



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 Otoskope
- 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-Ionen 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

Li-Ionen Rechargeable Battery 3.5V for Otoscope Set 100-041-204



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 Otoloscope
- 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

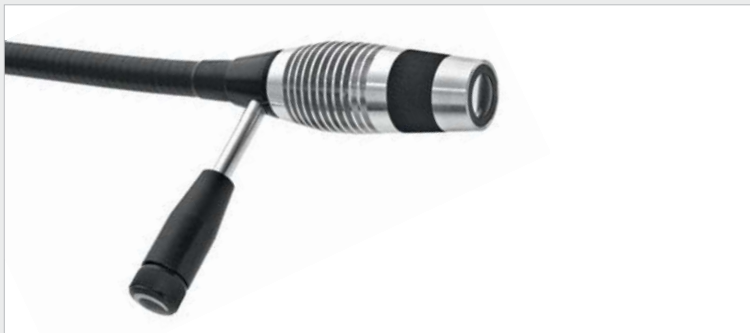
100-041-209

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 (Basisinheit 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



100-103-001
Transformator, 220 Volt
Transformer, 220 volt

100-103-003
Transformator, 120 Volt
Transformer, 120 volt



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



100-103-120

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



100-104-000

CLAR

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

100-104-001

Weißes Stirmband 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 Stirmband 100-104-001
Spare foam rubber pad, for headband 100-104-001



100-104-200

Miniatur Clar 73 Stirnlampe, Fiberglas-Leitung
Mini Clar 73 head light with fiberoptic light carrier



100-103-300

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



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



100-104-020

CLAR LED Stirnlampe 55, mit Batteriebox, komplett

CLAR LED Head Light 55, with battery box, complete



100-100-005

Jansen Stirnlampe, 6 V, mit breitem Plastikstirnband

Jansen Head Light, 6V, with wide plastic head band



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

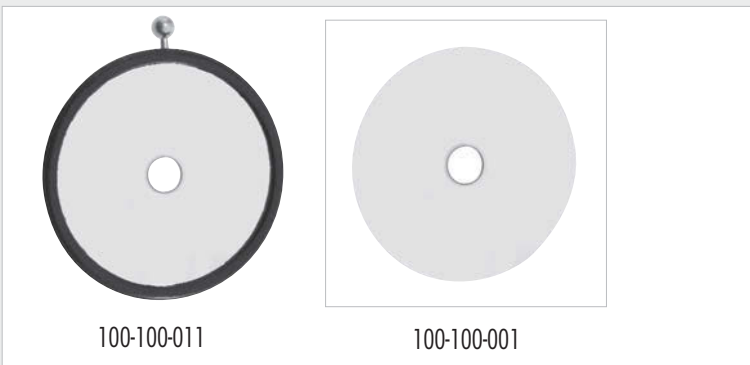
MURPHY

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

100-100-006

Doppelgelenk aus Metall

Double joint of metal



100-100-011

ZIEGLER

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

100-100-000

ZIEGLER dito, 100 mm Ø / same, 100 mm Ø



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



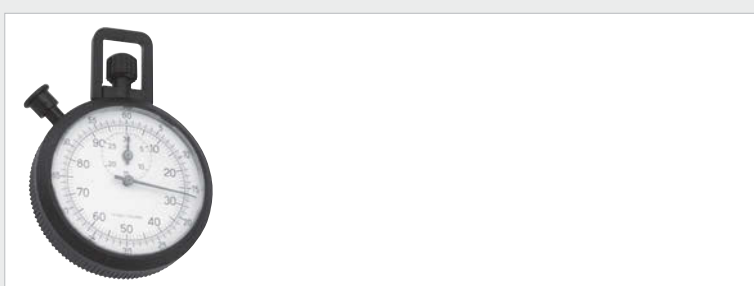
100-310-200
FRENZEL
Nystagmus-Leuchtblille mit aufklappbaren Gläsern
Nystagmus spectacles with hinged lenses



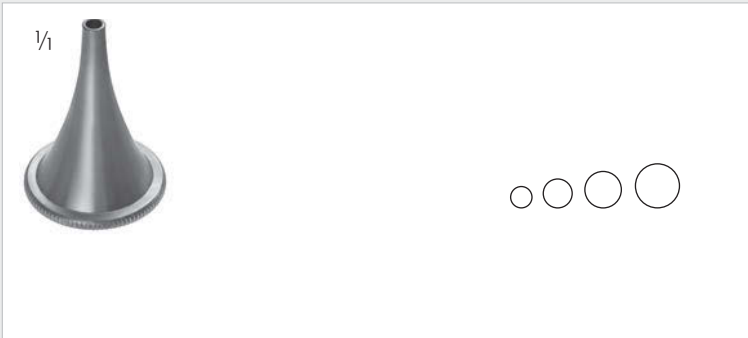
100-310-300
FRENZEL
Nystagmus- Leuchtblille, mit angebautem Batterie-Handgriff und festen Gläsern
Nystagmus spectacles, with battery attachment, fixed lenses

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

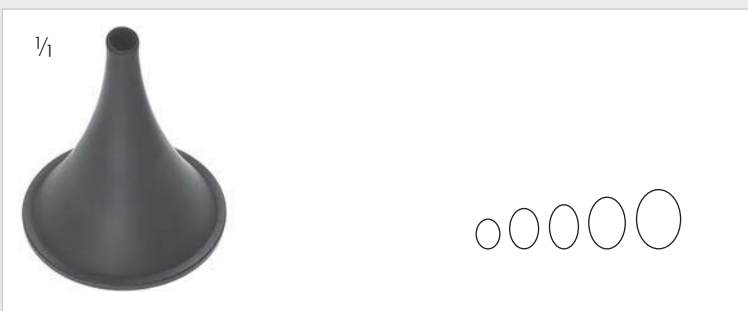


- 410-009-003 Innen/inner Ø: 2mm, Außen/outer Ø: 3mm
- 410-009-004 Innen/inner Ø: 3mm, Außen/outer Ø: 4mm
- 410-009-005 Innen/inner Ø: 4mm, Außen/outer Ø: 5mm
- 410-009-006 Innen/inner Ø: 5mm, Außen/outer Ø: 6mm
- 410-009-100 Satz aus 4 Teilen / Set of 4 pieces

POLITZER

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

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

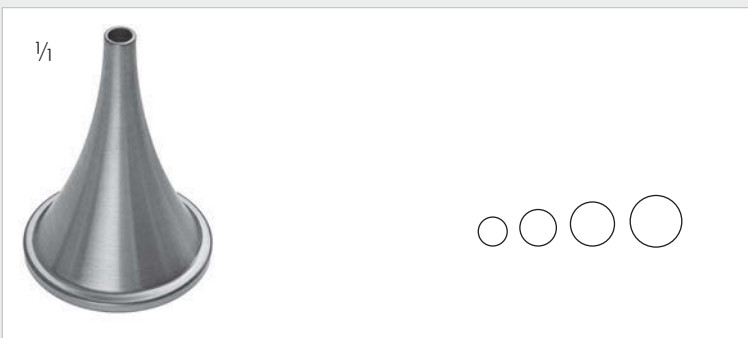


- 410-011-001 Außen/outer Ø: 3.3x4.1mm
- 410-011-002 Außen/outer Ø: 4.0x5.5mm
- 410-011-003 Außen/outer Ø: 5.0x7.5mm
- 410-011-004 Außen/outer Ø: 6.0x8.5mm
- 410-011-005 Außen/outer Ø: 7.0mmx9.5mm
- 410-011-100 Satz aus 5 Teilen / Set of 5 pieces

SHEA

Ohrspekula oval, abgeschrägt, geschwärzt, 38mm Länge

Aural Speculum oval, angled, black finish, 38mm length

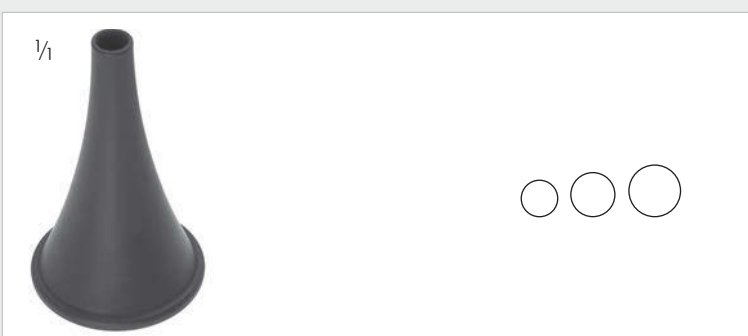


- | | Innen/inner Ø | Außen/outer Ø |
|-------------|-----------------------------------|---------------|
| 410-014-004 | 3mm | 4mm |
| 410-014-005 | 4mm | 5mm |
| 410-014-006 | 5mm | 6mm |
| 410-014-007 | 6mm | 7mm |
| 410-014-100 | Satz aus 4 Teilen/Set of 4 Pieces | |

TOYNBEE

Ohrspekula rund, gerade 36mm Länge

Aural Speculum round, straight, 36mm length

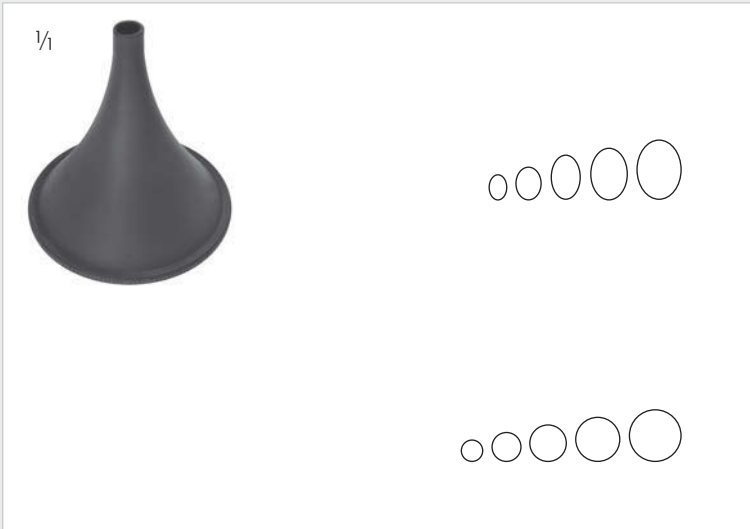


- | | Innen/inner Ø | Außen/outer Ø |
|-------------|-----------------------------------|---------------|
| 410-014-105 | 4mm | 5mm |
| 410-014-106 | 5mm | 6mm |
| 410-014-107 | 6mm | 7mm |
| 410-014-110 | Satz aus 3 Teilen/Set of 3 Pieces | |

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



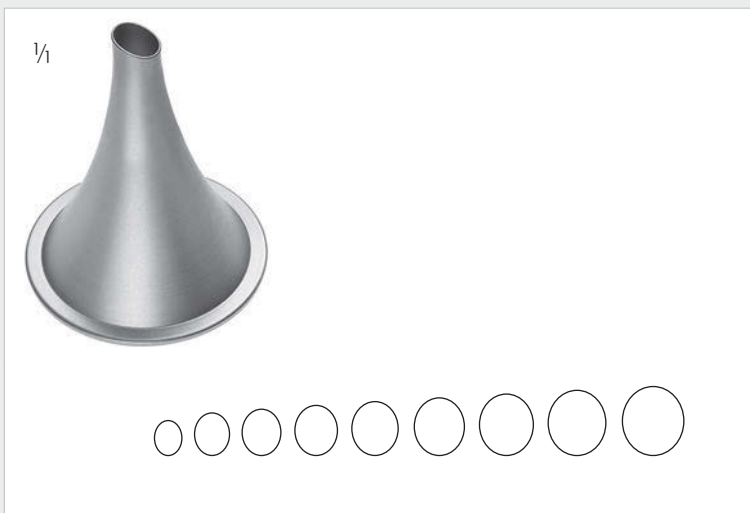
| | Innen/inner \varnothing | Außen/outer \varnothing |
|-------------|-------------------------------------|---------------------------|
| 410-021-001 | 3x4mm | 3.8x4.8mm |
| 410-021-002 | 4x5mm | 4.8x5.8mm |
| 410-021-003 | 4.5x5.5mm | 5.3x6.3mm |
| 410-021-004 | 5x6mm | 5.8x6.8mm |
| 410-021-005 | 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



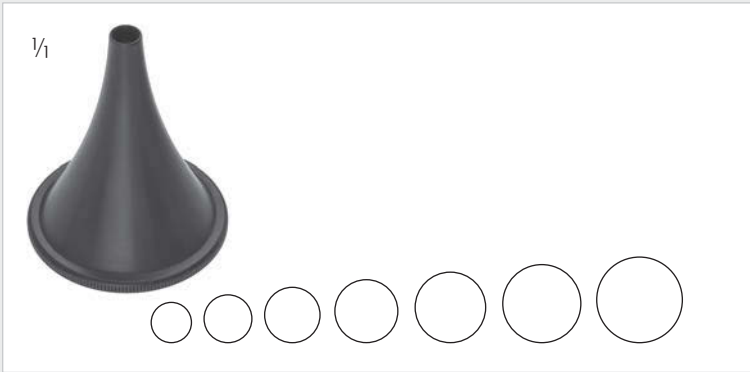
| | Innen/inner \varnothing | Außen/outer \varnothing |
|-------------|--------------------------------------|---------------------------|
| 410-022-001 | 3.3mm | 4.1mm |
| 410-022-002 | 4.3mm | 5.1mm |
| 410-022-003 | 4.8mm, | 5.6mm |
| 410-022-004 | 5.3mm | 6.1mm |
| 410-022-005 | 5.8mm | 6.6mm |
| 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 \varnothing Rändel, 43mm Länge, rostfrei
 Aural Speculum round, 35mm knurl \varnothing , straight, 43mm length, stainless



| | Innen/inner \varnothing | Außen/outer \varnothing |
|-------------|-------------------------------------|---------------------------|
| 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° abgeschragt, 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.



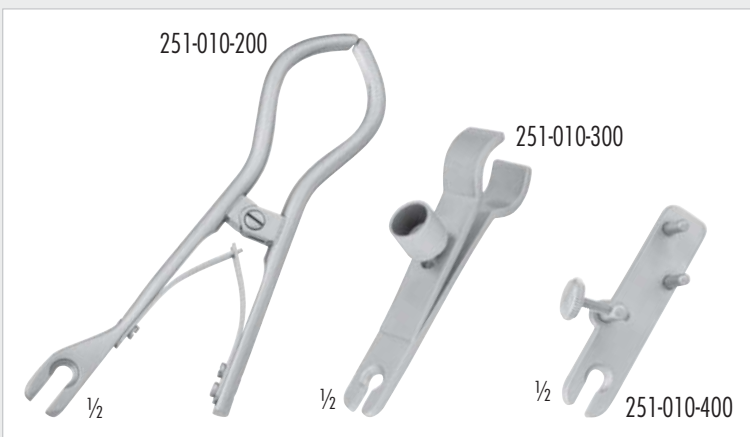
251-010-000

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

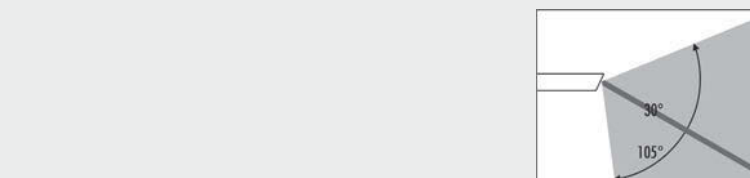
| | |
|------------------------|-------------|
| 2 aural pieces, size 1 | 410-200-401 |
| 2 aural pieces, size 2 | 410-200-402 |
| 2 aural pieces, size 3 | 410-200-403 |
| 1 aural piece, black | 410-200-404 |
| 1 plastic base-plate | 410-200-405 |
| 1 rubber tube | 410-200-406 |
| 1 metal elbows | 410-200-407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



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

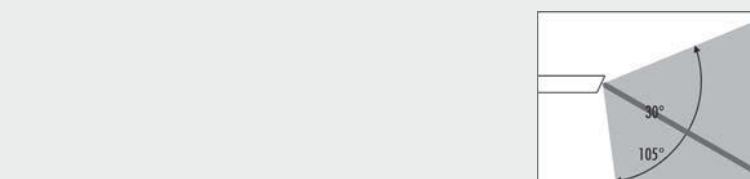
Otoscope , 30°, Ø 4 mm, working length 2 inch



410-027-000

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

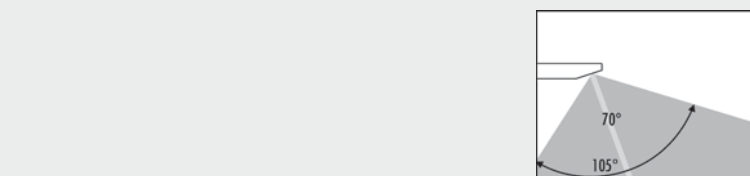
Otoscope, 0°, Ø 2.7 mm, working length 1 1/2 inch



410-027-030

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

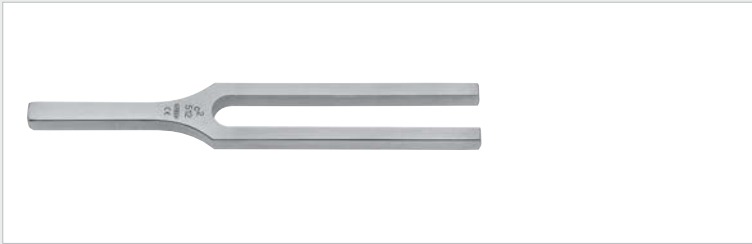
Otoscope , 30°, Ø 2.7 mm, working length 1 1/2 inch



410-027-070

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

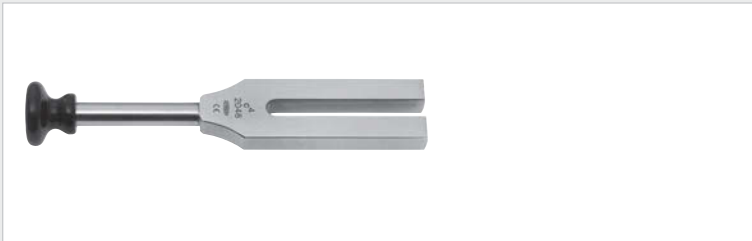
Otoscope , 70°, Ø 2.7 mm, working length 4 1/3 inch



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

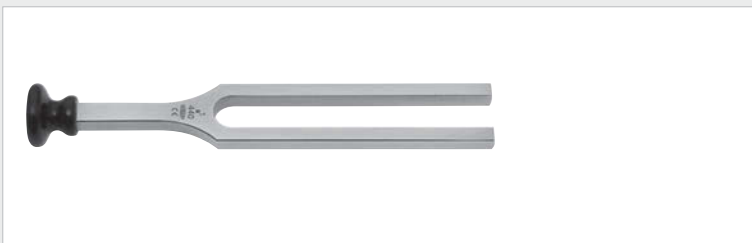
Stimmgabel
 Tuning fork



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

Stimmgabelsatz 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

Stimmgabelsatz 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

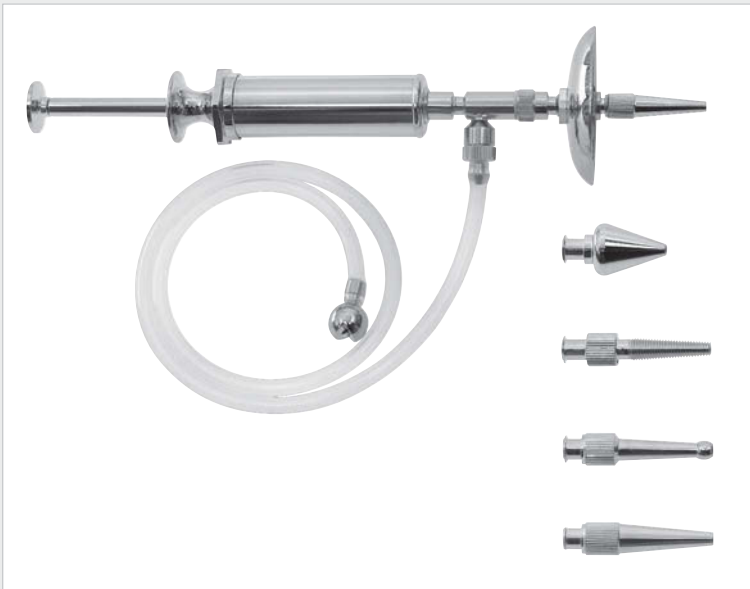
SYRINGE

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 Plastikschlauch, 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



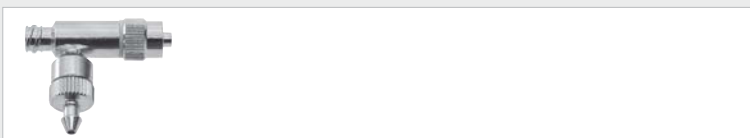
410-800-040

Schutzteller
Protection shield



410-800-030

Saugfuß
Metal sinker



410-800-010

Ventilaufsatz
Valve attachment

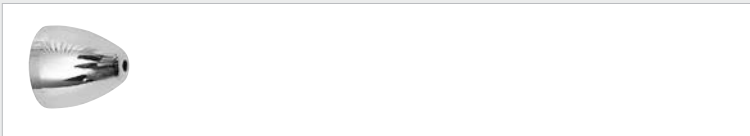


410-810-000

RZ
Spülbehälter, Kunststoff, 145 mm
Aural cleaning tube, plastic, 5 ¾ inch



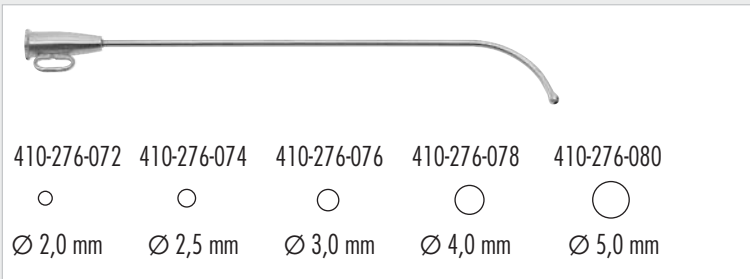
410-200-000
POLITZER
 Luftdusche mit Metallkonus
 Air douche, with metal cone



410-200-018 Ø 15 mm
 410-200-021 Ø 17 mm
 410-200-023 Ø 22 mm
 Nasenlivens 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
KABIJSKE
 Pulverbläser komplett mit 3 Aufsätzen und Gummiball
 Atomizer, complete with 3 metal tips and rubber bulb

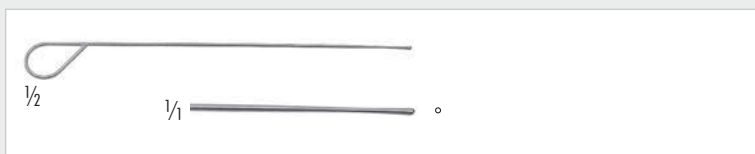
410-205-100 Gummiball allein
 Rubber bulb only

410-205-001 Aural Kanüle, gerade, 110 mm
 Aural cannula, straight tip, 4 inch

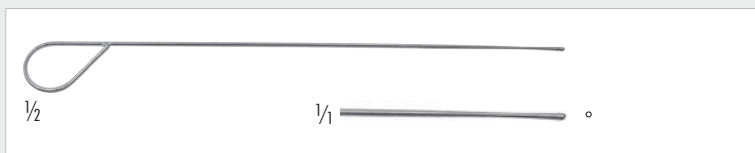
410-205-002 Aural Kanüle, gebogen, 130 mm
 Aural cannula, curved tip, 5 inch

410-205-200 Metallkonus, allein
 Metal cone, only

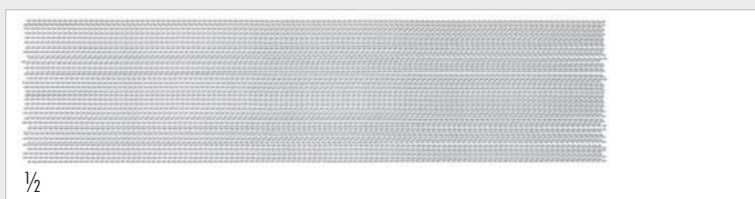
410-205-300 Ersatzflasche, 30 ccm
 Spare bottle, 30 ccm



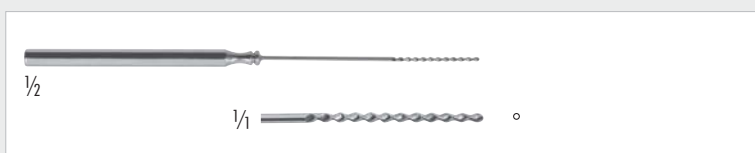
160-131-105
STACKE Ø 0,8 mm
Ohrsonde, 100 mm
Aural probe, 4 inch



160-131-140
CAWTHORNE
Ohrsonde, mit Ringgriff und abgeflachter Spitze, 140 mm
Probe, ring handled and flattened end, 5 1/2 inch



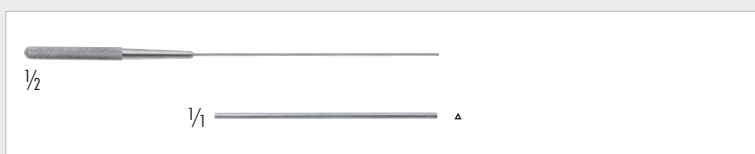
160-132-150
TUMARKIN
Ohrsonde, 150 mm
Aural probe, 6 inch
Bestelleinheit: PA= Packung á 50 Stück
Sales unit: PA= Package of 50 pieces



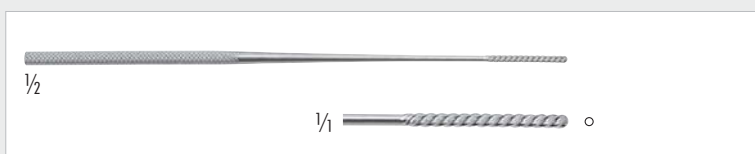
160-410-120
BUCK Ø 0,9 mm
Ohrwatteträger, Arbeitsende spiralförmig, 120 mm
Cotton Applicator, rough spiral serrated end, 4 3/4 inch



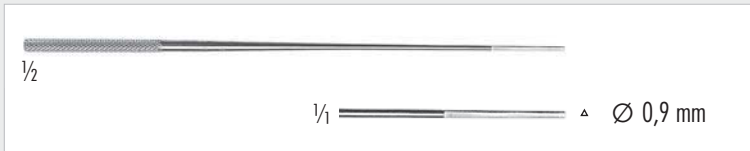
160-420-110
MODELL PICCOLO Ø 0,7 mm
Ohrwatteträger, Arbeitsende rund gerieft, 110 mm
Cotton applicator, slender, round serrated end, 4 1/2 inch



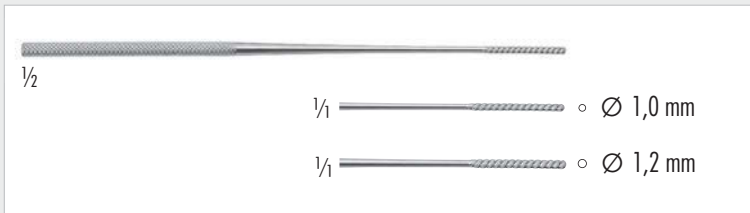
160-421-110
MODELL PICCOLO Ø 0,7 mm
Ohrwatteträger, Arbeitsende dreikant gerieft, 110 mm
Cotton applicator, slender, triangular serrated end, 4 1/2 inch



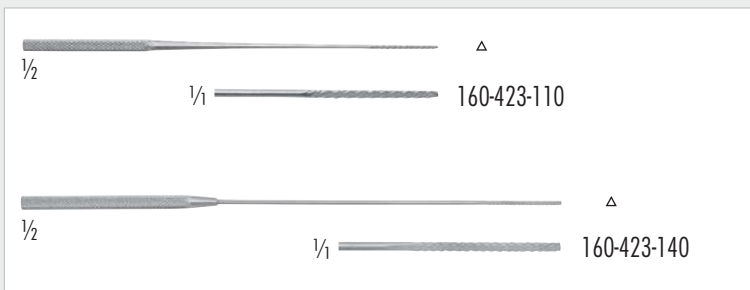
160-422-110 110 mm/4 1/2 inch
160-422-140 140 mm/5 1/2 inch
FARRELL Ø 1,2 mm
Ohrwatteträger, Arbeitsende rund gerieft
Cotton applicator, round serrated end



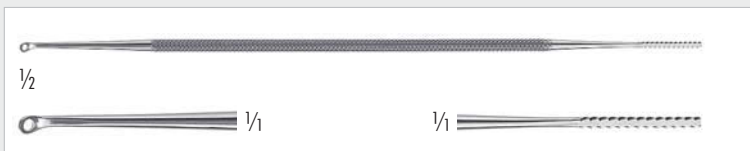
160-426-120 120mm, 4 3/4 inch
 160-426-140 140mm, 5 1/2 inch
 Ohrwatteträger, Arbeitsende dreikant gerieft, Ø 0,9 mm
 Cotton applicator, triangular serrated end, Ø 0.9 mm



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



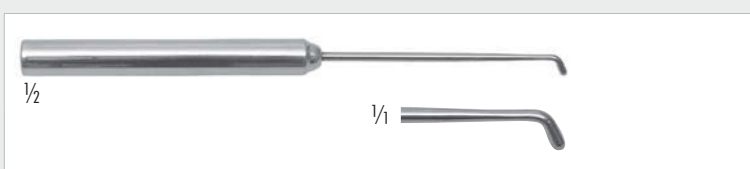
160-255-140 140 mm, 5 1/2 inch
 160-255-180 180 mm, 7 inch
JOBSON HORNE
 Ohrsonde
 Aural probe



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

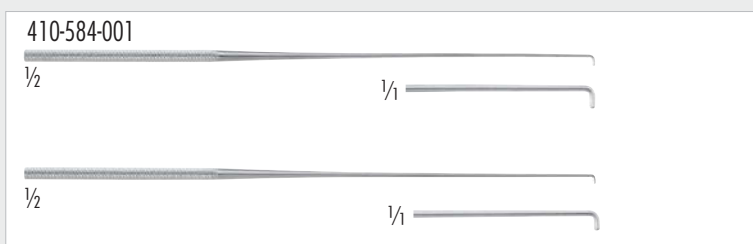
Ohrhäkchen, stumpf, 160 mm
Aural hook, blunt, 6 1/4 inch



410-583-150

ZAUFAL-JANSEN

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

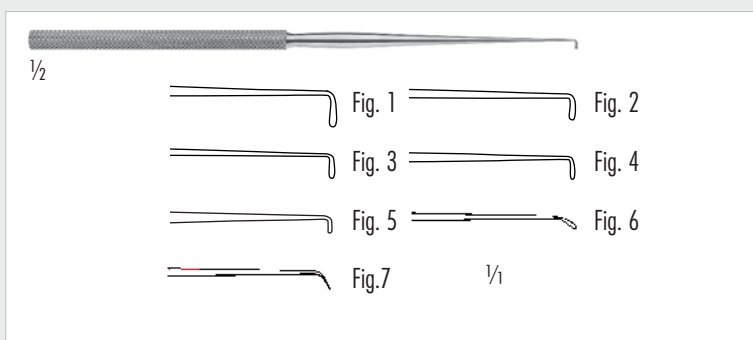


410-584-001 Fig. 1

410-584-002 Fig. 2

DAY

Ohrhäkchen, 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

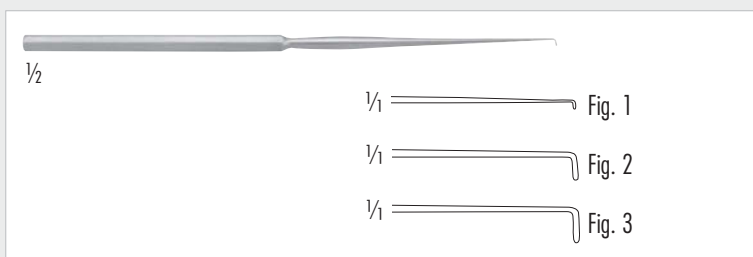
410-585-005 Fig. 5

410-585-006 Fig. 6

410-585-007 Fig. 7

WAGENER

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



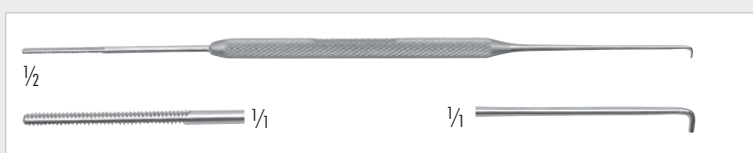
410-586-141 Fig. 1

410-586-142 Fig. 2

410-586-143 Fig. 3

LUCAE

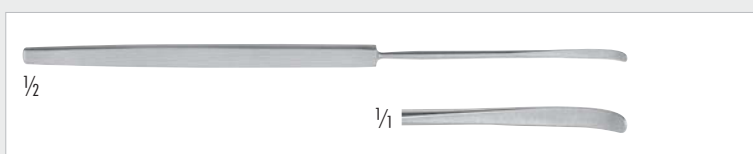
Ohrhebel, geknüpft, 140 mm
Aural hook, probe ended, 5 1/2 inch



410-584-180

MUSGROVE

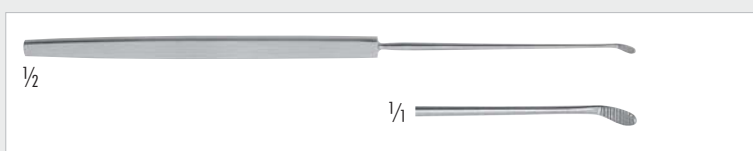
Zerumennadel und Watteträger, 180 mm
Cerumen pick and cotton applicator, 7 inch



410-583-160

ZAUFAL

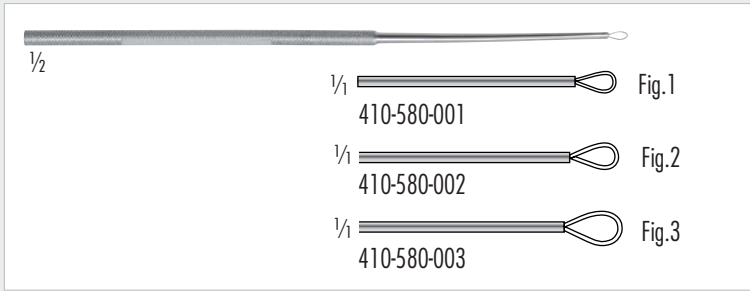
Ohrhebel, stumpf, 160 mm
Aural elevator, blunt, 6 1/4 inch



410-584-160

MOLDENHAUER

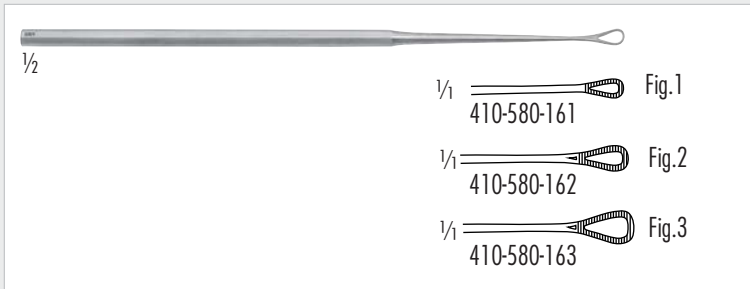
Fremdkörperhebel, 160 mm
Foreign body elevator, 6 1/4 inch



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

BILLEAU

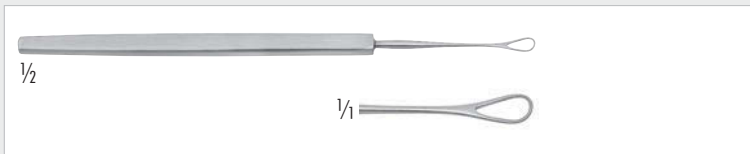
Ohrschlinge, gerade, 160 mm
Aural loop, straight, 6 1/4 inch



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

SNELLEN (WEBER-LOCH)

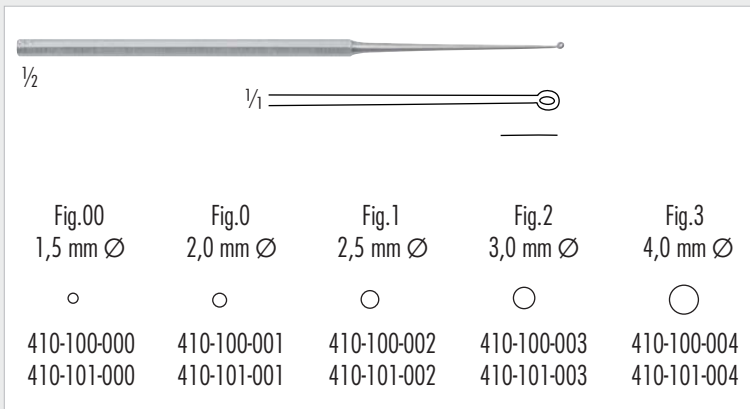
Ohrschlinge, gebogen, gerieft, 160 mm
Aural loop, curved, serrated, 6 1/4 inch



410-580-130

LANGENBECK

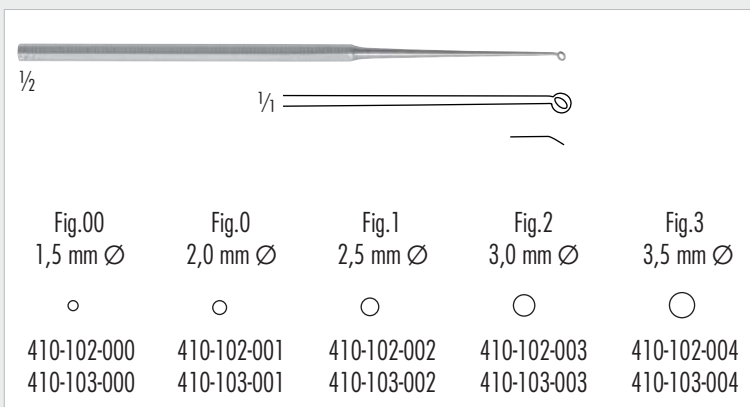
Ohrschlinge, stumpf, leicht gebogen, 130 mm
Aural loop, blunt, slightly curved, 5 inch



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

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 |

BUCK

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

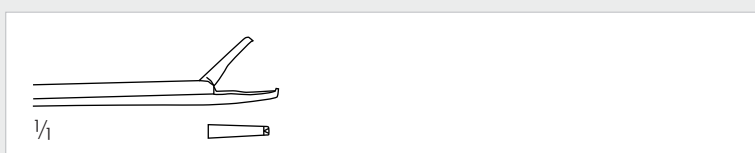


Fremdkörper- Ohrzängchen zur Untersuchung, **Zeigefingerringteil** beweglich, mit Schiebeschaft
 Aural foreign body forceps for examination, opening and closing of the jaws by means of **finger ring-handle**, sliding shaft

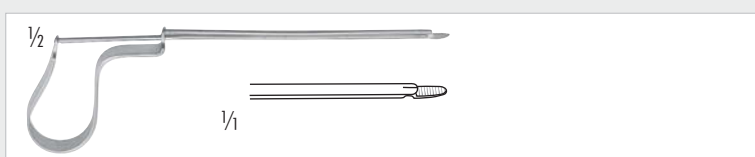


410-210-085 1 x 8 mm, gerieftes Maulteil/serrated jaws
 410-215-085 1 x 8 mm, glattes Maulteil/smooth jaws

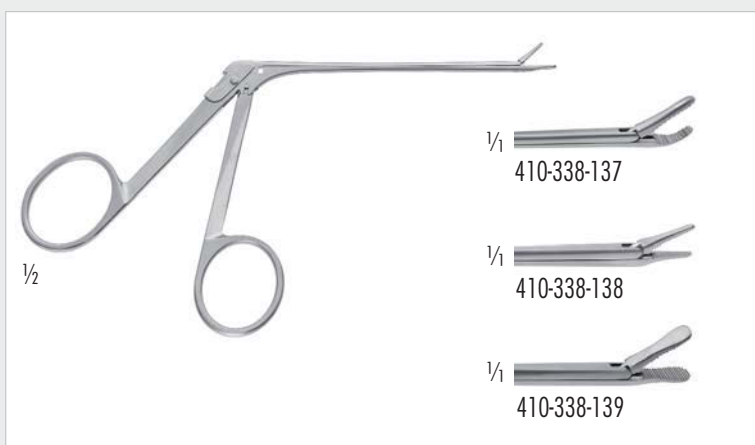
HARTMANN
 Faßzängchen, gerade
 Aural forceps, straight



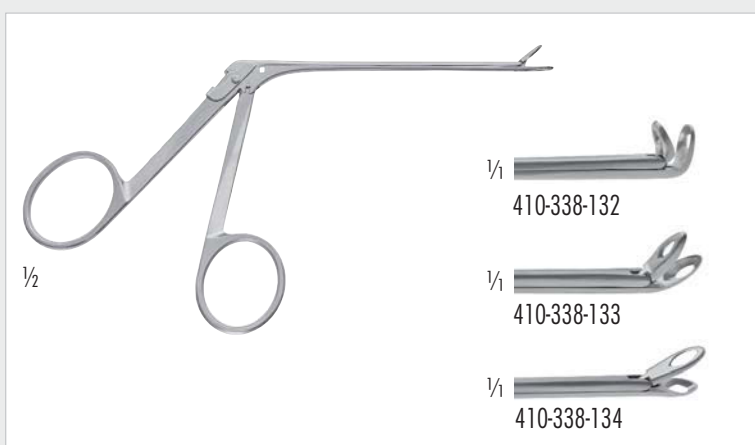
410-211-085 2 x 6 mm
HARTMANN
 Faßzängchen, gerade, 1 x 2 Zähne
 Aural forceps, straight, 1 x 2 teeth



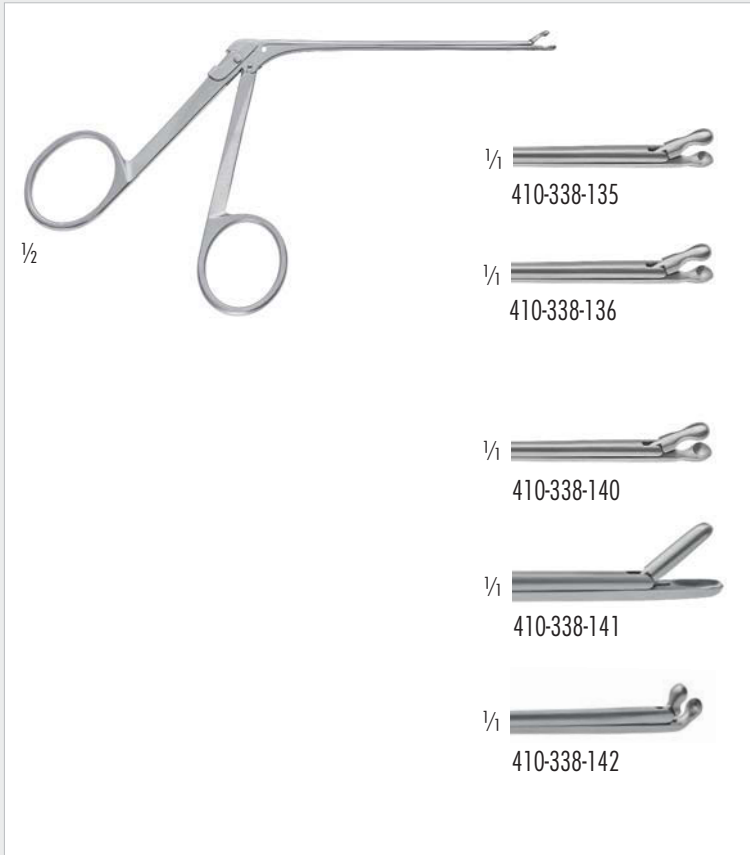
410-330-090
QUIRE
 Fremdkörperinstrument, 90 mm
 Aural forceps for removal of foreign bodies, 3 1/2 inch



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

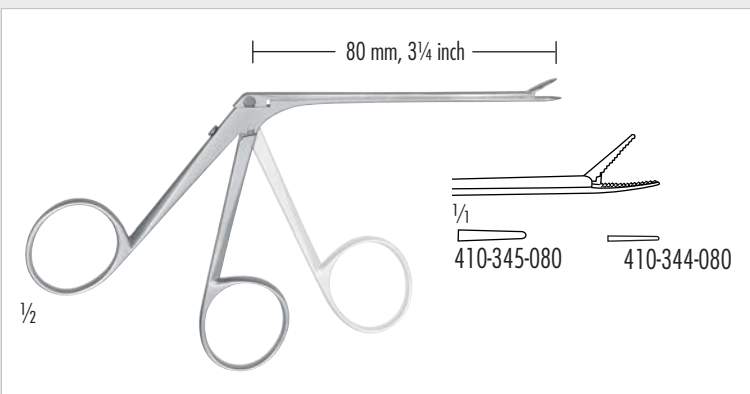
410-338-141 2x6 mm Löffel/2x6 mm spoon

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

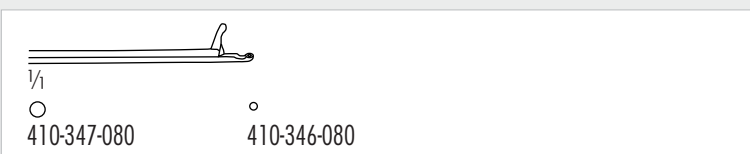
410-346-080 1 mm

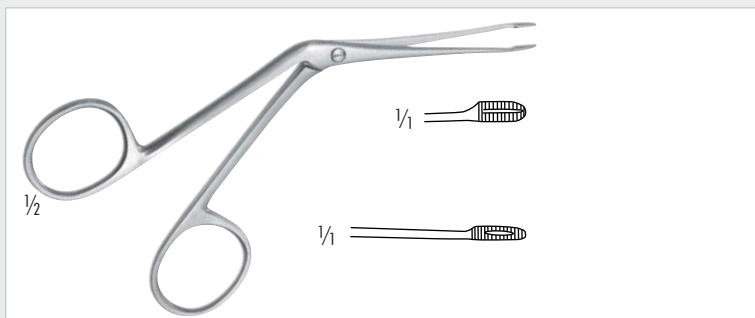
410-347-080 2 mm

HARTMANN-WULLSTEIN

Löffelzängchen, gerade, runder Löffel

Aural forceps, cup-shaped, straight, round cup





410-230-140

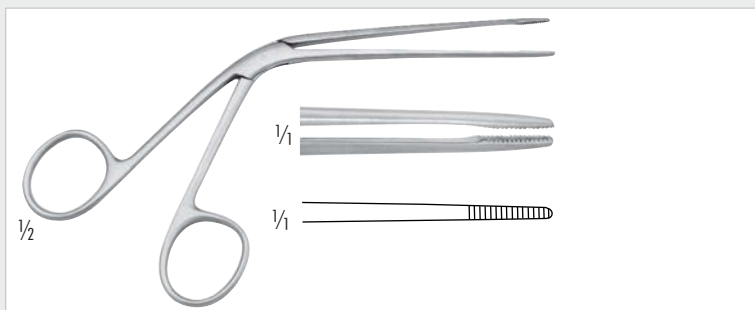
HARTMANN

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

410-230-120

HARTMANN

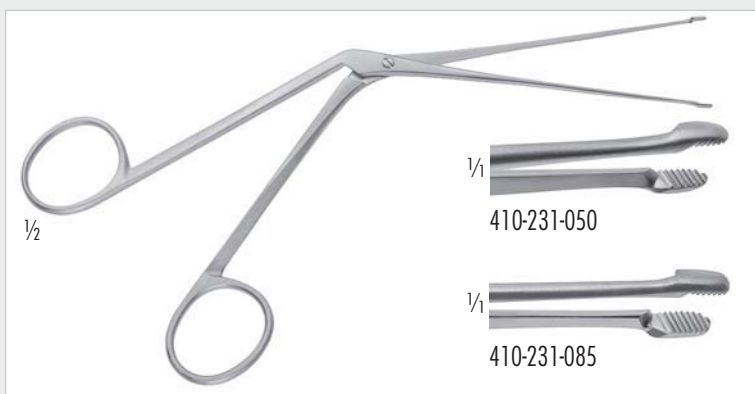
Ohrtamponzange, feines Modell, 135 mm
Aural tampon forceps, delicate pattern, 5 inch



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

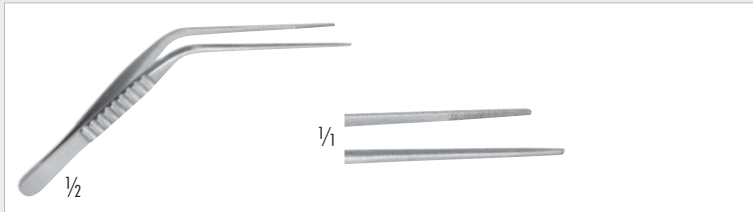
Ear Forceps, 4mm long jaws, 85mm length from screw till jaw tip



410-391-140

LUCAE

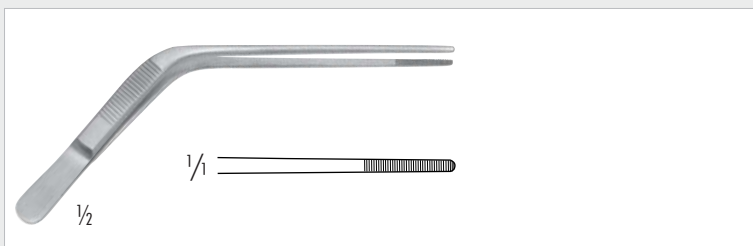
Ohrpinzette, anatomisch, bajonettförmig, 140 mm
Aural dressing forceps, bayonet shaped, 5 1/2 inch



410-375-100

TROELTSCH

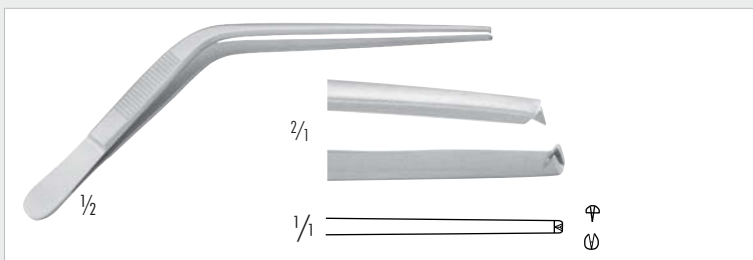
Ohrpinzette, fein und klein, gerieft, 45 mm Nutzlänge
Aural dressing forceps, delicate and small, serrated,
45 mm working length



410-375-120

TROELTSCH

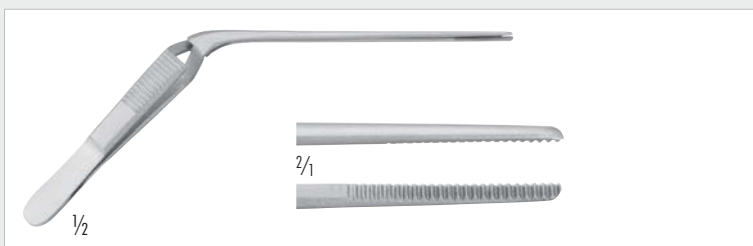
Ohrpinzette, anatomisch, kniegebogen, 1,8 mm breit, 115 mm
Aural dressing forceps, angled, tip 1,8 mm, serrated, 4 1/2 inch



410-377-120

TROELTSCH

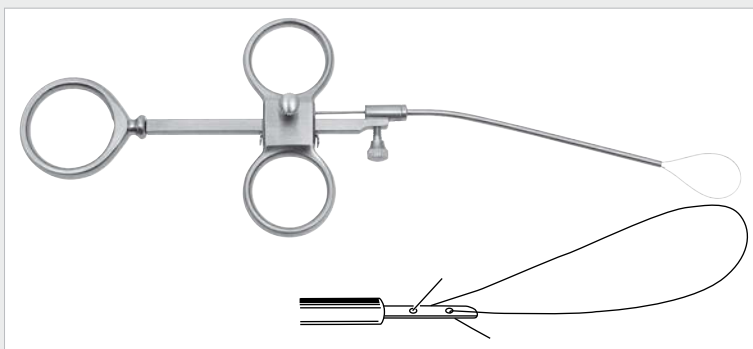
Ohrpinzette, chirurgisch, 1 x 2 Zähne, kniegebogen, 125 mm
Aural tissue forceps, 1 x 2 teeth, knee bent, 5 inch



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



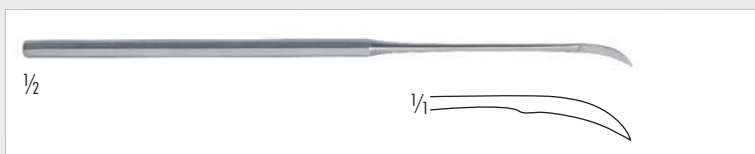
410-411-100 Ø 0,2 mm

Ohrpolypen-Schlingendraht

Bestelleinheit: PH=Packung á 100 Stück

Aural snare wire

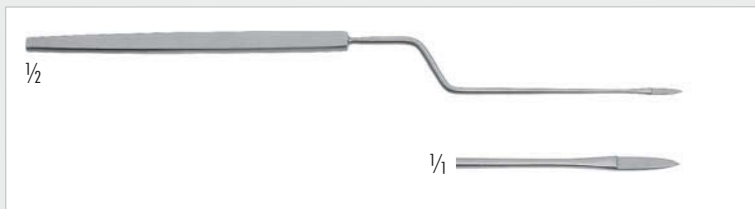
Sales unit: PH=Package of 100 pieces



410-350-150

POLITZER

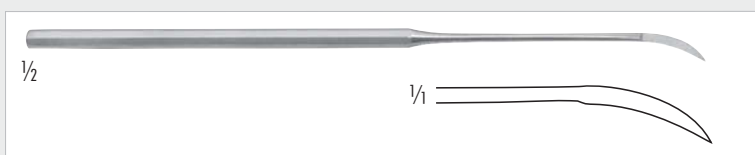
Ohr-Furunkelmesser, 160 mm
Aural Sickle knife, 6 1/4 inch



410-352-170

SEXTON

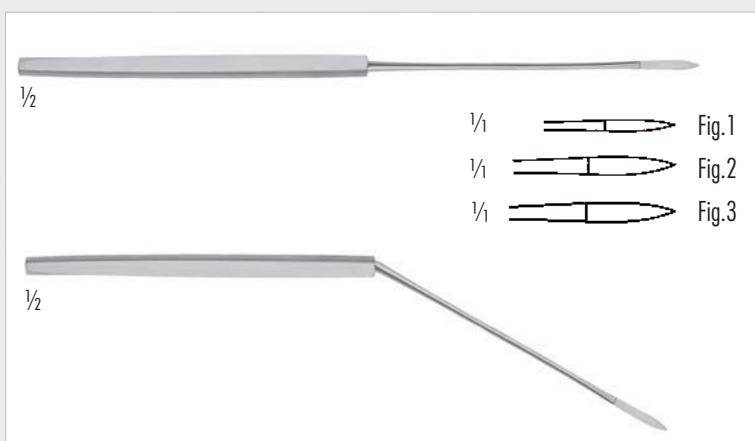
Ohr-Furunkelmesser, bajonettförmig, 170 mm
Aural Sickle knife, bayonet-shaped, 6 3/4 inch



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

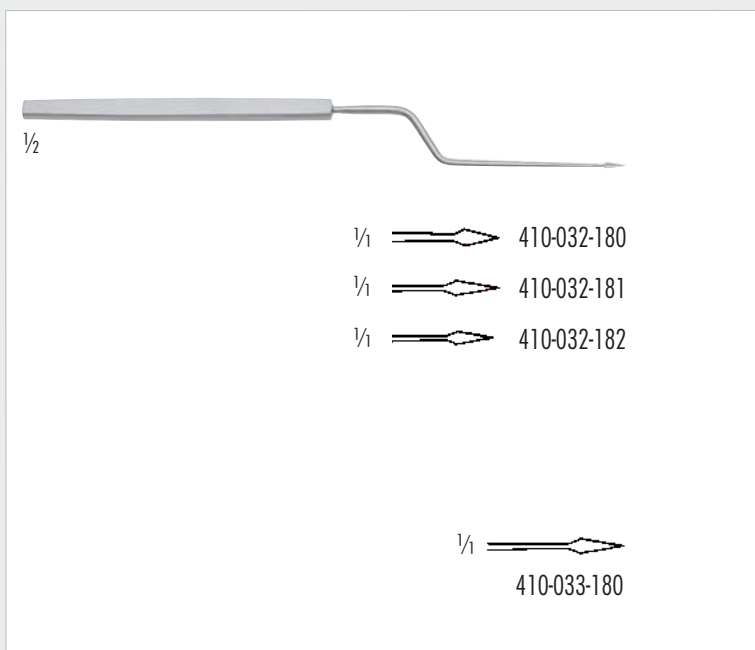
Fig.2 kniegebogen/knee bent

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

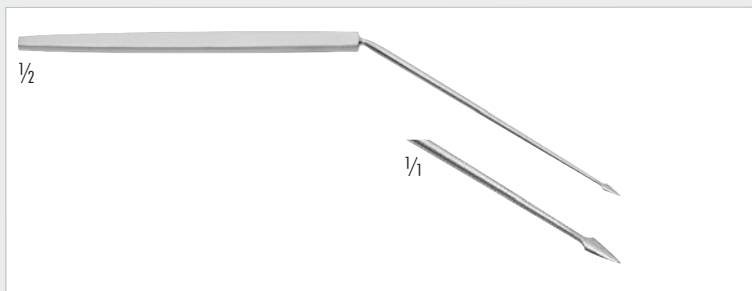
Paracentese-Nadel, gerade, 160 mm
Tympanum perforator, straight, 6 1/4 inch



410-031-140

JACOBSON

Ohrhäkchen, 140mm
Ear hook, 5 1/2 inch



410-032-160

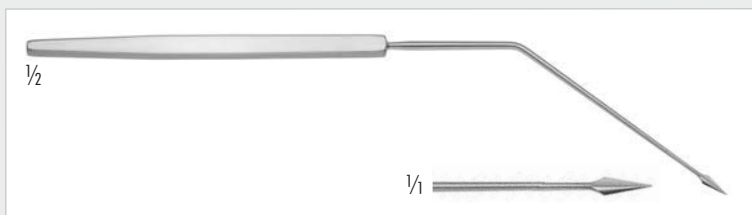
POLITZER

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

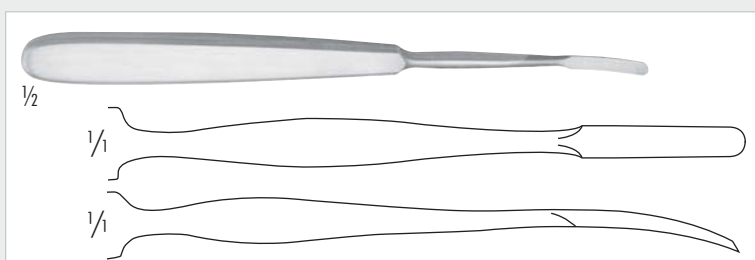


210-395-175
SEBILEAU
Elevatorium, 5 mm breit, 175 mm
Elevator, 5 mm wide, 7 inch

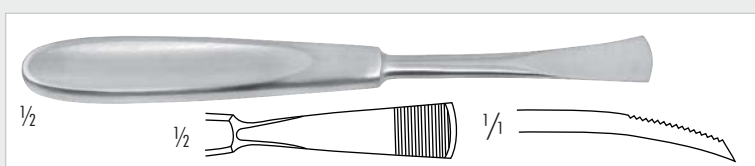


| | | | |
|-------------|-----|-------------|------|
| 431-630-007 | 7mm | 431-630-006 | 6mm |
| 431-630-009 | 9mm | 431-630-011 | 11mm |

OBWEGESER
Raspatorium, 9 mm breit, 175 mm
Periosteal Elevator, 9 mm wide, 7 inch



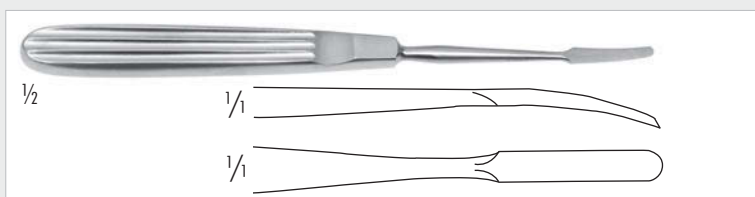
210-396-160
JOSEPH
Raspatorium, leicht gebogen, 160 mm
Periosteal Elevator, slightly curved, 6 1/4 inch



210-303-165
JANSEN
Raspatorium, gebogen, 15 mm breit, 165 mm
Periosteal Elevator, curved, 15 mm wide, 6 1/2 inch

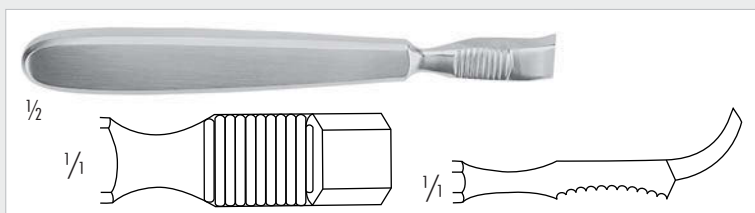


210-397-185
LEMPERT
Raspatorium, halbscharf, 185 mm
Periosteal Elevator, semi sharp, 7 1/4 inch

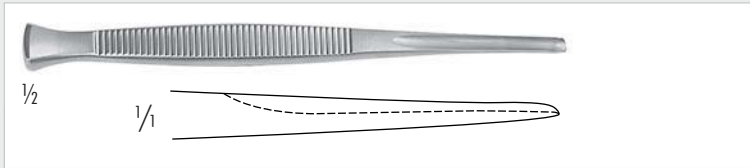


| | |
|-------------|-----|
| 420-530-165 | 2mm |
| 420-531-165 | 3mm |
| 420-532-165 | 4mm |

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

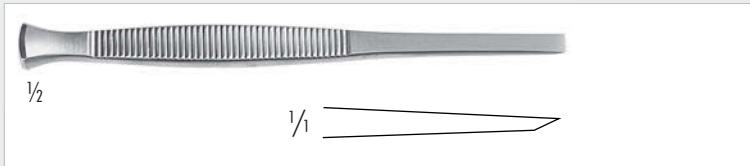


210-109-002 3 mm
 210-109-005 5 mm
 210-109-007 7 mm

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

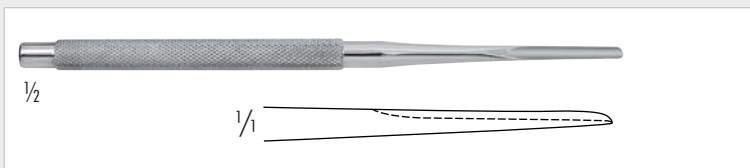
Hohlmeissel, 160 mm
 Gouge, 6 1/4 inch



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

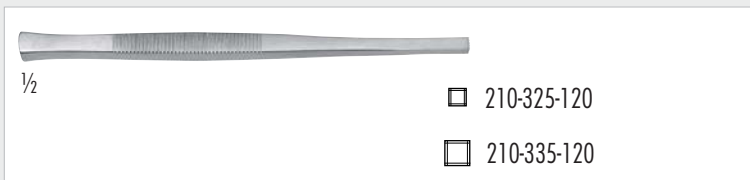
Hohlmeissel, gerade, 160 mm
 Gouge, straight, 6 1/4 inch



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



210-244-220 130 g

HAEK

Hammer, 220 mm
Mallet, 8 3/4 inch



210-224-180 155 g

PARTSCH

Hammer, Kopf mit Bleifüllung, 190 mm
Mallet, lead filled head, 7 1/2 inch



210-240-180 235 g

COTTLE

Hammer, 1 Seite flach, 1 Seite convex, 185 mm
Mallet, 1 side plain, 1 side convex, 7 1/4 inch

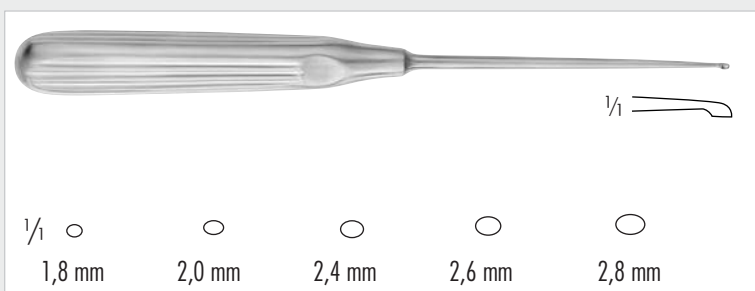


210-264-140 135 g

Hammer, mit austauschbaren Kunststoffbacken, 185 mm
Mallet, head with interchangeable plastic discs, 7 1/4 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

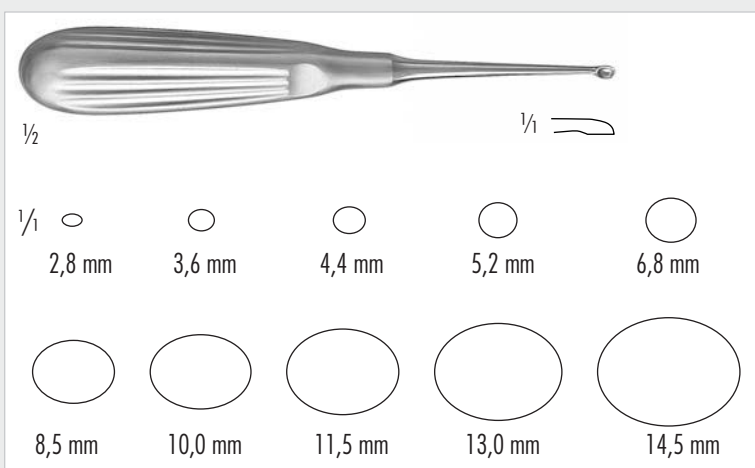
210-348-200 2,4 mm

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

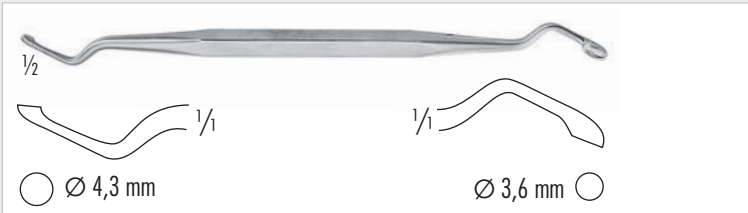
210-304-040 11,5 mm

210-304-050 13,0 mm

210-304-060 14,5 mm

VOLKMANN

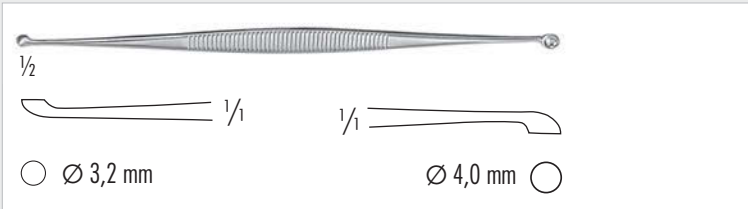
Scharfer Löffel, 170 mm
Endaural curette, 6 3/4 inch



210-216-150

JANSEN

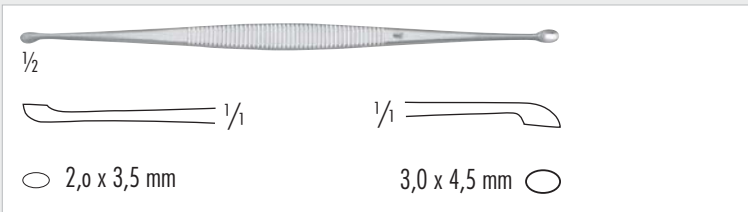
Scharfer Doppellöffel, runde Löffel, 160 mm
Aural curette, sharp, double-ended, round cups, 6 ¼ inch



210-218-012

MARTINI

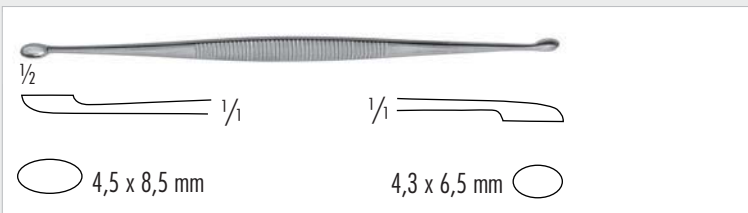
Scharfer Doppellöffel, runde Löffel, 140 mm
Aural curette, sharp, double-ended, round cups, 5 ½ inch



210-216-001

WILLIGER

Scharfer Doppellöffel, ovale Löffel, 145 mm
Aural curette, sharp, double-ended, oval cups, 5 ¾ inch



210-213-140

JACOBSON

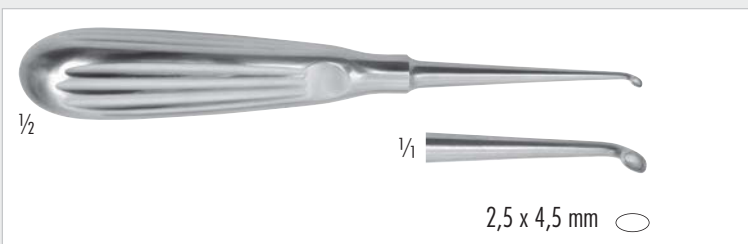
Scharfer Doppellöffel, ovale Löffel, 140 mm
Aural curette, sharp, double-ended, oval cups, 5 ½ inch



410-216-180

MILLER

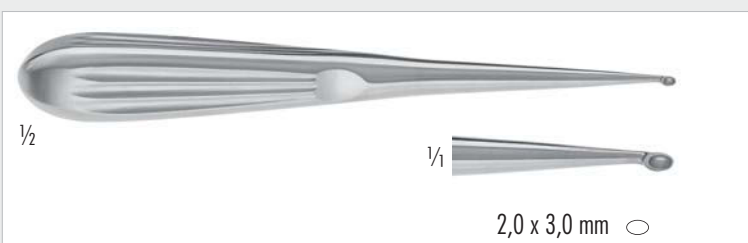
Doppel-Kürette, 180 mm
Aural curette, double-ended, 7 inch



210-305-400 Fig. 0000

VOLKMANN

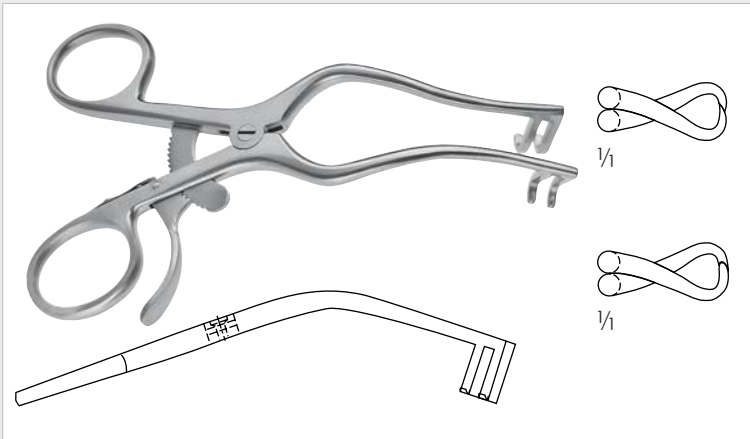
Mikro Ohrlöffel, abgewinkelt, ovaler Löffel
Micro aural curette, angled, oval cup



210-304-500 Fig. 00000

VOLKMANN

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

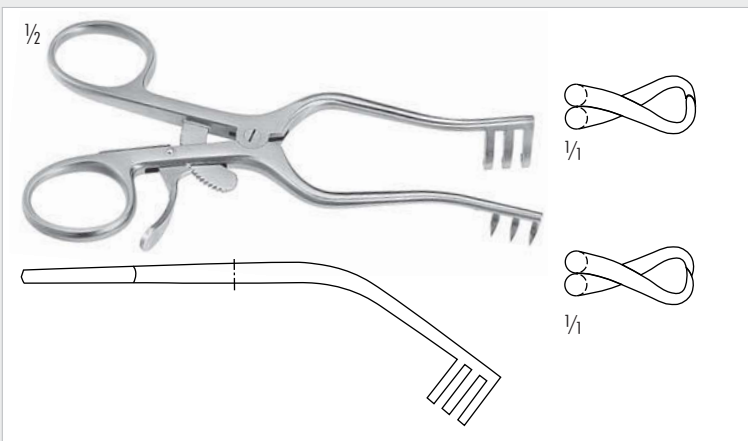
WIEGAND

Wundsperrerr, 110mm
Retractor, 4 1/3 inch



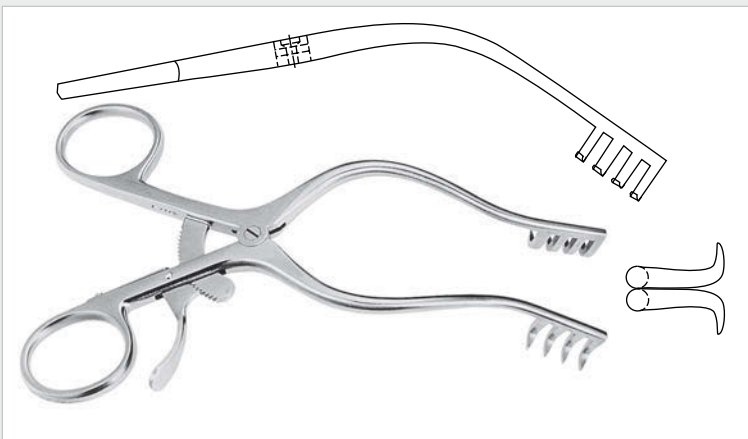
- 170-735-110 linkes Blatt scharf, 3 Zähne rechts, 110mm
left blade sharp, 3 teeth right, 4¹/₃ inch
- 170-735-130 linkes Blatt scharf, 3 Zähne rechts, 130mm
left blade sharp, 3 teeth right, 5¹/₈ inch
- 170-736-110 rechtes Blatt scharf, 3 Zähne links, 110mm
right blade sharp, 3 teeth left, 4¹/₃ inch
-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

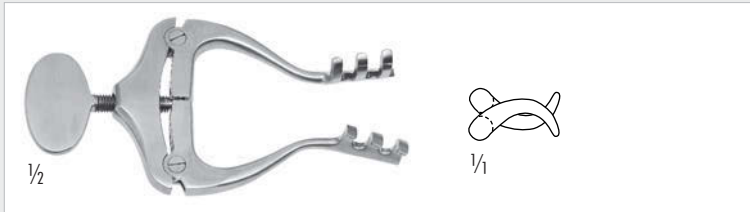


- 170-785-165 6x6 halbscharfe Zähne
6 x 6 semi-sharp teeth

HOUSE

Wundsperrerr mit Gelenk, 165mm

Retractor with hinge, 6^{1/2}inch



170-723-100

JANSEN

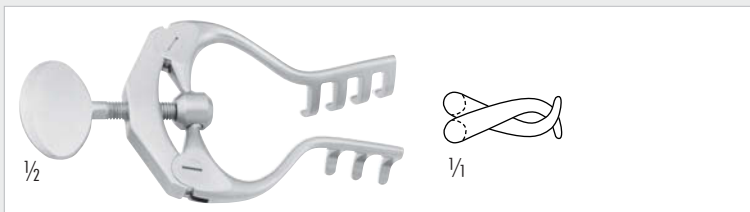
Wundsperrer, stumpf, 3 x 3 Zähne, 100 mm
Mastoid retractor, blunt, 3 x 3 prongs, 4 inch



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

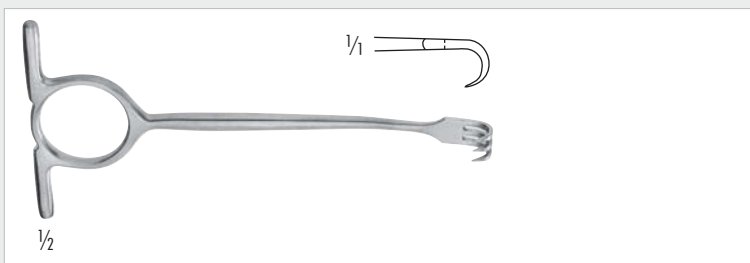
Wundsperrer, stumpf, 3 x 4 Zähne, 100 mm
Mastoid retractor, blunt 3 x 4 prongs, 4 inch



170-719-095

ALLPORT

Wundsperrer, scharf, 4 x 4 Zähne, 95 mm
Mastoid retractor, sharp 4 x 4 prongs, 3 3/4 inch



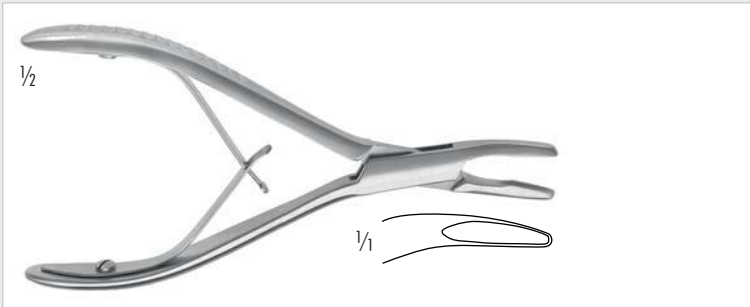
170-234-120 gerade / straight

170-235-120 links gebogen / left curved

170-236-120 rechts gebogen / right curved

WILLIGER

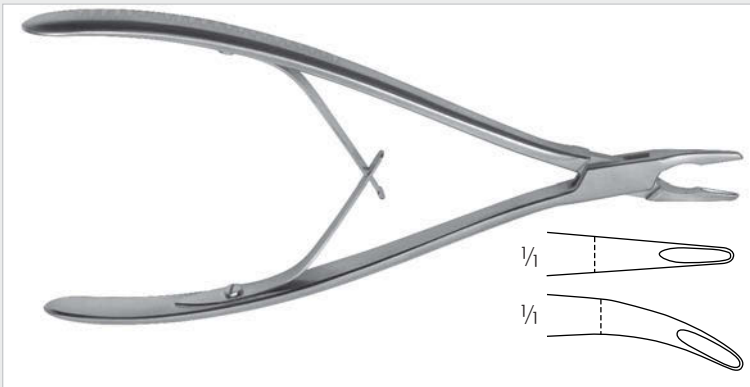
Wundhaken, scharf, 120 mm
Wound retractor, sharp, 4 3/4 inch



210-640-140

LUER-FRIEDMANN

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



210-832-185

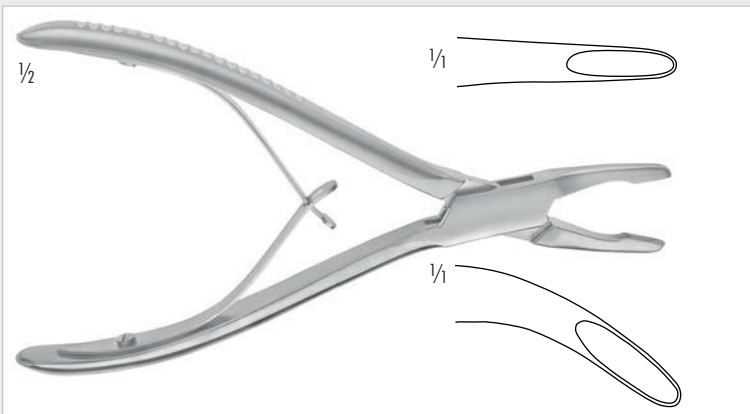
LEMPERT

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

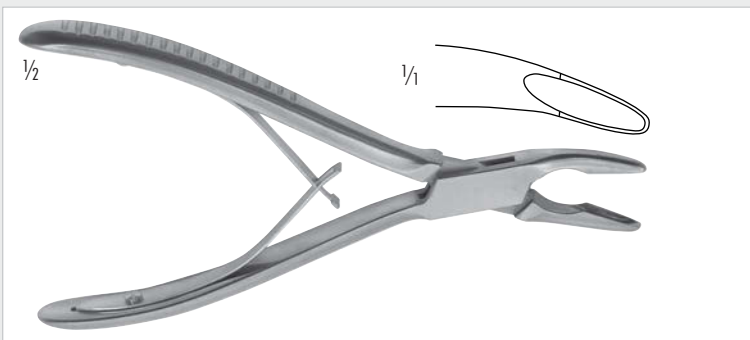
JANSEN

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

210-829-180

JANSEN

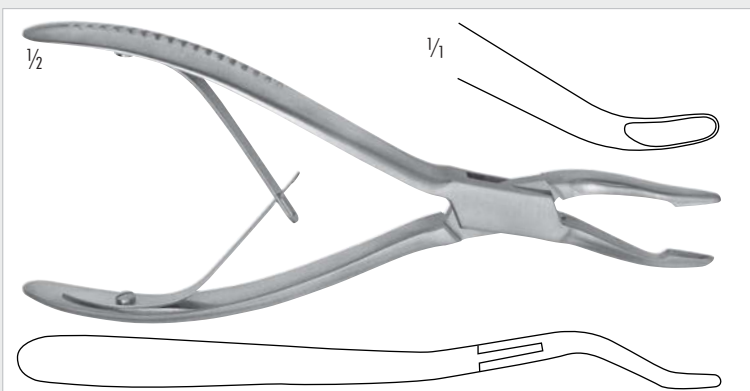
Hohlmeisselzange, gebogen, 175 mm
Bone Rongeur, curved, 7 inch



210-815-165

MEAD (BANE)

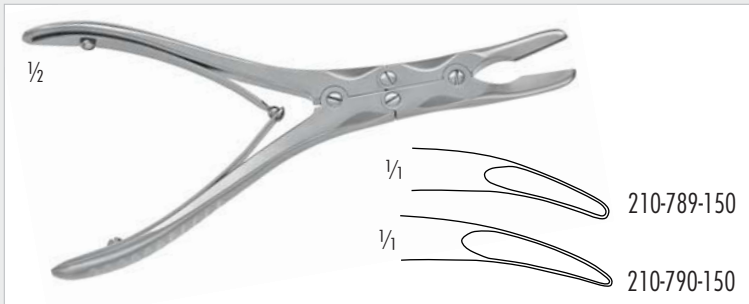
Hohlmeisselzange, gebogen, 165 mm
Bone Rongeur, curved, 6 1/2 inch



210-829-170

JANSEN

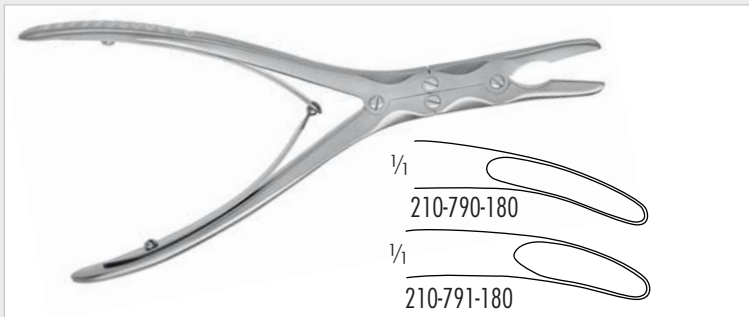
Hohlmeisselzange, s-förmig gebogen, 190 mm
Bone Rongeur, s-shaped, 7 1/2 inch



210-789-150

BOEHLER

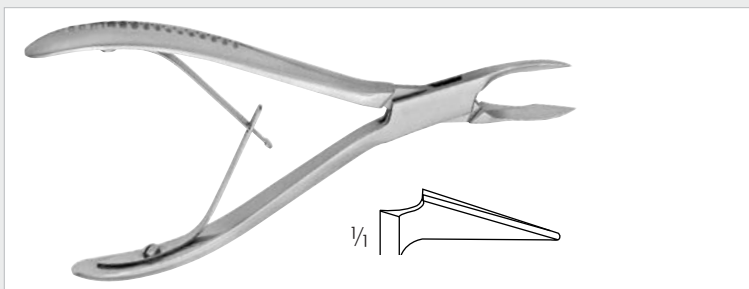
Hohlmeisselzange, gebogen, übersetzt, 3 mm Maul, 155 mm
Bone Rongeur, curved, double action, 3 mm jaw, 6 inch



210-790-150

BOEHLER

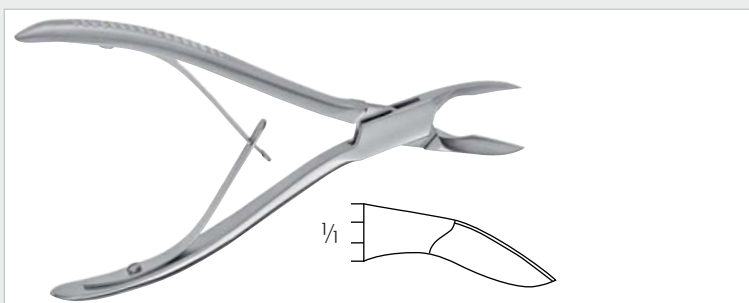
Hohlmeisselzange, gebogen, übersetzt, 2mm Maul, 155 mm
Bone Rongeur, curved, double action, 2mm jaw, 6 inch



210-790-180

BEYER

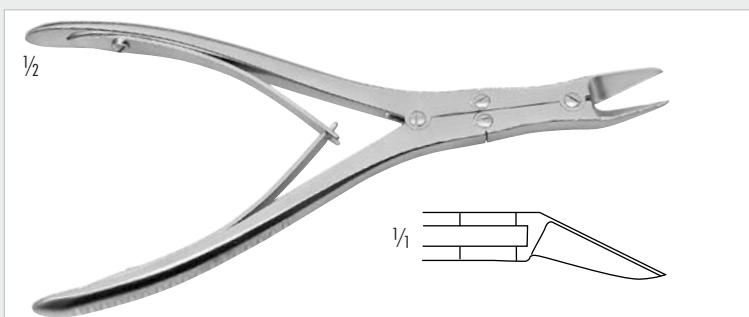
Hohlmeisselzange, gebogen, übersetzt, 180 mm
Bone Rongeur, curved, double action, 7 inch



210-791-180

ZAUFAL-JANSEN

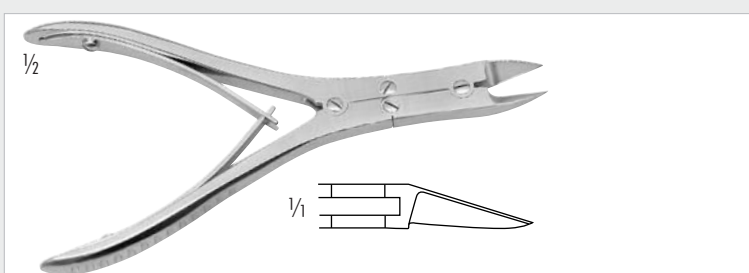
Hohlmeisselzange, gebogen, übersetzt, 180 mm
Bone Rongeur, curved, double action, 7 inch



210-846-150

STAMM

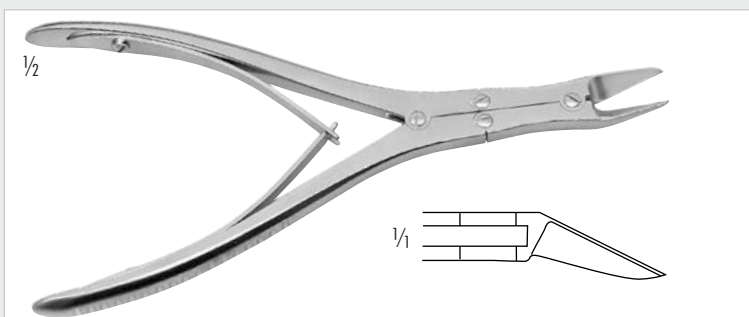
Knochensplitterzange, 150 mm
Bone cutting forceps, 6 inch



210-845-170

Knochenschneidezange, aufgebogen, 170 mm

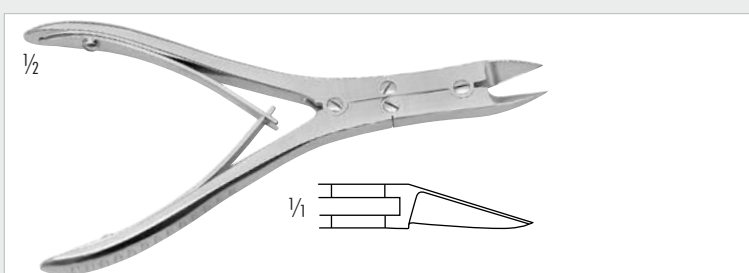
Bone cutting forceps, curved on flat, 6 3/4 inch



210-880-175

MC INDOE

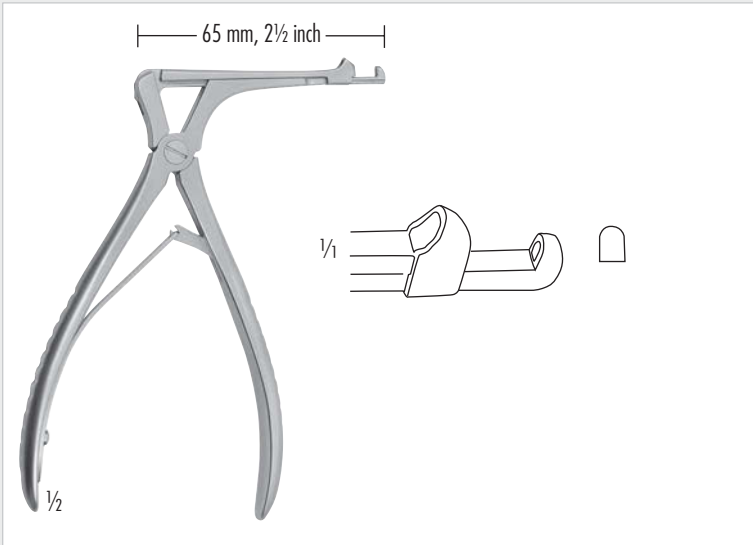
Knochensplitterzange, abgewinkelt, übersetzt, 175 mm
Bone cutting forceps, angled on flat, double action, 7 inch



210-890-150

BOEHLER

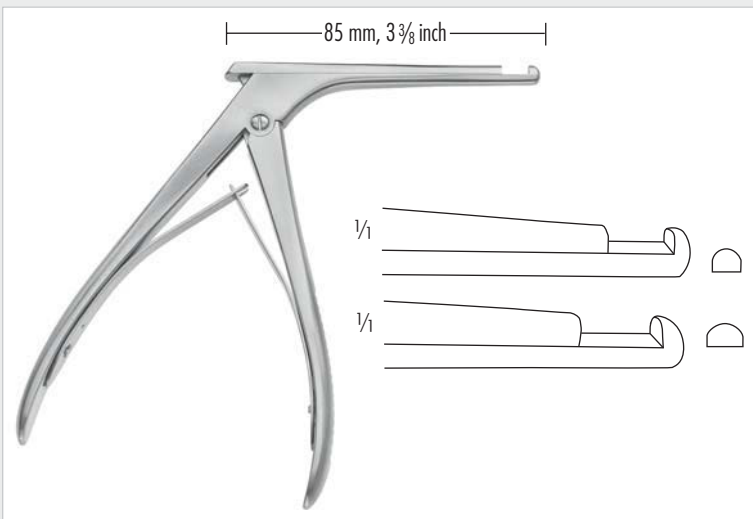
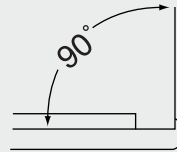
Knochenschneidezange, abgewinkelt, übersetzt, 145 mm
Bone cutting forceps, angled on flat, double action, 5 3/4 inch



410-241-035

CITELLI

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

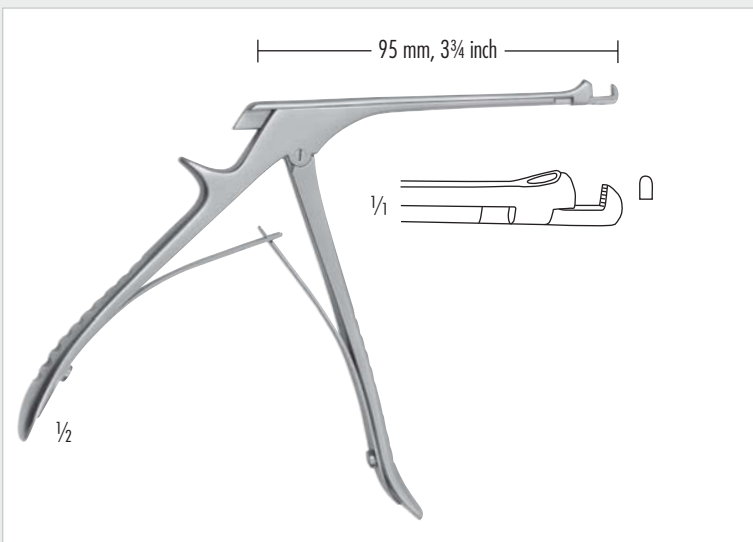
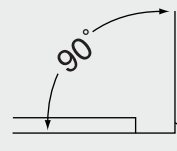


410-245-001 4 mm

410-245-002 5 mm

KERRISON

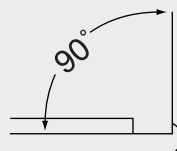
Knochenstanze
Bone Punch

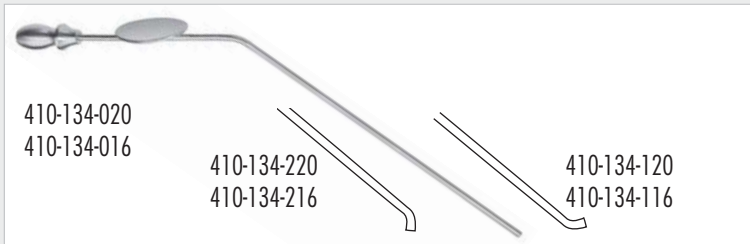


410-242-018 1,8 mm

CITELLI-BEYER

Knochenstanze
Bone Punch





VERHOEVEN

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

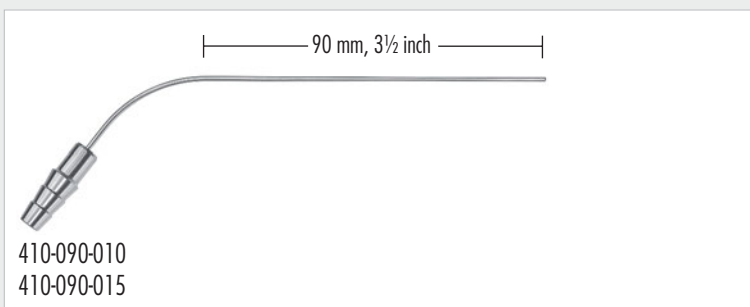
410-134-120 dito, nach oben
same, curved up

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

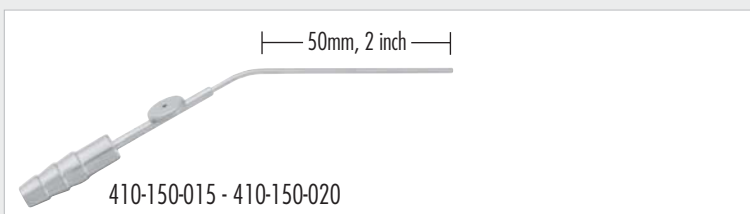
410-090-015 dito, 1,5 mm
same, 1.5 mm

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

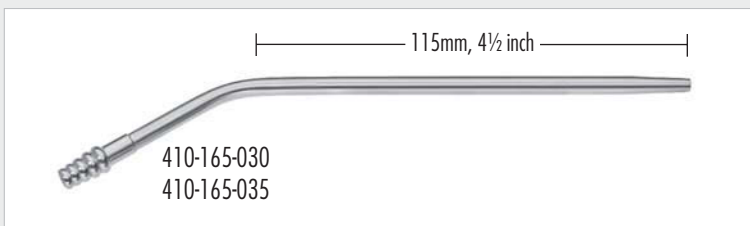


BARNES

410-150-015 Saugrohr, Luer, 1,5 mm
Suction tube, Luer, 1.5 mm

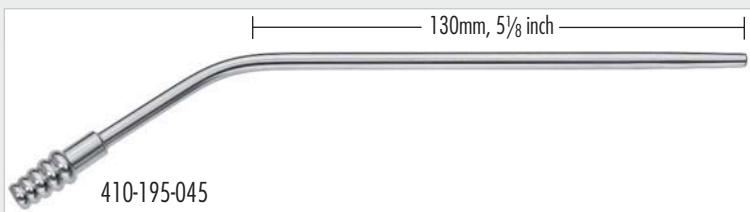
410-150-017 dito, 1,7 mm
same, 1.7 mm

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

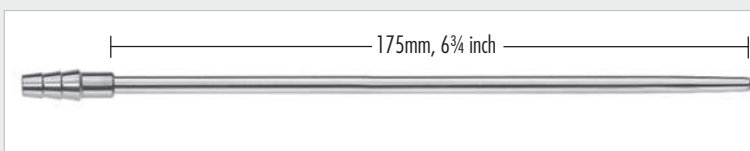


410-165-030 Saugrohr, konisch, 165 mm, Luer, 3,0 mm
Suction tube, conical, 165 mm, Luer, 3.0 mm

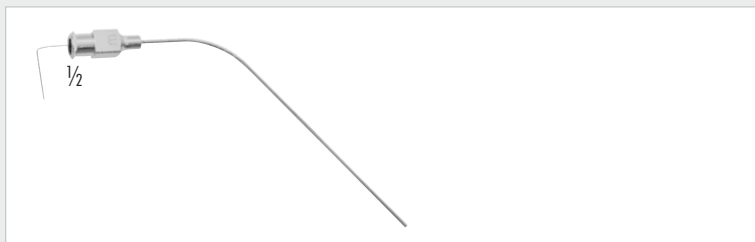
410-165-035 dito, 3,5 mm
same, 3.5 mm



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



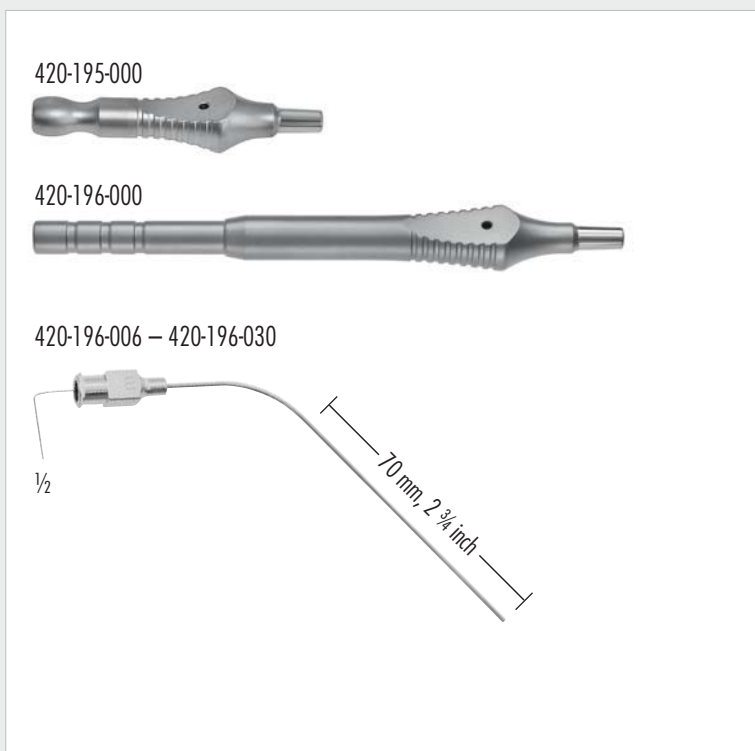
410-225-003 Saugrohr, biegsam, 225 mm, Ø 3mm, Luer
Suction tube, malleable, 225 mm, Ø 3mm, Luer



- 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

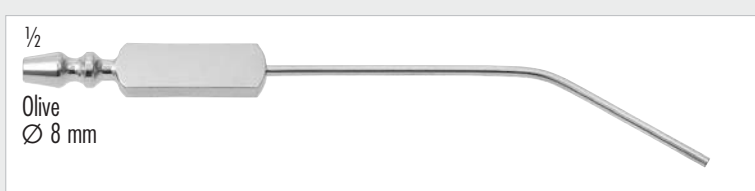
Saugadapter, 55 mm, Saugunterbrecher Durchmesser Olive: 7 mm
Suction adapter, 2 1/8", finger cut-off, Diameter olive: 7 mm

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

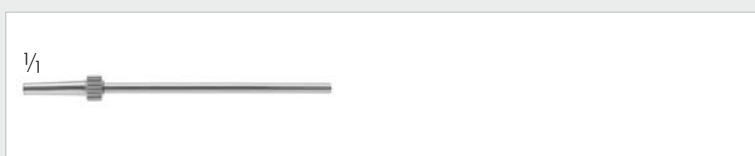
- 420-196-006 Ø 0.6 mm
- 420-196-008 Ø 0.8 mm
- 420-196-010 Ø 1.0 mm
- 420-196-012 Ø 1.2 mm
- 420-196-015 Ø 1.5 mm
- 420-196-018 Ø 1.8 mm
- 420-196-020 Ø 2.0 mm
- 420-196-022 Ø 2.2 mm
- 420-196-025 Ø 2.5 mm
- 420-196-030 Ø 3.0 mm



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

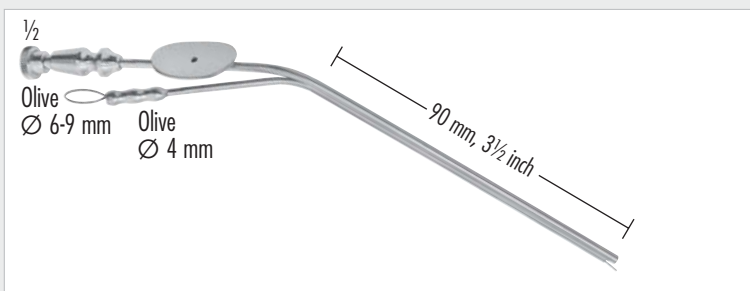
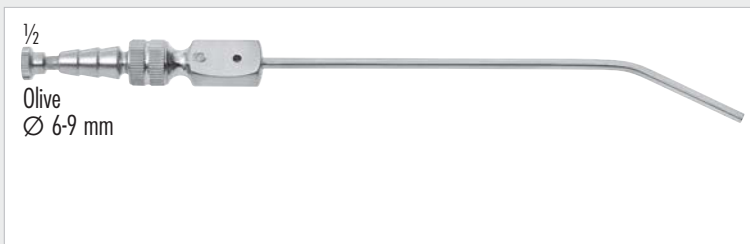
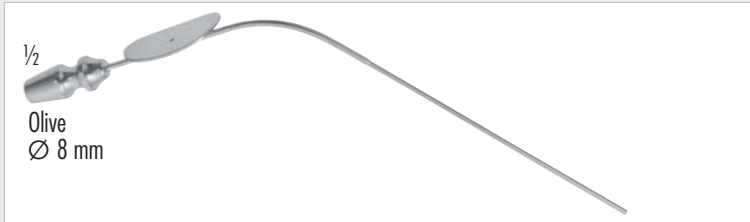
Auswechselbare Spitzen, Bestelleinheit: PZ = Packung á 10 Stück
Detachable suction tips, Sales unit: PZ = Package of 10 pieces



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 90° zur Biegung, LUER-Bohrung
Suction cannula with finger cut-off and stylet,
thumb piece 90° to curve, 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



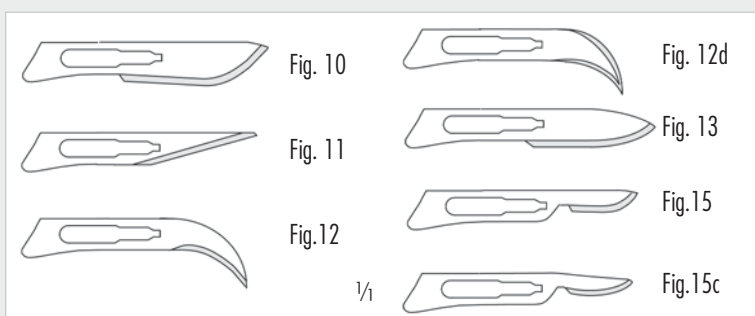
110-114-003
Skalpell Griff Nr. 3, graduiert, 130 mm
Scalpel Handle No. 3, graduated, 5 1/8 inch



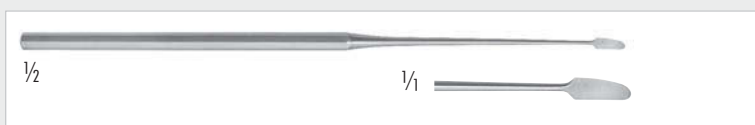
110-130-077
Skalpell Griff Nr. 7, 165 mm
Scalpel Handle No. 7, 6 1/2 inch



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



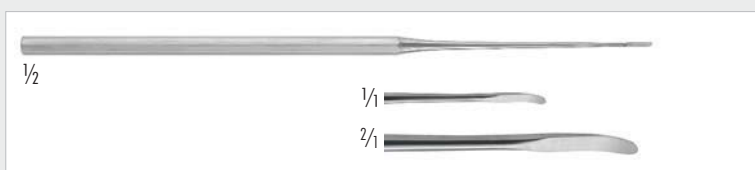
110-201-010 Fig.10
110-201-011 Fig.11
110-201-012 Fig.12
110-201-112 Fig.12d
110-201-013 Fig.13
110-201-015 Fig.15
110-201-115 Fig.15c
Skalpellklingen Fig. 15, steril, PA à 100 Stück
Scalpel blades Fig. 15, sterile, PA = 100 pieces



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



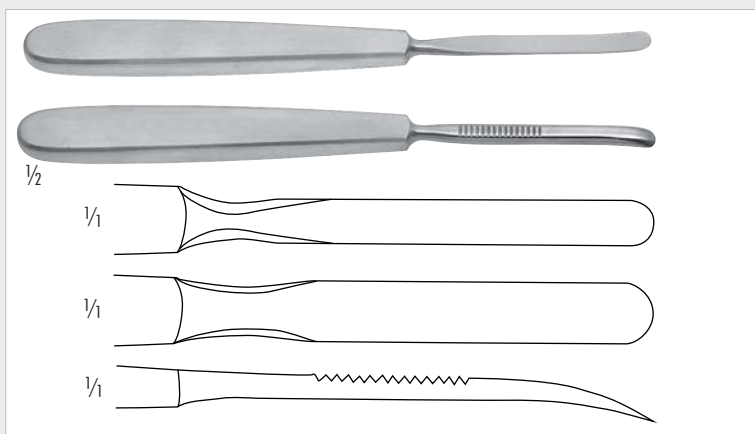
410-328-165
BEALES
Raspatorium, 165 mm
Raspatory, 6 1/2 inch



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

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



120-057-140

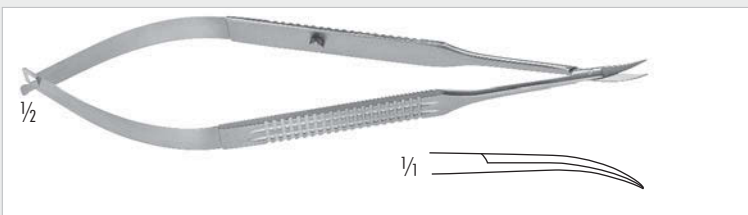
SANVENERO

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

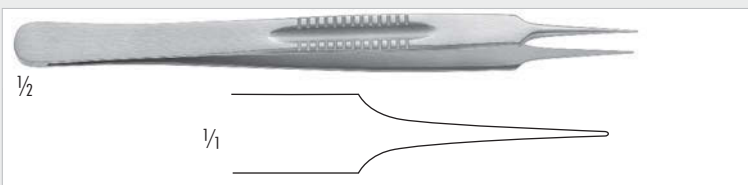
MILLES

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



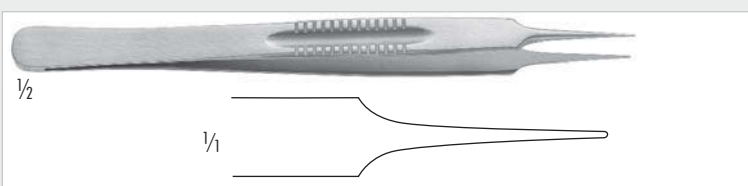
250-064-079

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

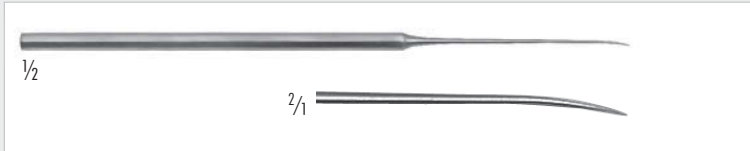
Feine anatomische Pinzette, gebogen, 100 mm
Delicate dressing forceps, curved, 4 inch



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

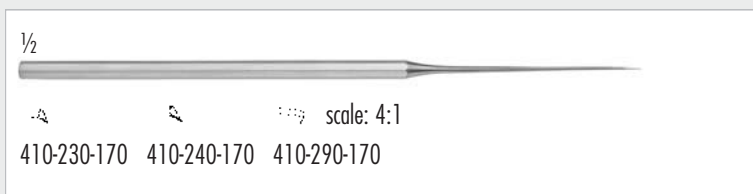
Mikro-Häkchen, 45° abgewinkelt, 160 mm
Micro Hook, 45° angled, 6 1/4 inch



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

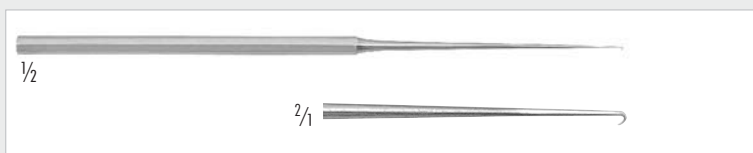
Mikro-Häkchen, 90° abgewinkelt, 160 mm
Micro Hook, 90° angled, 6 1/4 inch



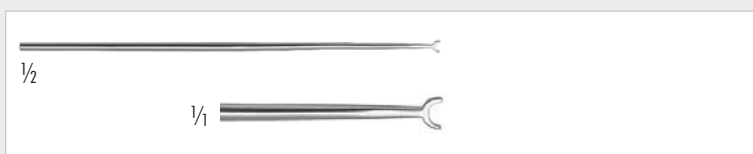
410-230-170 0.33mm Spitze/tip, 30° gebogen/angled
410-240-170 0.66mm Spitze/tip, 30° gebogen/angled
410-290-170 0.33mm Spitze/tip, 90° gebogen/angled

HOUSE

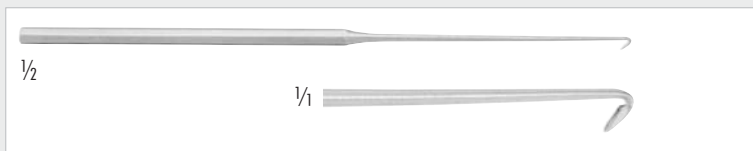
Oval Window Pick, 8-kant Griff, spitz, 17cm
Oval Window Pick, Octagon handle, pointed, 6³/₄ inch



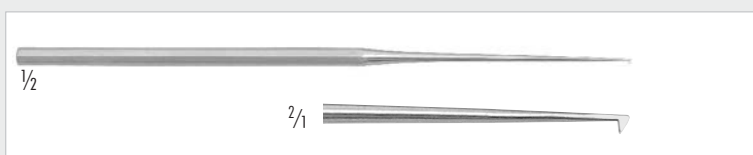
410-119-010 1,0 mm
410-119-011 2,5 mm
Mikro-Häkchen, retrograd gebogen, 160 mm
Micro hook, reverse curved, 6 1/4 inch



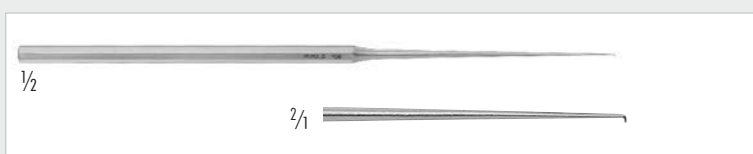
410-119-110
BLOCH
Ohrstopfer, 110 mm
Aural plugger, 4 1/3 inch



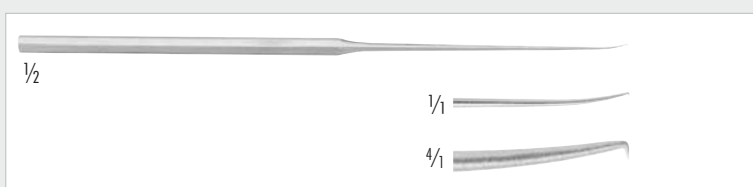
410-120-020 2,0 mm
PLESTER
Ohrschaber, 60° abgewinkelt, zum Anfrischen der Trommelfellrückseite, 160 mm
Aural scraper, 60° angled, for roughening of tympanum surface, 6 1/4 inch



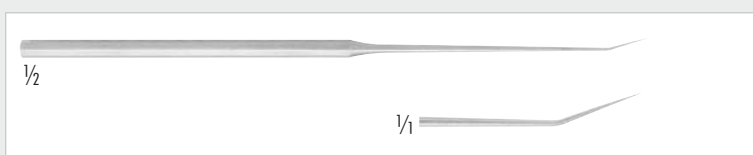
410-216-006 0,6 mm
HEERMANN
Häkchen, retrograd schneidend, 160 mm
Hook, reverse cutting, 6 1/4 inch



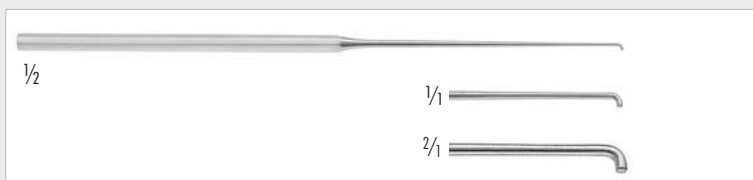
410-216-004 0,4 mm
PLESTER
Fußplatten-Häkchen, 90° abgewinkelt, oval, stumpf, 160 mm
Footplate hook, 90° angled, oval, blunt, 6 1/4 inch



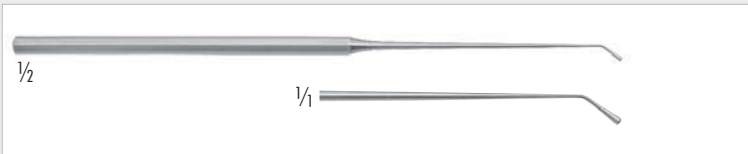
410-216-007
Mikro-Häkchen, leicht abgewinkelte Spitze, 160 mm
Mikro Hook, slightly angled at tip, 6 1/4 inch



410-216-008
BEALE
Mikro-Ohrhäkchen, nach oben abgewinkelt, 160 mm
Footplate Hook, angled upwards for removal of footplate, 6 1/4 inch



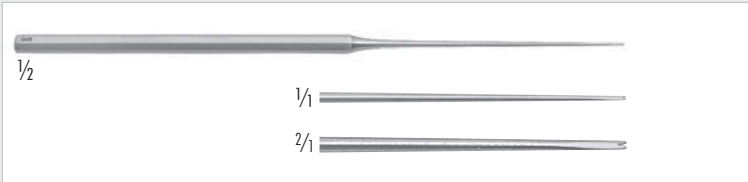
410-216-009
PLESTER
Antrumhäkchen, 90° abgewinkelt, zylindrisch, 160 mm
Antrum hook, 90° angled, cylindric, 6 1/4 inch



410-216-045

PLESTER

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



410-216-160

PLESTER

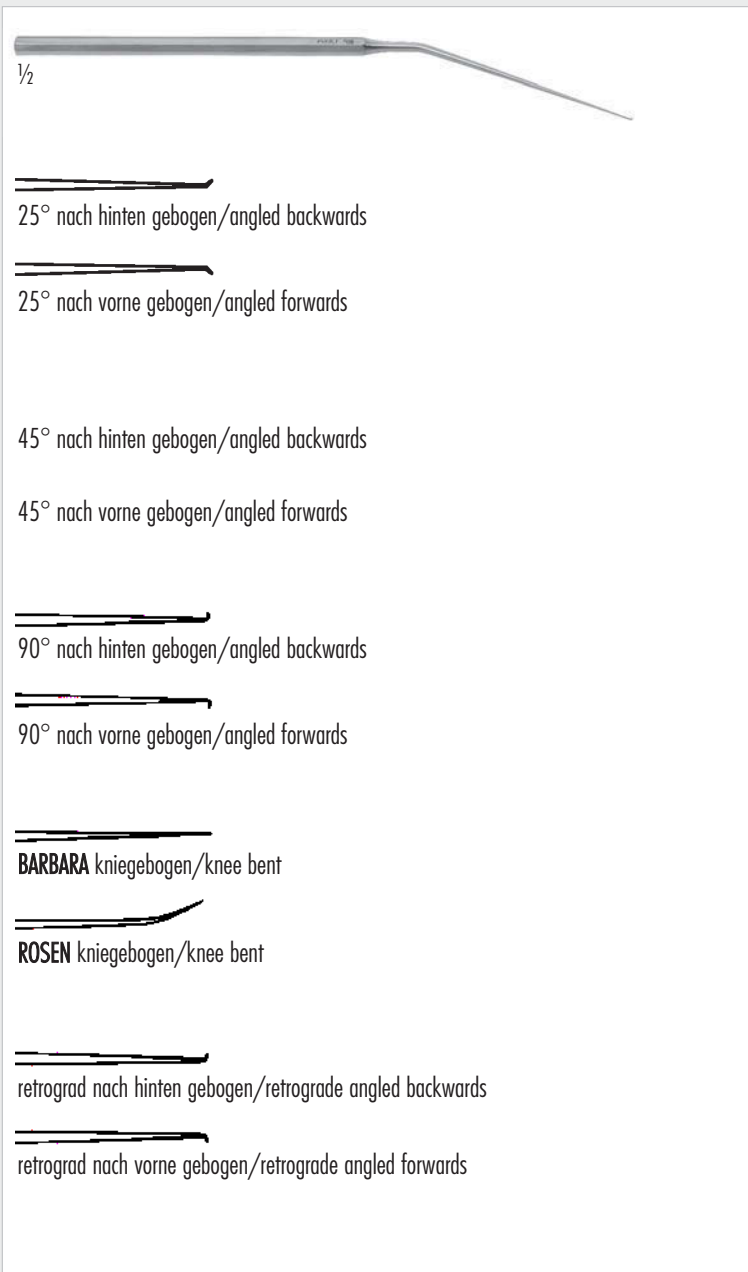
Applikationsinstrument (Führungsgabel, Stapesreiter) für Stapesprothesen mit Drahtschlinge, (Arbeitsende flach), 160 mm
Wire guide and applicator for stapes prosthesis, flat end with V-notch, 6 1/4 inch



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

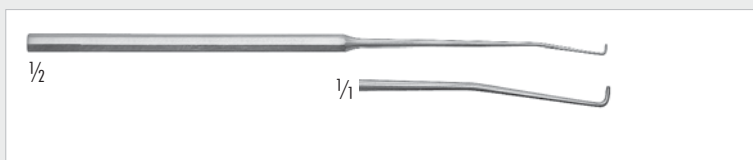
410-216-003 0,3 mm
410-216-005 0,6 mm
410-216-010 1,0 mm

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



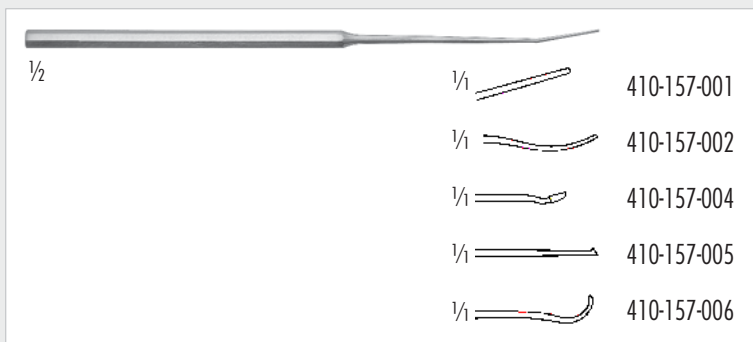
410-157-090 3 mm stumpf/blunt

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

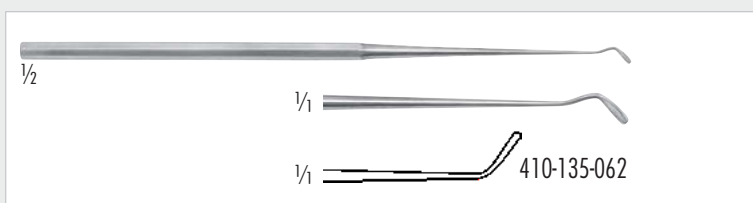
Hook retrograde cutting, 0.6 mm

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

AUSTIN

165 mm

6 1/2 inch



410-135-060 doppelt gebogen links

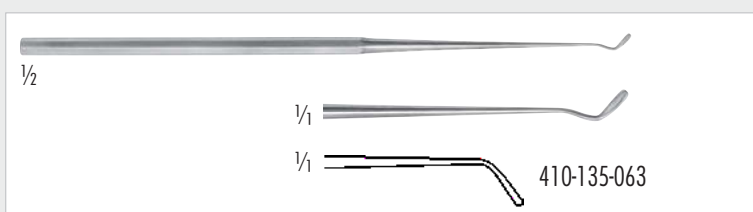
double curved left

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

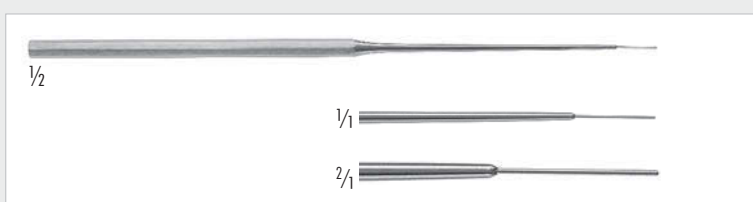
double curved rechts

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

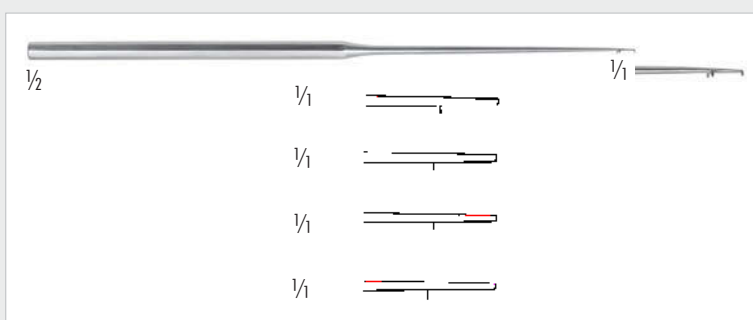
410-137-014 0,4 mm

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

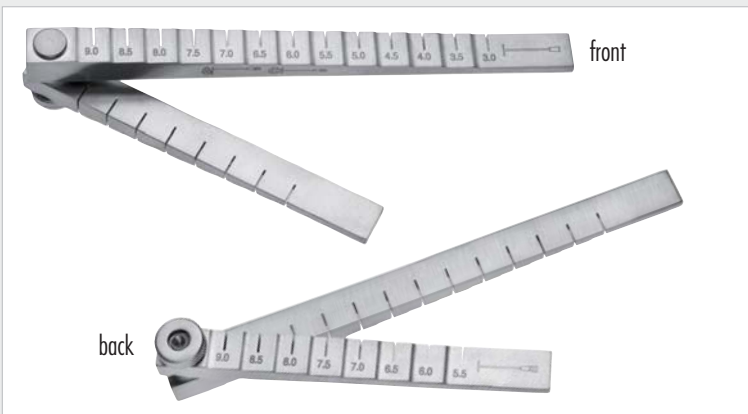
410-142-140 Markierung 4,0 mm/Mark 4.5 mm

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 stapedia 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

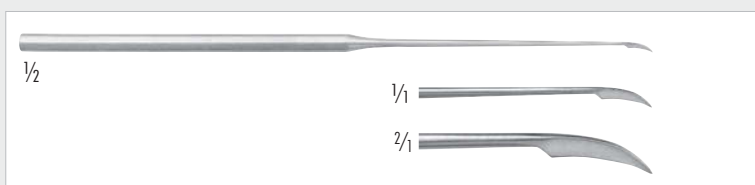


410-101-160

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

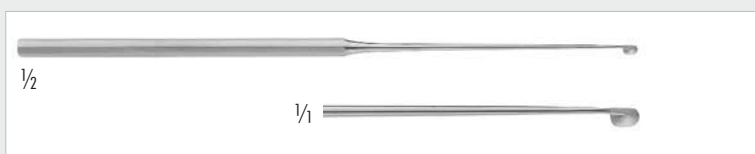


410-124-160 2,4 mm x 3 mm

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

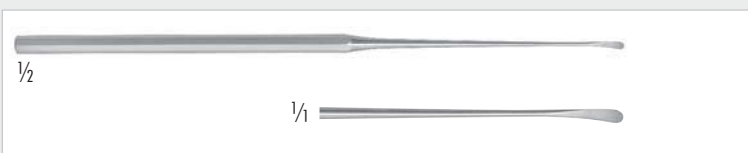
Rundschnittmesser, 90° abgewinkelt, 160 mm
 Round cutting knife, 90° angled, 6 1/4 inch



- 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

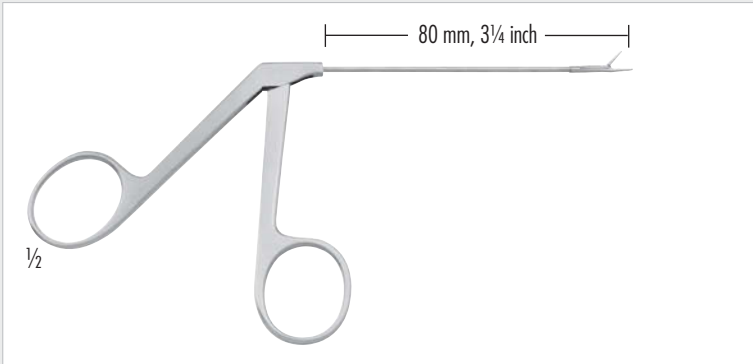


- 410-135-051 1,8 mm breit / wide
- Raspatorium, Spitze rund, zum Ablösen von weichem Gewebe, leicht aufgebogen, 160 mm
- Elevator, round edge, slightly curved, for dissection of soft tissue, 6 1/4 inch

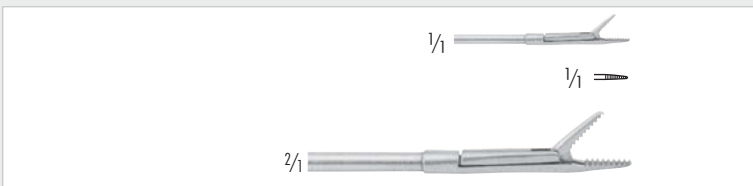


- 410-154-130 12x15mm Blatt, 130 mm
- 12x15mm plates, 5 1/8 inch
- 410-154-180 11x14 mm Blatt, 180 mm
- 11x14 mm plates, 7 inch
- 410-155-180 30x30mm Blatt, 180 mm
- 30x30mm plates, 7 inch
- 410-156-180 22x30mm Blatt, 180 mm
- 22x30mm plates, 7 inch

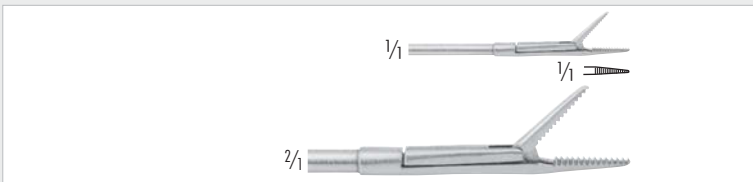
Implantate Presszange, glattes rechteckiges Maul
 Vein graft, press forceps, smooth square jaws,



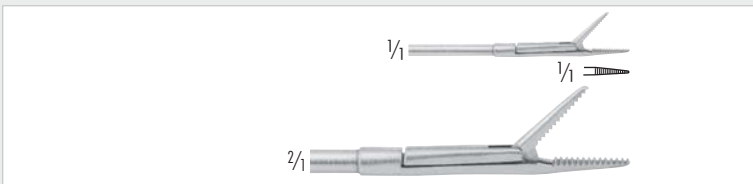
410-330-000 - 410-339-000
Mikro Faßzängchen, **Rohrschaft**
Micro aural forceps with **tubular shaft**



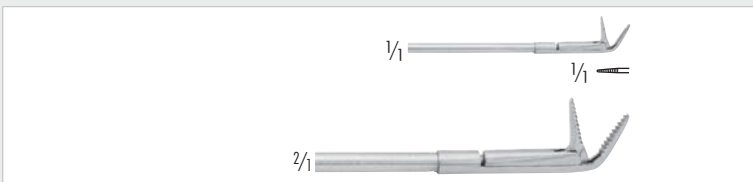
410-330-000 0,8 x 3,5 mm
gerade
straight



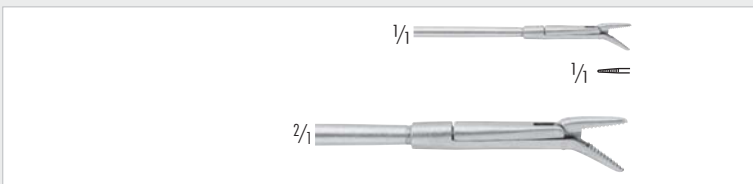
410-335-000 1 x 5 mm
gerade
straight



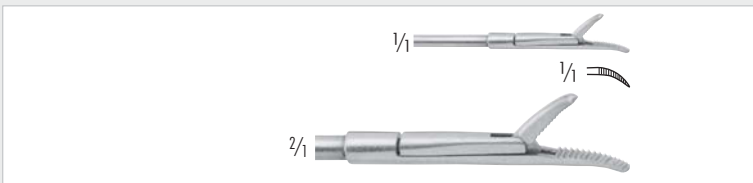
410-321-000 1,5 x 6,0 mm
gerade
straight



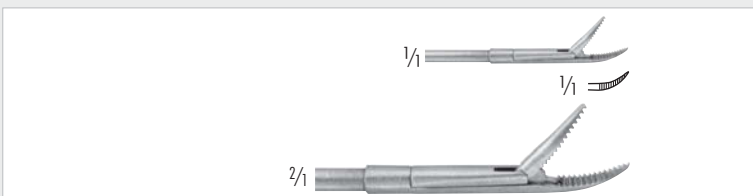
410-330-200 0,8 x 3,5 mm
65° nach oben gebogen
curved up 65°



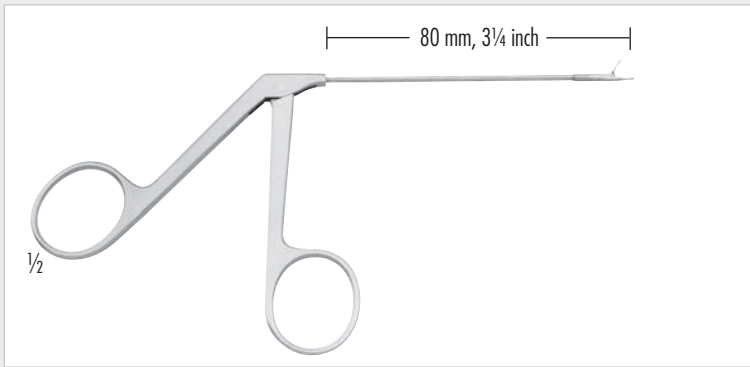
410-332-000 0,8 x 3,5 mm
45° nach unten gebogen
curved down 45°



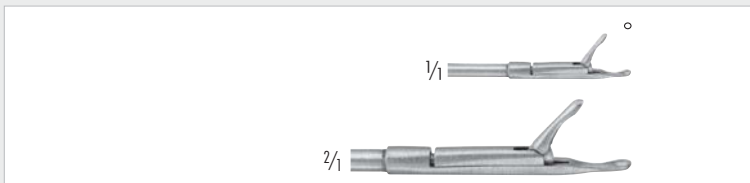
410-339-000 1 x 5 mm
rechts gebogen
curved to the right



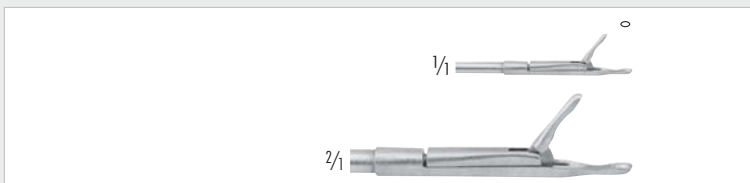
410-338-000 1 x 5 mm
links gebogen
curved to the left



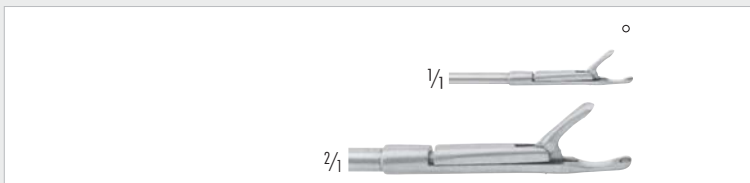
410-341-000 - 410-348-000
Mikro-Löffelzängchen, **Rohrschaft**
Micro cupped forceps with **tubular shaft**



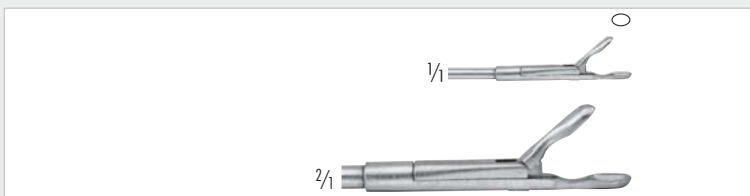
410-341-000 0,9 x 1,0 mm
gerade, Löffel oval
straight, oval cup



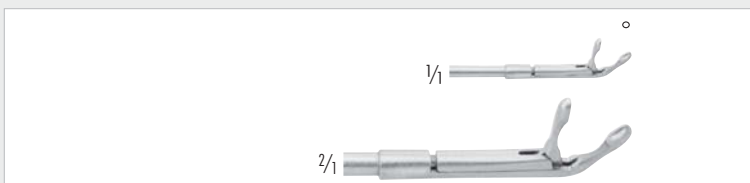
410-345-000 0,8 x 1,3 mm
WULLSTEIN
gerade, Löffel oval
straight, oval cup



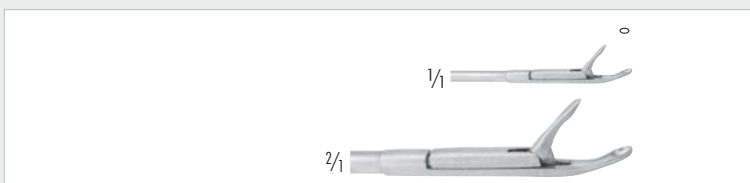
410-346-000 Ø 1,0 mm
WULLSTEIN
gerade, Löffel rund
straight, round cup



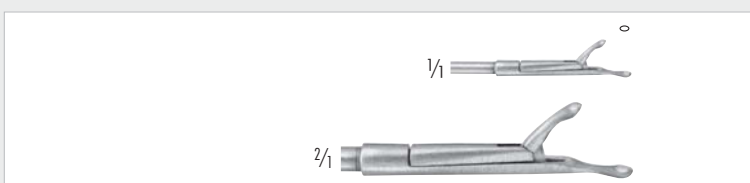
410-348-000 1,7 x 2,5 mm
WULLSTEIN
gerade, Löffel oval
straight, oval cup



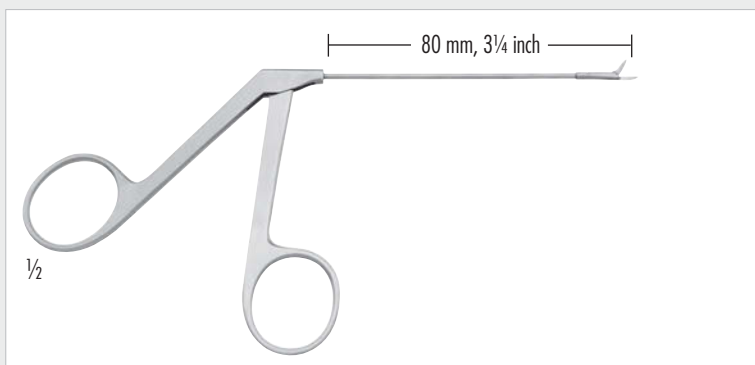
410-342-000 0,9 x 1,0 mm
gebogen, Löffel oval
curved up, oval cup



410-343-000 0,8 x 1,3 mm
WULLSTEIN
links gebogen, Löffel oval
curved to the left, oval cup

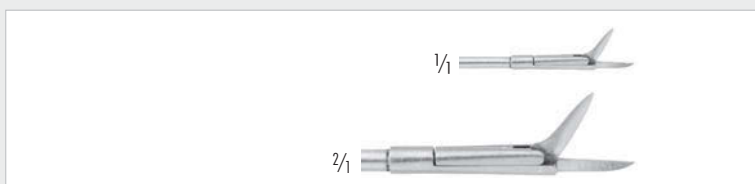


410-344-000 0,8 x 1,3 mm
WULLSTEIN
rechts gebogen, Löffel oval
curved to the right, oval cup



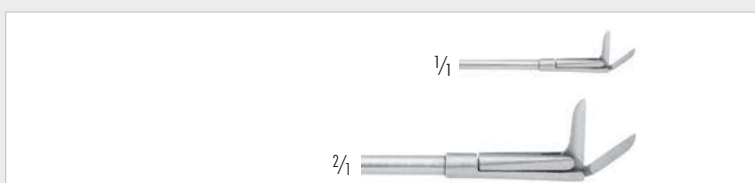
410-350-000 - 410-360-000

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



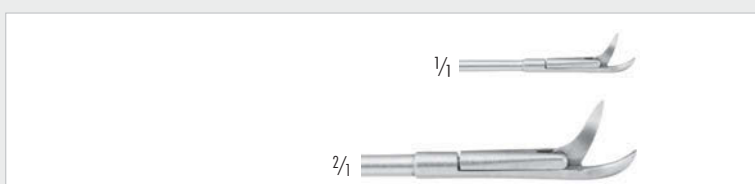
410-350-000 5mm

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



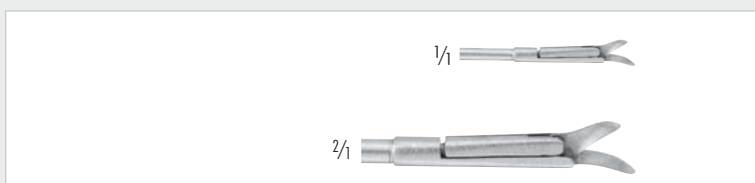
410-351-000 5mm

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



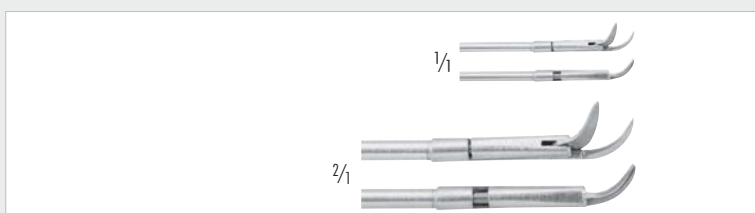
410-352-000 5mm

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



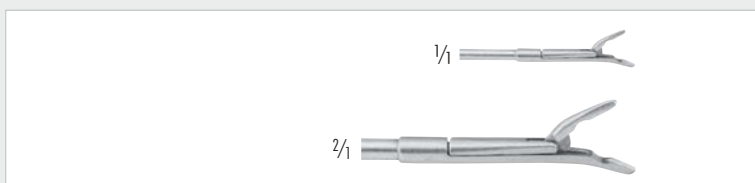
410-353-000 5mm

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



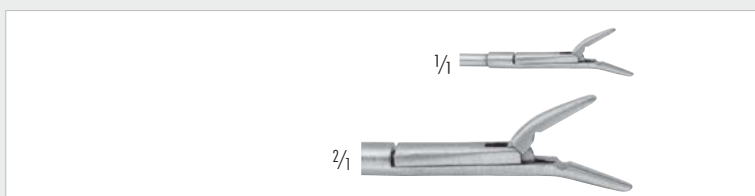
410-355-000

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



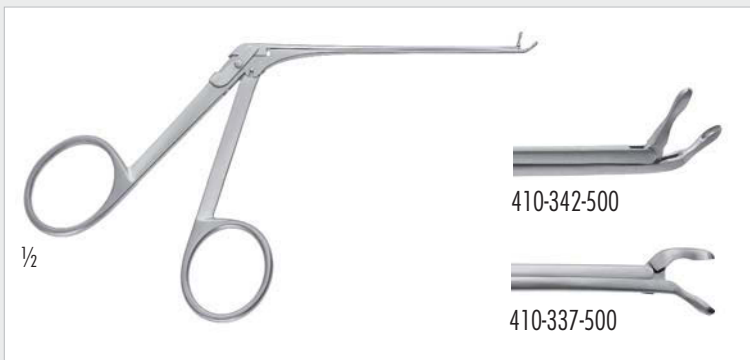
410-341-500 gerade/straight

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

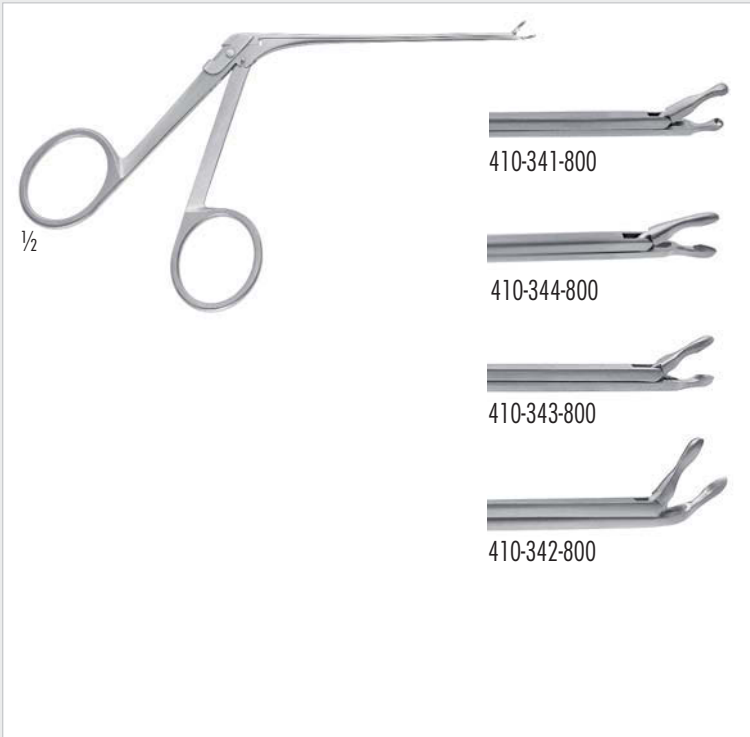


410-342-500 aufwärts/upwards curved

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

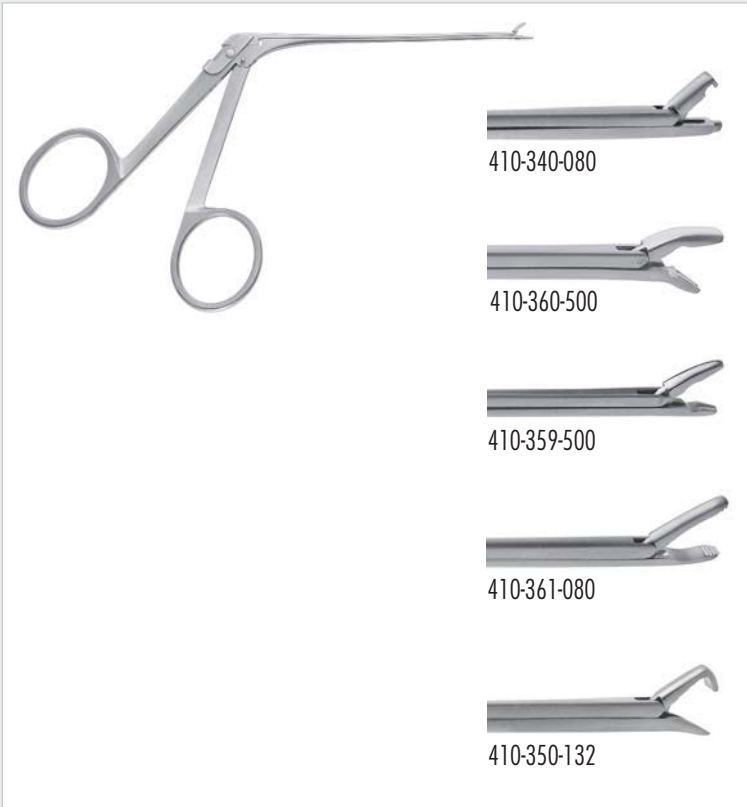
Seitenschneider, gewinkelt, feines Modell, Arbeitslänge: 80 mm
 Crura Nipper Forceps, angled, fine model, Working length: 3 1/8 inch



- 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

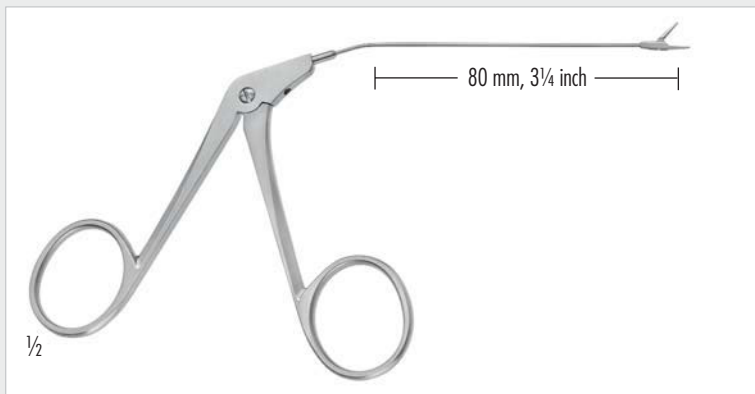
Ohrscherchen, mittleres Modell, 5,0 mm Schneide,
Arbeitslänge: 87 mm

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

410-223-010

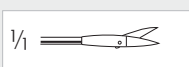
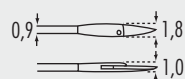
Paukenröhrchen Einführinstrument, 100mm
Tube insertion instrument, 100mm





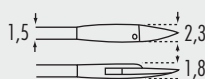
Ohrscheren, **Rohrschaft**
Aural scissors, **tubular shaft**

Ohrscheren
Aural scissors



410-352-010

Ohrscheren
Aural scissors

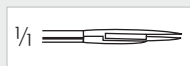


410-351-010

gerade
straight



410-352-020



410-351-020

gerade horizontal
straight horizontal

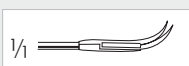


410-352-030

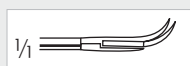


410-351-030

aufgebogen
angled up

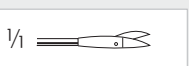


410-352-040

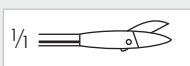


410-351-040

aufgebogen horizontal
angled up horizontal

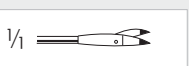


410-352-050

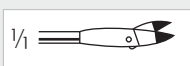


410-351-050

rechts gebogen
curved right

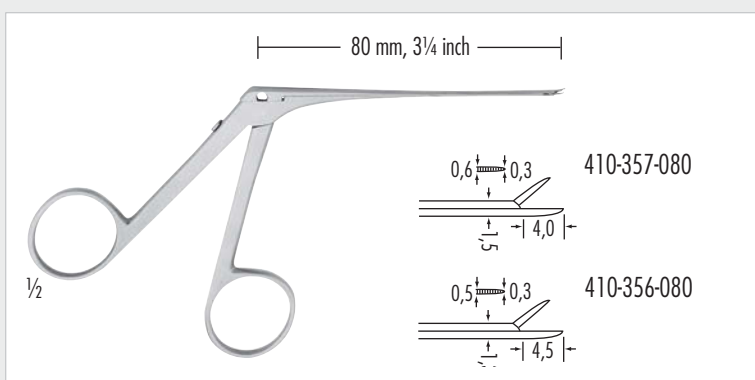


410-352-060



410-351-060

links gebogen
curved left

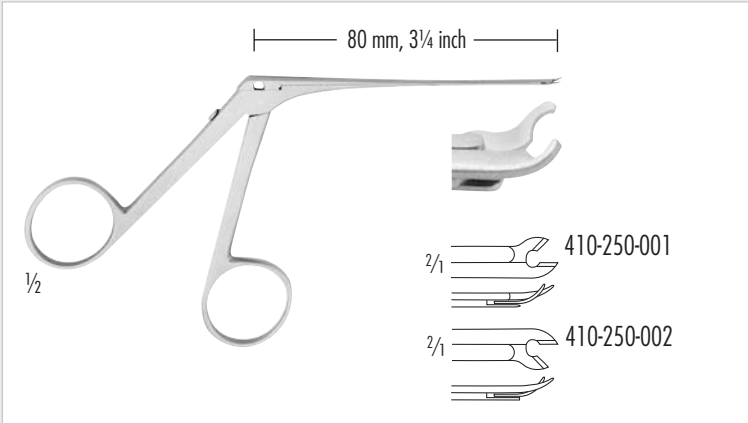


410-357-080 0,6 x 4 mm

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



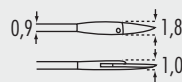
410-250-001 nach rechts öffnend/opening to right
 410-250-002 nach links öffnend/opening to left

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



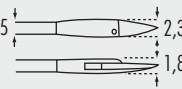
410-302-000
 Neurektomie Schere, 160 mm
 Neurectomy scissors, 6 1/4 inch

Neurektomiescheren
 Neurectomy scissors



410-303-000

Neurektomiescheren
 Neurectomy scissors



410-302-000

gerade
 straight



410-303-010



410-302-010

gerade horizontal
 straight horizontal



410-303-020



410-302-020

aufgebogen
 angled up



410-303-030



410-302-030

aufgebogen horizontal
 angled up horizontal



410-303-040



410-302-040

rechts gebogen
 curved right

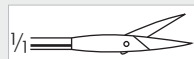


410-303-050



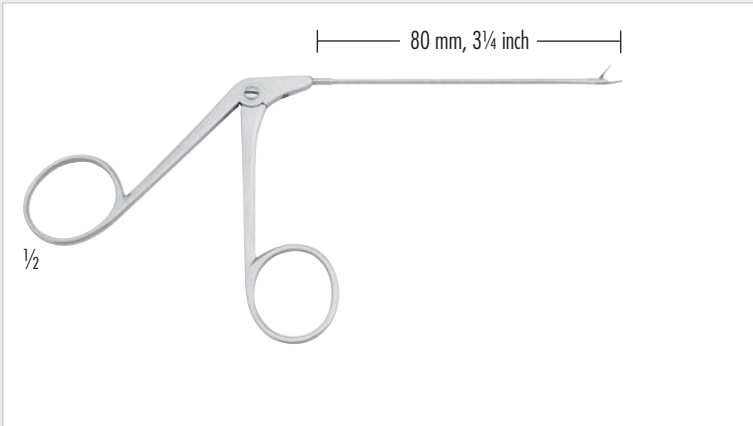
410-302-050

links gebogen
 curved left



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

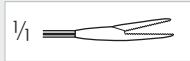
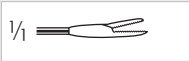
1 x 2 Zahn
1 x 2 teeth

gerieftes Maul
serrated jaws

Alligator Maul
alligator jaws

Ohrzangen
Aural forceps

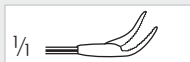
gerade
straight



410-343-100

410-341-100

410-340-100

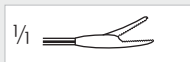


410-343-200

410-341-200

410-340-200

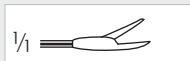
aufgebogen
angled up



410-341-300

410-340-300

rechts gebogen
curved right



410-341-400

410-340-400

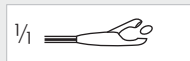
links gebogen
curved left

o 1 mm Ø

oval
oval

Löffelzangen
Cup-shaped forceps

gerade
straight



410-340-110

410-340-210



410-340-120

410-340-220

aufgebogen
angled up



410-340-130

410-340-230

rechts gebogen
curved right



410-340-140

410-340-240

links gebogen
curved left



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

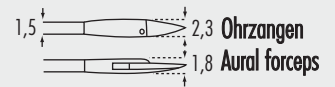


410-342-110

Alligator Maul
 alligator jaws

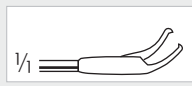


410-342-210

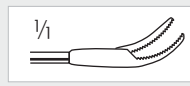


Ohrzangen
 Aural forceps

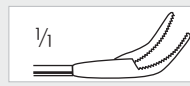
gerade
 straight



410-342-200

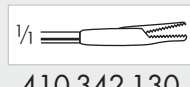


410-342-120

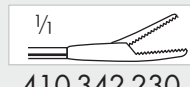


410-342-220

aufgebogen
 angled up

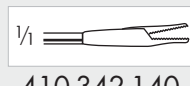


410-342-130



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

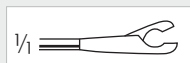
Löffelzangen
 Cup-shaped forceps



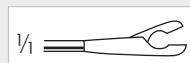
410-343-110



410-343-210



410-343-310



410-343-410



410-343-510

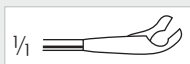
gerade
 straight



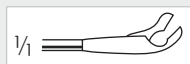
410-343-120



410-343-220



410-343-320



410-343-420

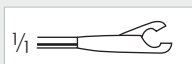


410-343-520

aufgebogen
 angled up



410-343-130



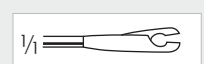
410-343-230



410-343-330

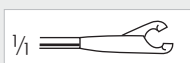


410-343-430

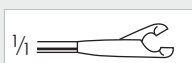


410-343-530

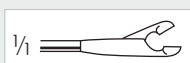
rechts gebogen
 curved right



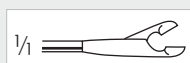
410-343-140



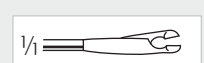
410-343-240



410-343-340



410-343-440



410-343-540

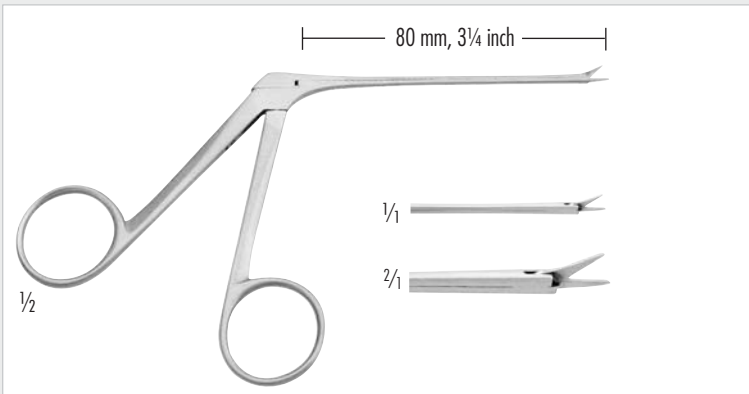
links gebogen
 curved left

Schieberschaft Instrumente/Sliding shaft Instruments

410-354-000 4.0 mm x 1.5 mm

CAWTHORNE

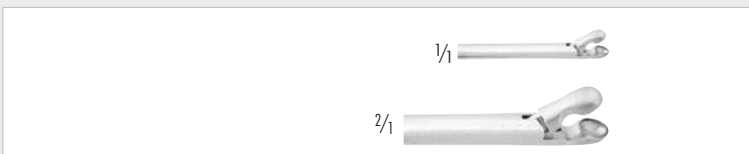
Mikro-Ohrscherchen, gerade, spitz/spitz
Micro scissors, straight, sharp/sharp



410-423-000 4.0 mm x 1.7 mm

ORMEROD

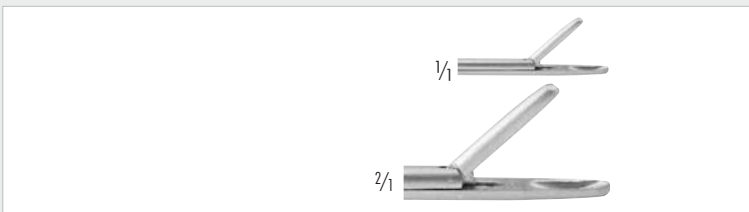
Mikro-Löffelzängchen, gerade, Löffel rund
Micro cupped forceps, straight, round cup



410-424-000 5 mm x 1 mm

ORMEROD

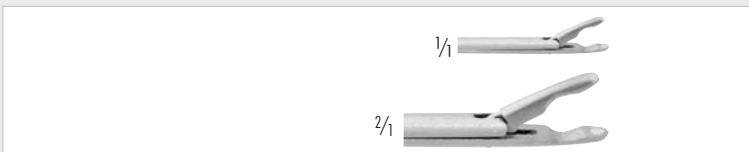
Mikro-Löffelzängchen, gerade, Löffel oval
Micro cupped forceps, straight, oval cup



410-349-000 4.0 mm x 0.8 mm

SHEA

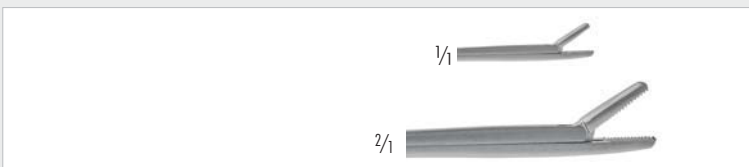
Mikro-Löffelzängchen, gerade, Löffel oval
Micro cupped forceps, straight, oval cup



410-329-000 1 mm x 5.0 mm

HOUGH

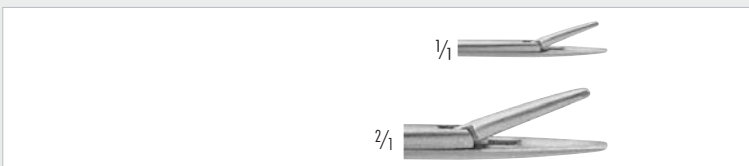
Mikro-Ohrzängchen, gerade, gerieftes Maul
Micro Alligator forceps, straight, serrated jaws



410-334-000 1.25 mm x 7.0 mm

CAWTHORNE

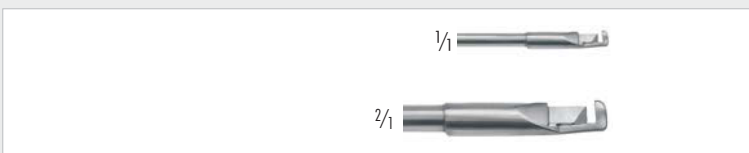
Mikro-Ohrzängchen, gerade, glattes Maul
Micro Alligator forceps, straight, smooth jaws



410-300-000

HOUSE-DIETER

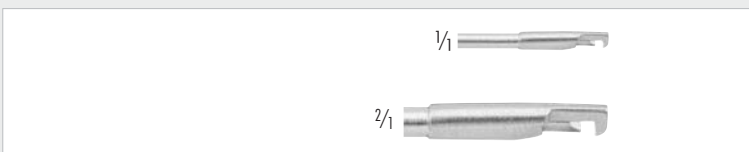
Mikro-Stanze, nach oben schneidend
Malleus nipper, upwards cutting

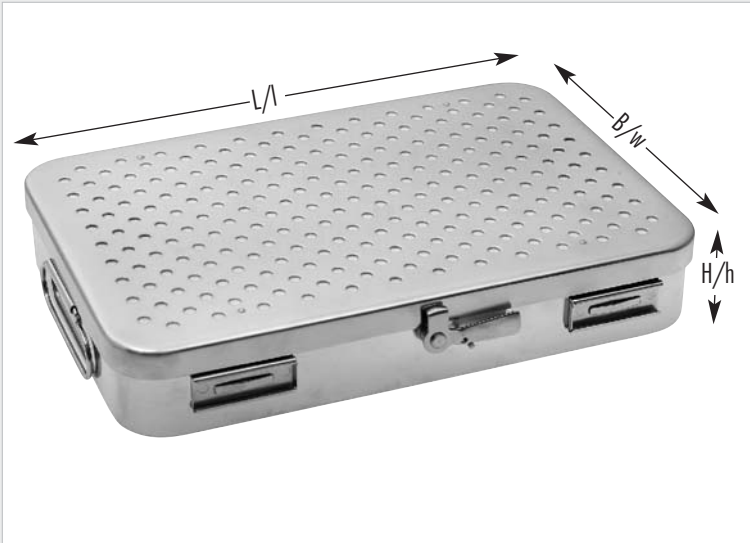


410-301-000

HOUSE-DIETER

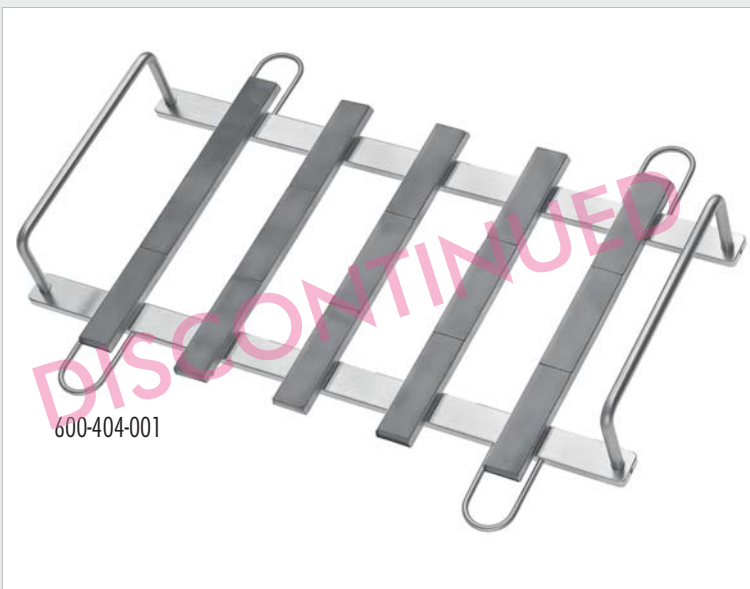
Mikro-Stanze, nach unten schneidend
Malleus nipper, downwards cutting





| | |
|-------------|----------------------|
| 600-405-420 | 420mm x 175mm x 75mm |
| 600-405-300 | 300mm x 200mm x 75mm |
| 600-400-300 | 300mm x 200mm x 50mm |
| 600-400-200 | 200mm x 100mm x 40mm |
| 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

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

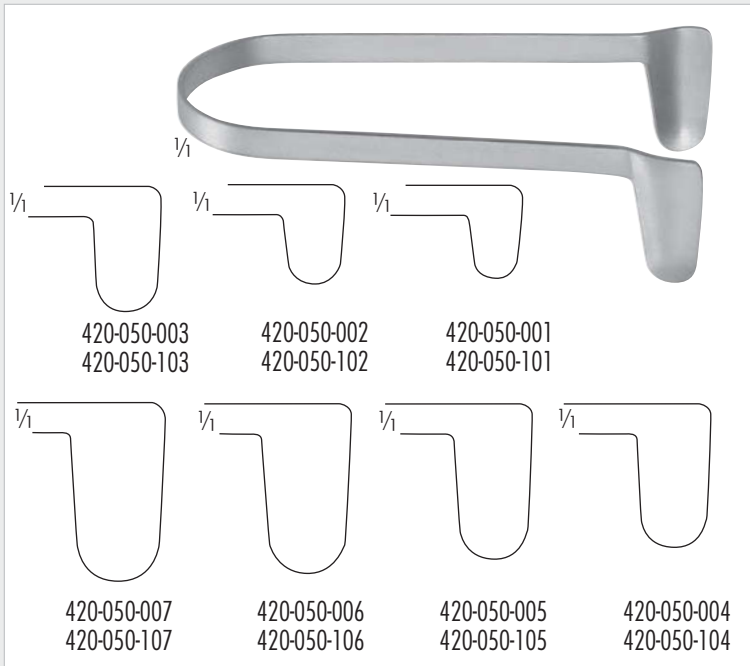




RHINOLOGY

RHINOLOGY

Instruments and
Equipment for
Rhinology



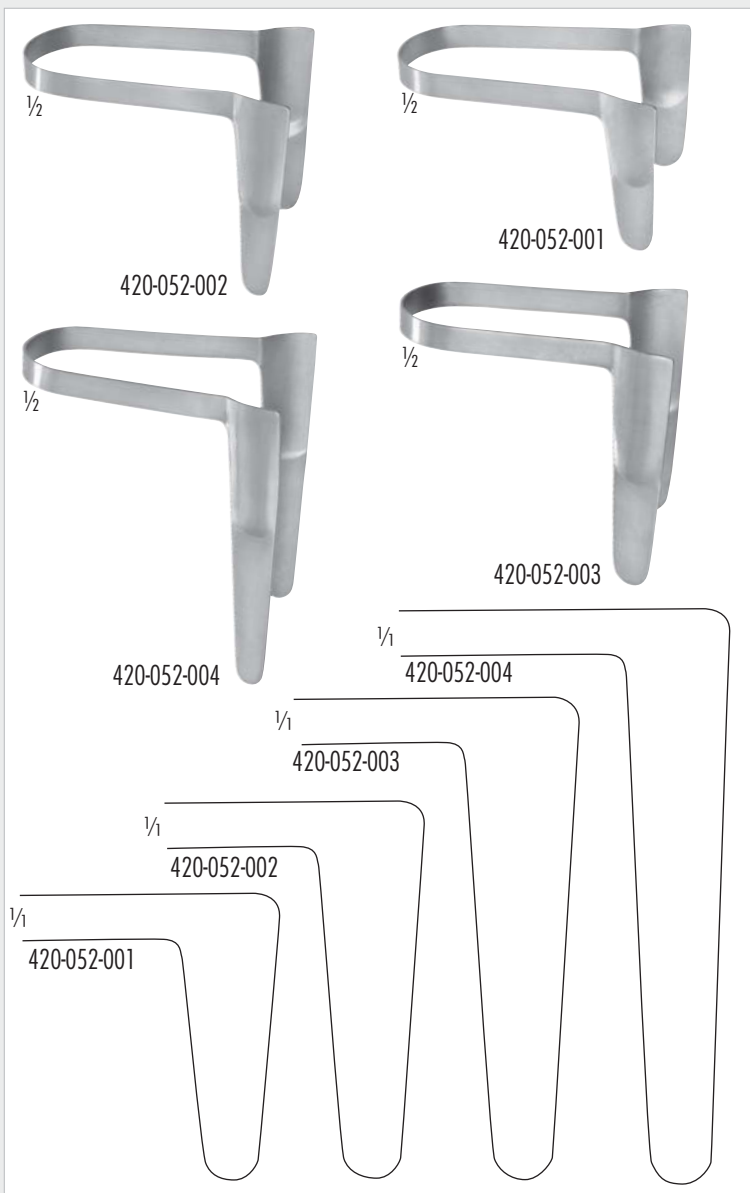
- 420-050-001 8,5 x 6,0 mm
- 420-050-002 9,0 x 7,0 mm
- 420-050-003 12,5 x 8,0 mm
- 420-050-004 15,0 x 8,5 mm
- 420-050-005 16,5 x 9,0 mm
- 420-050-006 18,0 x 10,0 mm
- 420-050-007 19,5 x 10,5 mm

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

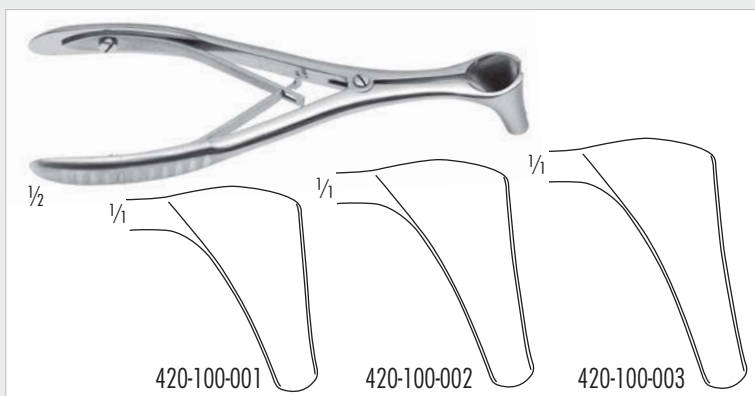
Nasenspekulum, **isoliert**, 70 mm
Nasal specula, **insulated**



- 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



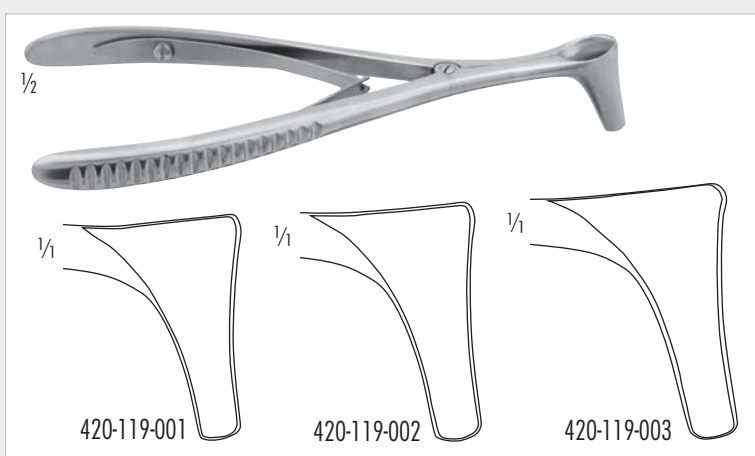
420-100-001 Fig.1 27 x 7 mm

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

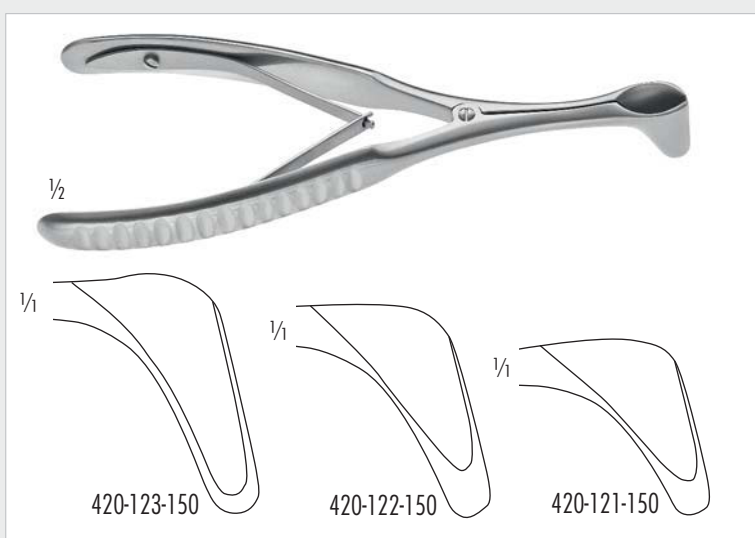
420-119-002 33 x 7 mm

420-119-003 35 x 7 mm

HARTMANN

Nasenspekulum, 160 mm

Nasal specula, 6 1/4 inch



420-121-150 21 mm

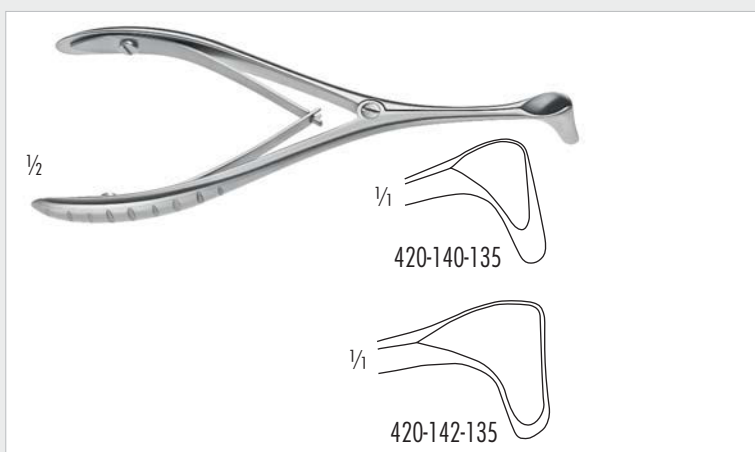
420-122-150 31 mm

420-123-150 35 mm

HARTMANN-HALLE

Nasenspekulum, 155 mm

Nasal specula, 6 inch



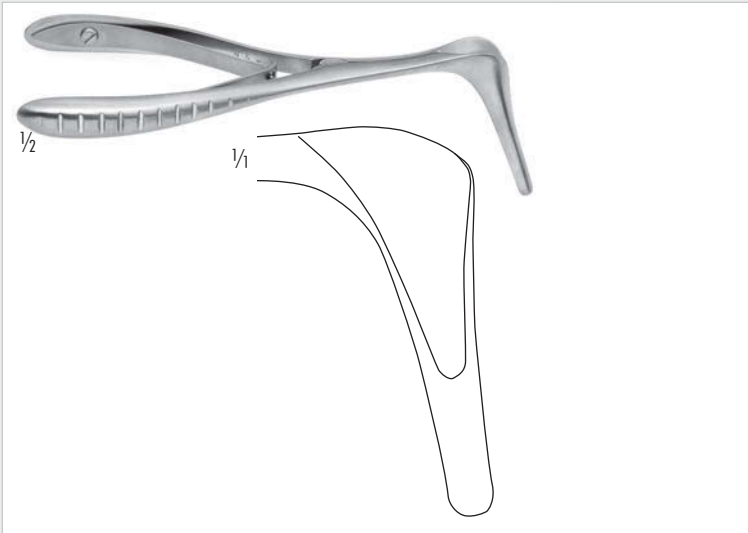
420-140-135 klein/small

420-142-135 groß/large

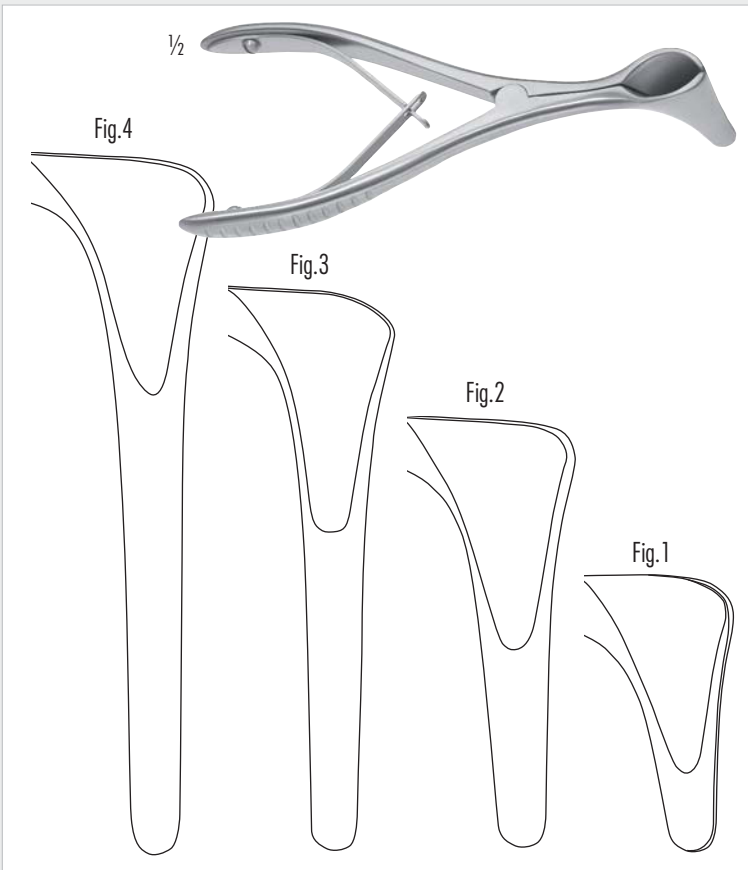
TIECK-HALLE

Nasenspekulum, Kindermodelle, 135 mm

Nasal specula, pediatric pattern, 5 1/4 inch



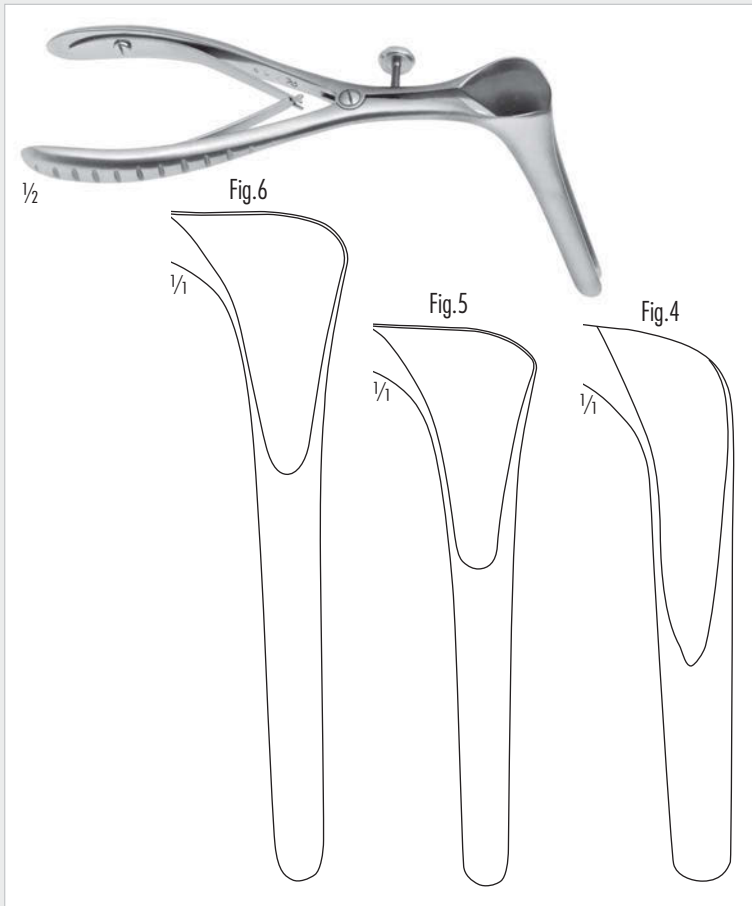
420-134-050 50 x 6 mm
COTTLE
 Septumspekulum, leicht spitz zulaufend
 Septum specula, slightly tapered blades



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



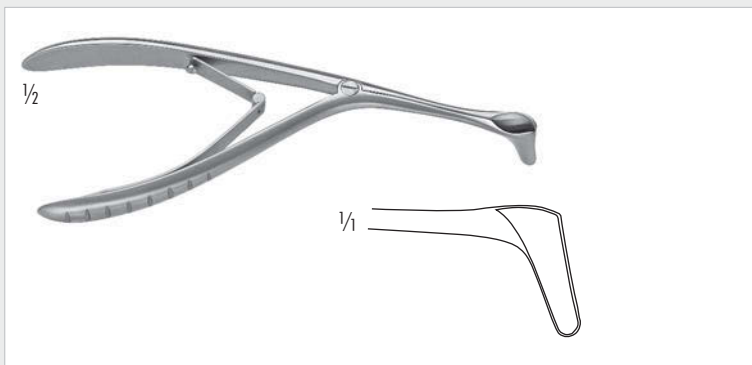
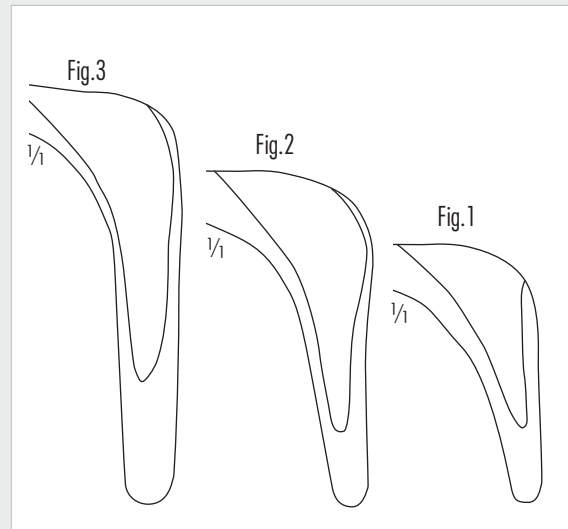
420-744-055 55 mm
 420-744-075 75 mm
 420-744-090 90 mm
KILLIAN
 Nasenspekulum, mit abnehmbarem Kaltlichtträger, 130 mm
 Nasal specula, with detachable cold light carrier, 5 inch



- 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

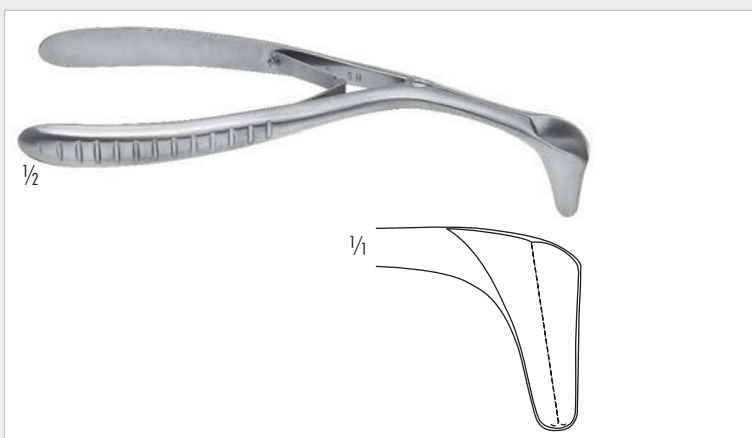
Nasenspekula mit Stellschraube, 135 mm
 Nasal specula with sets-screw, 5 1/4 inch



420-147-140

BECKMANN

Nasenspekula, Kindermodell, seitwärts gebogen, 150 mm
 Nasal specula, pediatric pattern, curved sidwards, 6 inch



420-148-150

BECKMANN

Nasenspekula, seitwärts gebogen, 150 mm
 Nasal specula, curved sidwards, 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

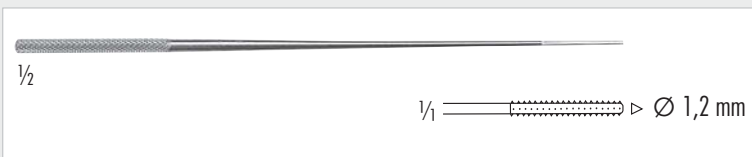
Sinus Specula for use with flexible arm, with teeth, with set screw



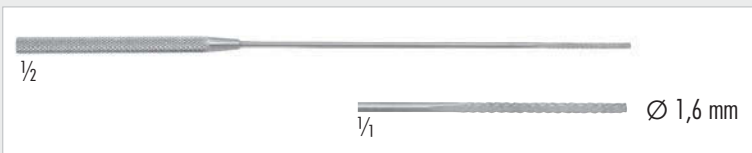
420-150-160
Nasensonde, kniegebogen, 160 mm
Nasal probe, knee angled, 6 1/4 inch



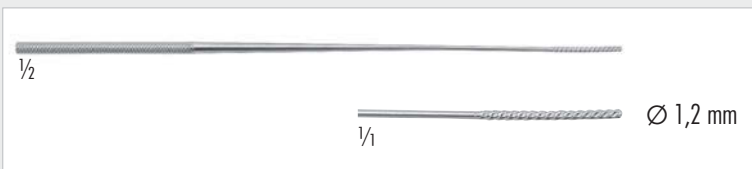
420-150-165
KILLIAN
Nasensonde, leicht gebogen, 165 mm
Nasal probe, slightly curved, 6 1/2 inch



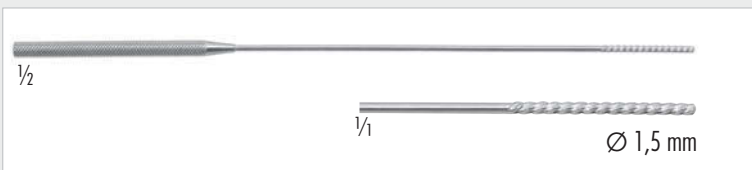
160-426-165 Ø 1,2 mm
LATHBURY-FARRELL
Nasenswatteträger, Arbeitsende dreikant gerieft, 160 mm
Nasal applicator, triangular serrated end, 6 1/4 inch



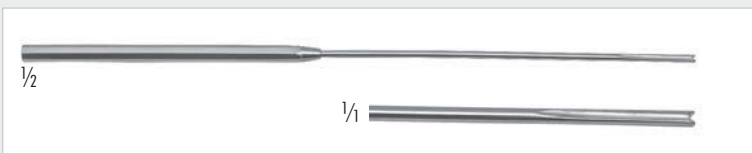
160-426-160 Ø 1,6 mm
Nasenswatteträger, Arbeitsende dreikant gerieft, 160 mm
Nasal applicator, triangular serrated end, 6 1/4 inch



160-420-165 Ø 1,2 mm
FARREL
Nasenswatteträger, Arbeitsende spiralförmig gerieft, 160 mm
Nasal applicator, rough spiral end, 6 1/4 inch



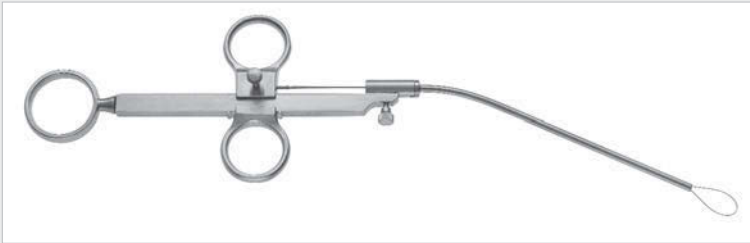
160-412-180 Ø 1,5 mm
160-411-180 Ø 1,8 mm
Nasenswatteträger, Arbeitsende spiralförmig gerieft, 180 mm
Nasal applicator, rough spiral end, 7 inch



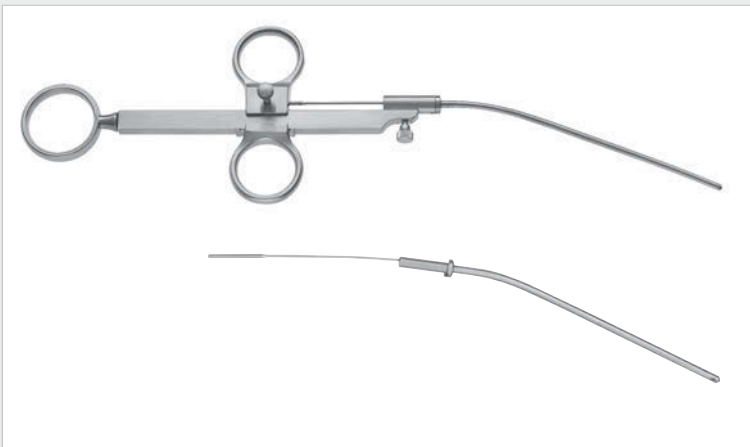
420-150-180
SIEBENMANN
Nasensstopfer, 180 mm
Nasal plugger, 7 inch



420-413-230
LANGE
 Choanenhook, 230 mm
 Choana hook, 9 1/2 inch



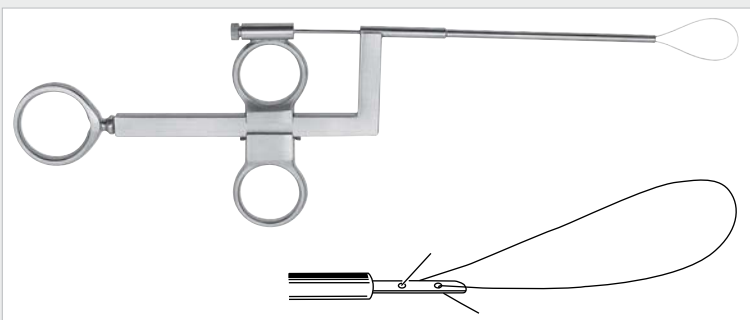
420-201-260
KRAUSE
 Nasenpolypenschnürer, kniegebogen, 250 mm
 Nasal polypus snare, knee bent, 10 inch



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

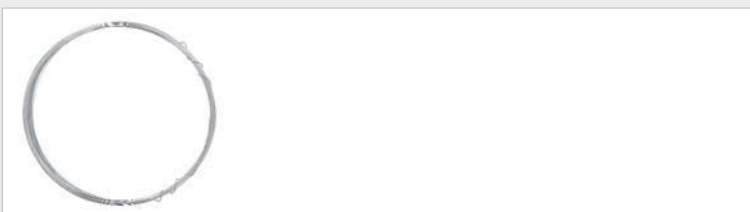
420-202-262
 Rohraufsatz mit Innenführung, horizontal
 Tube with inner guide wire, horizontal



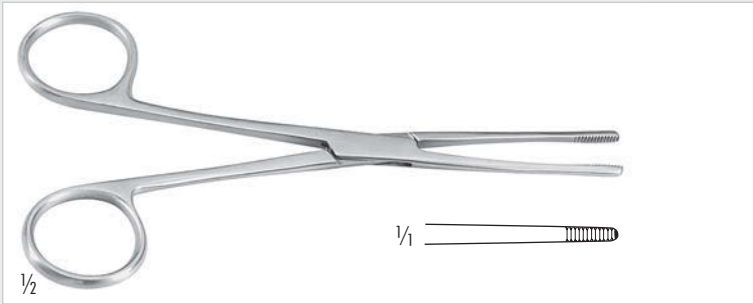
410-270-250
WILDE
 Nasenpolypenschnürer, bajonettförmig gebogen, 250 mm
 Nasal polypus snare, bayonet shaped, 10 inch



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



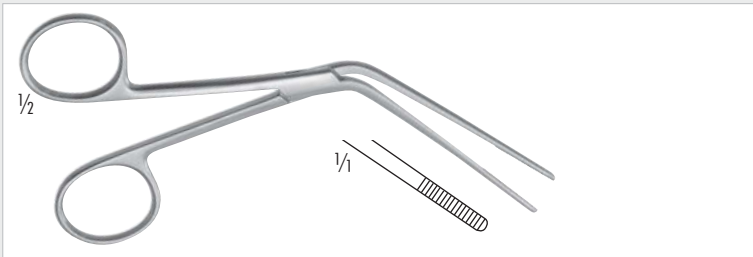
420-210-013 Ø 0,3 mm
 Schnürerdraht in Rollen á 10 m
 Snare wire in coils of 10 metres



150-080-160 155 mm/6 inch
150-080-180 180 mm/7 inch

LISTER

Tamponzange
Sinus forceps



410-232-140

TILLEY

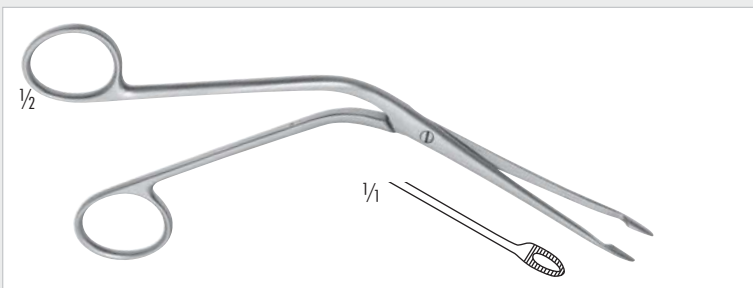
Nasentamponzange, 130 mm
Nasal dressing forceps, 5 1/8 inch



420-211-200

HARTMANN

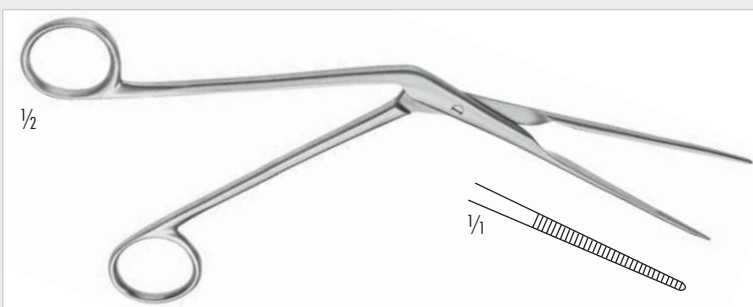
Nasentamponzange, 215 mm
Nasal dressing forceps, 8 1/4 inch



420-211-160

HARTMANN

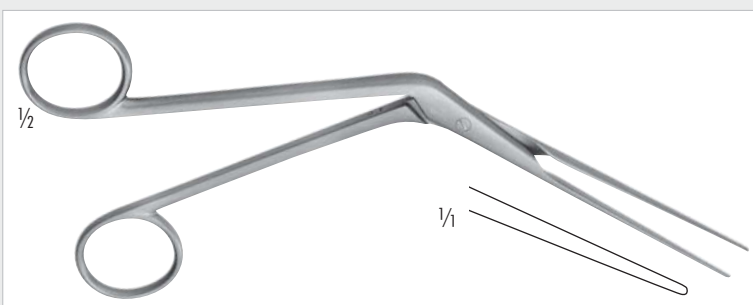
Nasentamponzange, 175 mm
Nasal dressing forceps, 7 inch



420-411-200

WEST

Nasentamponzange, 200 mm
Nasal dressing forceps, 8 inch



420-210-200

LUBET-BARBON

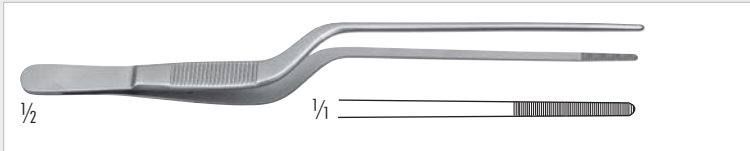
Nasentamponzange, 200 mm
Nasal dressing forceps, 8 inch



410-389-190

GRUENWALD

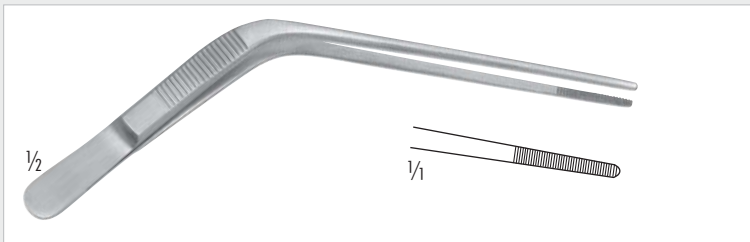
Nasenpinzetten, anatomisch, bajonettförmig, 200 mm
Nasal dressing forceps, bayonet shaped, 8 inch



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

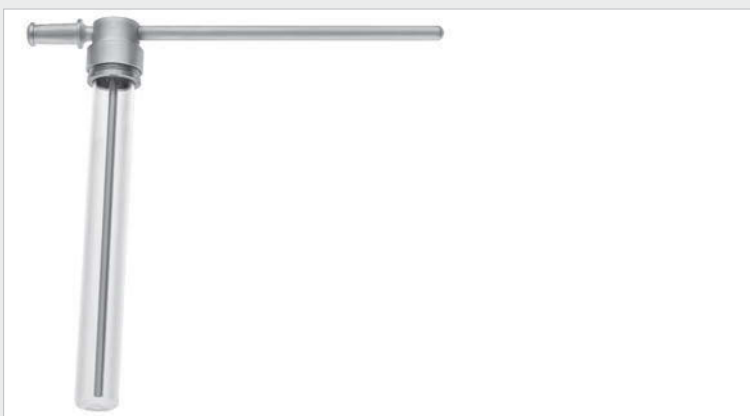
dito, ohne Gebläse
same, without Rubber Bulb

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

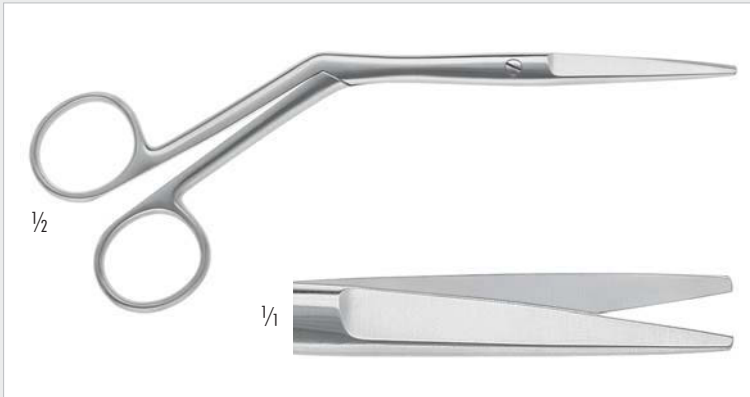
Ersatzflacon mit Gewinding
Threaded Spare Bottle only



420-001-000

GLATZEL

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



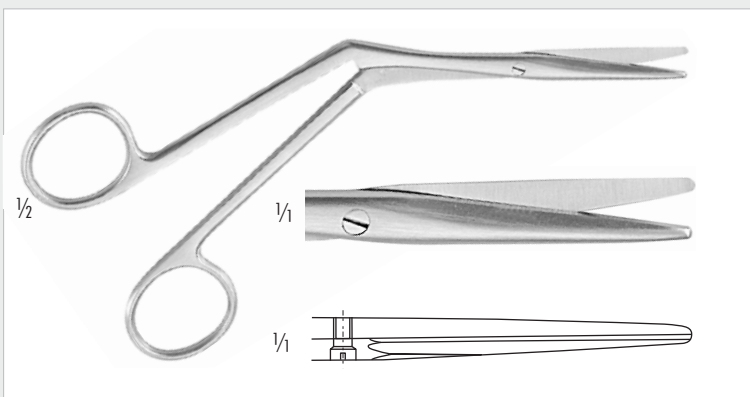
120-284-180 gerade/straight
gezahntes oberes Blatt/
serrated upper blade

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

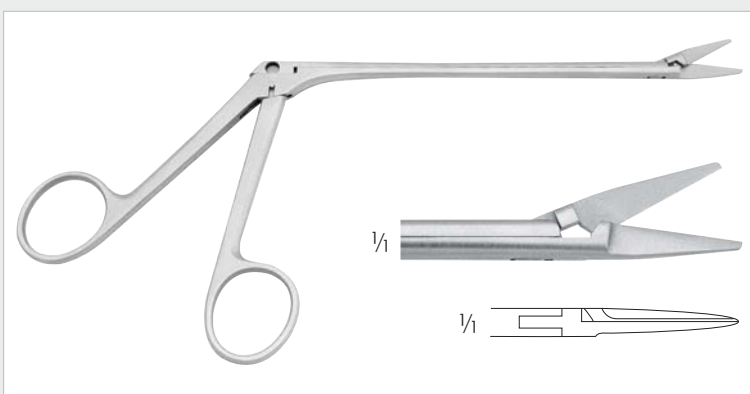
HEYMANN
Nasenschere, 190 mm,
Nasal scissors, 7 1/2 inch



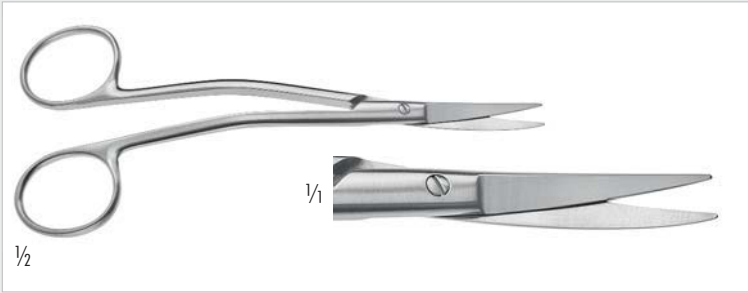
120-283-180
HEYMANN-KNIGHT
Nasenschere, 180 mm
Nasal scissors, 7 inch



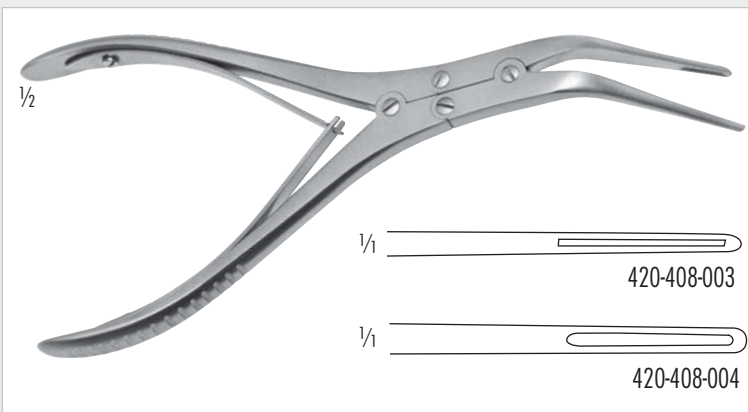
120-285-175
KIRSTEIN
Nasenschere, gezahnt, 180 mm
Nasal scissors, serrated, 7 inch



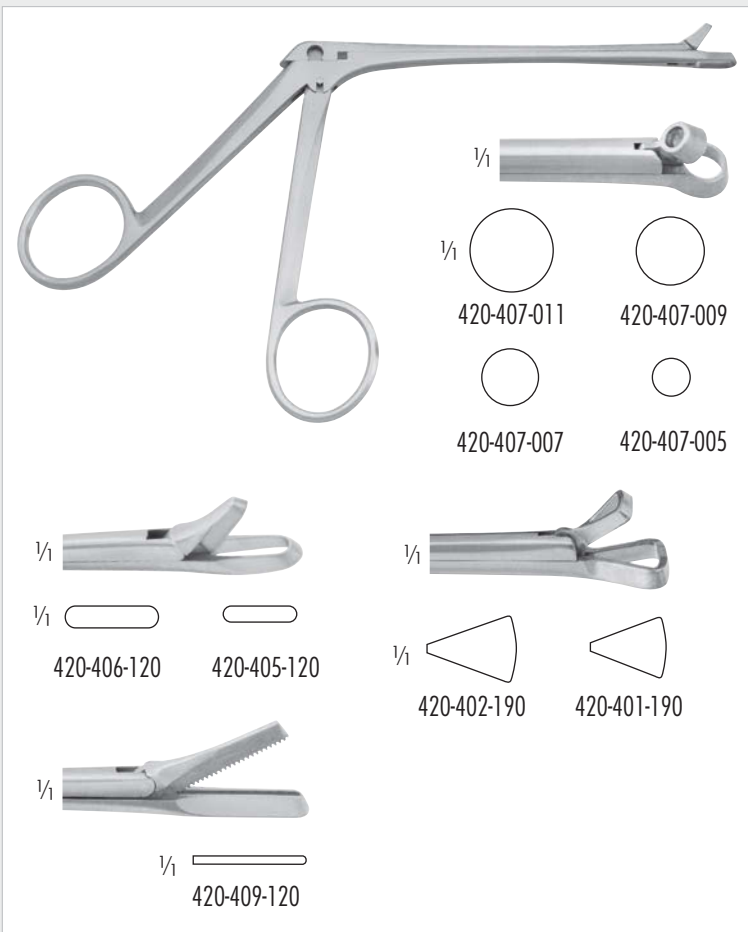
120-208-230
OLIVECRONA
Nasenschere, 230 mm
Nasal scissors, 9 inch



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



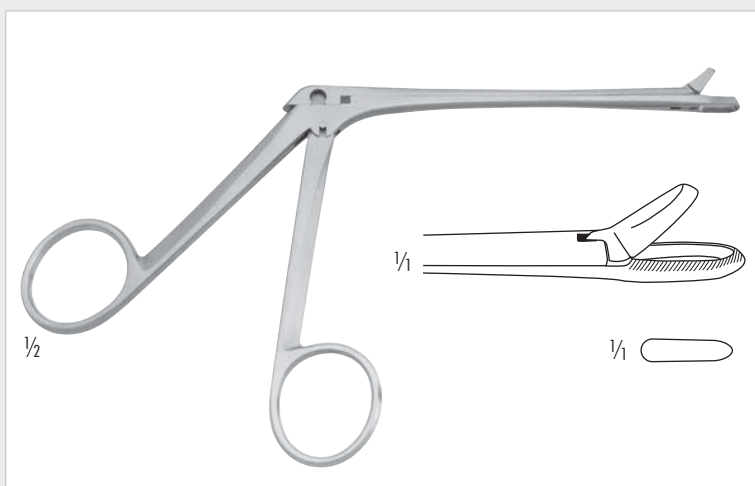
420-421-001 3 mm Schnitt/3 mm bite Fig.1

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

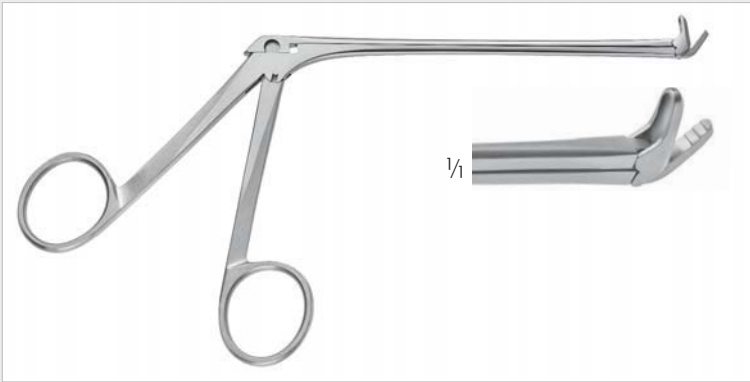
Conchotom, durchschneidend, 120 mm
Nasal cutting forceps, through cutting, 4 3/4 inch



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



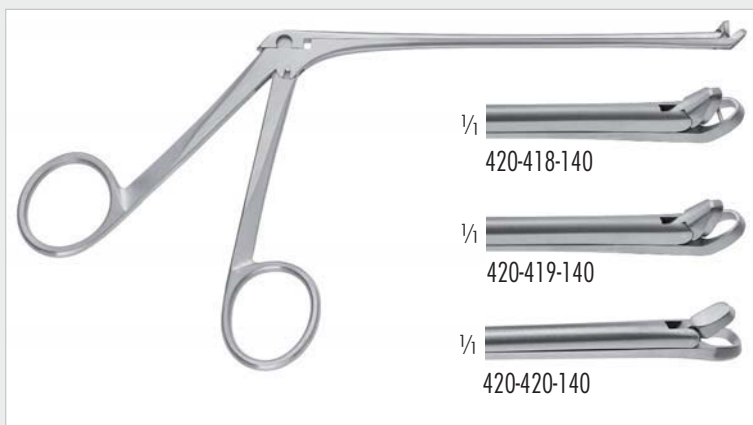
420-414-120 gerade/straight

420-415-120 links gebogen/left curved

420-416-120 rechts gebogen/right curved

Nasenschere, 120 mm

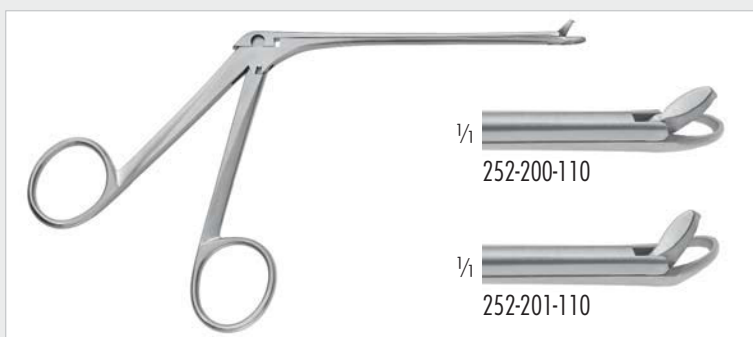
Nasal scissors, 4 3/4 inch



- 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

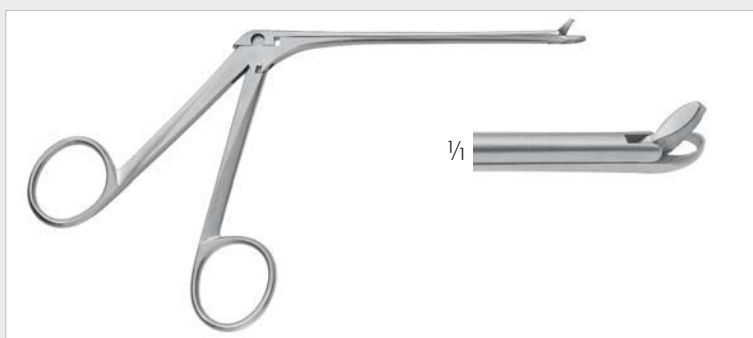
Nasenzange, durchschneidend, 3 mm Schnitt,
Arbeitslänge: 140 mm
Nasal Forceps, through cutting, 3 mm bite,
Working length: 5 ½ inch



- 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, though 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

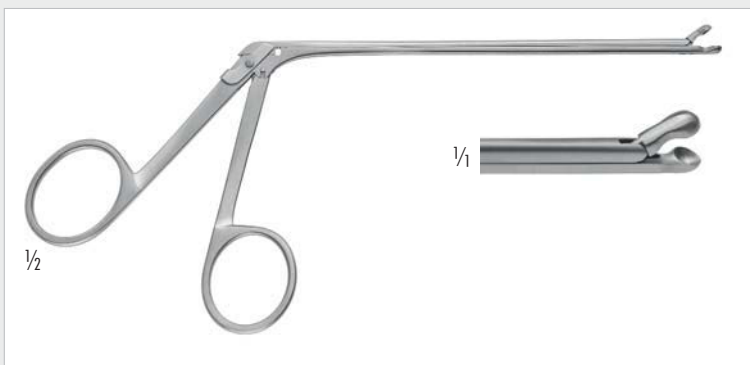
252-527-115 **NOYES** gefenstert/fenestrated

252-528-115 **MORGENSTEIN**

252-529-115 **BLAKESLEY**

252-530-115 **FERRIS-SMITH**

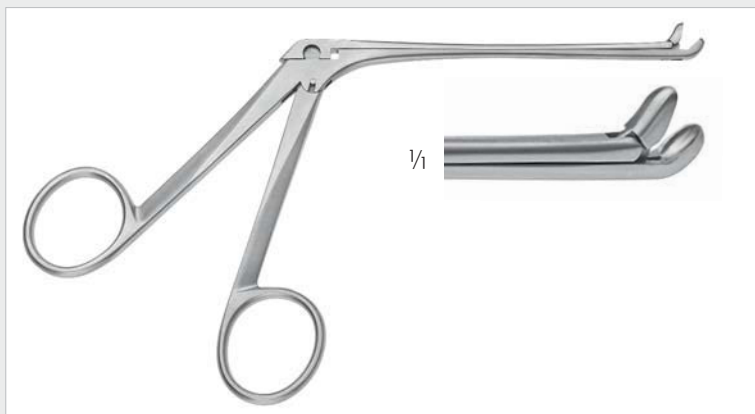
Nasenzange mit Querzähnen, Arbeitslänge: 115 mm
Nasal Forceps with serrated jaws, Working length: 4 1/2 inch



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

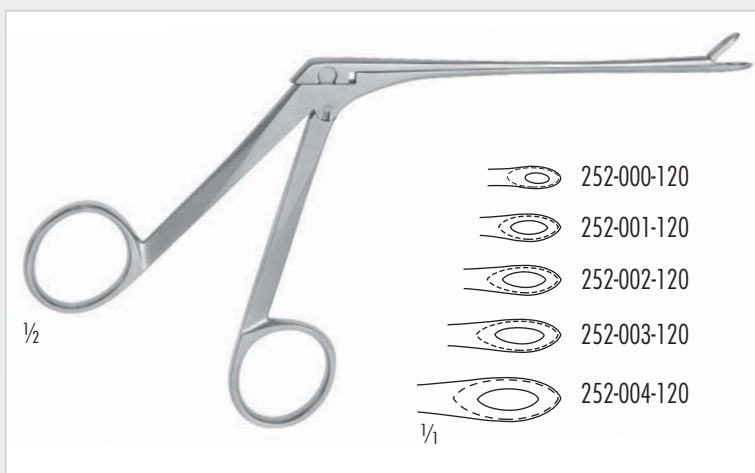


252-425-115

BEAD

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

Nasal Forceps with cup jaws, upturned, small model, Working length: 4
½ 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

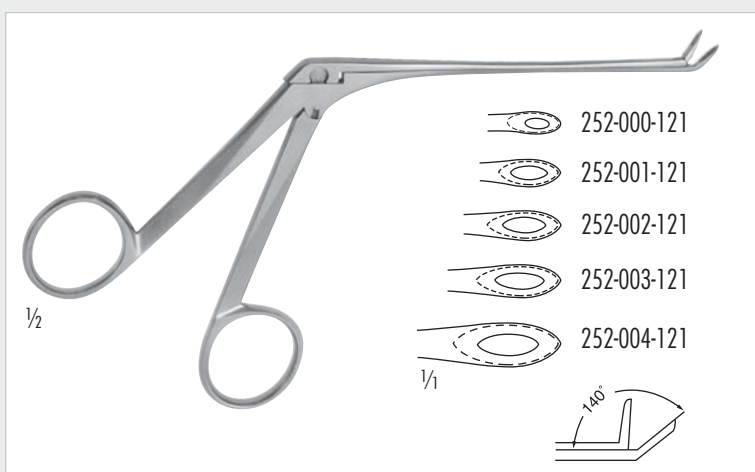
252-003-120 Fig.3 4,8 mm

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 ¾ 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 ½ inch

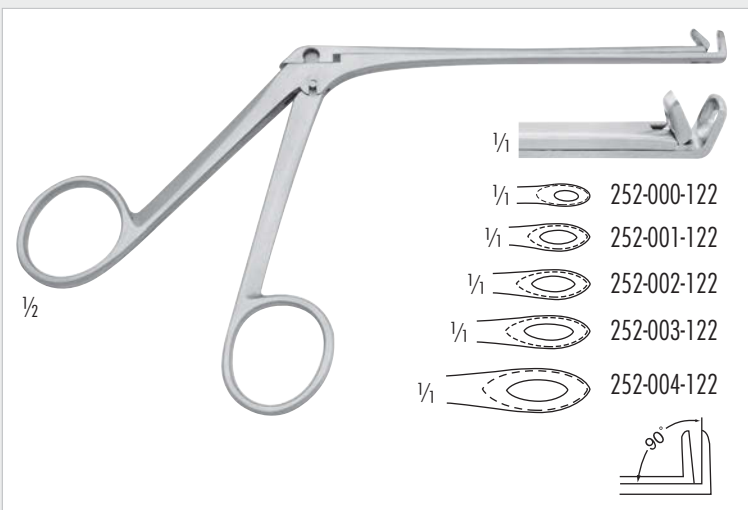


252-000-111

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

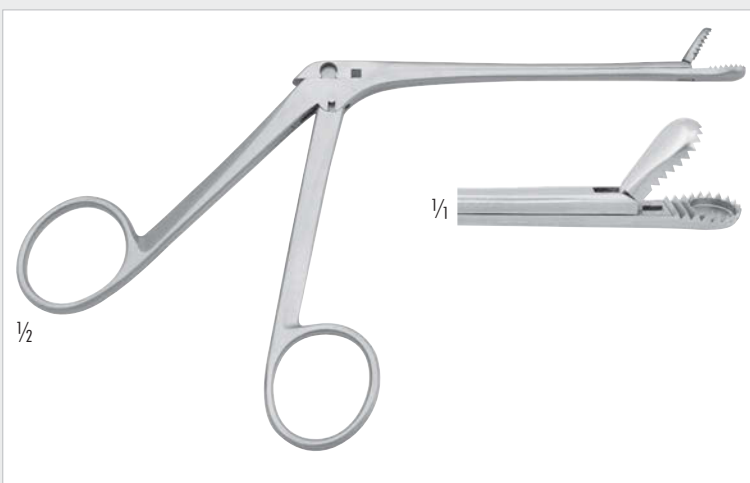
TAKAHASHI

Siebbeinzange, oval, Löffelmaul, 120 mm
 Ethmoidal forceps, oval, cup-shaped, 4 3/4 inch



252-534-100

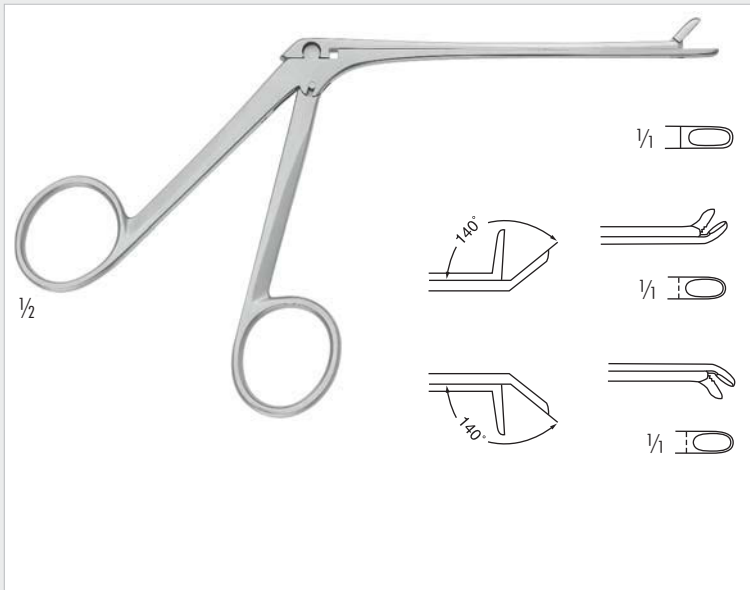
Siebbeinzange, gerade, 140 mm
 Ethmoidal forceps, straight, 5 1/2 inch



252-530-120

WATSON-WILLIAMS

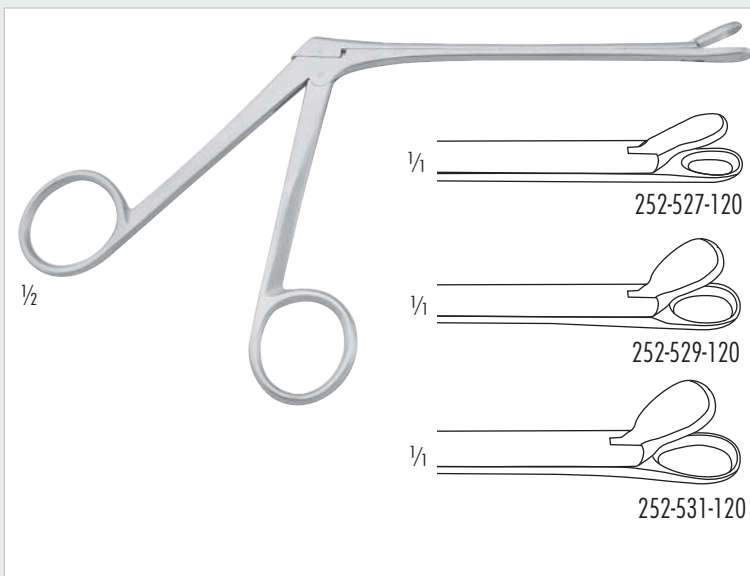
Schleimhaut Faßzange, gezahnt, gerade, 120 mm
 Ethmoidal mucosa forceps, serrated jaws, straight, 4 3/4 inch



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

ST BARTS

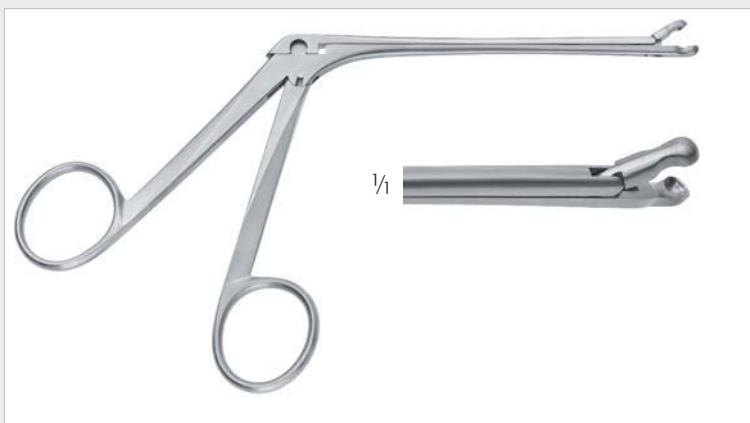
Rongeur, 3 mm, 110 mm
 Rongeur, 3 mm, 4 1/3 inch



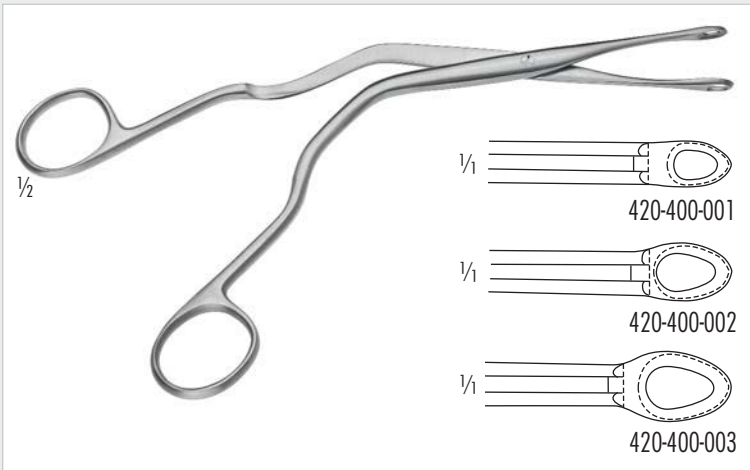
- 252-527-120 Fig.0
- 252-529-120 Fig.1
- 252-531-120 Fig.2

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

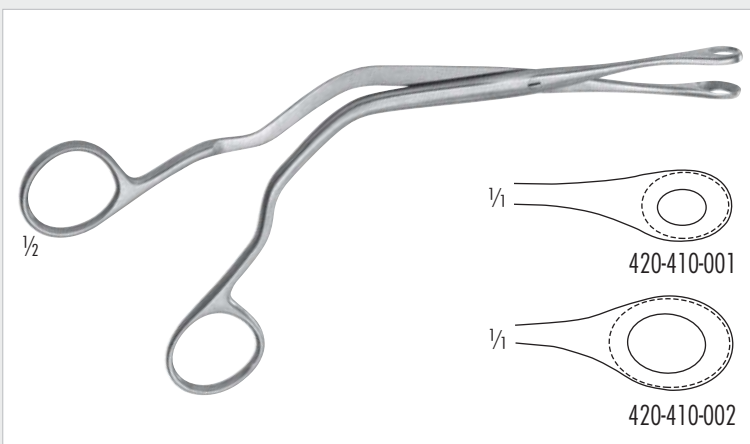
420-400-002 7,5 mm

420-400-003 9,0 mm

LUC

Septumzange, gefenstert, 190 mm

Septum forceps with fenestrated jaws, 7¹/₂ inch



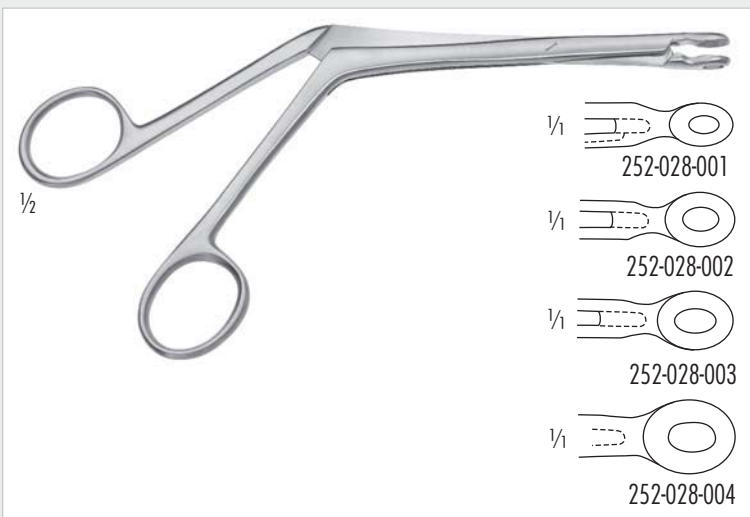
420-410-001 Fig. 1

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

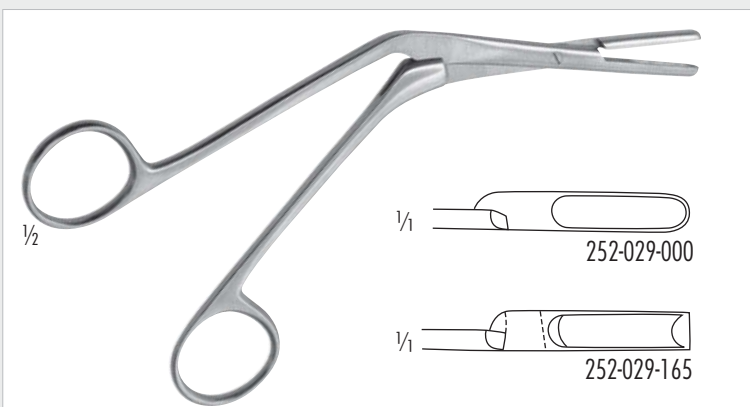
252-028-003 Größe/Size 3

252-028-004 Größe/Size 4

BRUENINGS

Septumzange, gefenstert, 190 mm

Septum forceps, fenestrated jaws, 7¹/₂ inch



252-029-000 6mm

CRAIG

Vormerzange, gerade, scharfer Löffel oval, 165 mm

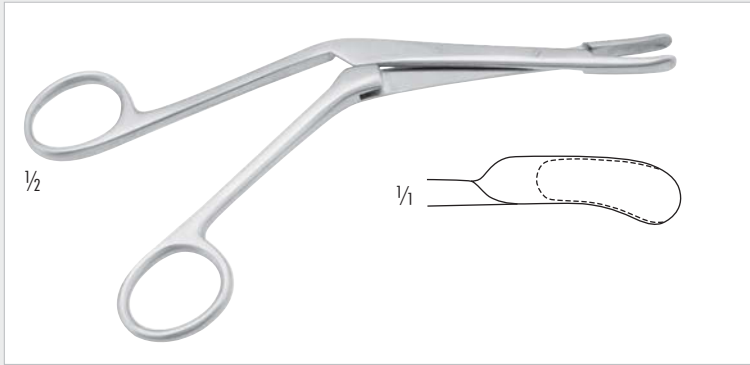
Septum bone cutting and breaking forceps straight, sharp cup, 6¹/₂ inch

252-029-165 6mm

CRAIG

Vormerzange mit eckigen Schneidkanten, 165 mm

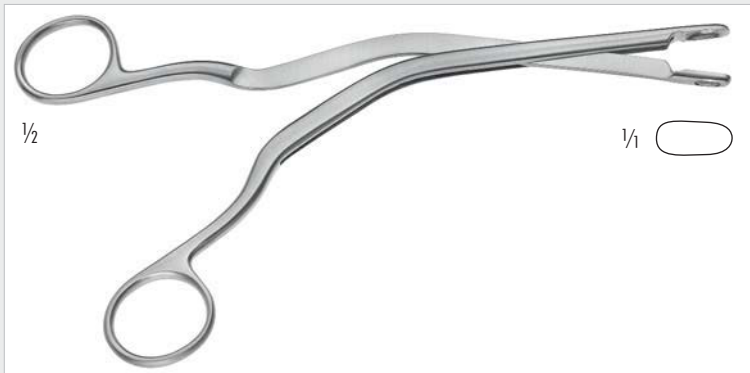
Septum bone cutting and breaking forceps straight, sharp cup, 6¹/₂ inch



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

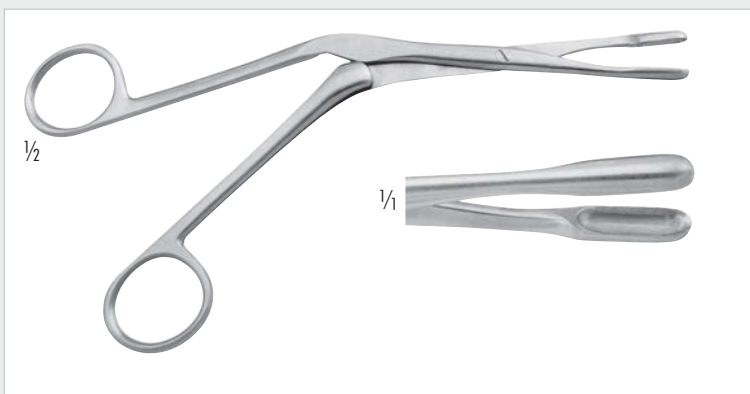
Septumzange, 190 mm
 Septum forceps, 7 1/2 inch



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

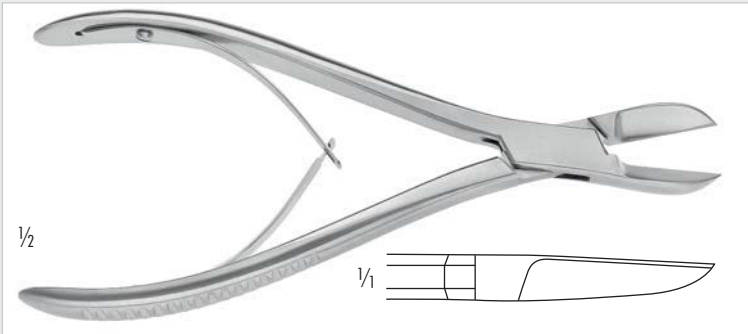


120-286-220 gerade Schneide/straight cutting edge

120-287-220 gebogene Schneide/curved 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

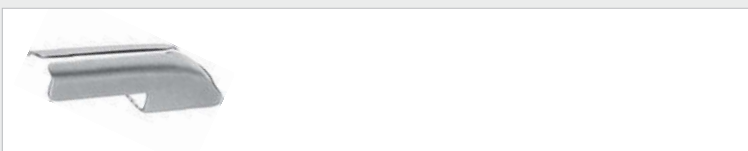
Knorpelquetschzange mit Doppelgelenk, gerade, 220 mm
Septum morcelizer, double action, straight, 8 1/2 inch



420-371-210

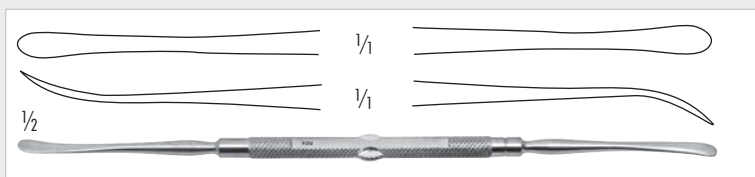
RUBIN

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

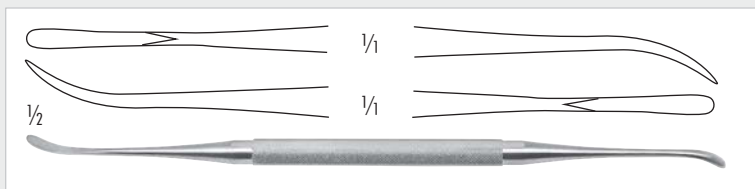


420-370-212

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



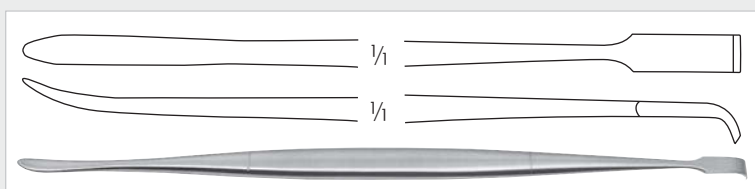
420-556-200
WOODSON
Elevator, 2,4 / 4,0mm Blatt, 200mm
Elevator, 2.4 / 4.0mm blade, 8 inch



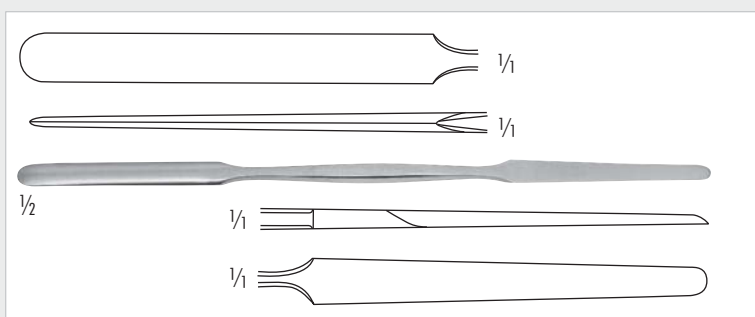
420-395-205 6 mm
NEGUS
Saugdissektor, stumpf 210 mm
Suction dissector, blunt, 8 1/4 inch



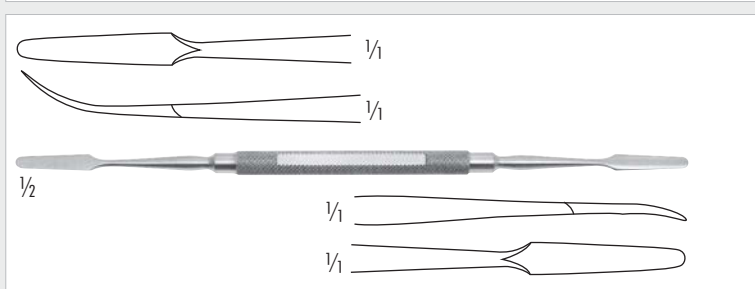
420-253-185 3 mm
GORNEY
Saugraspatorium, halb-scharf 180 mm
Suction raspatory, semi-sharp 7 inch



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



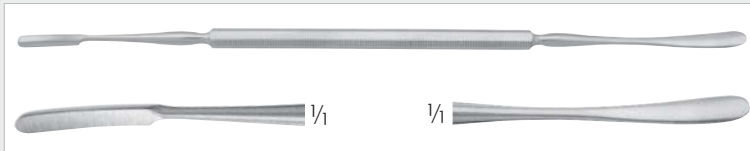
420-540-180
KILLIAN
Doppel-Elevatorium, scharf/stumpf, 180 mm
Elevator, double-ended, sharp/blunt, 7 inch



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



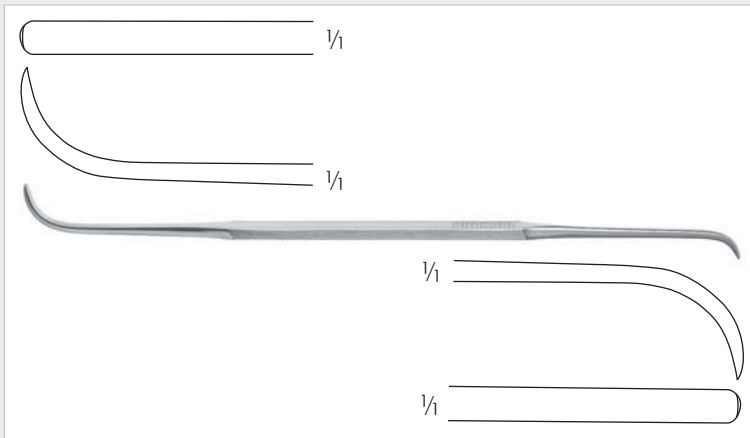
420-555-200
FREER-JOSEPH
 Doppel-Elevatorium, 200 mm
 Septum double-ended elevator, 8 inch



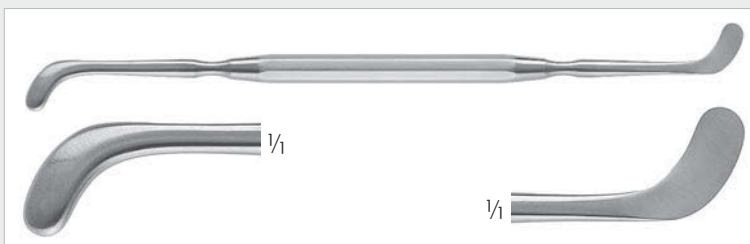
420-551-200
MASING
 Elevatorium, doppelendig, graduert, scharf/stumpf, 200 mm
 Elevator, double-ended, graduated, sharp/blunt, 8 inch



420-550-230
COTTLE
 Doppel-Elevatorium, graduert, scharf/stumpf, 210 mm
 Elevator, double-ended, graduated, sharp/blunt, 8 1/4 inch



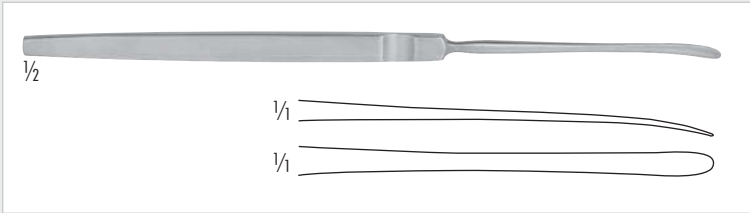
420-552-200
COTTLE
 Doppel-Elevatorium, zum Tunnelieren, 220 mm
 Elevator, double-ended, for tunneling, 9 inch



420-543-210
PENNINGTON
 Elevatorium, 210 mm
 Elevator, 8 1/4 inch



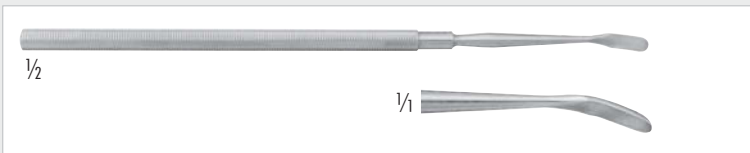
420-551-175
FREER
 Raspatorium, doppelendig, scharf, 175 mm
 Periosteal elevator, double-ended, sharp, 7 inch



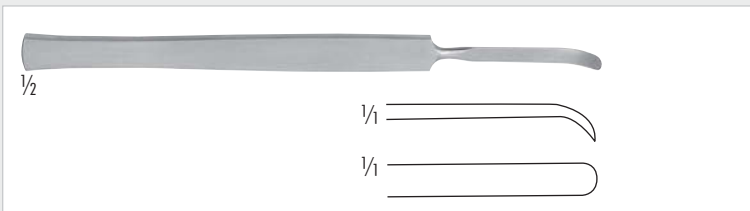
420-544-165 4,0 mm
HALLE
 Elevatorium, stumpf, 180 mm
 Elevator, blunt, 7 inch



420-551-180 4 mm
FREER
 Raspatorium, 160 mm
 Periosteal elevator, 6 1/2 inch



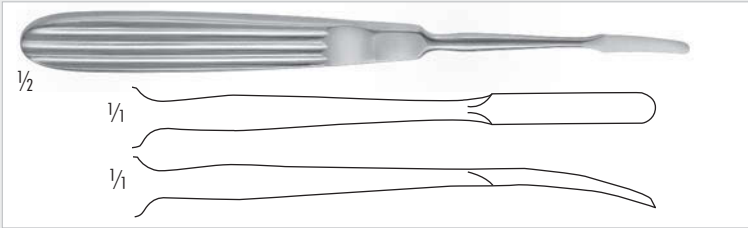
420-557-165 4,0 mm
 Raspatorium, abgewinkelte Spitze, 165 mm
 Periosteal elevator, angled tip, 6 1/2 inch



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

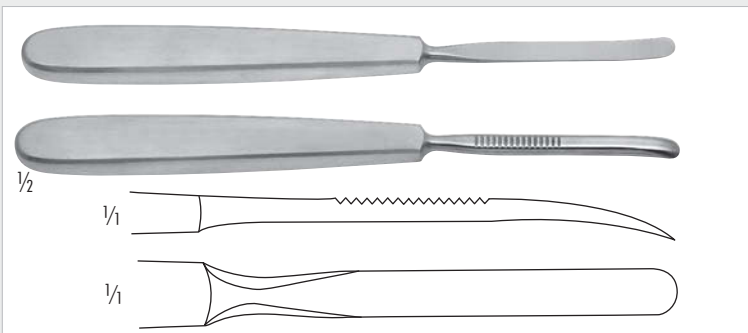
Periost-Raspatorium, leicht gebogen, 170 mm
 Periosteal elevator, slightly curved, 6 3/4 inch



- 210-438-195 8 mm

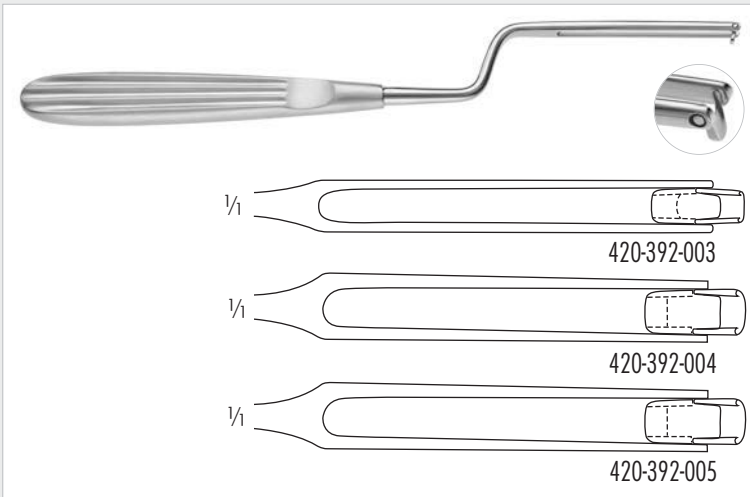
COTTLE

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

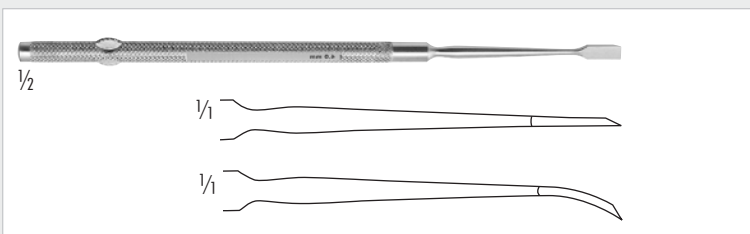
BALLENGER

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

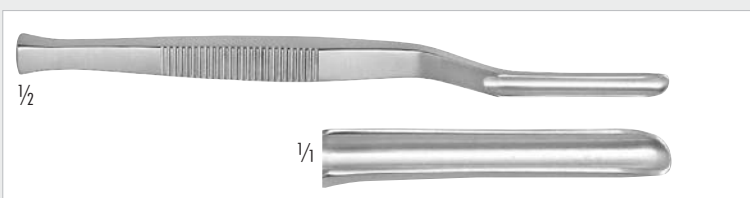
Septum-Hohlmeissel, mit runder Schneide, gerade, 150 mm
 Septum gouge, straight, round cutting edge, 6 inch



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

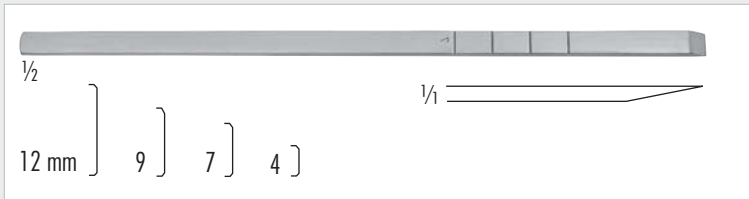
Septum-Hohlmeissel mit runder Schneide, bajonettförmig gebogen, 170 mm
 Septum gouge, round cutting edge, bayonet shaped, 6 3/4 inch



420-551-170 6 mm

KILLIAN-CLAUS

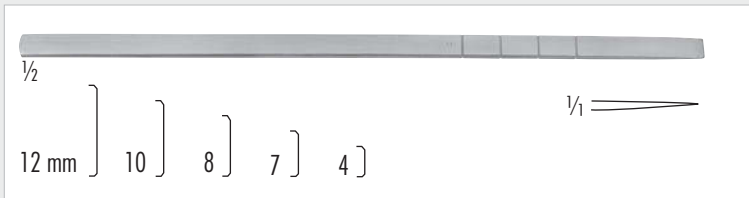
Septum-Hohlmeissel mit Kerbe, bajonettförmig gebogen, 170 mm
 Septum gouge with notch, bayonet shaped, 6 3/4 inch



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

COTTLE

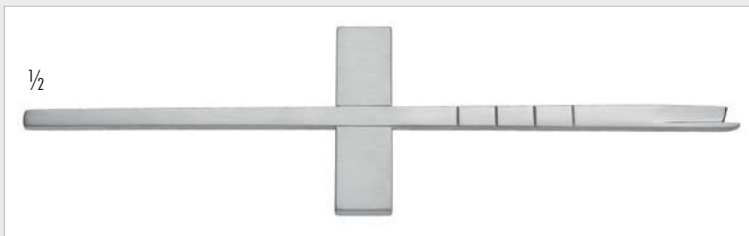
Flachmeißel, graduiert, 185 mm
Chisel, graduated, 7 1/4 inch



- 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, graduiert, 180 mm
Osteotome, graduated, 7 inch



- 210-472-105 5mm

COTTLE

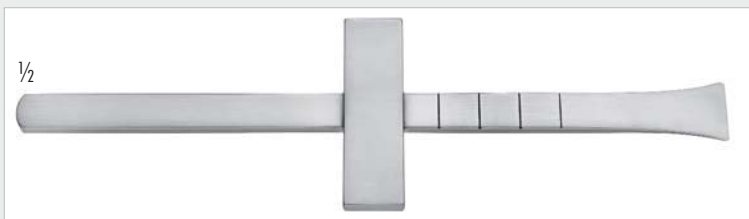
Osteotom mit Schutz und Crossbar, 185m
Osteotome with guard and crossbar, 7 1/4 inch



- 210-486-008 8 mm

COTTLE

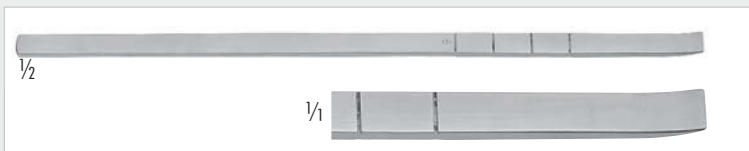
Fischschwanz Osteotom, verrundete Ecken 180 mm
Fishtail osteotome, with protected ends, double guarded 7 inch



- 210-486-016

COTTLE

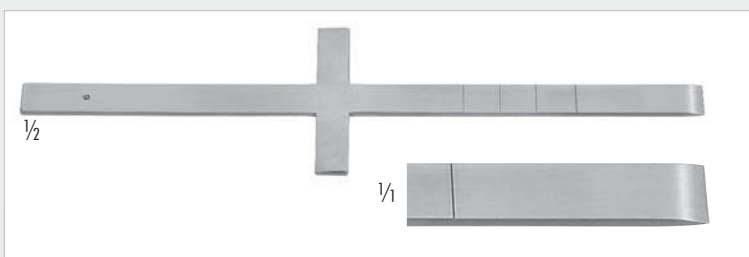
Fischschwanz Osteotom, mit Querbalken, 16mm,
runde Schneidkanten, 180mm
Fishtail osteotome, with crossbar, 16mm
with round cutting end, 7 inch



- 210-486-006 6 mm

COTTLE

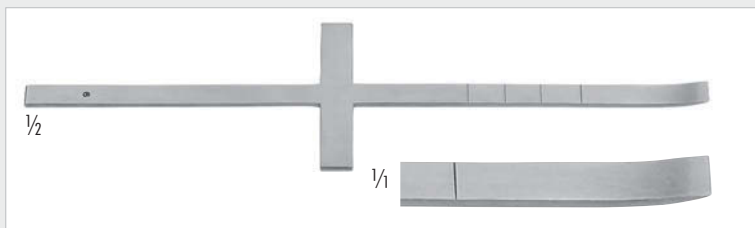
Flachmeißel, gebogen, graduiert, für transversale Osteotomie, 180 mm
Chisel, curved, graduated, for transverse osteotomies, 7 inch



- 210-472-006 6 mm

COTTLE

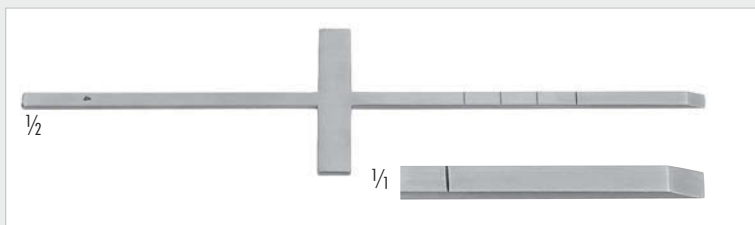
Osteotom, gerade, 185 mm
Osteotome, straight, 7 1/4 inch



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, 180 mm
Osteotome, 7 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



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



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



420-472-002 links/left
 420-472-003 rechts/right
GUASTELLA
 Osteotom, 180 mm
 Osteotome, 7 inch



420-460-005
SILVER
 Osteotom mit V-Spitze, gebogen, 175 mm
 Osteotome with V-tip, curved, 6 3/4 inch



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



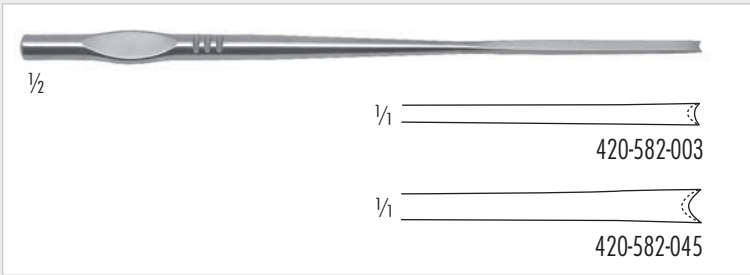
420-586-004 4mm 420-586-006 6mm
 420-586-005 5mm 420-586-007 7mm
FOMON
 Meißel, 170 mm
 Chisel, 6 3/4 inch



420-458-160
PARKES
 Osteotom, mit einseitigem Schutz, 160 mm
 Osteotome with single guard, 6 1/3 inch



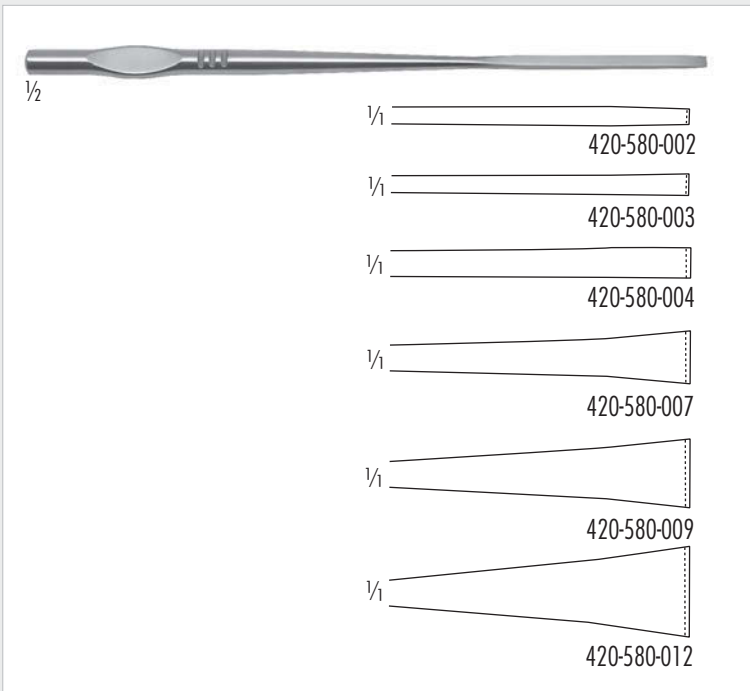
420-470-001 gerade/straight
 420-470-002 rechts gebogen/curved right
 420-470-003 links gebogen/curved left
RISTOW
 Osteotom, 200 mm
 Osteotome, 8 inch



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 | 420-568-008 | 8 mm |
| 420-568-003 | 3 mm | 420-568-009 | 9 mm |
| 420-568-004 | 4 mm | 420-568-010 | 10 mm |
| 420-568-005 | 5 mm | 420-568-011 | 11 mm |
| 420-568-006 | 6 mm | 420-568-012 | 12 mm |
| 420-568-007 | 7 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

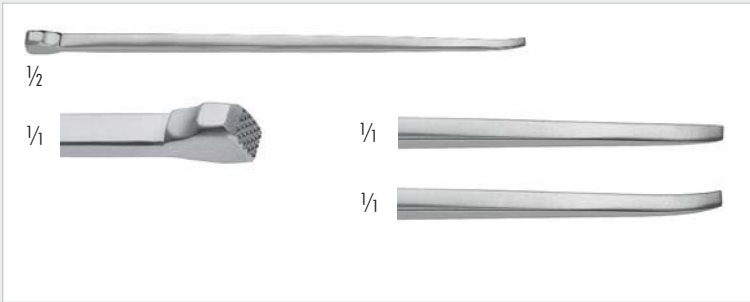
Osteotom, 160 mm
 Osteotome, 6^{1/3} inch



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



| 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 | | | |



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



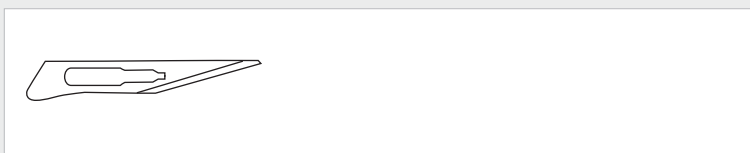
210-019-170 117 g , Ø 19 mm
 Hammer, mit Kupferkopf, 170 mm
 Mallet, with copper head, 6 3/4 inch



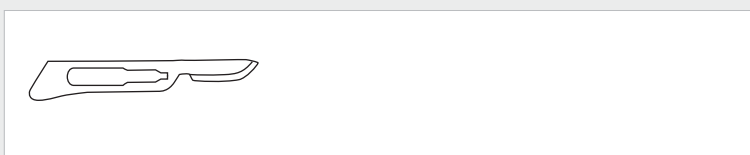
110-110-003
 Skalpell Griff Nr. 3, 130 mm
 Scalpel handle No.3, 5 1/8 inch



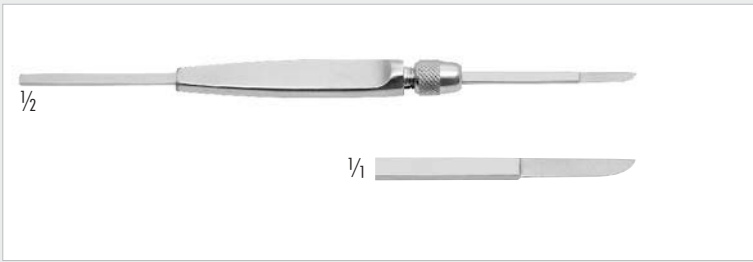
110-130-077
 Skalpell Griff Nr. 7, 165mm
 Scalpel handle No. 7, 6 1/2 inch



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

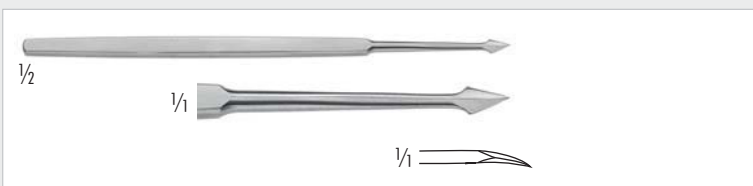


420-213-160
BRUENINGS
Septummesser, 160 mm
Septum knife, 6 1/4 inch

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



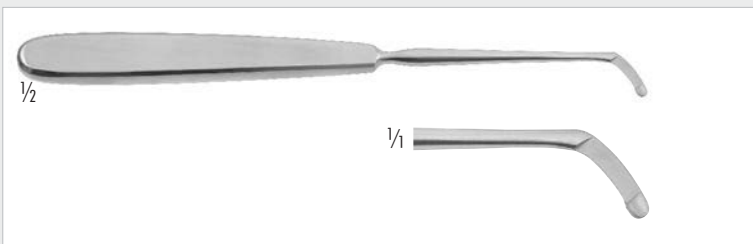
420-552-130
MASING
Knorpelritzmesser, in der Spitze gebogen, 130 mm
Cartilage slitting knife, curved blade, pointed, 5 1/8 inch



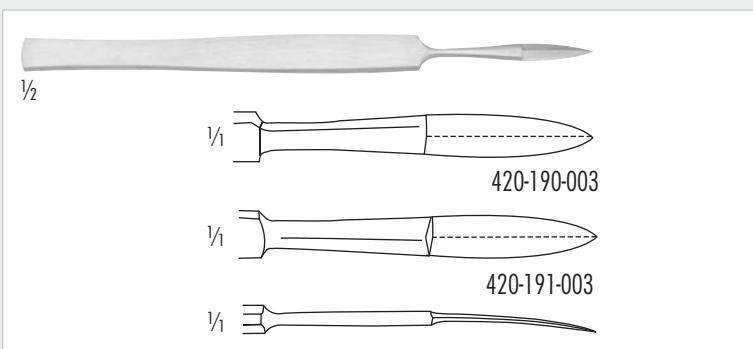
420-205-160
JOSEPH
Plastikmesser, gerade, Spitze verrundet, 150 mm
Button-end knife, straight, 6 inch



420-207-160
CONVERSE
Plastikmesser, gebogen, Spitze verrundet, 160 mm
Button-end knife, curved, 6 1/4 inch



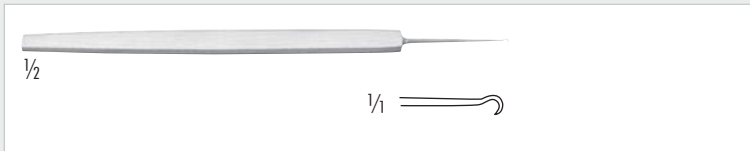
420-209-175
JOSEPH
Zugmesser zum Abtragen von Knorpelvorsprüngen des Septums, 165 mm
Button-end knife, angled for removal of septum cartilage, 6 1/2 inch



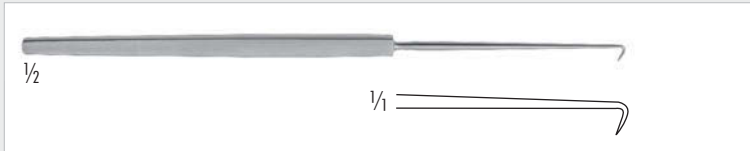
420-190-003 gerade/straight
420-191-003 gebogen/curved
JOSEPH
Plastikmesser mit doppelter Schneide, scharf, 150 mm
Double-edge nasal knife, sharp, 6 inch



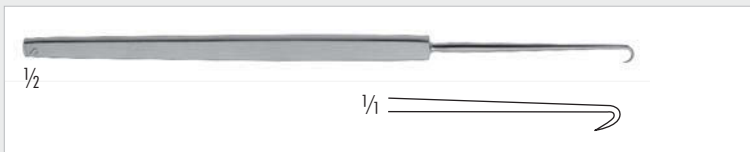
420-195-150
FREER
Mukosamesser, 150 mm
Mucosa knife, 6 inch



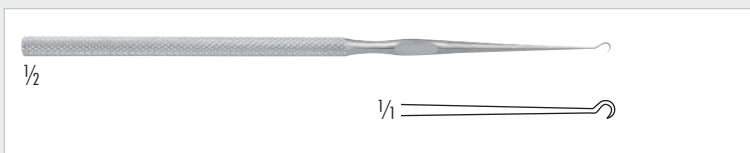
170-010-125
GRAEFE
 Hauthäkchen, scharf, 120 mm
 Skin hook, sharp, 4 3/4 inch



230-285-160
COTTLE
 Scharfes Sehnenhäkchen, 120° retrograd gebogen, 150 mm
 Tenaculum hook, 120° retrograde curved, 6 inch



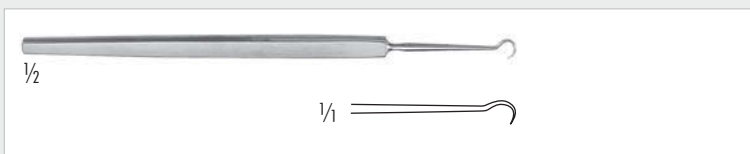
230-286-160
COTTLE
 Scharfes Sehnenhäkchen, 180° retrograd gebogen, 150 mm
 Tenaculum hook, 180° retrograde curved, 6 inch



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



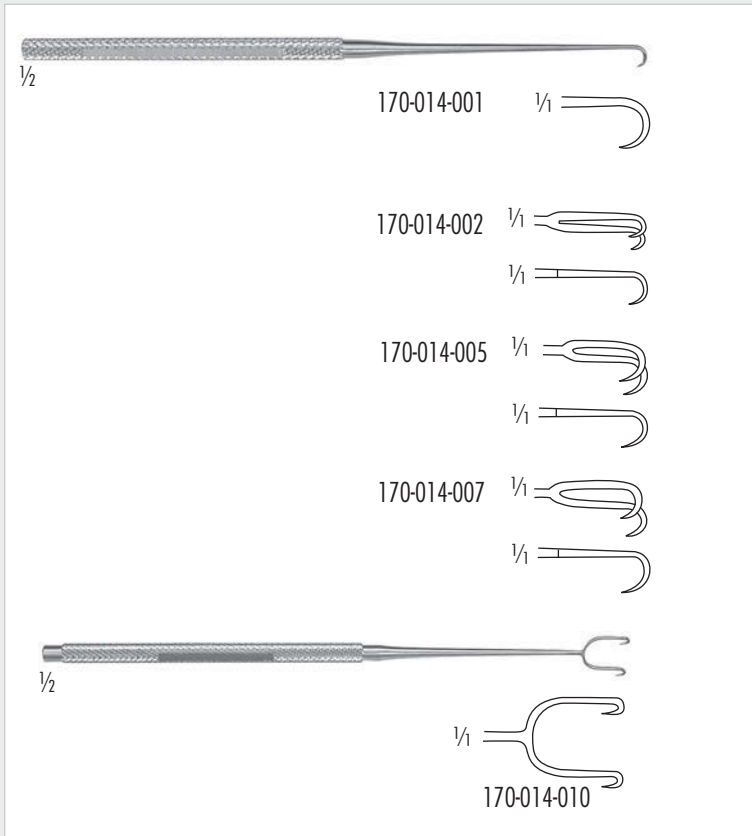
250-064-376
FISCH
 Hauthäkchen, 90° abgewinkelt, scharf, 190 mm
 Skin hook, 90° angled, sharp, 7 1/2 inch



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

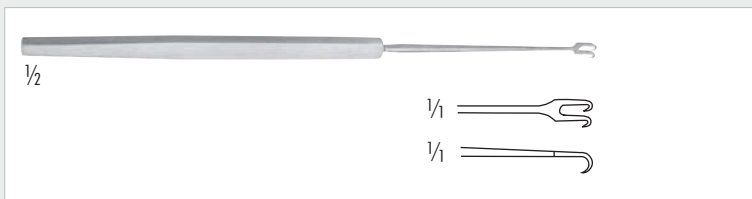
170-014-005 5 mm

170-014-007 7 mm

170-014-010 10 mm

JOSEPH

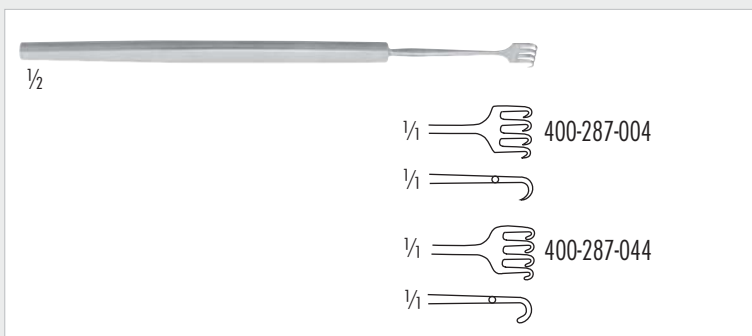
Hauthäkchen, 2 Zinken, scharf, 160 mm
Skin hook, sharp, 2 prongs, 6 1/4 inch



230-220-001

FREER

Hauthäkchen, 2 Zinken, scharf, 150 mm
Skin hook, 2 prongs, sharp, 6 inch

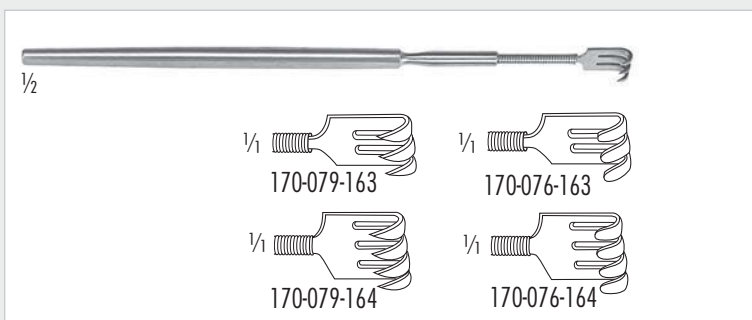


400-287-004 scharf/sharp

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

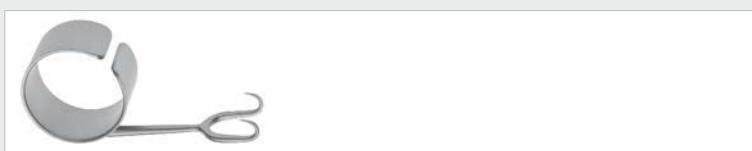
170-079-164 4 Zinken, stumpf / 4 prongs, blunt

170-076-163 3 Zinken, scharf / 3 prongs, sharp

170-076-164 4 Zinken, stumpf / 3 prongs, blunt

Feine Wundhaken mit flexibler Spitze, 160 mm

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



170-008-381

COTTLE

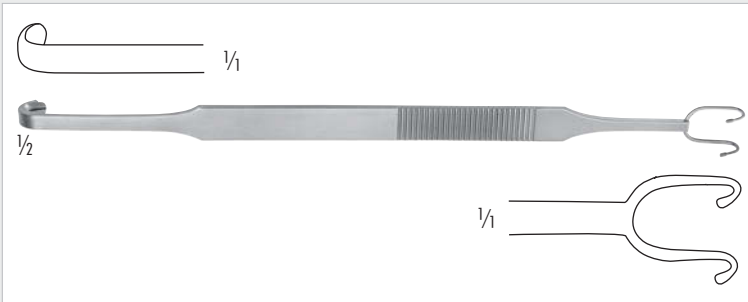
Wundhäkchen mit Ring, Arbeitslänge: 38 mm, scharf, 2-zahlig, 8 mm
Thumb retractor, working length 1 1/2 inch, sharp, double hook, 8 mm wide



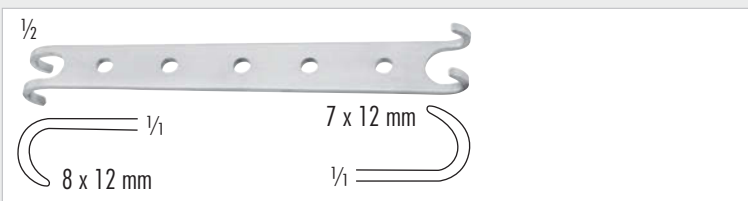
420-186-145
FOMON
 Nasenflügelretractor, 2 Zinken, stumpf/stumpf, 140 mm
 Alar retractor, 2 prongs, blunt/blunt, 5 1/2 inch



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



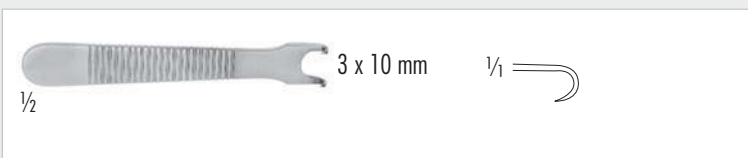
260-501-120
CONVERSE
 Alar-Doppelhaken, 2 Zinken, stumpf/stumpf, 120 mm
 Alar retractor, double-ended, 2 prongs, blunt/blunt, 4 3/4 inch



420-187-155 sharp
 420-187-255 blunt
RUBIN
 Haken, 7mm lang, 5,5mm breit
 Hook, 7mm length, 5.5mm wide



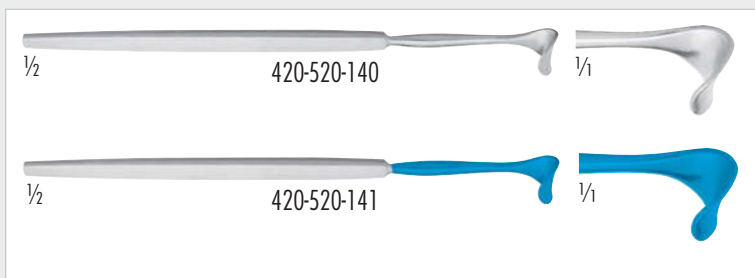
420-524-150
COTTLE
 Alar Retraktor mit Lippe, 150 mm
 Alar retractor with lip, 6 inch



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, 160 mm
 Nasal retractor, with fibre optic, 120°, 45 mm blade, 6 1/4 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

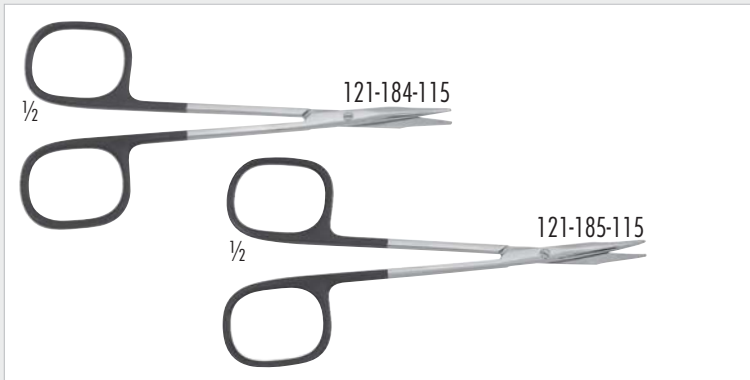


420-236-110 11 x 44 mm

CONVERSE

Nasenretraktor, mit Kaltlicht, 110 mm
 Nasal retractor, with fibre optic, 4 1/3 inch



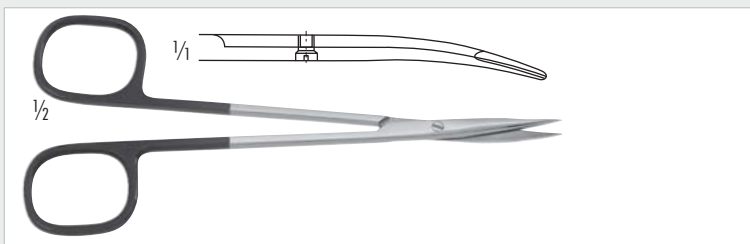


- 121-182-115 spitz/gerade / sharp/straight
- 121-183-115 spitz/gebogen / sharp/curved
- 121-184-115 stumpf/gerade / blunt/straight
- 121-185-115 stumpf/gebogen / blunt/curved

STEVENS

Super-Cut Präparierscheren, mit eckigen Ringen, 115 mm

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



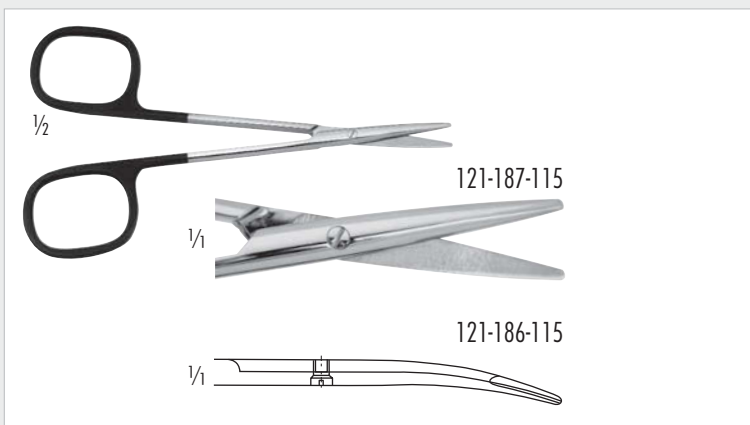
121-191-140 gebogen/curved

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

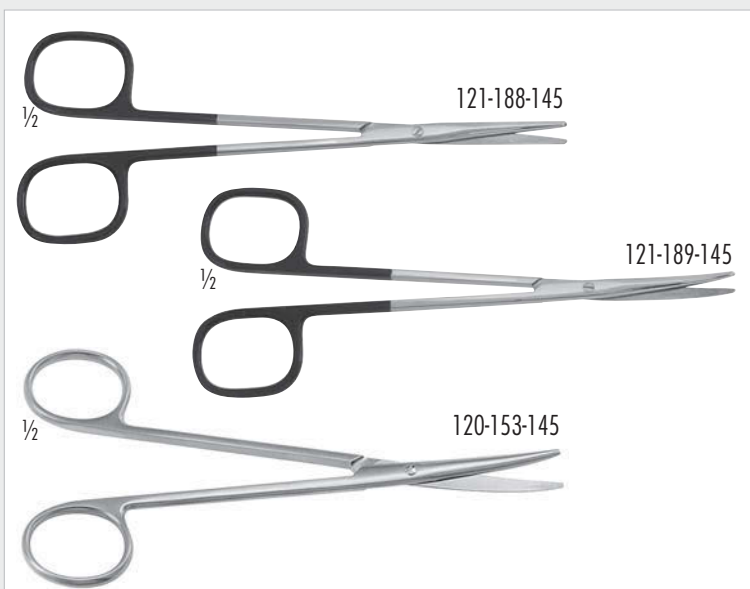


121-187-115 gerade / straight

121-186-115 gebogen / curved

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

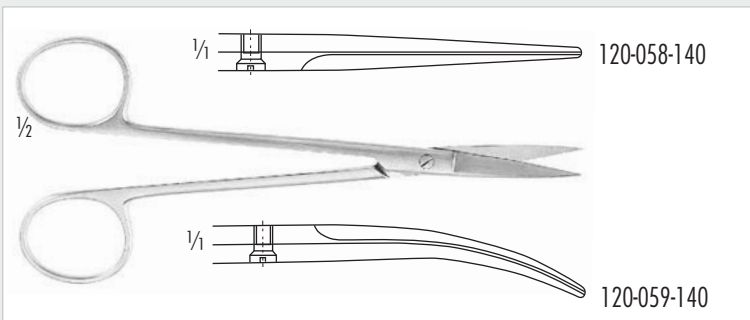
Dissecting scissors, delicate pattern, curved, 5 3/4 inch



120-967-130 gebogen/curved
120-966-130 gerade/straight

GOLDMAN FOX

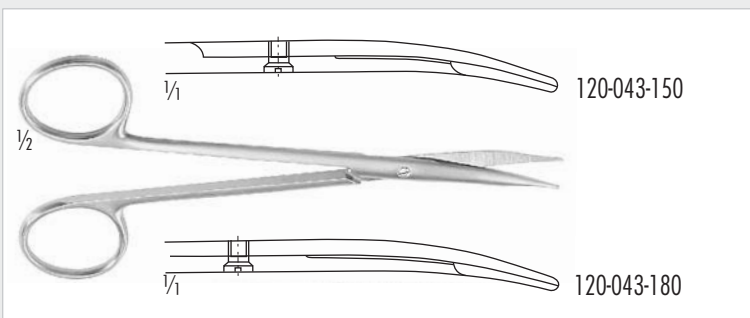
TC Sehnenschere, eine Schneide gezahnt, 130 mm
TC Tendon scissors, one blade serrated, 5 1/8 inch



120-058-140 gerade / straight
120-059-140 gebogen / curved

JOSEPH

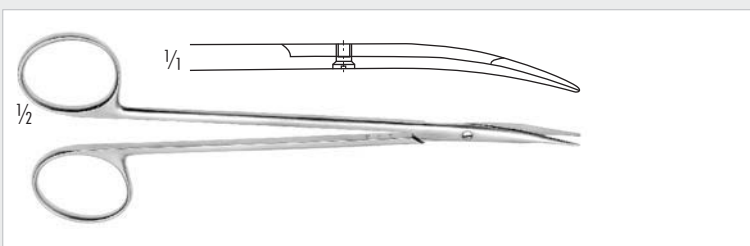
Plastischschere, spitz/spitz, 145 mm
Plastic scissors, sharp/sharp, 5 3/4 inch



120-043-150 145 mm, 5 3/4 inch
120-043-180 175 mm, 7 inch

REYNOLDS

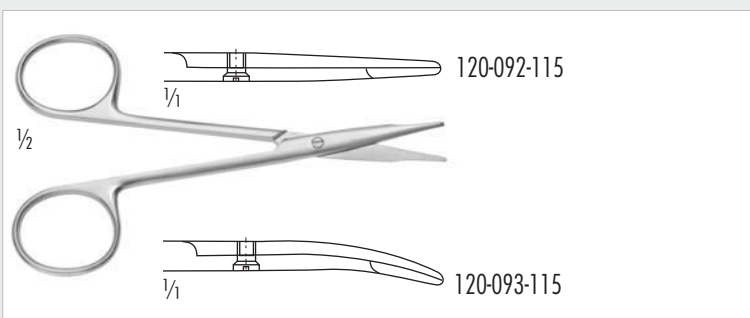
Präparierschere, delikat, stumpf/stumpf, gebogen
Dissecting scissors, delicate, blunt/blunt, curved



120-315-150

JAMESON

Präparierschere, delikat, stumpf/stumpf, gebogen, 150 mm
Dissecting scissors, delicate, blunt/blunt, curved, 6 inch

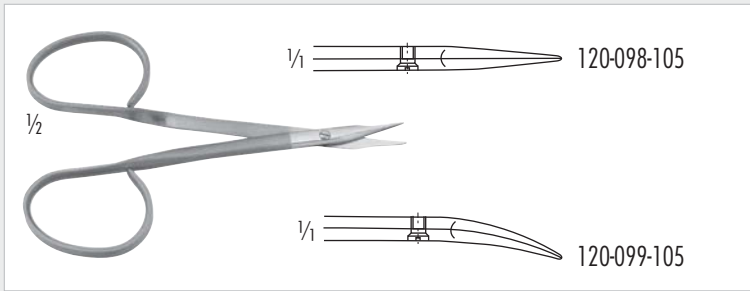


120-092-115 gerade, stumpf/stumpf
straight, blunt/blunt

120-093-115 gebogen, stumpf/stumpf
curved, blunt/blunt

STEVENS

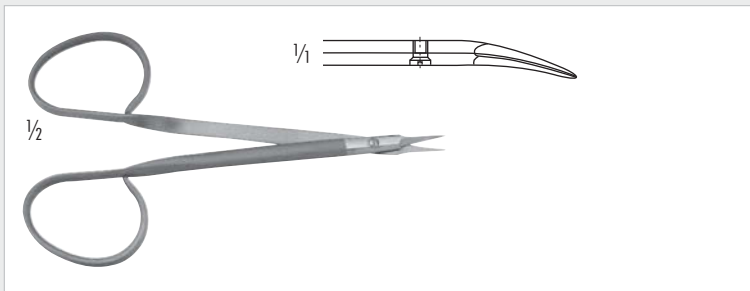
Gefäß - und Sehnenschere, 110 mm
Vessel and tendon scissors, 4 3/8 inch



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

STEVENS

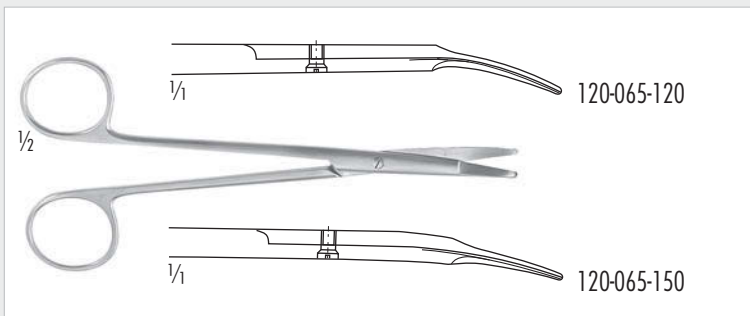
Gefäß- und Sehnenschere, spitz, mit offenem Ring, 100 mm
Vessel and tendon scissors, sharp, with Ribbon handle, 4 inch



120-398-120

STEVENS

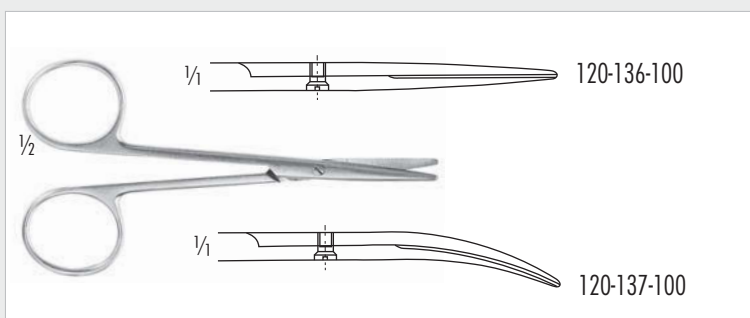
Besonders feine Präparierschere, spitz, leichtes Modell mit offenem Ring, 110 mm
Dissecting scissors, delicate, sharp, light pattern with Ribbon handle, 4 3/8 inch



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

KILNER

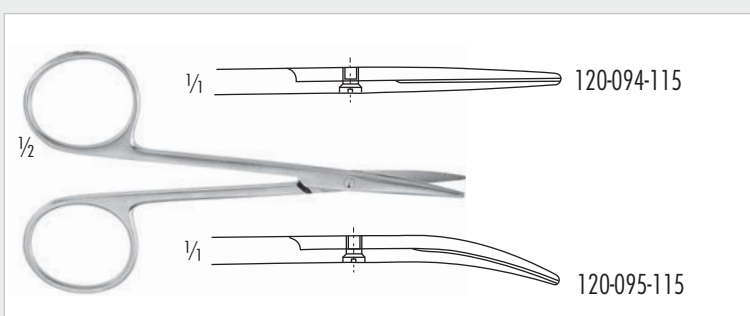
Präparierschere, mit stark abgeflachten Blättern, gebogen, stumpf/stumpf
Dissecting scissors, with bevelled blade, curved, blunt/blunt



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

COTTLE-KNAPP

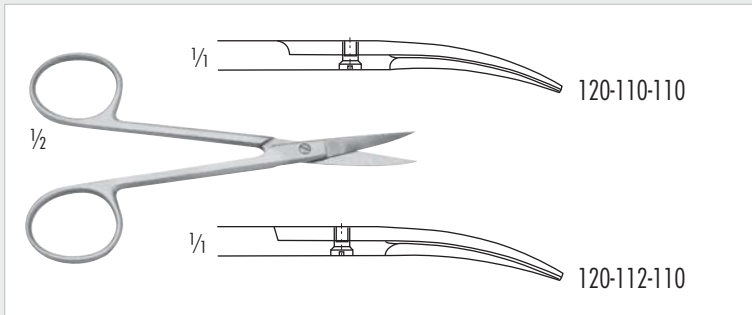
Plastikschere, stumpf/stumpf, 105 mm
Plastic scissors, blunt/blunt, 4 1/8 inch



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

STRABISMUS

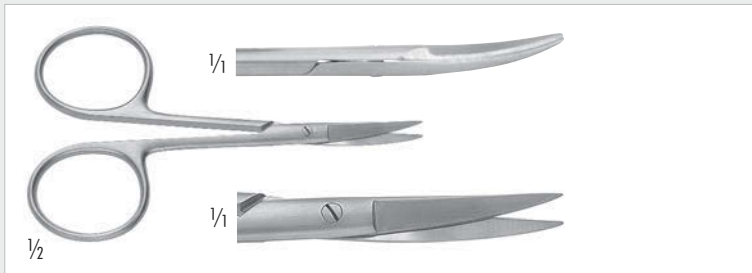
Präparierschere, 115 mm
Dissecting scissors, 4 1/2 inch



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

COTTLE-MASING

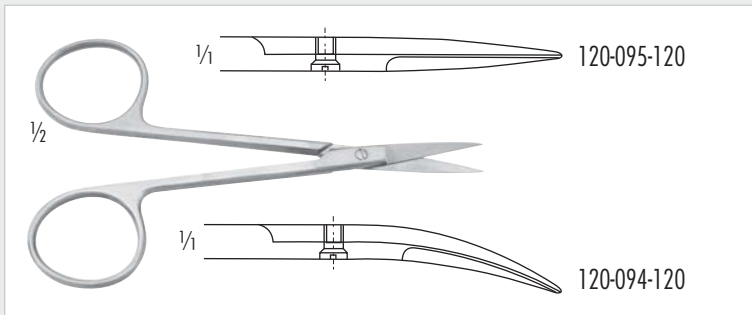
Nasenplastikschere, gebogen, 105 mm
 Nasal plastic scissors, curved, 4 1/8 inch



120-081-100

121-081-100 **Super Cut**

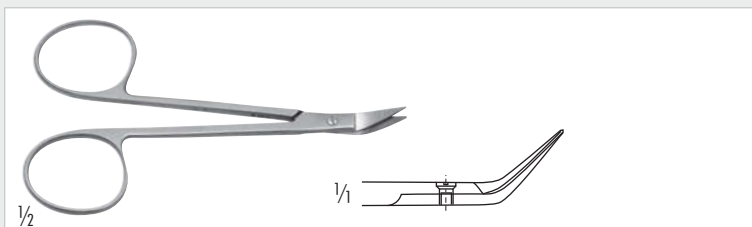
Iris Schere, gebogen, mit großen Ringen, 100 mm
 Iris scissors, curved, with large handle, 4 inch



120-095-120 gerade/straight

120-094-120 gebogen/curved

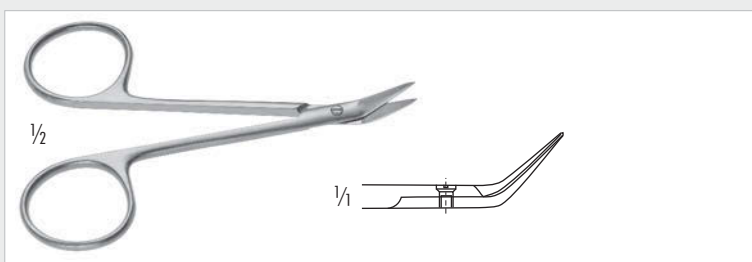
Feine Schere, 115 mm
 Delicate scissors, 4 1/2 inch



120-411-090

DANIELS

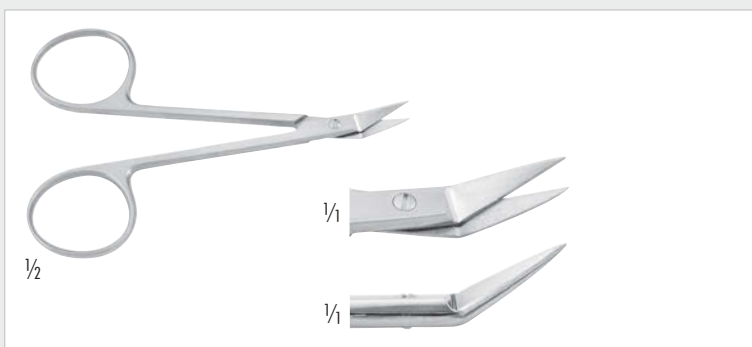
Präparierschere, 40° abgewinkelt, 90 mm
 Dissecting scissors, 40° angled, 3 1/2 inch



120-411-105

BIRO

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

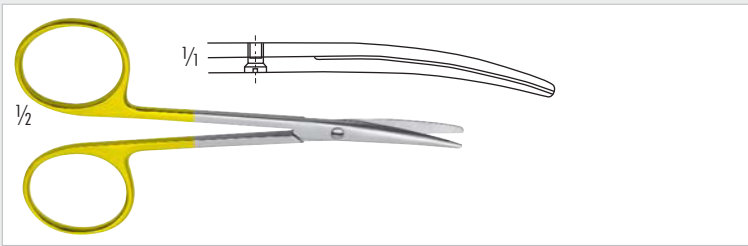


120-511-100

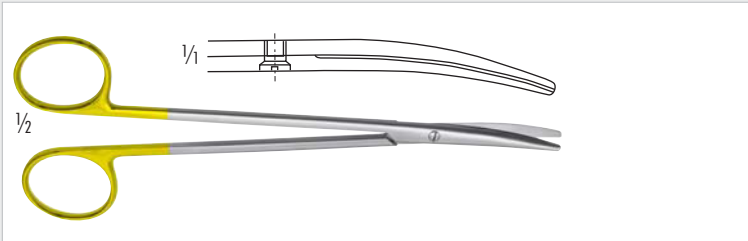
121-511-100 **Super Cut**

CONVERSE

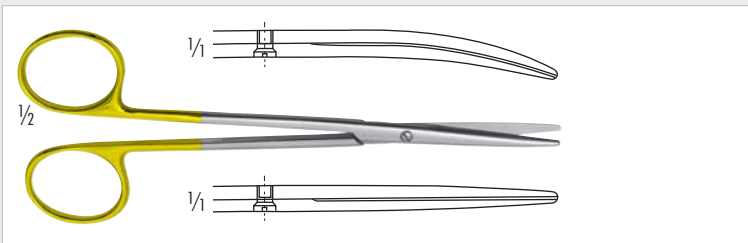
Nasenschere, aufgewinkelte Blätter, spitz/spitz, 104 mm
 Nasal scissors, angled up blades, sharp/sharp, 4 1/8 inch



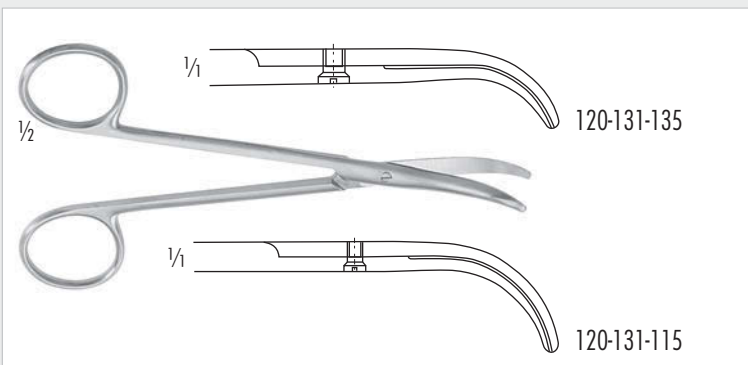
120-595-115
BABY-METZENBAUM
 TC Präparierschere, gebogen, 115 mm
 TC Dissecting scissors, curved, 4 1/2 inch



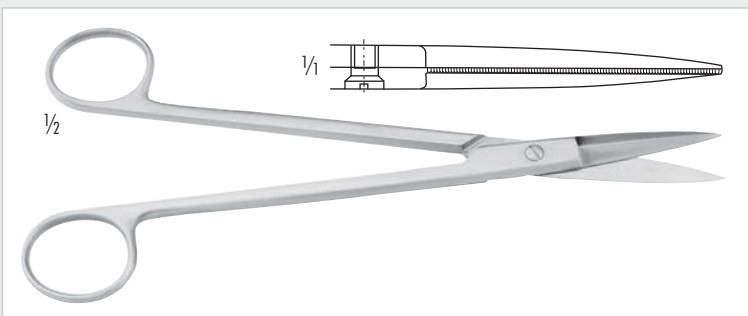
120-511-145
METZENBAUM
 TC Präparierschere, Fig 1, gebogen, 145 mm
 TC Dissecting scissors, Fig. 1, curved, 5 3/4 inch



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



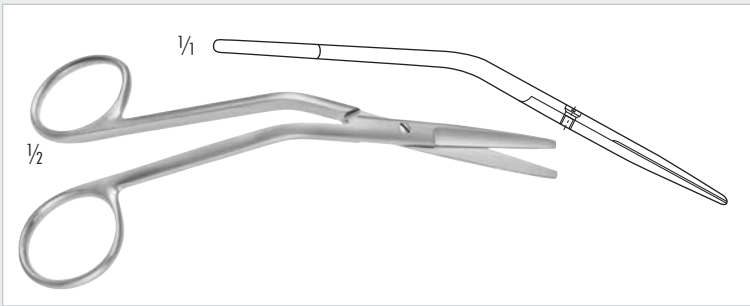
120-131-115 115 mm, 4 1/2 inch
 120-131-135 135 mm, 5 1/4 inch
FOMON
 Nasenflügelschere, stark gebogen
 Lower lateral scissors, strongly curved



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

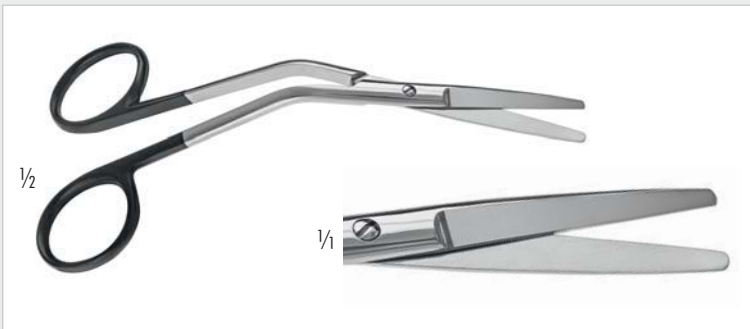


120-280-150

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

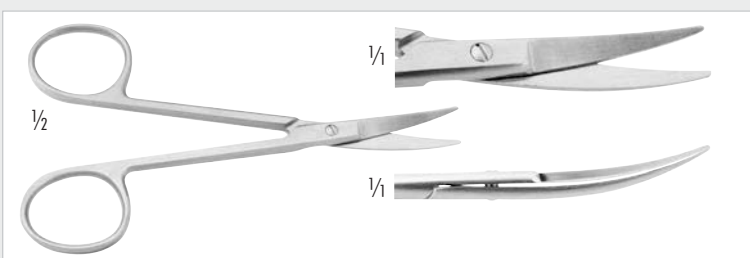


120-585-180

KNIGHT

TC Nasenschere, 180 mm

TC Nasal Scissors, 7 inch

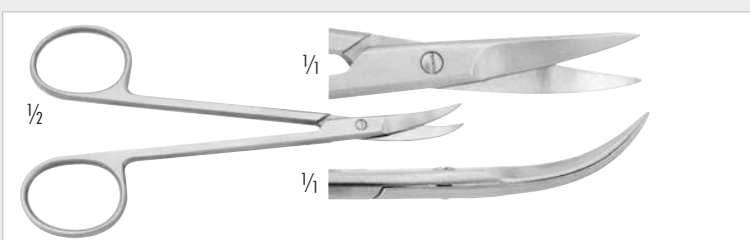


120-379-115

COTTLE

Bulldog-Schere, stumpf/stumpf, 115 mm

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



120-053-115

CHADWICK

Schere, gebogen, spitz, 115 mm

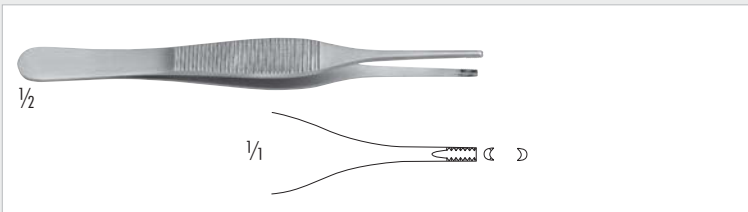
Scissors, curved, sharp, 4 1/2 inch



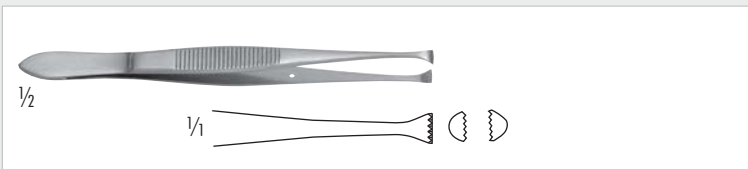
420-730-085
COTTLE
Columella-Pinzette für Kinder, mit Stellschraube
Columella clamp for children, with adjusting screw



420-730-100
COTTLE
Columella-Pinzette, mit feststehenden Fixierrollen und Stellschraube, 100 mm
Columella clamp, with fixation bearings and adjusting screw, 4 inch



130-552-120 120mm, 4 3/4 inch
130-552-150 150mm, 6 inch
ADSON-BRAUN
Wundrandpinzette, 7x7 Zähne
Tissue forceps, 7x7 teeth



400-025-110
GRAEFE
Hautfaspinzette, mit scharfen Zähnen, 110 mm
Tissue forceps, with sharp teeth, 4 3/8 inch



130-558-150
GLANZ
Pinzette atraumatisch, 150 mm
Atraumatic tissue forceps, 6 inch



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



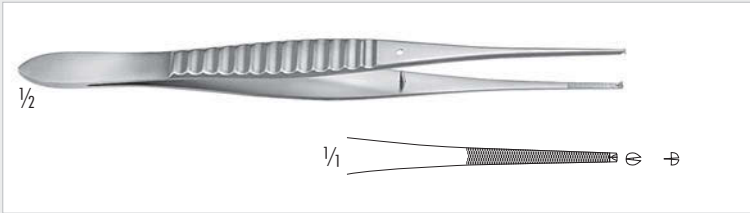
290-552-160
DEBAKEY
Atraumatische Pinzette, gerade, 2 mm Spitze, 160 mm
Atraumatic forceps, straight, 2 mm tip, 6 1/4 inch



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



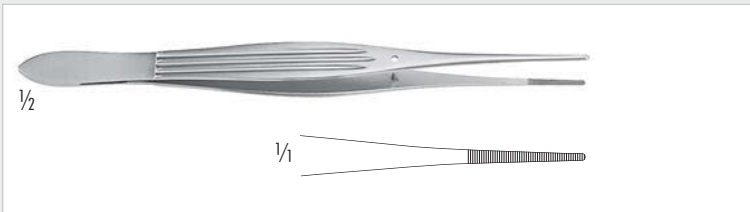
410-247-165
SHEEN
Nasenpinzette mit 6mm Löffel, bajonett gebogen, 165mm
Nasal Forceps with 6mm spoon, bayonet shape, 6 1/2 inch



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

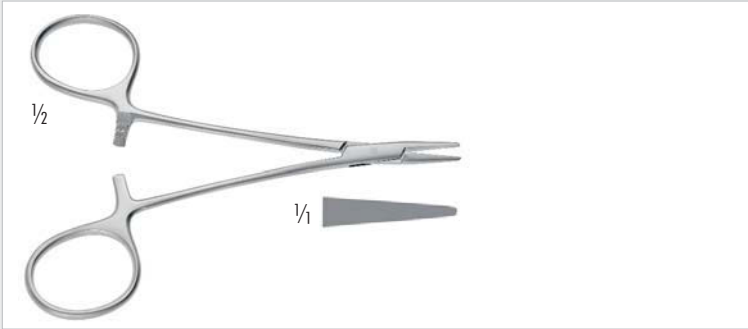
Chirurgische Pinzette, 1 x 2 Zähne, 125 mm
Tissue forceps, 1 x 2 teeth, 5 inch



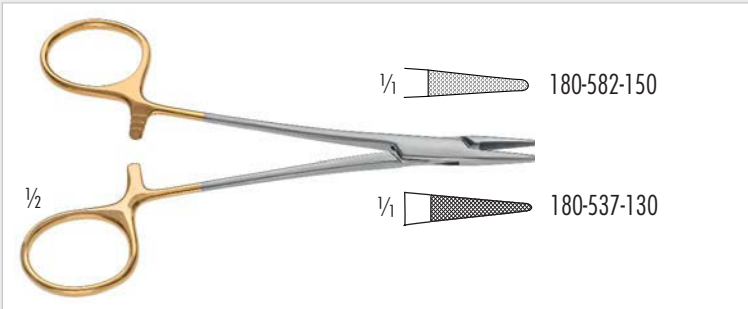
400-137-050

CASTROVIEJO

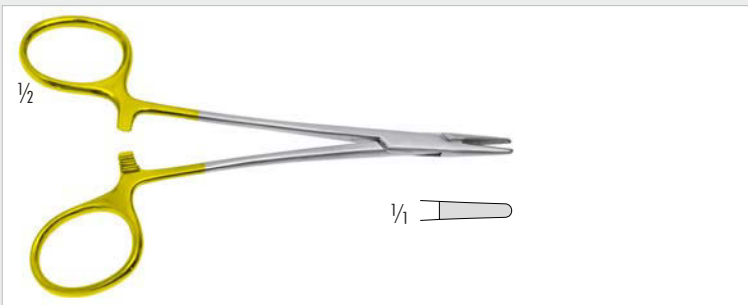
Nahtpinzette mit Fadenplatte, 0,5 mm, 1 x 2 Zähne, 100 mm
Suture forceps with tying platform, 0.5 mm, 1 x 2 teeth, 4 inch



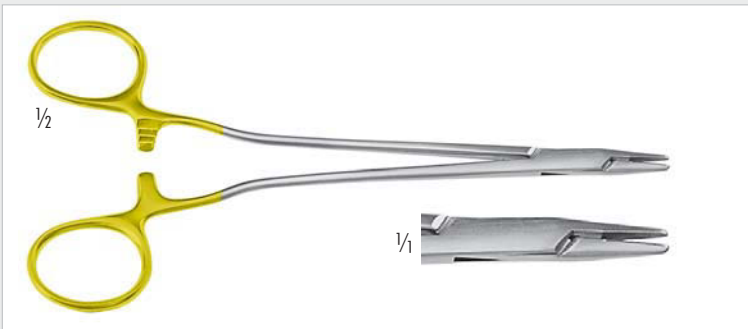
180-318-110
WEBSTER
 Nadelhalter, sehr fein, glattes Maul, 110 mm
 Needle holder, very delicate, smooth jaw, 4 1/4 inch



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

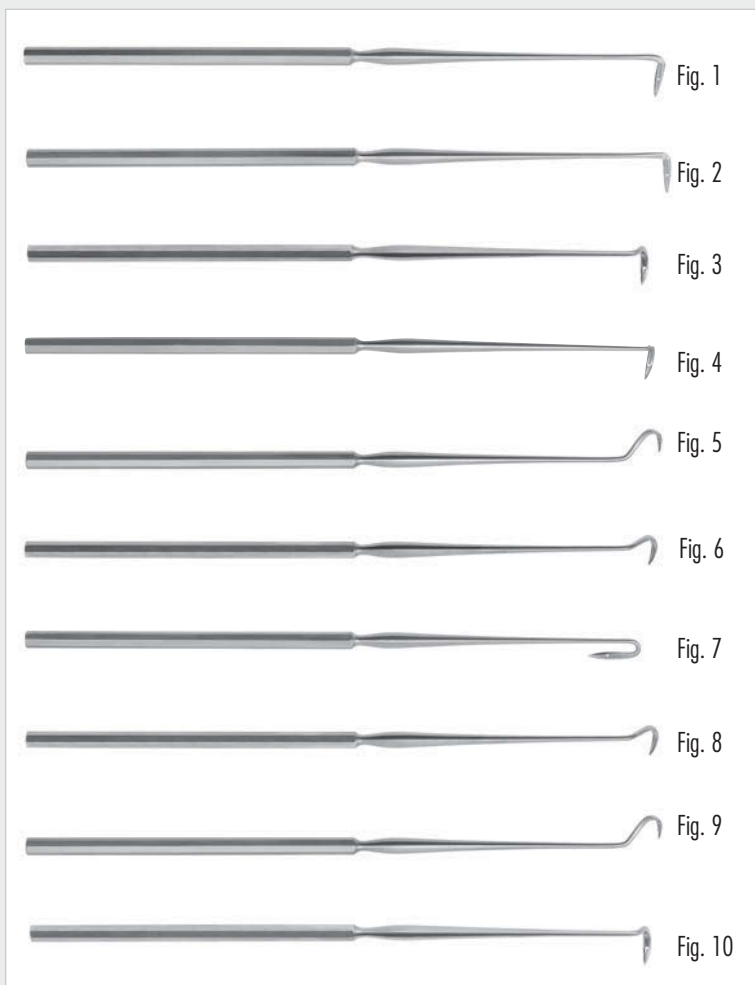


180-531-150 150 mm/6 inch
 180-531-170 170 mm/6 3/4 inch
SENNING
 TC Nadelhalter, durch seine schlanke Form besonders für tiefe Nähte bei rhinoplastischen Operationen geeignet, 170 mm
 TC Needle holder, used for suturing in rhinoplastic surgery, 6 3/4 inch



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

Nasenfrakturaufrichter, runde Form, 200 mm

Septum elevator, round (displacer), 8 inch



1/2

420-557-170

BOIES

Elevator zur Reposition von Nasenbeinbrüchen, 170 mm

Elevator for septum repositioning, 6 3/4 inch



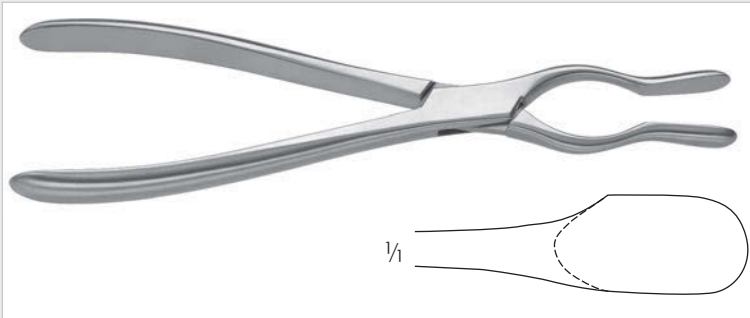
1/2

420-555-195

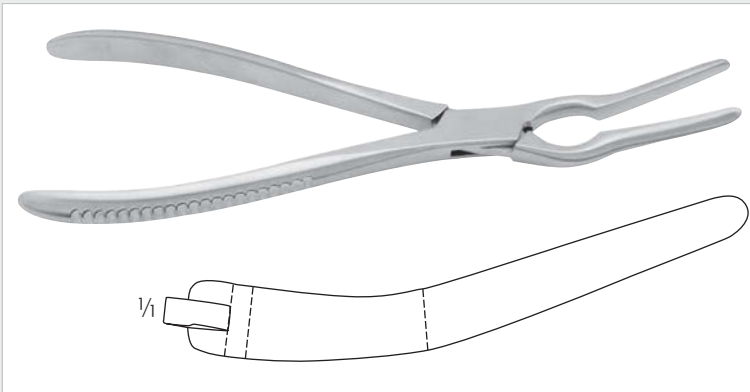
BOIES

Nasenfrakturelevator, 9 mm breite Spitze, 195 mm

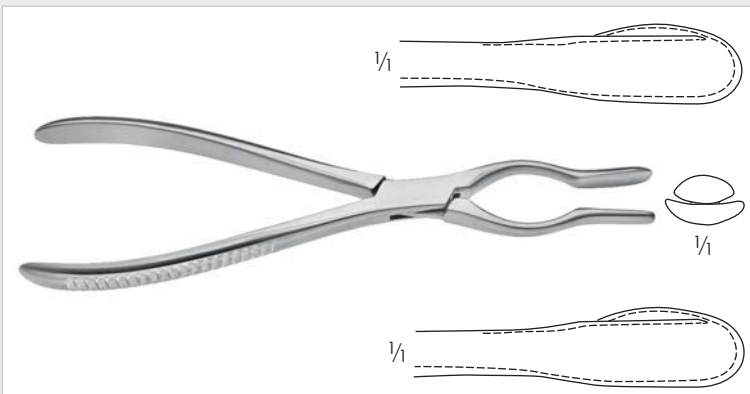
Nasal fracture elevator, 9 mm wide tip, 7 3/4 inch



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

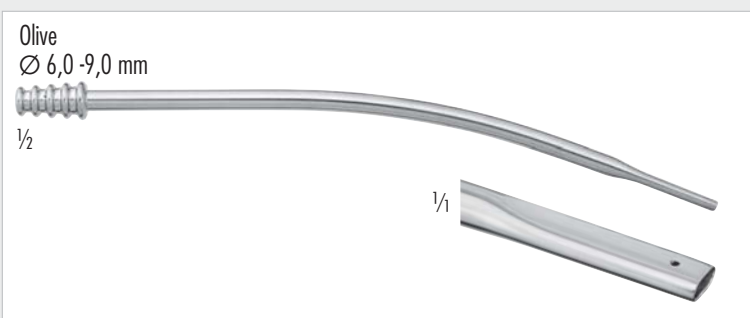


420-452-230 für rechts/right
 420-451-230 für links/left
WALSHAM
 Septumrichtzange, 210 mm
 Septum straightening forceps, 8 1/4 inch



| | 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



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

Knochenhaltezange, 185 mm
Bone holding forceps, 7 1/4 inch

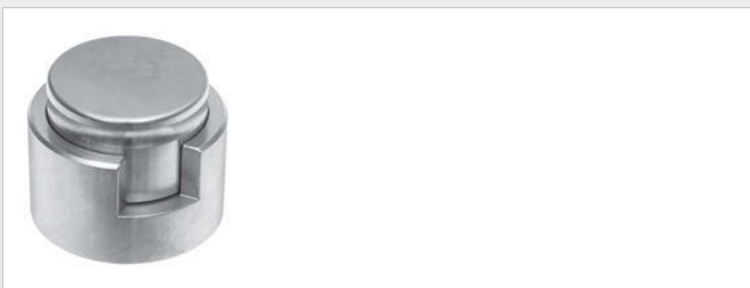


420-365-000 28mm breit/28mm wide

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
Bone crusher, inner part serrated, outer part bottom plain



420-367-000

85 x 55 mm

Kunststoffplatte, zur Bearbeitung der Knochen-Transplantate, dampfsterilisierbar

Plastic plate, for preparation of bone grafts, autoclavable



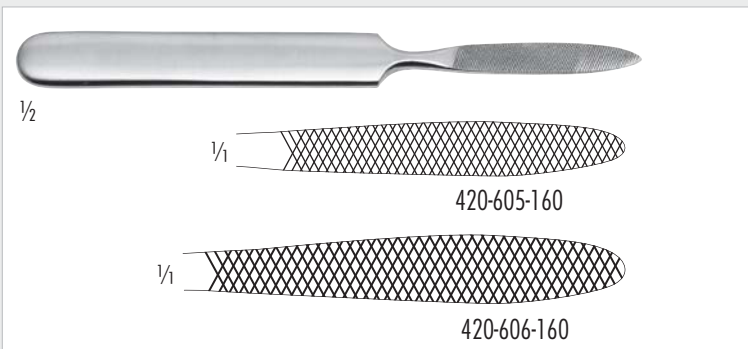
- 230-202-000 gerade/straight
- 230-202-001 bajonettförmig, links gebogen
bayonet shaped, curved to the left
- 230-202-002 bajonettförmig, rechts gebogen
bayonet shaped, curved to the right

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

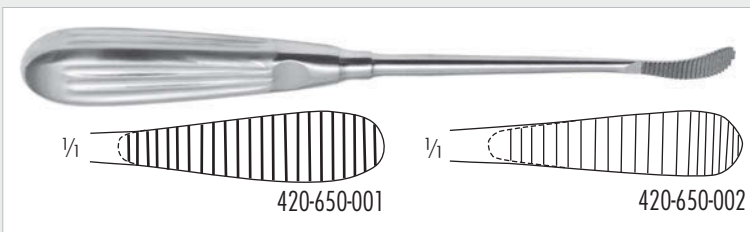
AUFRIEHT
Nasen-Raspel, 90° quer gerieft, auf Zug schneidend, 220 mm
Nasal rasp, 90° cross-serrated, teeth set to cut on down stroke, 8 3/4 inch



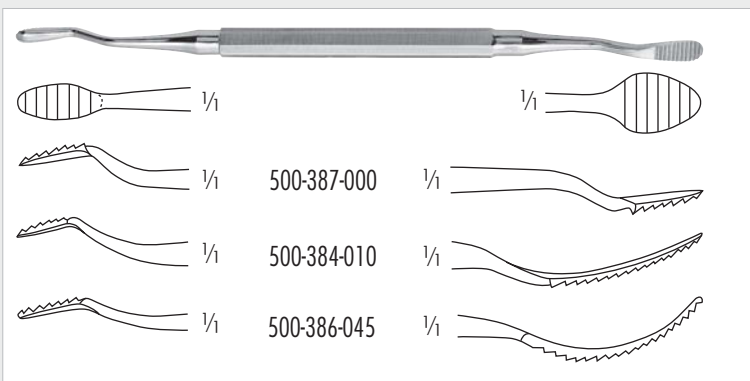
420-658-175 feine Zahnung/fine teeth
 420-659-175 grobe Zahnung/coarse teeth
LEWIS
 Raspel, 8 mm, 90° quer gerieft, auf Zug schneidend
 Rasp, 8 mm, 90° cross serrated, set to cut on down stroke



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



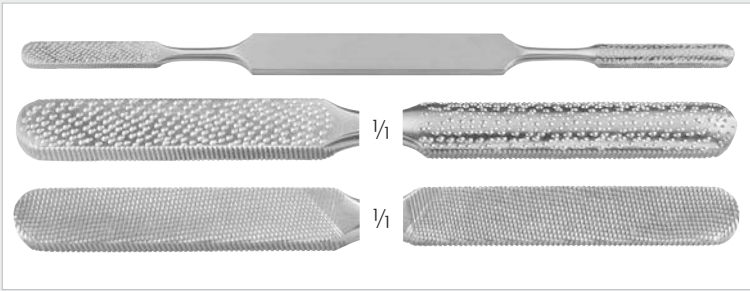
420-650-002 auf Druck schneidend/set to cut on up stroke
 420-650-001 auf Zug schneidend/set to cut on down stroke
AUFRICHT
 Raspel, 9 mm, 90° quer gerieft, 220 mm
 Rasp, 9 mm, 90° cross-serrated, 8 3/4 inch



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

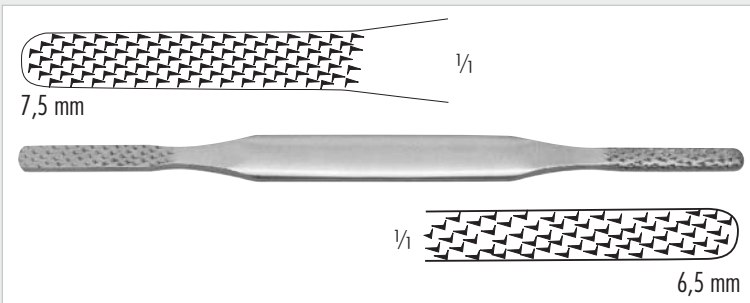


420-656-000

KLEINERT-KUTZ

Nasenraspel, doppelendig, 4-seitig, 220mm

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

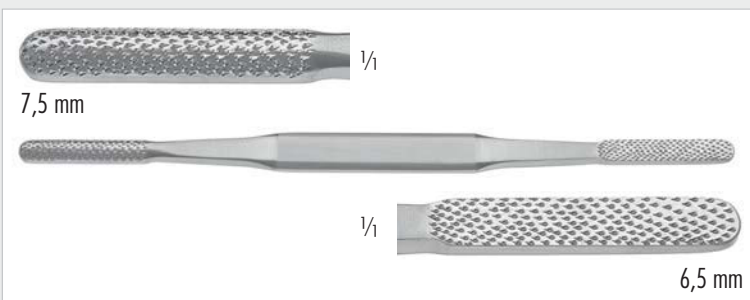


420-660-000

FOMON

Doppelraspel, grobe Zahnung, 215 mm

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

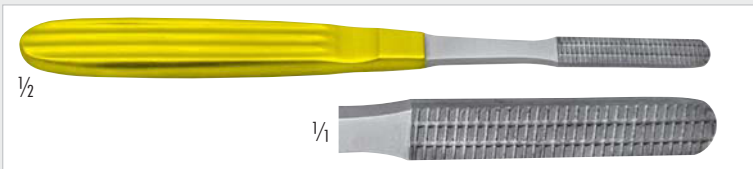
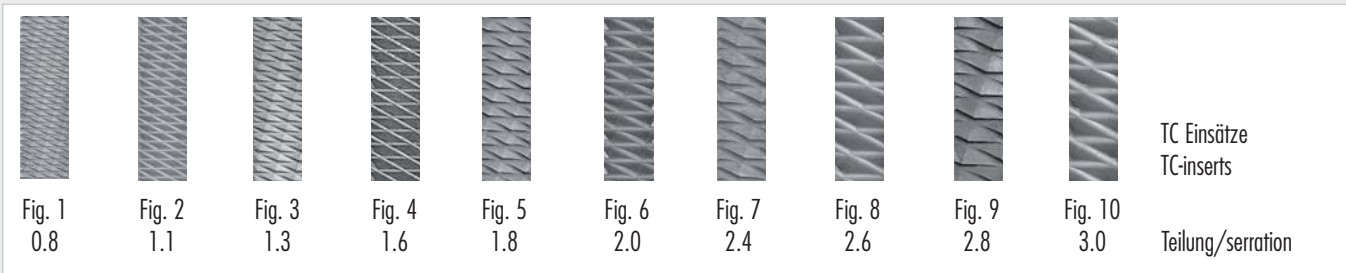


420-661-000

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

420-494-165 Fig. 4

420-493-165 Fig. 3

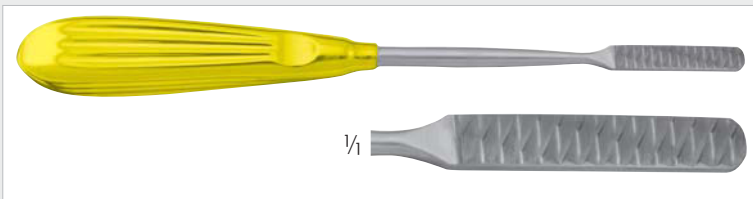
420-495-165 Fig. 5

MALTZ

420-496-165 Fig. 6

TC Nasenraspel, 170 mm

TC Nasal rasp, 6 2/3 inch



420-490-210 Fig. 1

420-495-210 Fig. 6

420-491-210 Fig. 2

420-496-210 Fig. 7

420-492-210 Fig. 3

420-497-210 Fig. 8

420-493-210 Fig. 4

420-498-210 Fig. 9

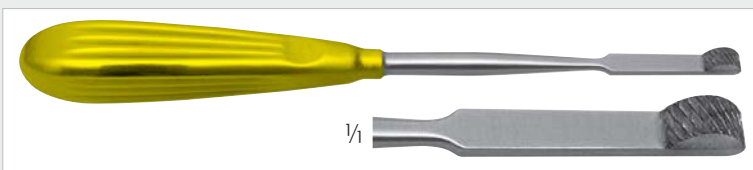
420-494-210 Fig. 5

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

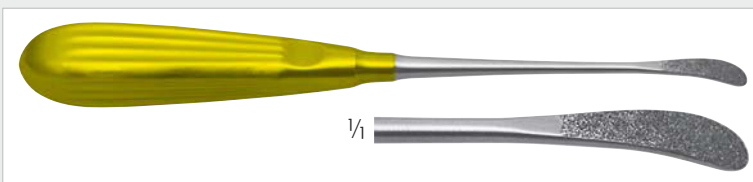
420-660-219 Fig. 1/Fig. 2

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

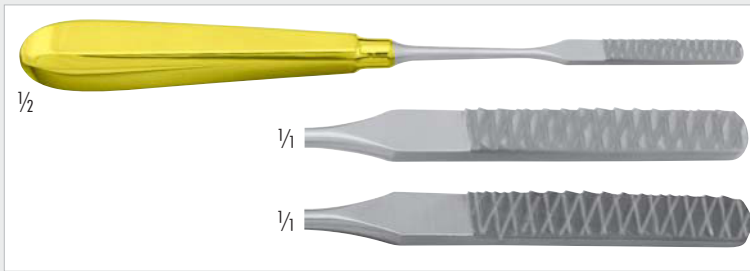


420-650-101

AUFRICHT

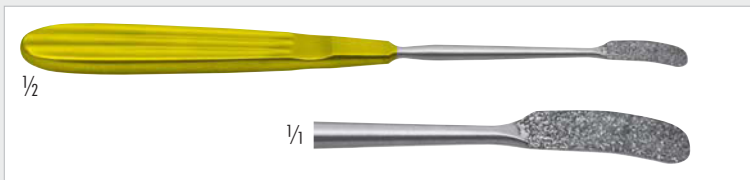
Nasenraspel, fein, gebogen, RZ diamantiert, 7 x 25 mm, 200 mm

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

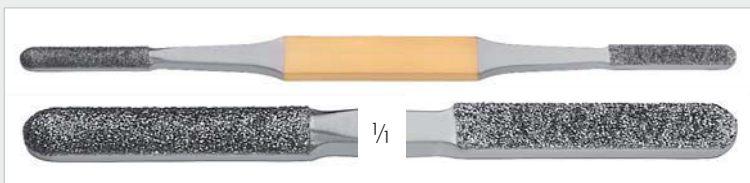


420-480-200 fein
420-488-200 grob

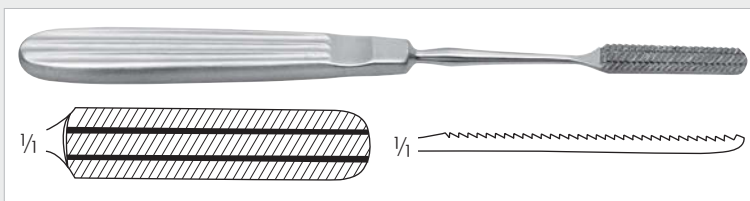
ASTON
Nasenraspel, 200 mm
Nasal rasp, 8 inch



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



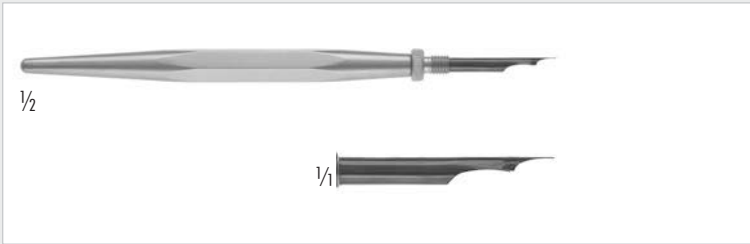
420-655-180
MCINDOE
Nasenraspel, auf Zug, gerade, 180 mm
Nasal rasp, backward cutting, 7 inch



420-756-180
BARKY-GLABELLA
Nasenraspel, auf Zug, gerade, 175 mm
Nasal rasp, backward cutting, 7 inch



260-500-001
Reinigungsbürste für TC Raspeln
Cleaning brushes for TC rasps



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

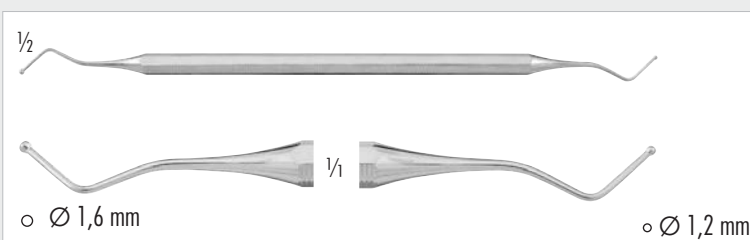
150mm, 6 inch

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 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



252-005-170
 Tonsillenanüle, gerade, mit LUER-Lock-Ansatz, 160 mm
 Tonsil needle, straight, with LUER-lock attachment, 6 ¼ inch



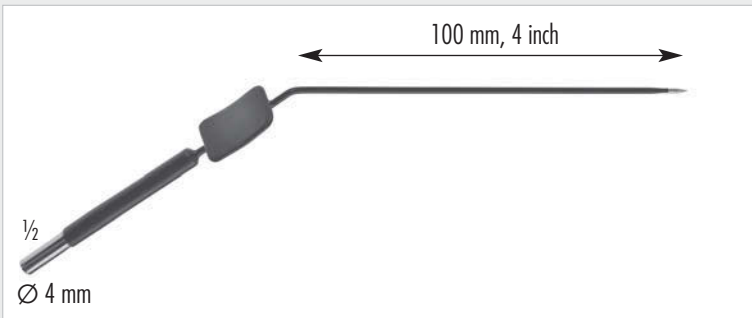
252-003-170
 Septumkanüle, abgewinkelt, mit LUER-Lock Ansatz, 160 mm
 Septum needle, angled, with LUER-lock attachment, 6 ¼ inch



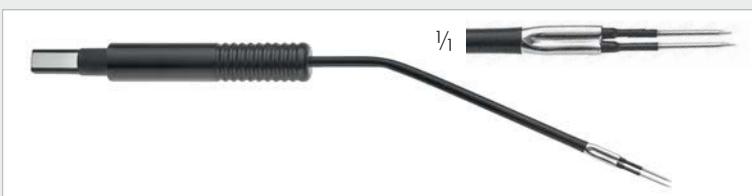
252-004-170
 Tonsillenanüle, abgewinkelte Spitze, mit LUER-Lock-Ansatz
 Tonsil needle, angled tip, with LUER-lock attachment



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
ABBAY
 Resektionsnadel, **isoliert**, mit monopolarem Anschluß
 Sub-mucosal resection needle, **insulated**, with monopolar connector



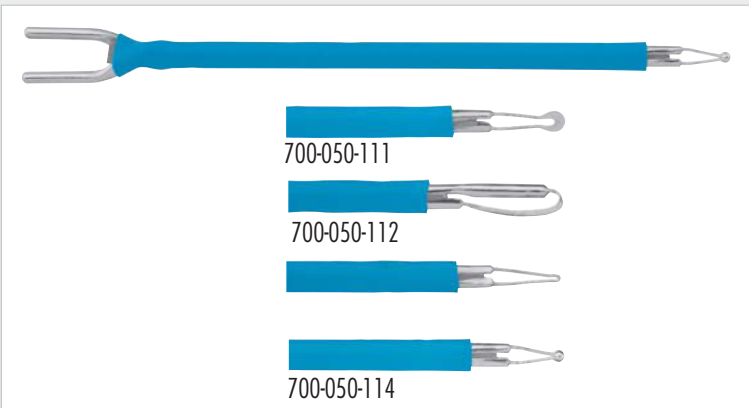
700-420-002
 Bipolare Elektrode für Nase, mit Flachstecker
 Bipolar Electrode for Nose, with flat plug



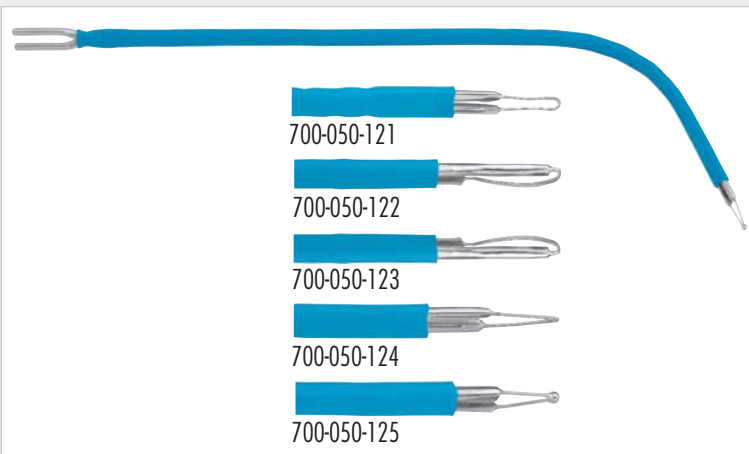
700-801-165
 Bipolare Pinzette kniegebogen, spitz, Flachstecker 165mm
 Bipolar Forceps angled, pointed, flat-plug square, 6 ½ inch



700-050-100
Handgriff für Kauter
Handle for cauter



700-050-111 messerförmig flach/flat knife
700-050-112 einseitig glühend/one side cutting
700-050-113 spitz/pointed
700-050-114 kugelförmig/ball shaped
Kauterbrenner für Nase, Platin, 100 mm
Cautery burner for nose, platinum, 4 inch



700-050-121 messerförmig flach/flat knife
700-050-122 rechts glühend/right side cutting
700-050-123 links glühend/left side cutting
700-050-124 spitz/pointed
700-050-125 kugelförmig/ball shaped
Kauterbrenner für Kehlkopf, Platin, 200 mm
Cautery burner for larynx, platinum, 7³/₄ inch



700-050-300 3 m
Kabel für Kauter
Cable for cauter

700-050-000
Transformator für Kauter, (ohne Abbildung)
Tranformer for cautery burner, (without picture)





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

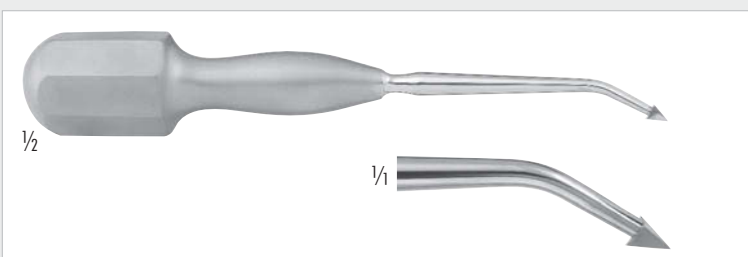
Kieferhöhlentrokar, 185 mm
 Antrum trocar, 7 1/4 inch



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

Harpumentrokar, 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

Kiefernhöhleenspülröhrchen, 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

Kiefernhöhleenspülröhrchen, 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

Kiefernhöhlenspülröhrchen, 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

Kiefernhöhlenspülröhrchen, mit der Öffnung am äußeren Biegeradius, stumpf, 130 mm

Irrigation antrum cannula, with outside opening, blunt, 5 1/8 inch



252-530-190

WATSON-WILLIAMS

Stirnhöhlen-Spülröhrchen, Luer-Konus, Arbeitslänge: 190 mm

Sinus Irrigation Tube, Luer cone, working length: 7 1/2 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

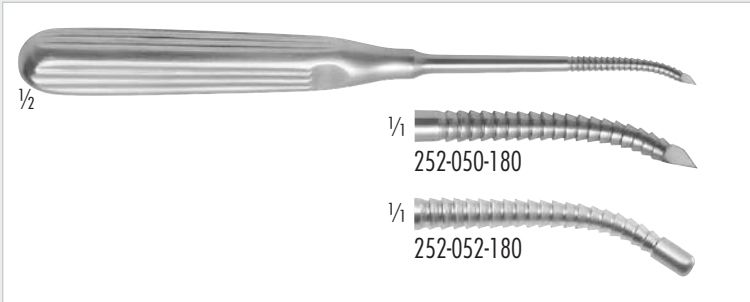


165-077-000

MUCK

Saugglas nach Muck

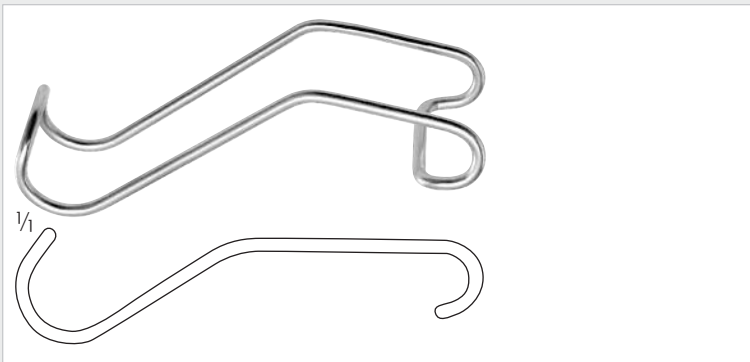
Nasal suction cup sim. Muck



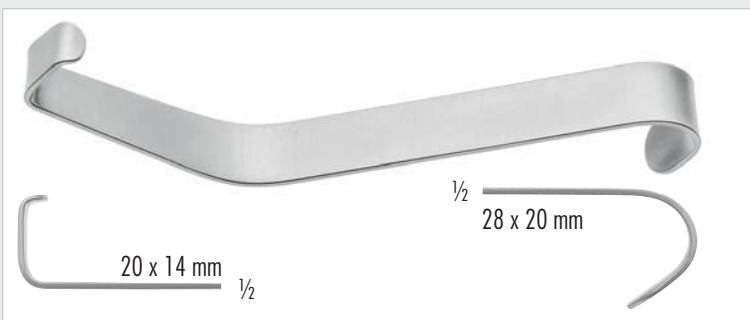
252-050-180 spitz / sharp
 252-052-180 stumpf / blunt
 Kieferhöhlen Trephin, amerikanisches Modell, 180 mm
 Antrum trephine, American pattern, 7 inch



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
 Wangenhalter
 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



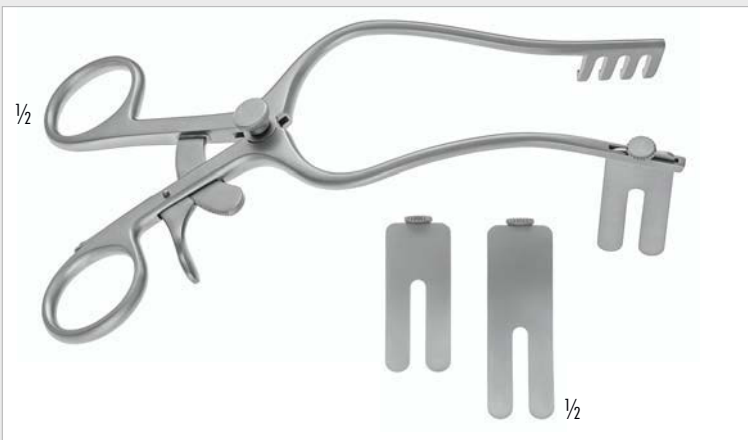
170-293-001 30 x 11 mm
LANGENBECK
 Wundhaken, 220 mm
 Wound retractor, 8 3/4 inch



- 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

Kieferhöhlensperrer, scharf gezahnt, 130 mm
Antrum retractor, sharp serration, 5 1/8 inch



- 170-767-165 rechts/right (abgebildet/illustrated)
170-768-165 links/left

TALBOT

Orbita-Spreizer, 165 mm
Orbita-retractor, 6 1/2 inch



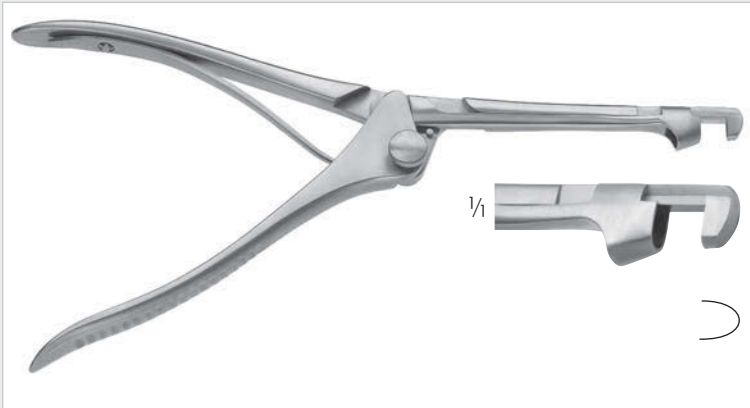
410-902-000

FERRIS SMITH

Wundsperrer Set, komplett
Retractor Set, complete



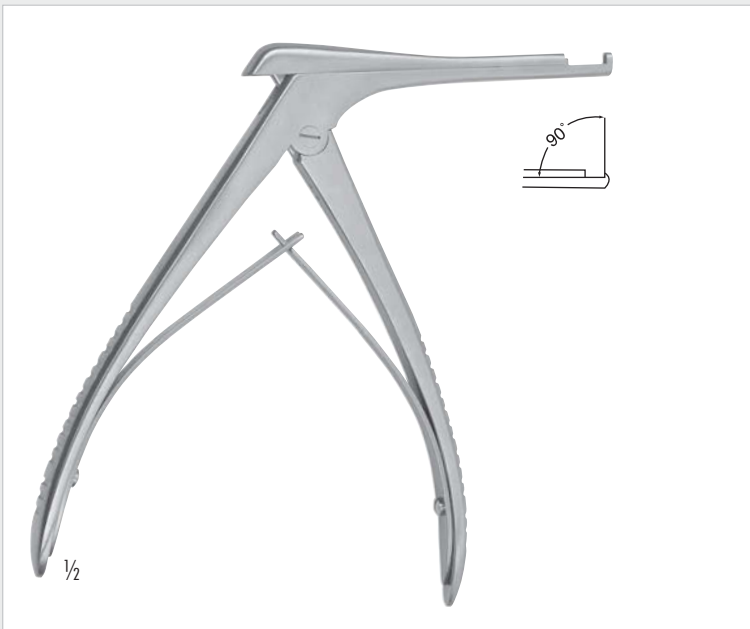
- 252-500-175 3mm Ausschnitt/bite
252-499-175 2mm Ausschnitt/bite
Stirnhöhlenstanze, 70° im Schaft aufgebogen,
40° nach oben vorwärts schneidend, Arbeitslänge: 140mm
Frontal Sinus Punch Forceps, sheath 70° upturned,
40° upbiting forward, working length: 5 1/2 inch



252-200-200

HAIJK-CLAUS

Kieferhöhlenstanze, durchschneidend, 200 mm
Antrum Punch, through cutting, 8 inch



252-200-095 2 mm Schnitt / 2 mm bite

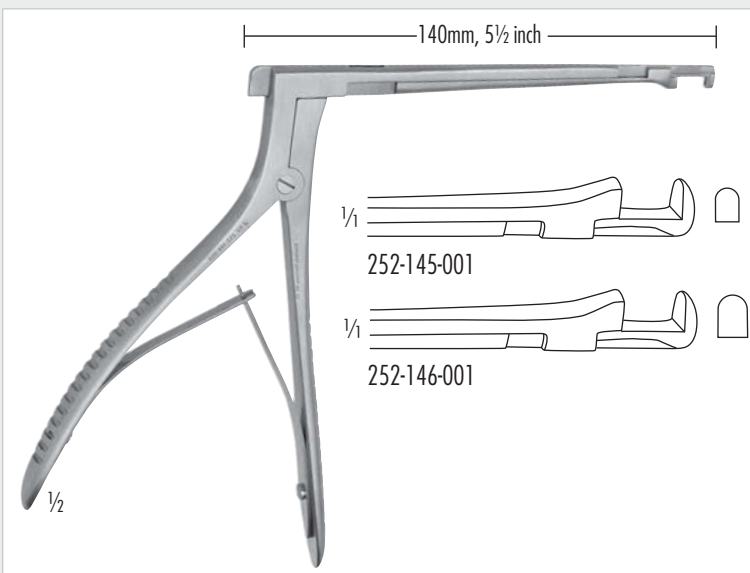
BEYER

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

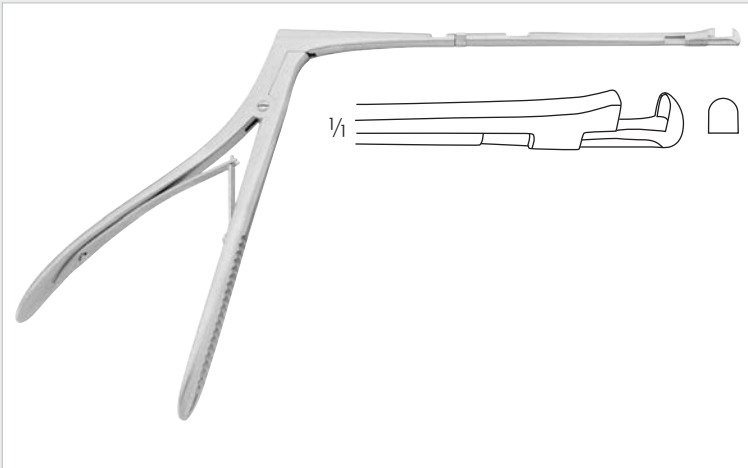
252-145-004 nach unten, rückwärts/downbiting, backward

252-145-005 nach oben, vorwärts/upbiting, forward

HAIJK-KOFLER

Stanze, 3,5 x 3,5 mm, 140 mm

Punch, 3.5 x 3.5 mm, 5 1/2 inch



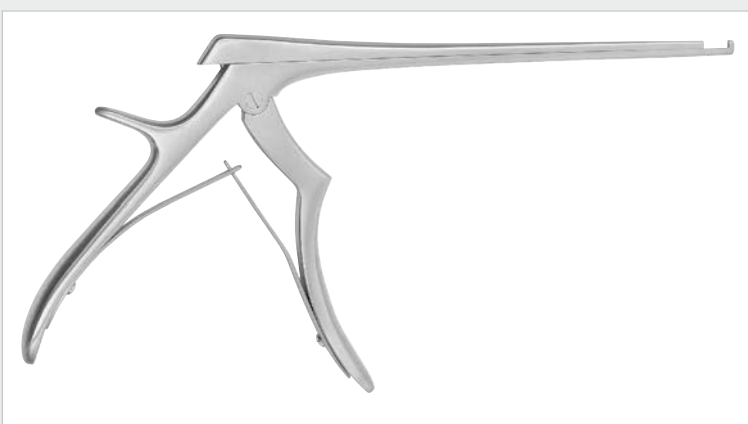
252-535-170 3,5 mm
HAJEK-KOFLER
 Stanze, drehbar 360°, Arbeitslänge: 170 mm
 Punch, rotating 360°, working length: 6 ¾ inch



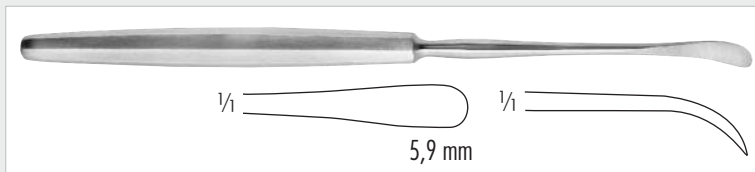
252-147-170
CITELLI
 Knochenstanze, 1,5 mm, durchschneidend, Arbeitslänge: 170 mm
 Bone punch, 1.5 mm, through cutting, working length: 6 ¾ inch



252-148-170
BEYER
 Knochenstanze, 2,0 mm, durchschneidend, Arbeitslänge: 170 mm
 Bone punch, 2.0 mm, through cutting, working length: 6 ¾ inch



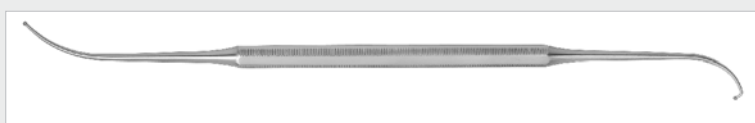
252-149-172 nach oben / upbiting
 252-149-272 nach unten / downbiting
KERRISON
 Knochenstanze, 2,0 mm, Arbeitslänge: 180 mm
 Bone punch, 2.0 mm, working length: 7 inch



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



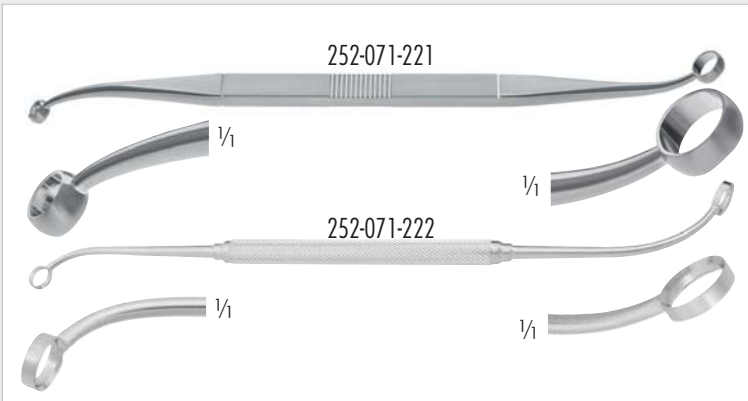
252-171-190 rund, 45° gebogen/round, 45° curved
 252-182-190 oval klein, gebogen/oval small, curved
 252-193-190 oval groß, 30° gebogen/oval large, 30° angled
 Kieferhöhlenlöffel , 200mm
 Antrum spoon, 7 3/4 inch



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



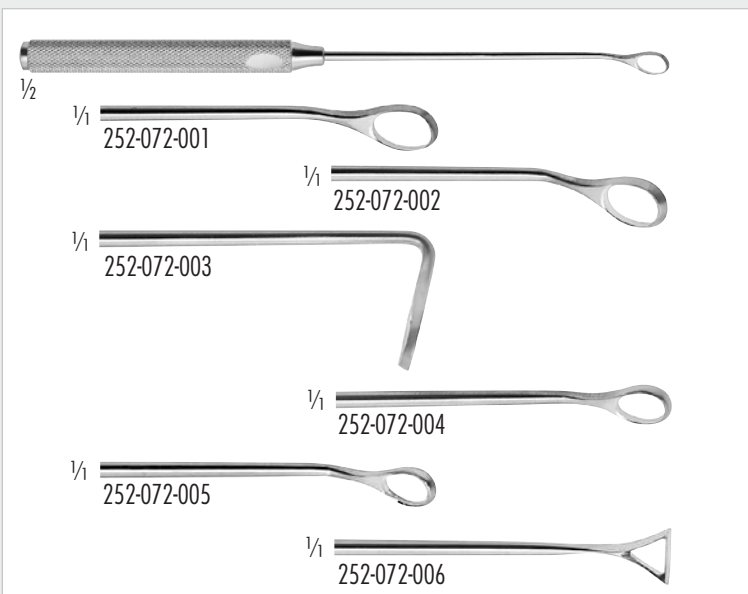
252-071-220
FAULKNER
 Kieferhöhlenkürette, 220 mm
 Antrum curette, 8 1/2 inch



- 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

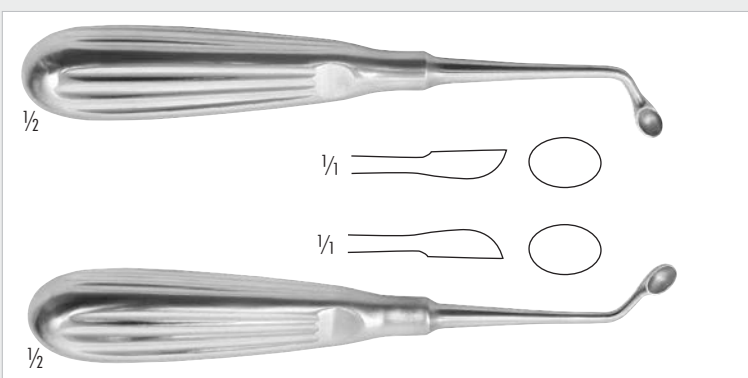
Kieferhöhlenkürette, 170 mm
Antrum curette, rigid shank, 6 3/4 inch



- 252-172-190 55° gebogen/curved
252-173-190 90° gebogen/curved

KUHN-BOLGER

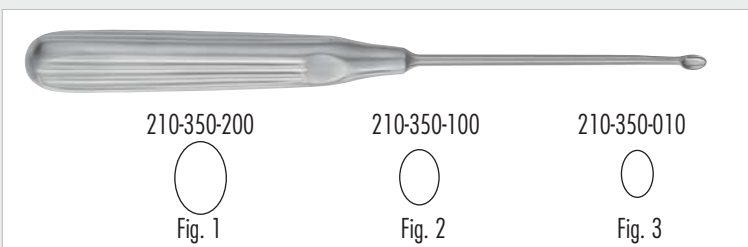
Kieferhöhlenlöffel, 190 mm
Antrum spoon, 7 1/2 inch



- 210-345-007 rechts gebogen/right curved
210-347-007 links gebogen/left curved

UFFENORDE

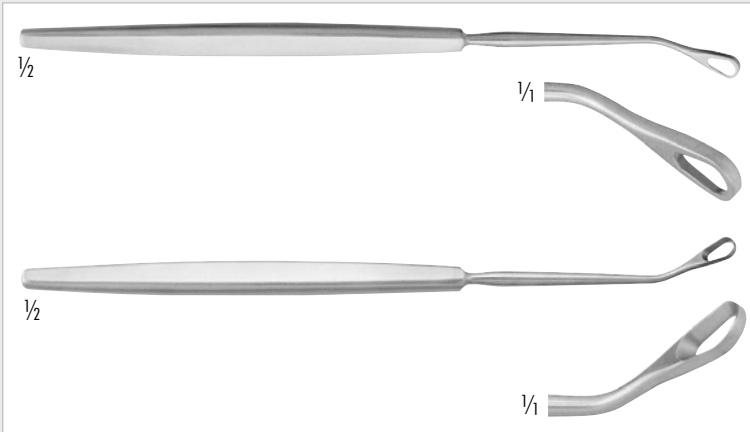
Kieferhöhlenlöffel, 170 mm
Antrum spoon, 6 3/4 inch



- 210-350-200 4,8 mm Fig. 1
210-350-100 5,8 mm Fig. 2
210-350-010 6,8 mm Fig. 3

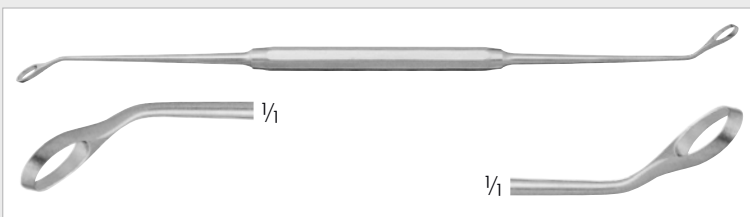
HALLE

Scharfe Löffel, biegsam, 210 mm
Antrum spoon, malleable, sharp, 8 1/4 inch

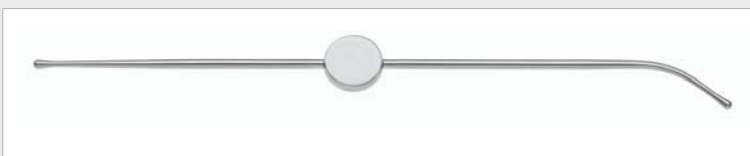


252-113-190 vorwärts schneidend/forward cutting
252-114-190 rückwärts schneidend/backward cutting

COAKLEY
Kieferhöhlenkürette, klein, 200 mm
Antrum curette, small, 7 3/4 inch



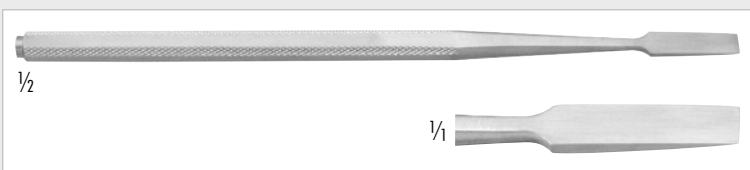
252-072-245
HALLE
Kieferhöhlenkürette, 200 mm
Antrum curette, 7 3/4 inch



252-073-200
Kieferhöhlensonde, 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
Orbitalschützer, 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

Stirnhöhlerdilator, 160 mm
Frontal sinus bougies, 6 ¼ 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

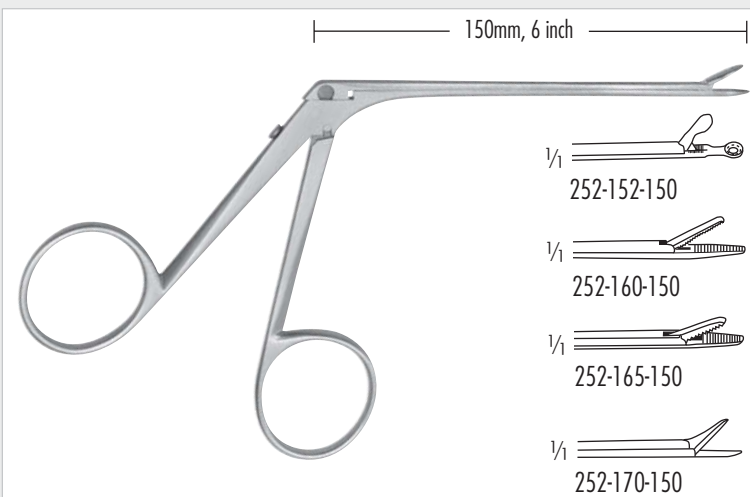
Saugkanüle, 180 mm
Suction tube, 7 inch



252-025-180

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

252-160-150

Faßzängchen, fein gerieft
Grasping forceps, fine serrations

252-165-150

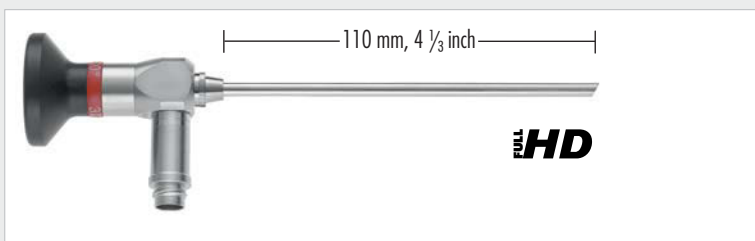
Faßzängchen, grob gerieft
Grasping forceps, coarse serrations

252-170-150

Scherchen
Scissors



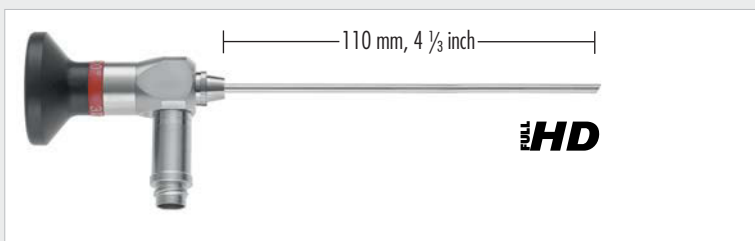
252-104-000 0°
252-104-030 30°
252-104-045 45°
252-104-070 70°
Sinuskopie-Optiken, autoklavierbar, 4,0 mm, 180 mm
Sinusscopes, autoclavable, 4.0 mm, 7 inch



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

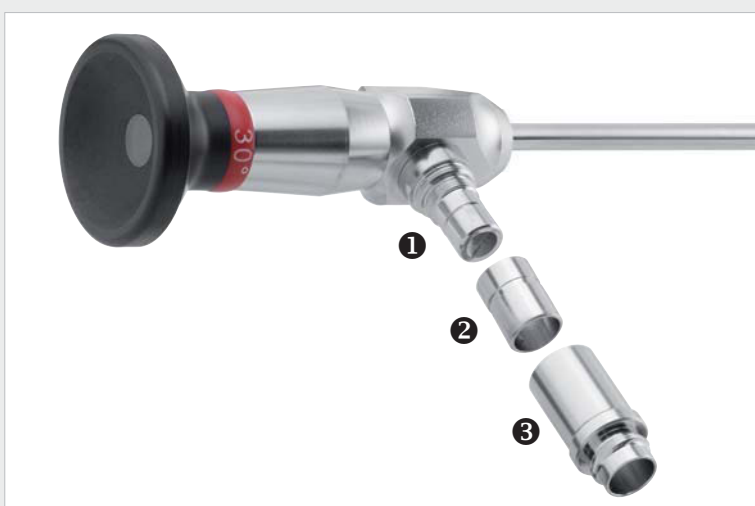


252-127-000 0°
252-127-030 30°
252-127-070 70°
Sinuskopie-Optiken, autoklavierbar, 2,7 mm, 180 mm
Sinusscopes, autoclavable, 2.7 mm, 7 inch

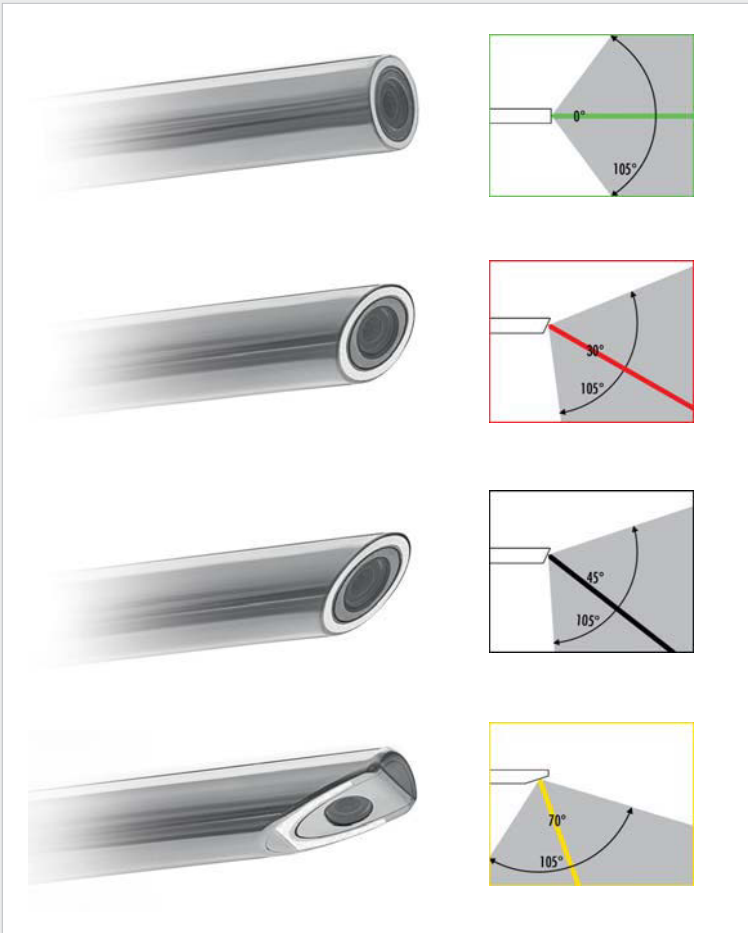


252-127-200 0°
252-127-230 30°
252-127-270 70°
Sinuskopie-Optiken, Kinder, autoklavierbar, 2,7 mm, 110 mm
Sinusscopes, pediatric, autoclavable, 2.7 mm, 4 1/3 inch

- 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

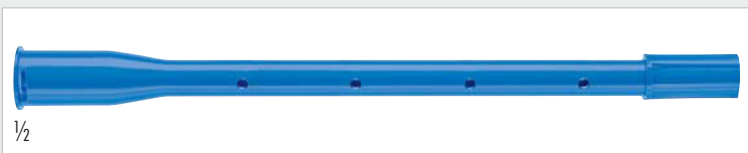


- 1 RZ/Storz Anschluss / RZ/Storz connection
- 2 R. Wolf Anschluss / R. Wolf connection
- 3 ACMI/Gyrus Anschluss / ACMI/Gyrus connection



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-Trocar und Trocarhülse für 4,0 mm Optik,
scharfer Trocar 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

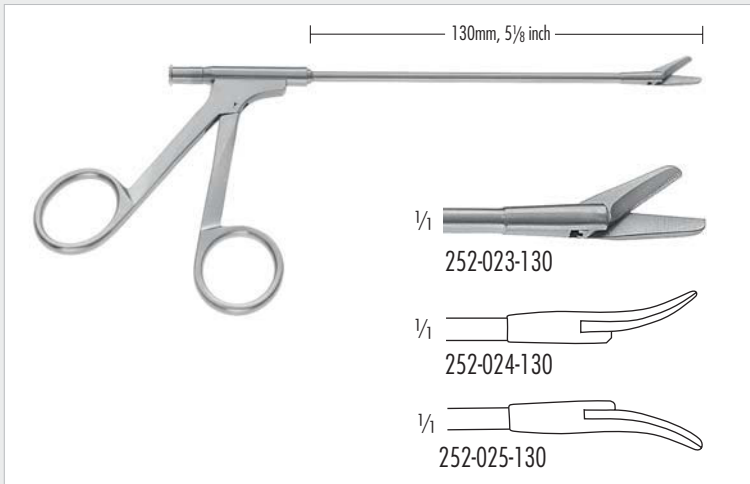
420-150-205 links/left 75mm, rechts/right 45mm

420-150-206 links/left 45mm, rechts/right 75mm

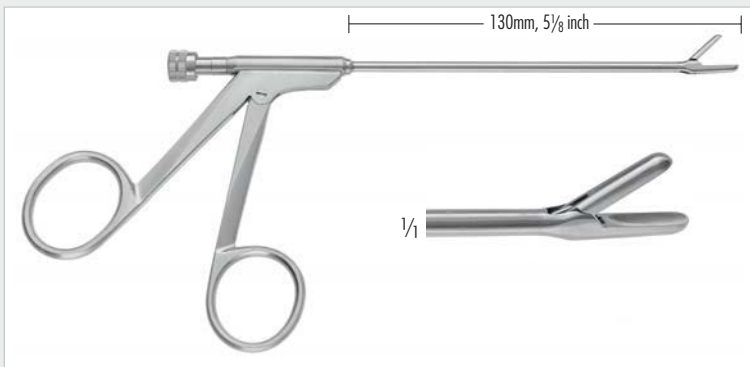
KILLIAN STRYKEN

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

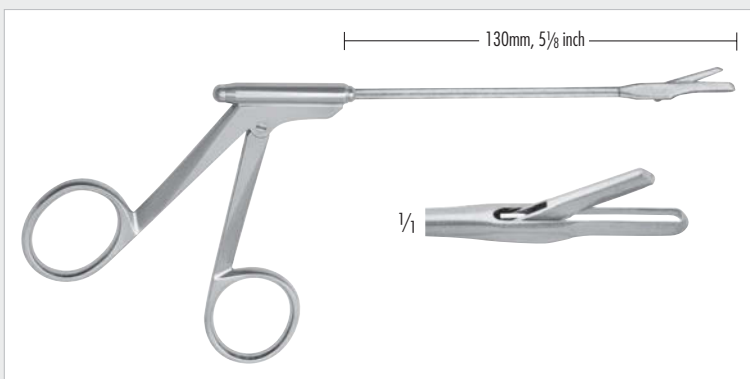
Sinus Specula for use with flexible arm, with teeth, with set screw



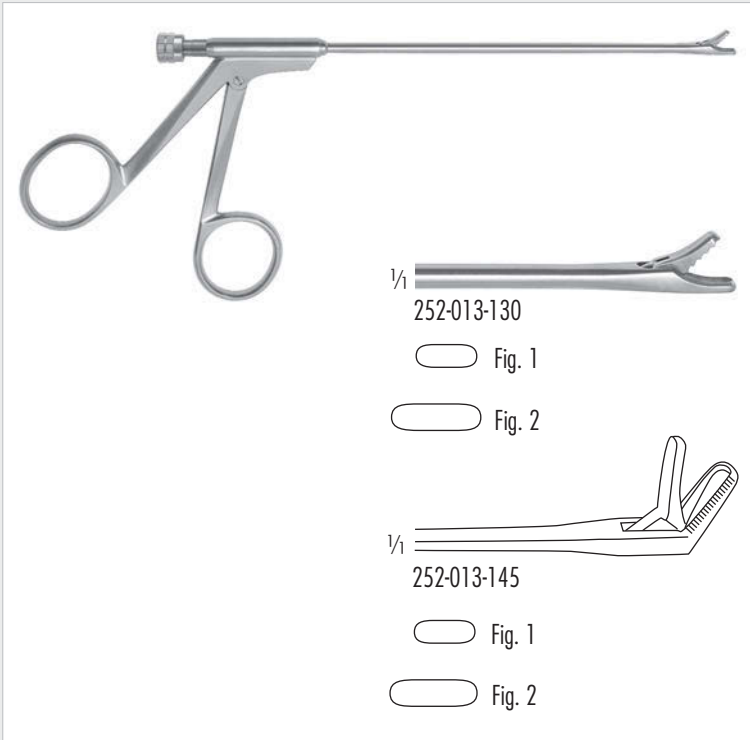
252-023-130 gerade/straight
 252-024-130 links gebogen/curved to left
 252-025-130 rechts gebogen/curved to right
 Nasenschere, 130 mm
 Nasal scissors, 5 1/8 inch



252-002-130
TAKAHASHI
 Siebbeinzange, 3x10 mm, 130 mm
 Ethmoidal forceps, 3x10 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

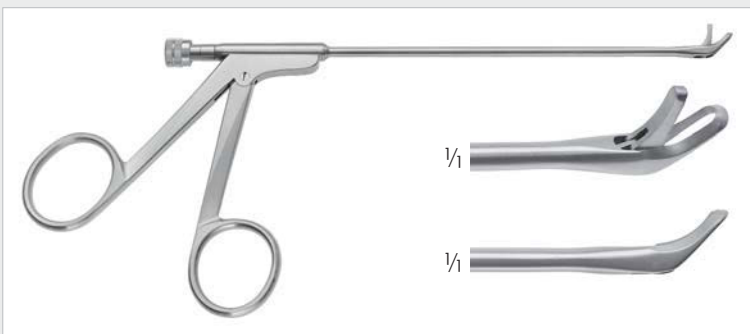
45° aufgebogen
45° upwards



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

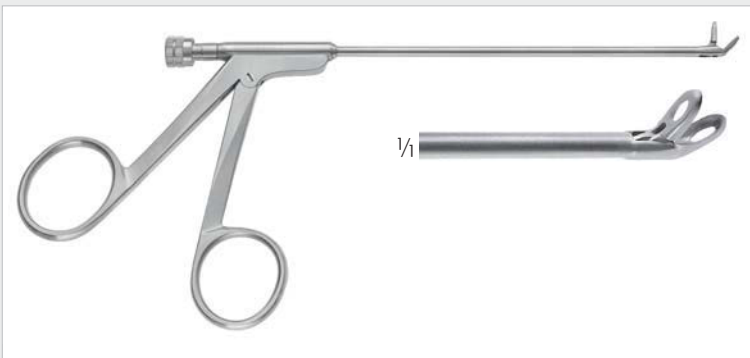
Duckbill Punch, aufwärts, Arbeitslänge: 130 mm
Duckbill Punch, upwards, working length: 5 1/8 inch



- 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
- 252-034-135 Größe 5/size 5 = 6 mm

BLAKESLEY-WILDE

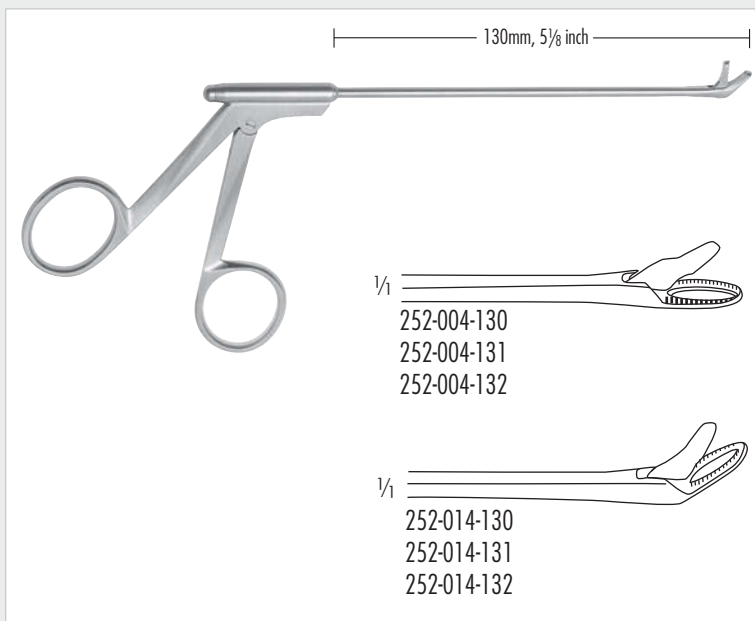
Nasenzange, 45° aufgebogen, 130 mm
Ethmoidal forceps, 45° angled, 5 1/8 inch



- 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
- 252-037-134 Größe 4/size 4 = 5 mm
- 252-037-135 Größe 5/size 5 = 6 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

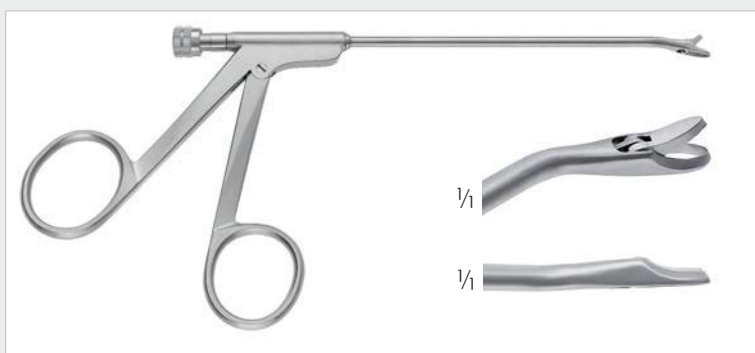
BLAKESLEY

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

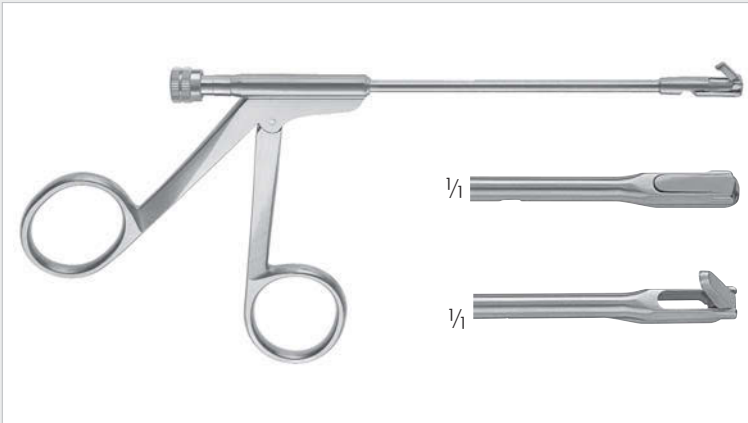
Nasenzange, durchschneidend, 2,5 mm Schnitt, Arbeitslänge: 115 mm
Nasal Forceps, through cutting, 2.5 mm bite, working length: 4 1/2 inch



- 252-115-025 oben öffnend/upwards cutting
- 252-115-125 links öffnend/left side cutting
- 252-115-225 rechts öffnend/right side cutting

OSTROM

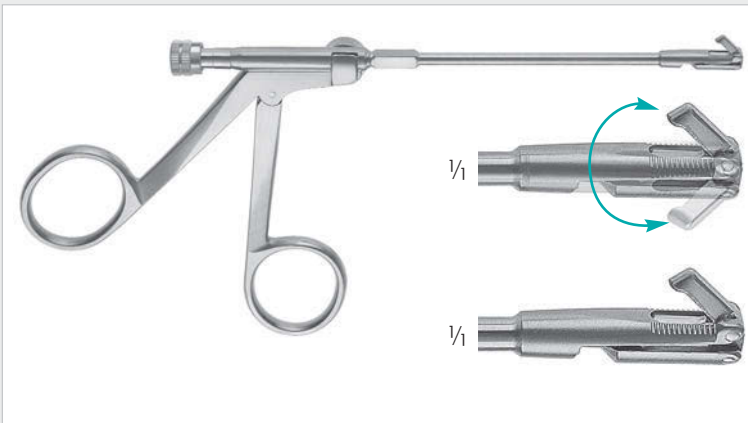
Ostrom Sinusstanze, 2,5 mm Schnitt, Arbeitslänge: 115 mm
Ostrom Sinus Punch, 2.5mm bite, working length: 4 1/2 inch



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

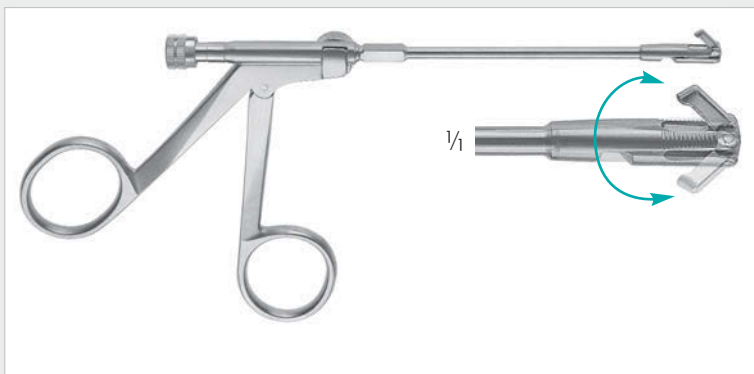
Kieferhöhlenstanze, rückwärts schneidend, 2,5 mm Schnitt,
 Arbeitslänge: 100 mm
 Antrum punch, backward cutting, 2.5 mm cut,
 working length: 4 inch



252-010-100 oben/upside
 252-110-100 rechts/right
 252-210-100 links/left

OSTROM

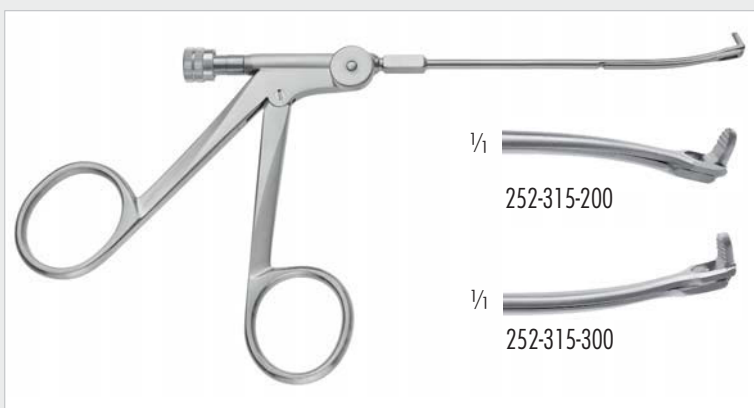
Kieferhöhlenstanze, kleines schlankes Modell, 1,5 mm Schnitt,
 rückwärts schneidend, Arbeitslänge: 100 mm
 Antrum punch, small delicate pattern, 1.5 mm bite, backward cutting,
 working length: 4 inch



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

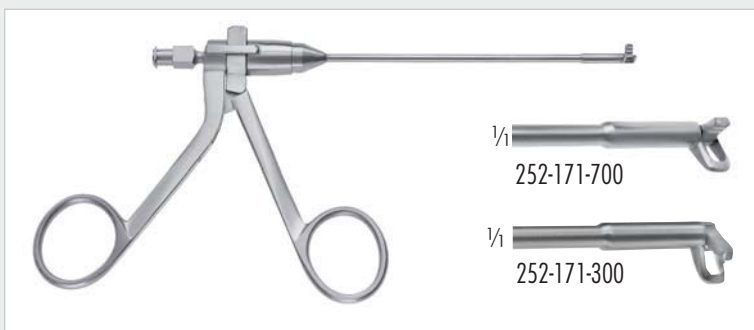


252-315-200 abgebogen/curved down

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

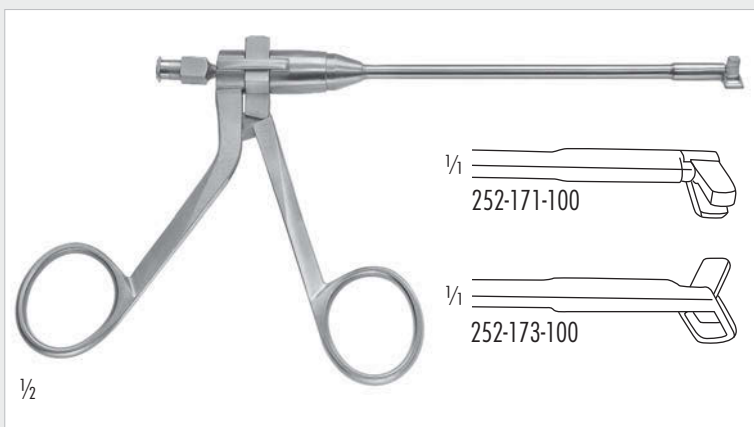
252-171-700 rechts schneidend/right cutting

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

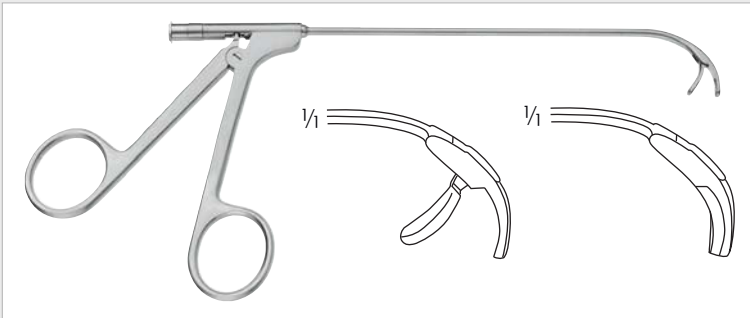


252-171-100 nach rechts unten schneidend
downward right cutting

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

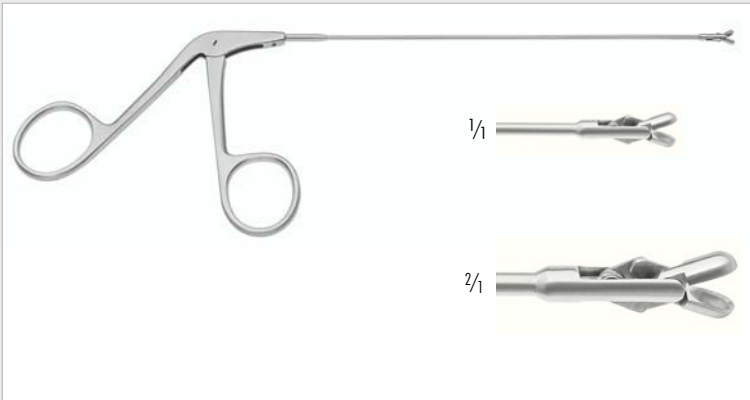


252-410-112

HEUWIESER

Kieferhöhlen-Faßzange, 90° gebogen, bis 120° rückwärts öffnend, Arbeitslänge: 130 mm

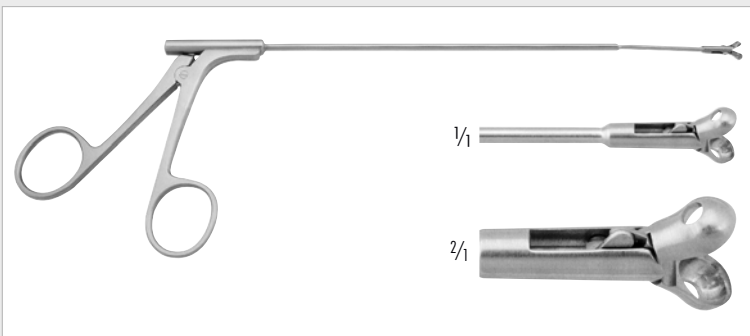
Antrum grasping forceps, 90° curved, 120° backward opening, working length: 5 inch



252-503-140

Probexcisions- und Faßzange, extra fein, mit ovalem Löffel 3 mm, 140 mm

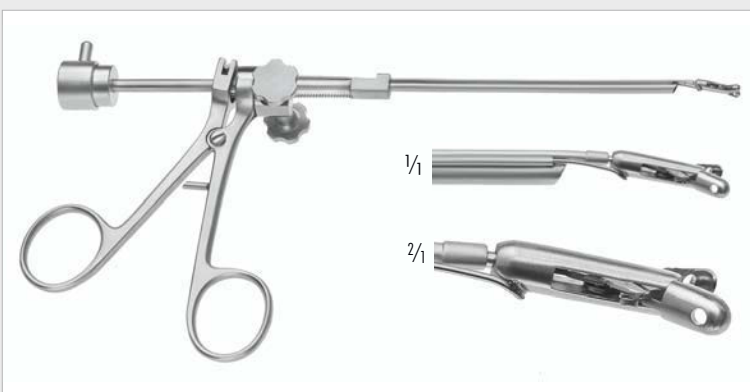
Biopsy and Grasping forceps, delicate pattern, 3 mm oval cup, 5 1/2 inch



252-174-180

Probeexcision- und Fasszange, Schaftende biegsam, 4 mm Löffel, vertikal öffnend, 180 mm

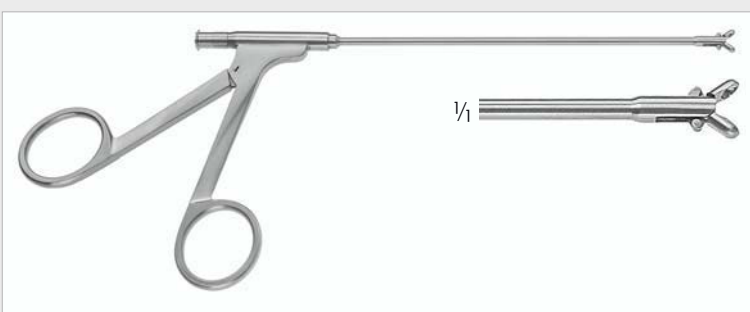
Biopsy and Grasping forceps, malleable shaft, 4 mm biopsy cup, vertical opening, 7 inch



252-501-140

Optische Löffel- und Faßzange, für 2,7 mm Optiken, 140 mm

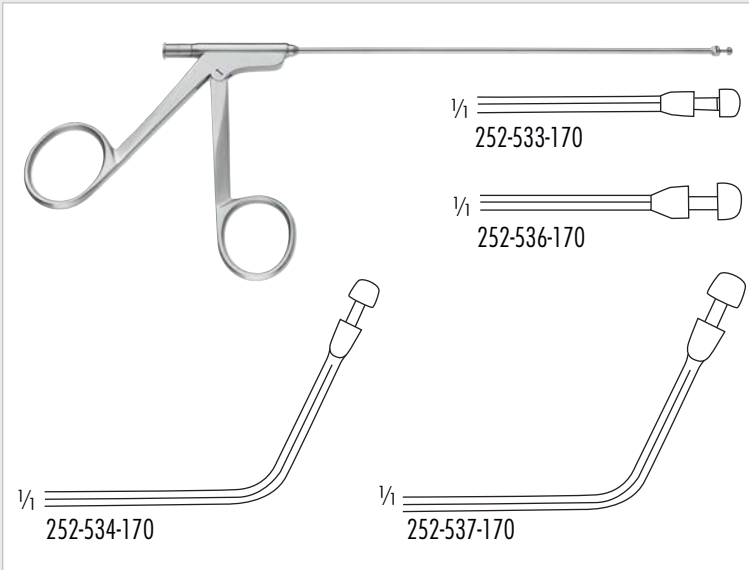
Optical Biopsy and Grasping forceps, for 2.7 mm optics, 5 1/2 inch



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 ¼ 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 ¼ 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 ¼ inch

252-536-235 3.5mm Ø
252-536-245 4.5mm Ø

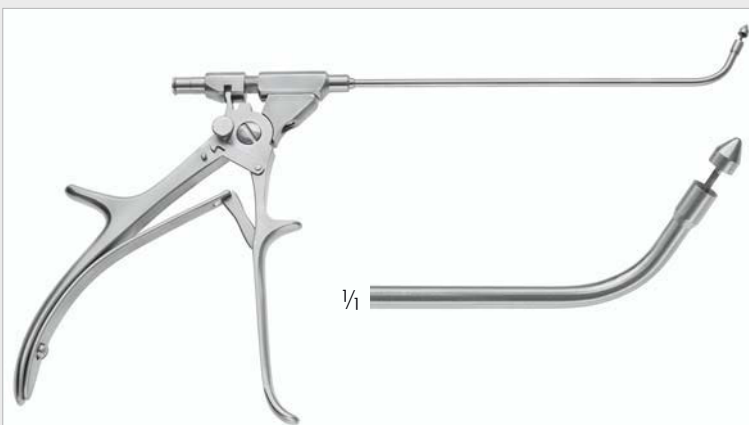
RZ

Circular Stanze, 120° schräger Schnitt, Arbeitslänge: 160 mm
Circular Punch, 120° oblique bite, working length: 6 ¼ inch

252-536-435 3.5mm Ø
252-536-445 4.5mm Ø

RZ

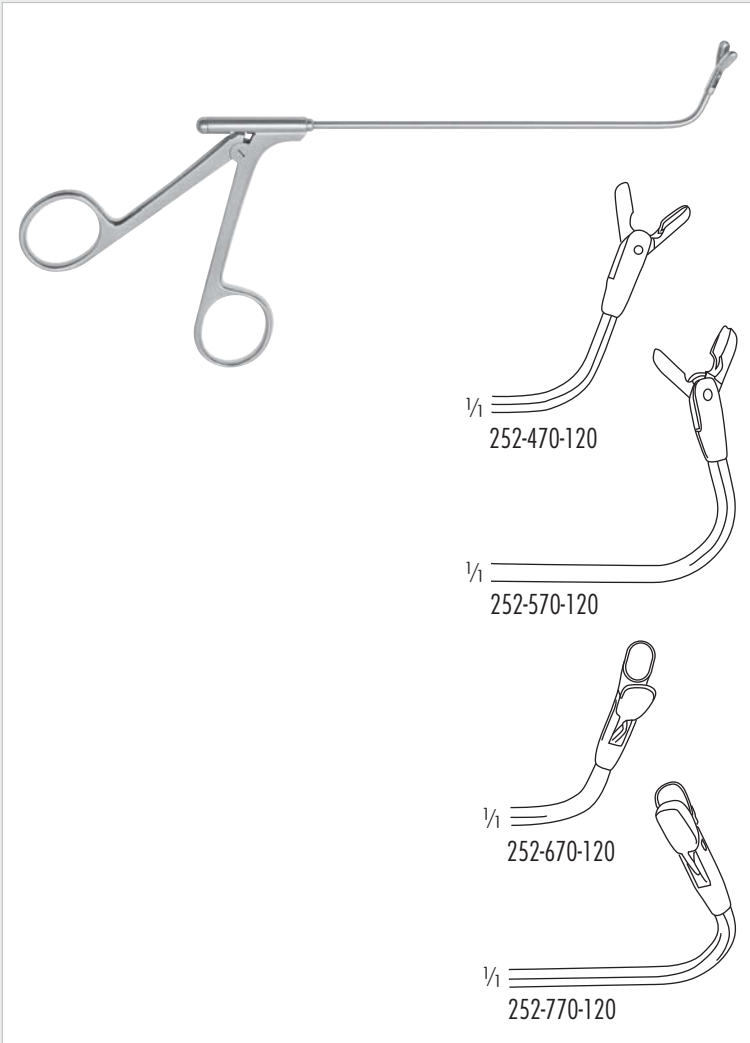
Circular Stanze, eiförmige Maulspitze,
60° schräger Schnitt, Arbeitslänge: 160 mm
Circular Punch, egg-shaped tip, 60° oblique bite,
working length: 6 ¼ inch



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

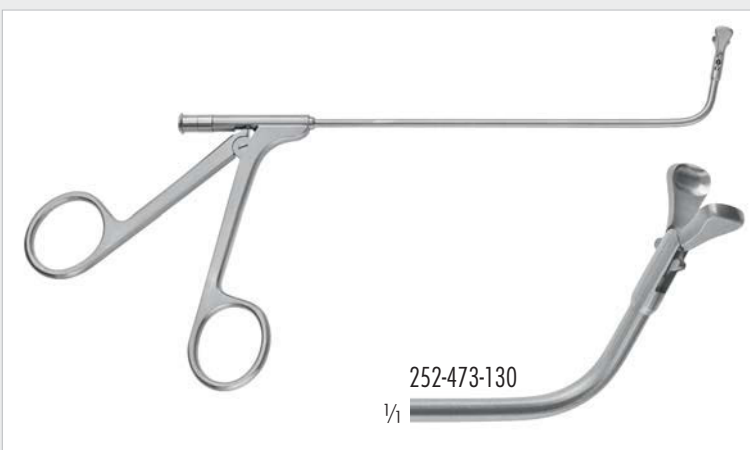
RZ-GIRAFFE

Doppellöffelzange, vertikal öffnend, Löffel Ø 4 mm, 120 mm
 Biopsy forceps, vertical action, Ø 4 mm, 4 ¾ inch

252-670-120 70° aufgebogen
 252-770-120 110° rückwärts gebogen

RZ-GIRAFFE

Doppellöffelzange, horizontal öffnend, Löffel Ø 4 mm, 120 mm
 Biopsy forceps, horizontal action, Ø 4 mm, 4 ¾ inch

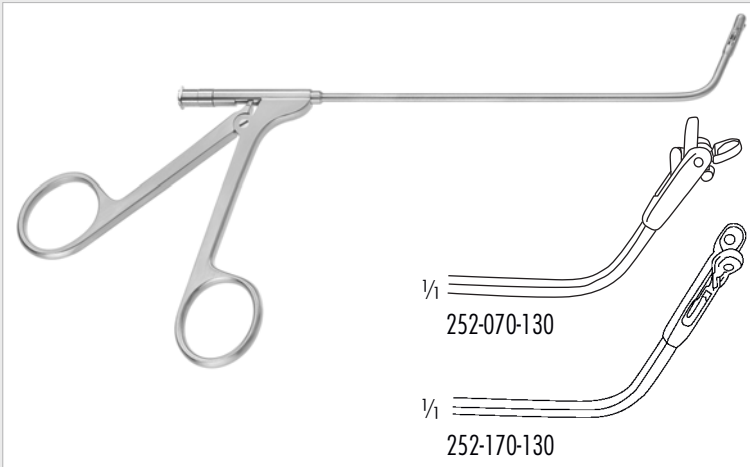


252-473-130 horizontal öffnend/horizontal opening

252-472-130 vertikal öffnend/vertical opening

Doppellöffelzange mit birnenförmigem Maulteil,
 80° aufgebogen, Arbeitslänge: 130 mm

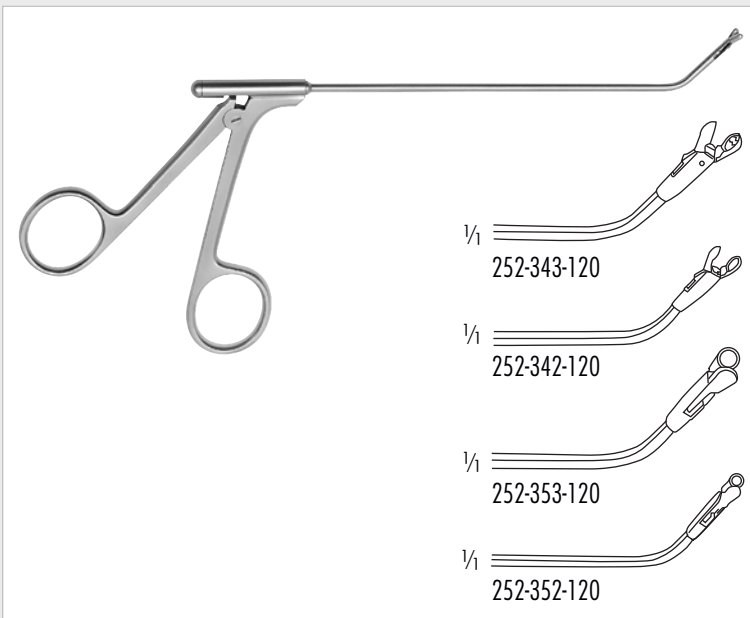
Double action Biopsy Forceps, pear shaped jaws,
 80° angled up, working length: 5 1/8 inch



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

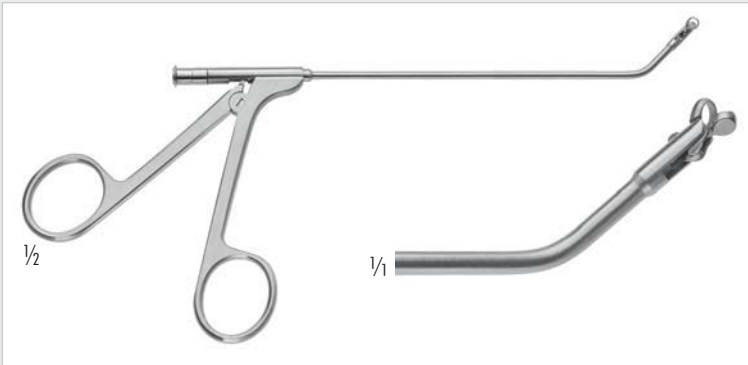
Doppellöffelzange, 130 mm
 Giraffe forceps, 5 1/8 inch



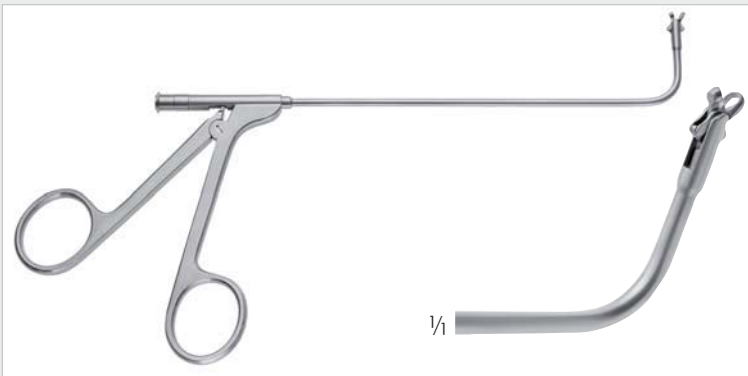
252-362-120 horizontal öffnend, 2x4 mm
 horizontal action, 2x4 mm
 252-372-120 vertikal öffnend, 2x4 mm
 vertical action, 2x4 mm

KUHN-BOLGER

Doppellöffelzange, 90° aufgebogen, 130 mm
 Giraffe forceps, 90° angled up, 5 1/8 inch



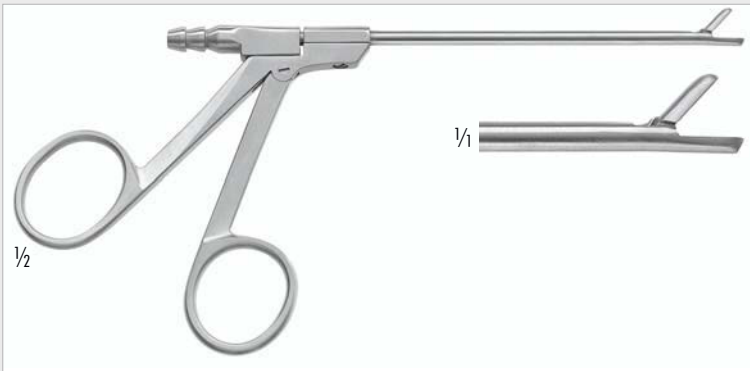
252-606-345 45° aufgebogen/45° upwards curved
 252-606-390 90° aufgebogen/90° upwards curved
 Sinuskopie Stanze, durchschneidend, 3mm runder Schnitt,
 horizontal öffnend, Arbeitslänge: 130 mm
 Sinuscopy Punch, through cutting, 3 mm round bite,
 horizontal opening, working length: 5 1/8 inch



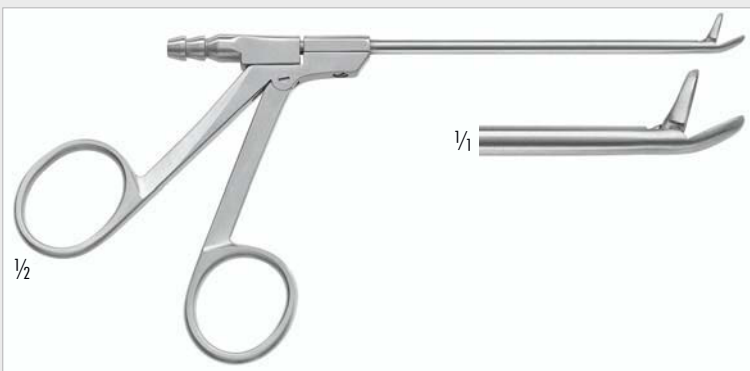
252-605-090 Vertikal öffnend/vertical opening
 252-606-090 Horizontal öffnend/horizontal opening
 Sinuskopie Stanze, durchschneidend, 2 mm runder Schnitt,
 90° aufgebogen, Arbeitslänge: 130 mm
 Sinuscopy Punch, through cutting, 2 mm round bite,
 90° upwards curved, working length: 5 1/8 inch



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



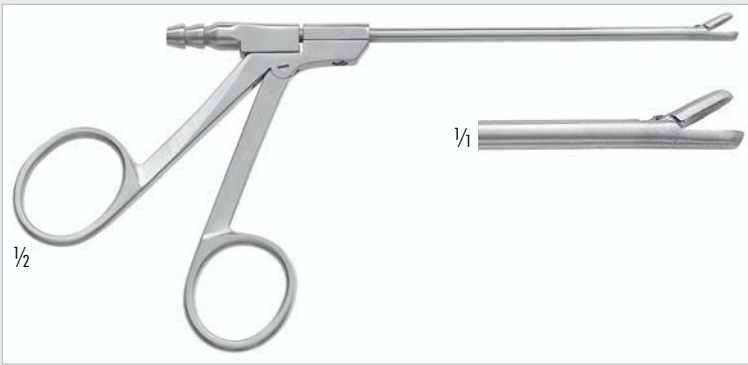
252-121-100 Größe 1/Size 1, 2.5mm
 252-122-100 Größe 2/Size 2, 3.5mm
 252-123-100 Größe 3/Size 3, 4.0mm
BLAKESLEY
 Saugstanze, 45° aufgebogen, 100 mm Arbeitslänge, Ø 4mm
 Suction Punch, 45° upcurved, 4 inch working length, Ø 4mm



252-502-100
 Biopsie Zange mit Absaugung, 2mm breit, durchschneidend,
 Arbeitslänge: 100mm
 Biopsy Forceps with suction, 2mm wide, thru-cutting,
 working length: 4 mm



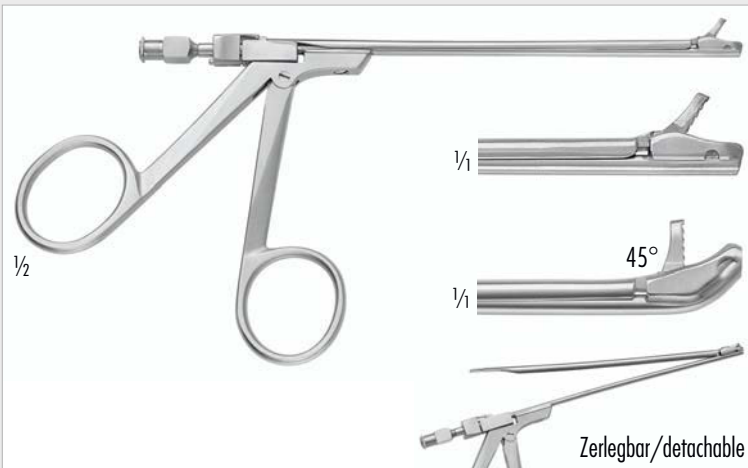
252-502-145
 Biopsie Zange mit Absaugung, 2mm breit, durchschneidend,
 45° aufwärts gebogen, Arbeitslänge: 100mm
 Biopsy Forceps with suction, 2mm wide, through-cutting,
 45° upcurved, working length: 4 inch



- 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

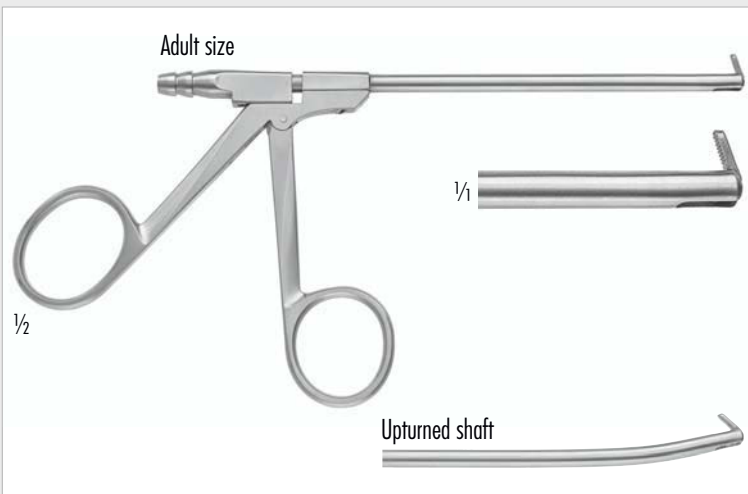
Saugstanze für Biopsie und Greifen, Ø 4mm,
Arbeitslänge: 100 mm
Suction Punch for biopsy and grasping, Ø 4mm,
working length: 4 inch



- 252-504-100 gerade/straight
- 252-505-100 45° aufgebogen/45° upcurved

BLAKESLEY

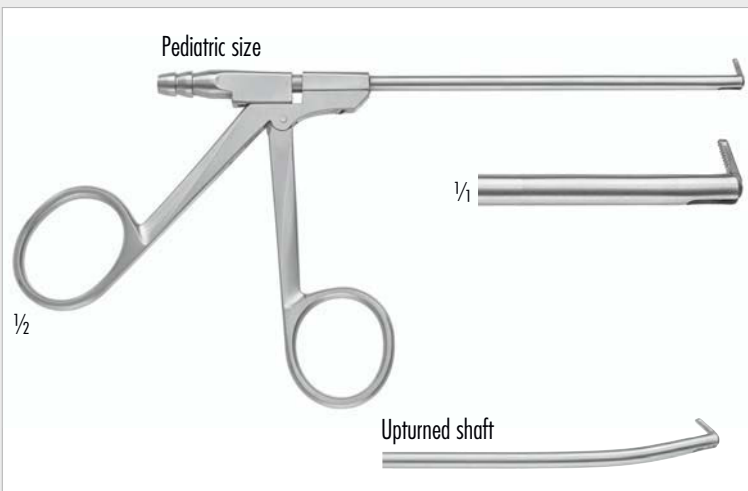
Biopsie Zange mit frontaler Absaugung, 2,5mm breit,
durchschneidend, zerlegbar, Arbeitslänge: 100 mm
Biopsy Forceps with frontal suction channel, 2.5mm wide,
through-cutting, detachable, working length: 4 inch



- 252-015-500 Aufwärts/upside
- 252-015-510 Links/left
- 252-015-520 Rechts/right
- 252-015-600 Aufgewinkelter Schaft, aufwärts
Upturned shaft, upside

OSTROM

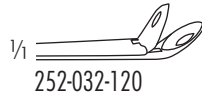
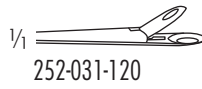
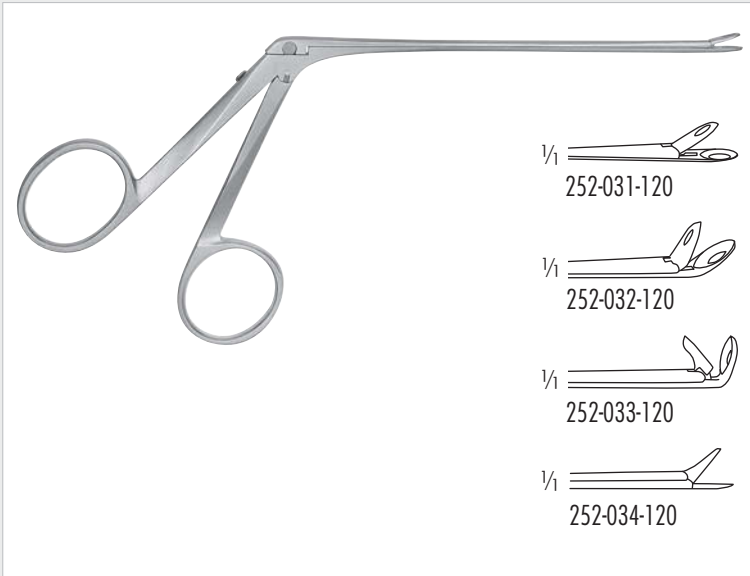
Saugstanze, gerade, Ø 4mm, rückwärts schneidend, 2,5mm Schnitt,
Arbeitslänge: 100 mm
Suction Punch, straight, backward cutting, Ø 4mm, 2.5mm bite,
working length: 4 inch



- 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

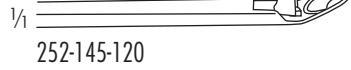
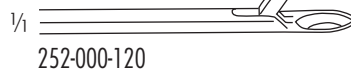
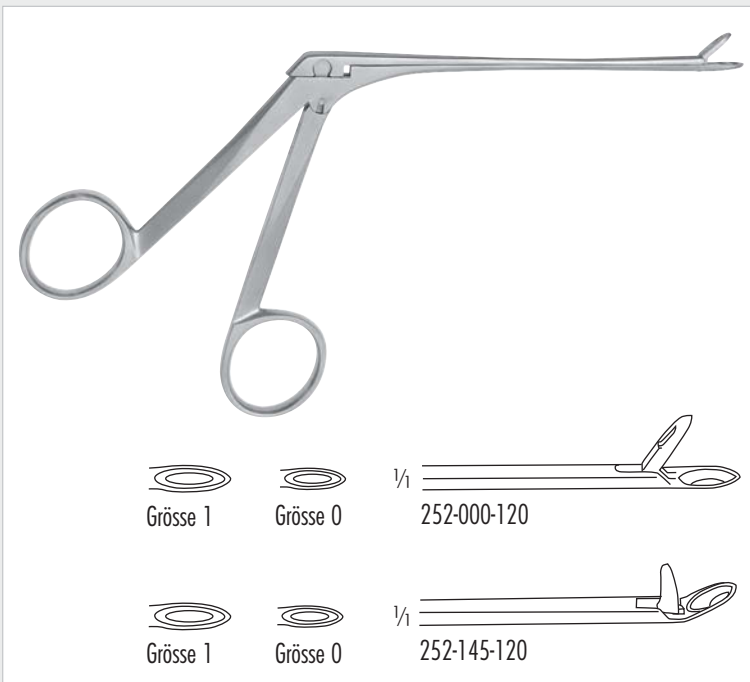
STRUEMPEL

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



300-001-142

RZ Mobile LED Kaltlichtquelle, 5W, 56000Lux, 5800°K
inkl. Ladestation, rostfreier Stahl

RZ mobile LED Cold light source, 5W, 56000Lux, 5800°K
incl. charging unit, stainless steel



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

300-001-143 110-230V

RZ Mobile Ladestation für Kaltlichtgriff, LED Beleuchtung
RZ Mobile charging station for cold-light handle, LED illumination

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)

System

- Image resolution:
Full HD 1920 x 1080
- TV resolution: > 1000 lines
- Sensivity: < 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)

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)

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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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



250-018-050
 Zoom parfocal
 Stays in focus while adjusting
 zoom magnification
 f=18-50 mm, c-mount, soakable
 Full HD



250-015-036
 Zoom-TV-Adapter
 f=15 - 36mm
 c-mount, soakable
 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

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

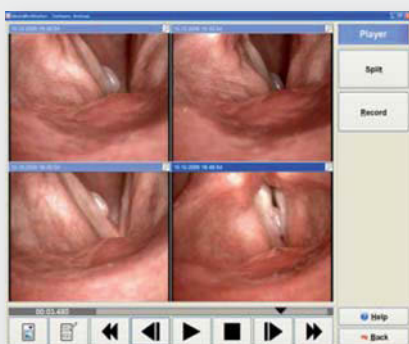
one point data storage and simultaneously video recordings

Integrated license module

after a demo period of 30 days the software needs to be activated via an activation key

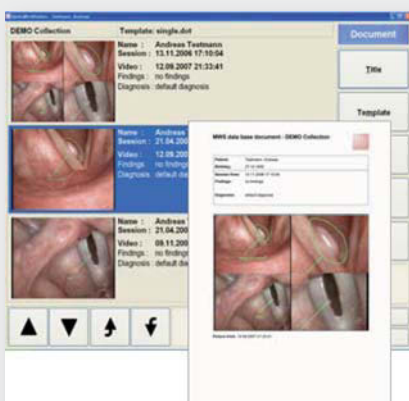
300-001-190 Software, full Version

300-001-192 Software, without recording possibilities



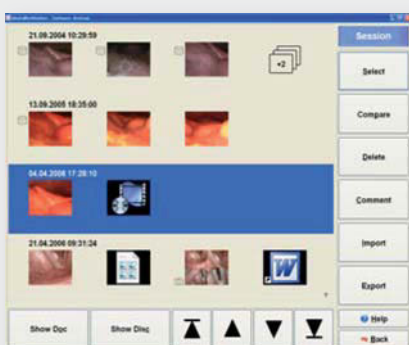
Diagnostics & Results

- 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

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

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 |

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.

Delivery contains:

- Main Unit • BNC cable • Mains cable
- User manual



Automatic light control



Controlable daylight quality

| | |
|-----------------------------|----------------------------|
| 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 |
| Light guide connection | RZ/Storz adapter |
| System | Power supply: 100/240 VAC, 50-60 Hz Fuses: 2 Fine fuses, 5x20mm, delay 6,3 AT (I=1500A) Power consumption: 100W |

| | |
|-----------------|--|
| Video In (opt.) | 1x Video, 1x S-Video (Y/C) (automatic Version only) |
| Standard | Protection class: I Application part: Type BF IEC 601-1, EN 60601-1; classification acc. 93/42/EEC: I |
| Dimensions | 380 x 120 x 360 mm (WxHxD); 11 kg |



| | | |
|---|--|--|
| 300-001-308 LUMEN X7 | 300-001-305 LUMEN X5 | 300-001-200 LUMEN X2 |
| 2 turret adapters (revolvable) • RZ, Storz • Wolf • Olympus • ACMI | 1 turret adapter (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 – | 180 Watt Xenon arc lamp – |
| Power Consumption: 370 Watt | Power Consumption: 370 Watt | Power Consumption: 250 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:

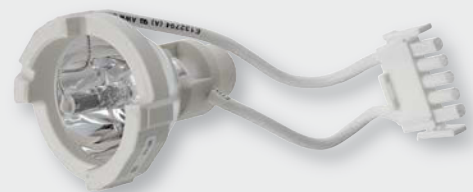
- Light Source
- BNC Cable
- Mains Cable
- User Manual



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

Xenon⁵⁴



X1

Xenon⁵⁴

| | |
|-----------------------------|-----------------------------|
| 300-001-300 LUMEN X3 | 300-001-180 LUMEN X1 |
| 300 Watt Xenon arc lamp | 180 Watt Xenon arc lamp |
| Power Consumption: 370 Watt | Power Consumption: 250 Watt |

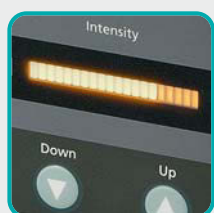
Pure daylight quality together with low noise and heat conduction - this Xenon Light Sources offers all functions needed to illuminate the field of view. The lamp can be replaced simply.

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 | |

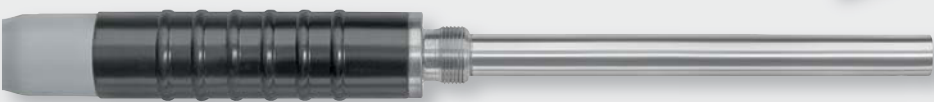
| | |
|-------------------------|----------------------------|
| Application part | Type BF |
| Classification | IEC 601-1, EN 60601-1 |
| CE marking according to | MDD 93/42/EWG |
| Dimensions | 380 x 120 x 360 mm (WxHxD) |
| Weight | approx. 11kg |

High Temperature XENON Light Cables

The advanced High Temperature Xenon Light cables feature a built-in glass rod on the light source side to protect the fibers from melting when the cables are used with high-power Xenon light sources.

All 3.5mm and 4.8mm light cables feature a robust silicone hose to protect the light cables against damages like cuts or crushes.

A bending protection on the connectors is a basic feature of every RZ High Temperature Xenon Light cable.



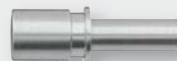
Adaptor pieces for fibre light guide to use with light source

XENON light guide, without adaptor pieces

- 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



3.5 mm and 4.8 mm fiber optic



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



250-051-000 Stryker



250-052-000 Heine



250-042-000 RZ/Storz/Olympus



250-040-000 Wolf



250-041-000 ACMI/British Standard



250-059-000 Pentax

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 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 rooms. 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 | α-Si Active Matrix TFT | α-Si Active Matrix TFT | α-Si Active Matrix TFT LED | Medical OLED |

PRACTICAL, HANDY, VERSATILE

The visualization system is a combined light source-camera display unit. This consists of a color video camera with remote camera head, a remote LED light source, integrated LCD and USB memory unit. The visualization system is intended specifically for use in medical endoscopy and diagnostics.



Bright LED light source with 20.000h life time, no external light source is needed



Also available: Built-In-Keyboard-Version (300-001-455)



(TV adaptor optional)

300-001-450
ENT Combi Unit consisting of:
10.4" Display, Camera head, light source
with 20.000h life time, incl. USB Unit

Optional Accessories: TV-Adaptor (1 pc)
Fuses (10 pc)

Compatible Rino-Pharyngoscopes

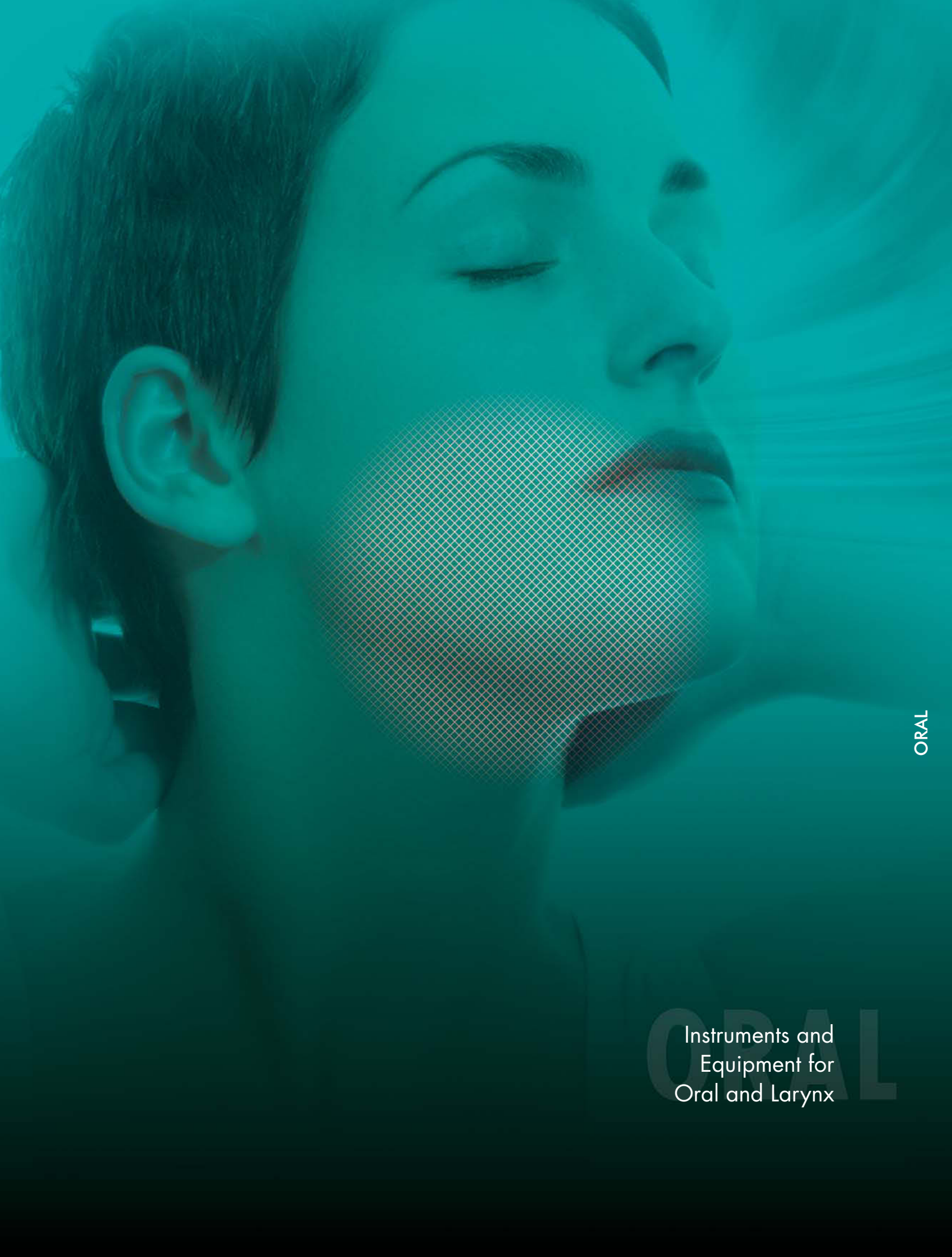


| 100-500-310
(for diagnostic purposes)
Rhino-Pharyngoscope 8000 Pixels
30.0cm, 3.2 mm Diameter
minimal bending radius 30 mm
Accessories (included):
• Leakage tester
• Connection tube for leakage tester
• Manual



| 100-500-385
(for diagnostic purposes and
small procedures)
Rhino-Pharyngoscope with working channel 1,4mm
outer diameter 4mm, working length 320 mm
angulation up/down 130°, field of view 80°,
depth of focus 1-50mm, complete set
including:
• ETO-sealing cap
• Leakage tester,
• Adaptor storz/olympus
• Adaptor wolf
• Biopsy-forceps 1,0mm x 800mm
• Cap for working channel
• Cleaning brush 1,5mm x1100mm

| 100-500-380
(for diagnostic purposes)
Rhino-Pharyngoscope 12.000 Pixels
30.0 cm, outer sheath: 3.8 mm Diameter
minimal bending radius 30 mm
Accessories (included):
• Leakage tester
• Connection tube for leakage tester
• Manual



ORAL

ORAL
Instruments and
Equipment for
Oral and Larynx



430-361-190
BUCHWALD
 Zungenspatel, 180 mm
 Tongue depressor, 7 inch

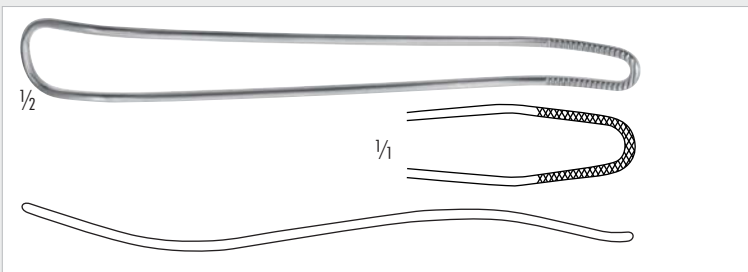


430-362-170
MAYO
 Zungenspatel, 170 mm
 Tongue depressor, 6 2/3 inch

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



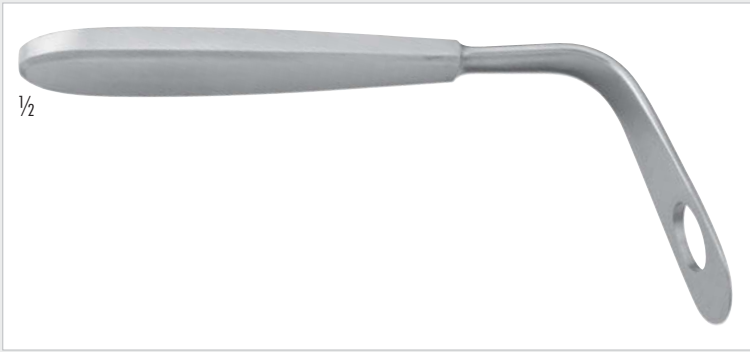
430-396-165
FRENZEL
 Zungenspatel, 165 mm
 Tongue depressor, 6 1/2 inch



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



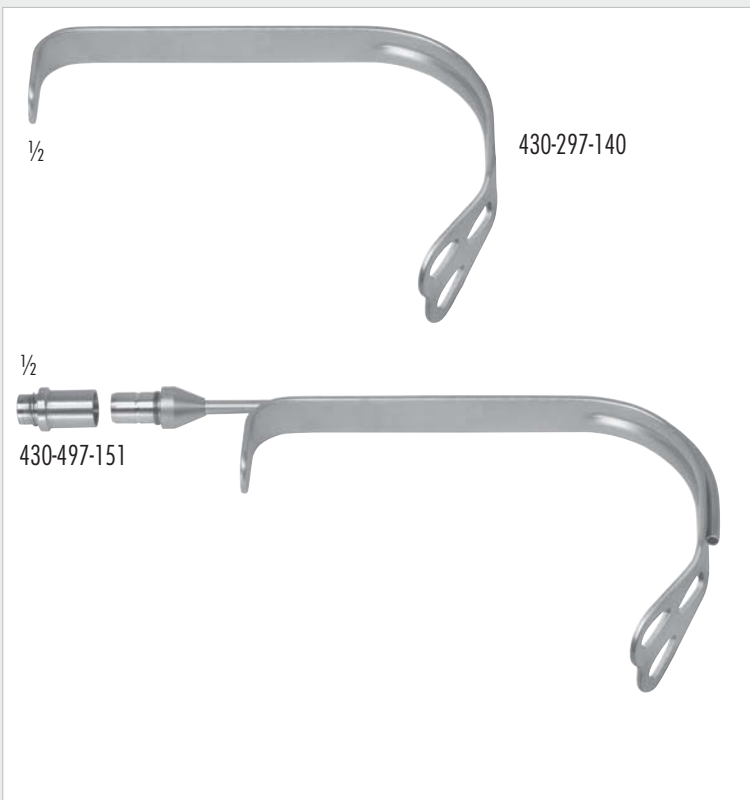
430-298-100
BOSWORTH
Zungendrucker, 145 mm
Tongue depressor, 5 1/2 inch



430-349-145
TOBOLD
Zungendrucker, 145 mm
Tongue depressor, 5 1/2 inch



430-271-150
HARTMANN
Zungenspatel mit Gittergriff, 150 mm
Tongue depressor with fenestrated handle, 6 inch

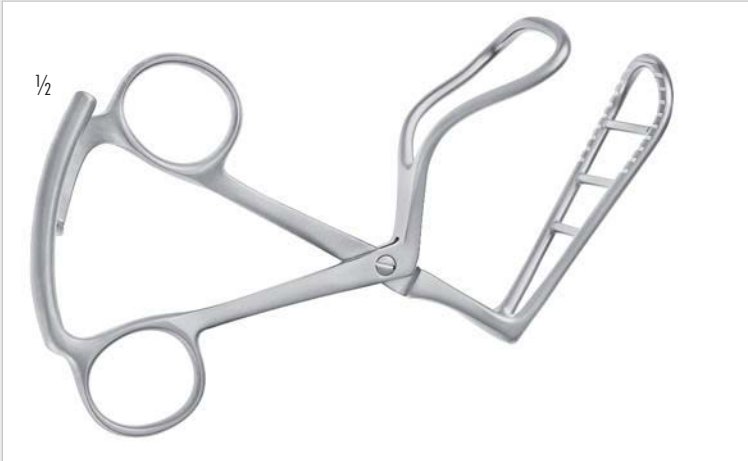


430-297-140 30 mm breites Blatt/30 mm wide blade
430-297-150 36 mm breites Blatt/36 mm wide blade

WIEDER
Zungenspatel, gefensterter 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



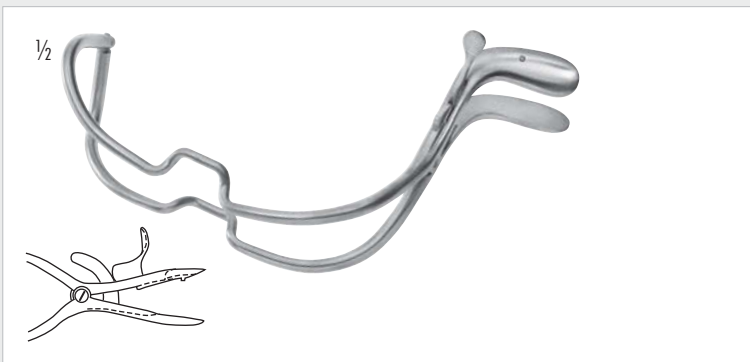
430-145-145
FERGUSON-ACKLAND
 Mundsperrer, 145 mm
 Mouth gags, 5 3/4 inch



430-142-120
DENHARDT
 Mundsperrer, mit Einsätzen aus Silikon, auswechselbar, 120 mm
 Mouth gags, with silicone inserts, interchangeable, 4 3/4 inch



430-144-160 160 mm/6 1/4 inch
 430-144-190 190 mm/7 1/4 inch
ROSER-KOENIG
 Mundsperrer
 Mouth gags



430-250-090 90 mm , 3 1/2 inch
 430-250-110 110 mm , 4 1/2 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

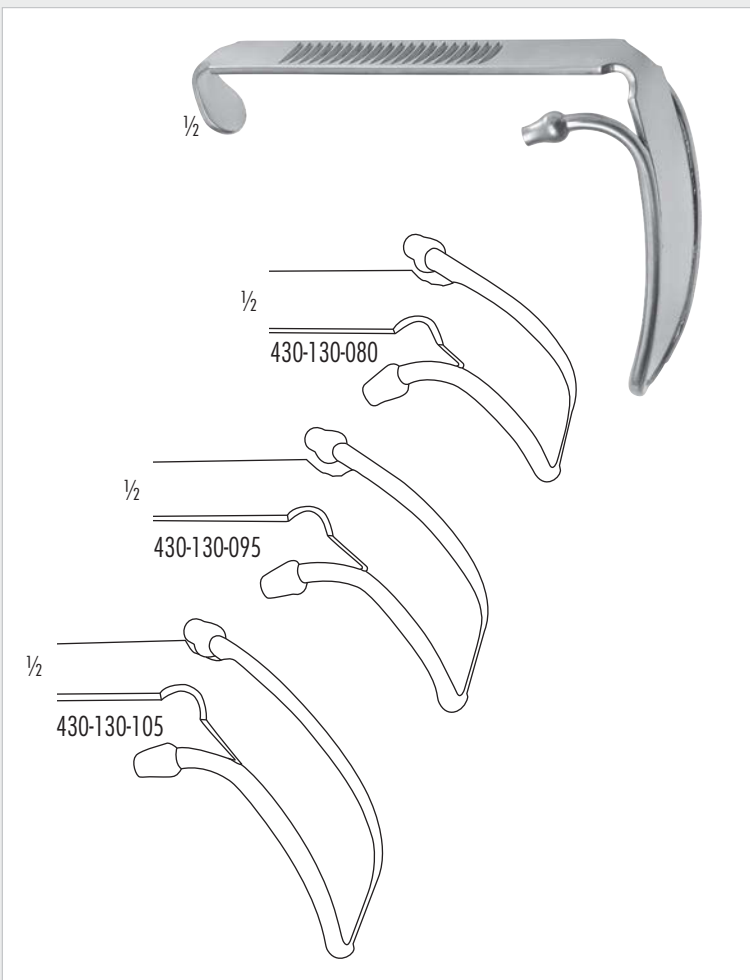
DAVIS-MEYER

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

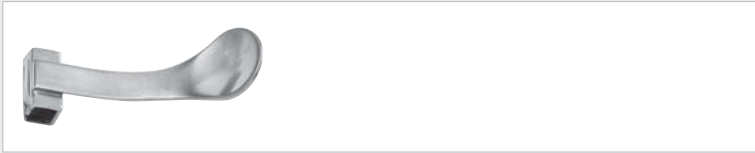
Silikoneinlagen allein
Silicone insert only



- 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

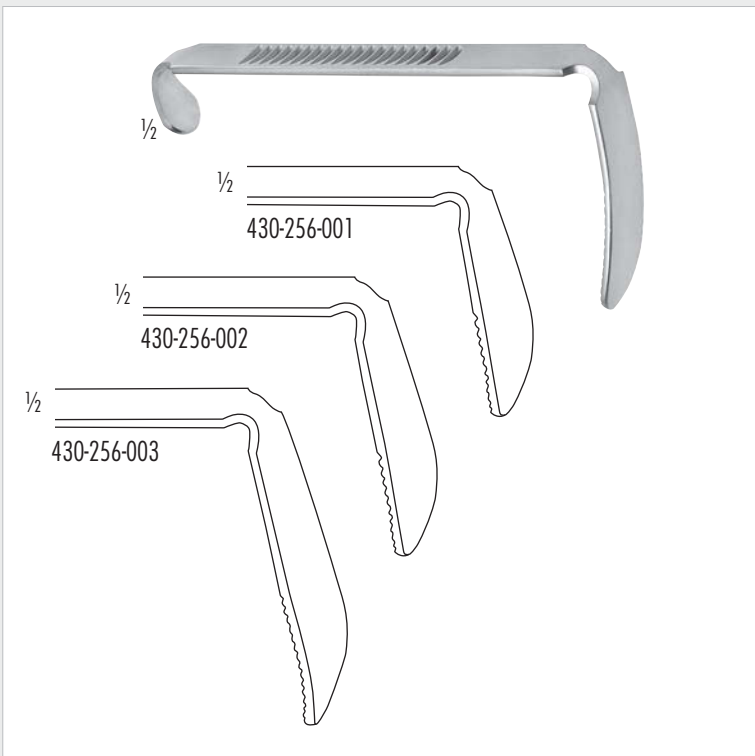
Gaumenplatte zu Bügel 430-130-500, für zahnlose Patienten
Palate blade to be used with 430-130-500, for toothless patients



430-256-010

MC IVOR

Mundsperrer Bügel, allein
Mouth gags frame, only



430-256-001

23 x 55 mm

430-256-002

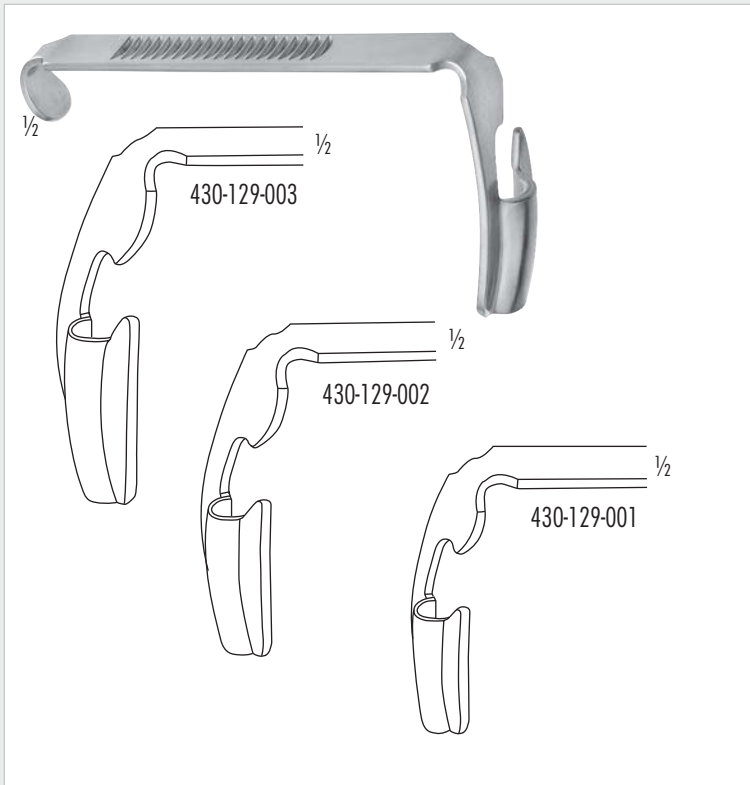
25 x 62 mm

430-256-003

26 x 75 mm

MC IVOR

Zungenspatel, allein
Tongue blade, only

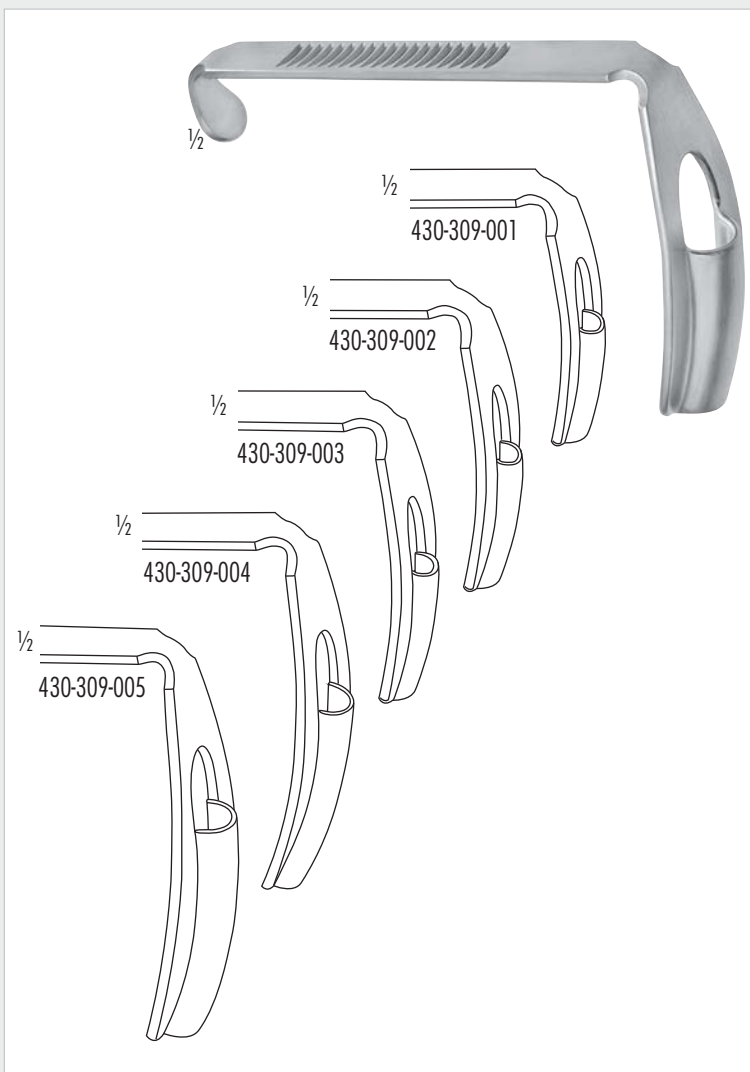


- 430-129-001 28 x 65 mm
- 430-129-002 32 x 75 mm
- 430-129-003 37 x 80 mm

RZ

Zungenspatel, allein, mit Mittelrinne für Intubationstubus und seitlichem Einschnitt

Tongue blade only, with groove for endotracheal tube and lateral slot

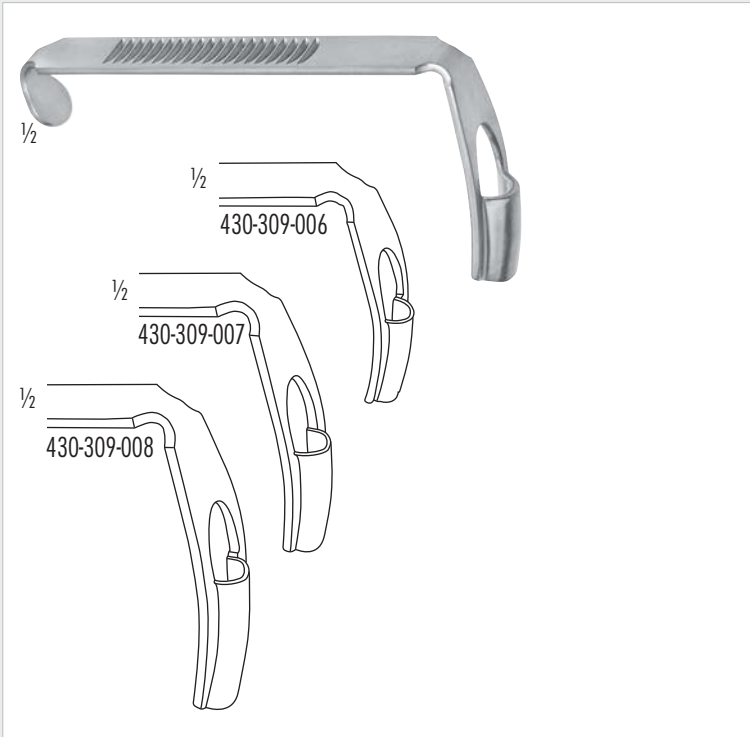


- 430-309-001 28 x 65 mm
- 430-309-002 32 x 75 mm
- 430-309-003 37 x 80 mm
- 430-309-004 41 x 94 mm
- 430-309-005 46 x 103 mm

RUSSEL-DAVIS

Zungenspatel, mit Mittelrinne für Intubationstubus

Tongue blade, with groove for the endotracheal tube

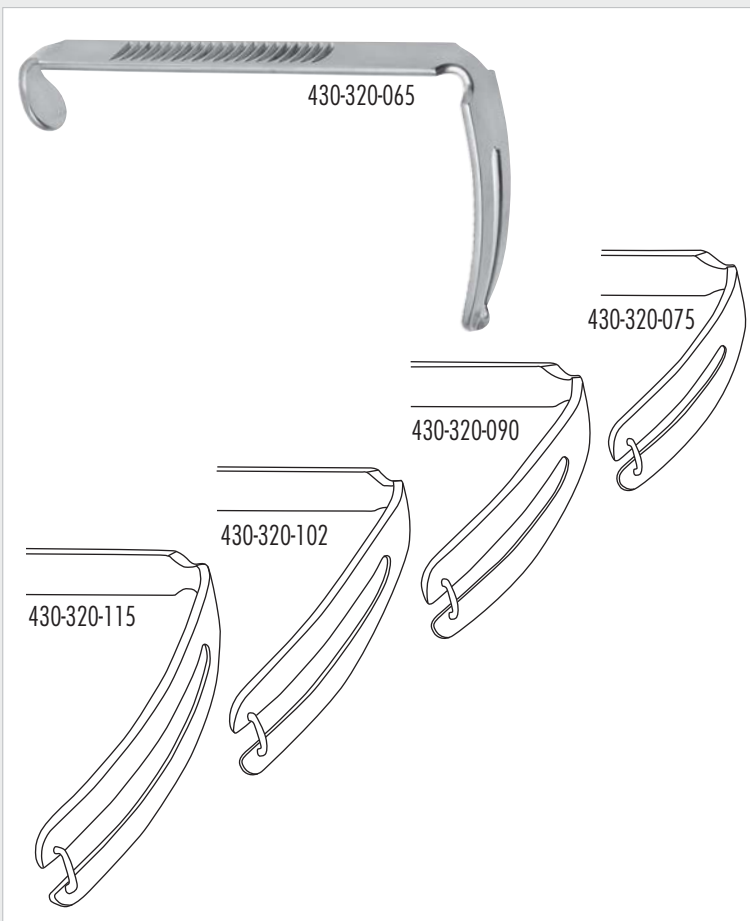


- 430-309-006 18 x 57 mm
- 430-309-007 22 x 67 mm
- 430-309-008 25 x 75 mm

RUSSEL-DAVIS

Zungenspatel allein, extra schmales Modell, mit Mittelrinne für Intubationstubus

Tongue blade, very narrow pattern, with groove for endotracheal tube

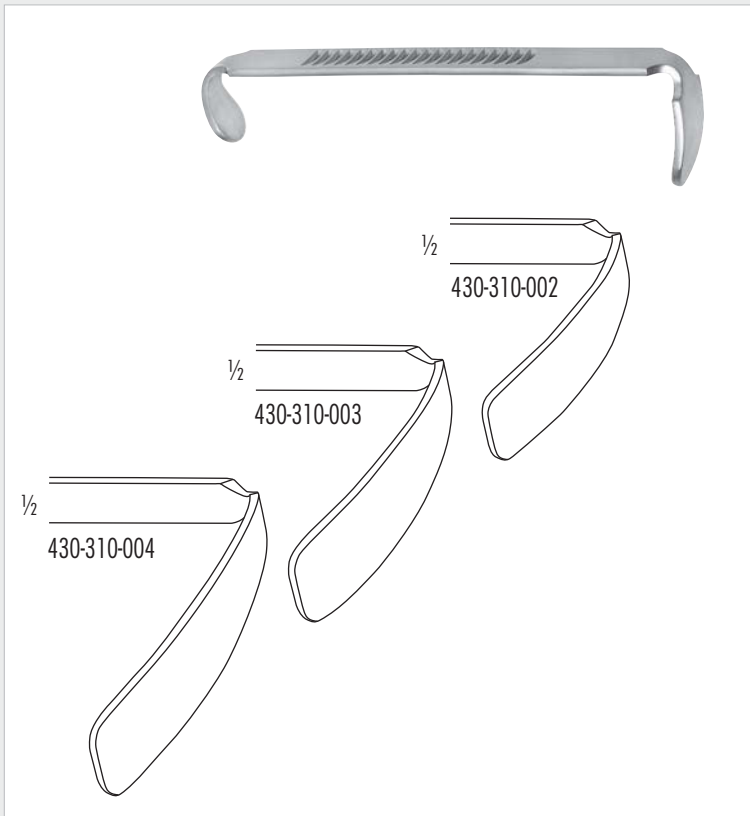


- 430-320-065 23 x 65 mm
- 430-320-075 24 x 80 mm
- 430-320-090 25 x 93 mm
- 430-320-102 26 x 108 mm
- 430-320-115 26 x 114 mm

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

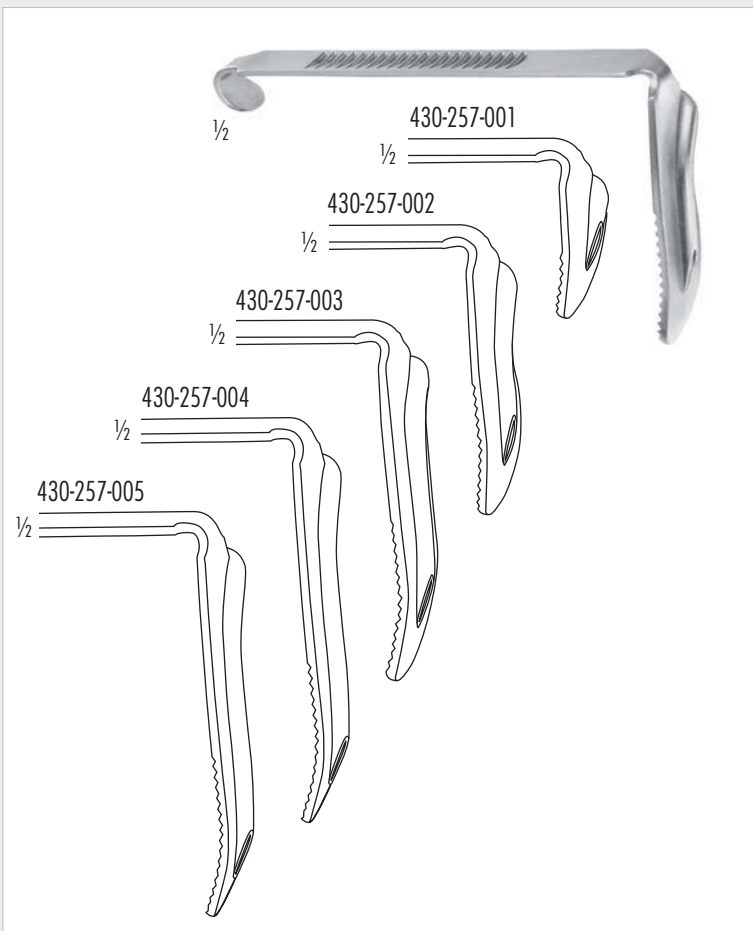
Zungenspatel, alleine
Tongue blade, only



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



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

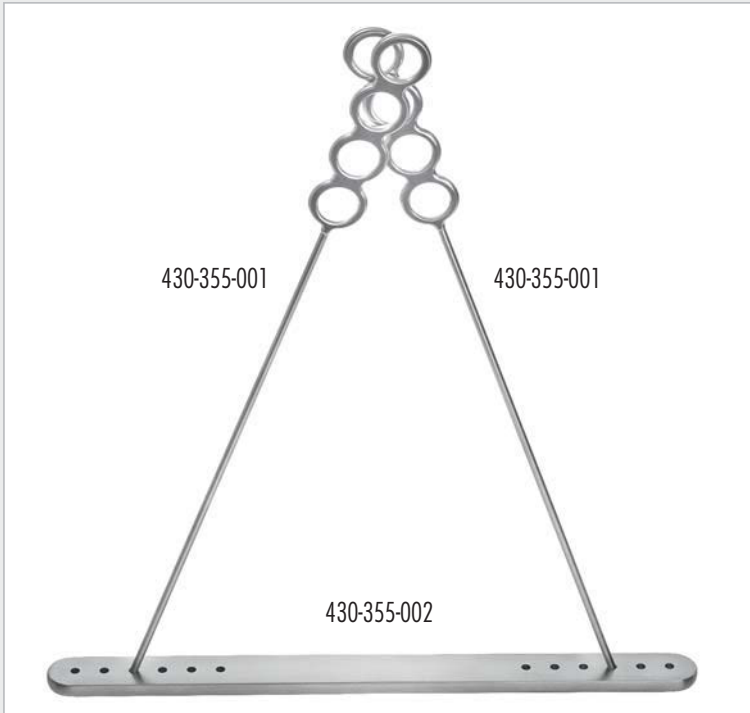
430-010-003 27 x 72 mm

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

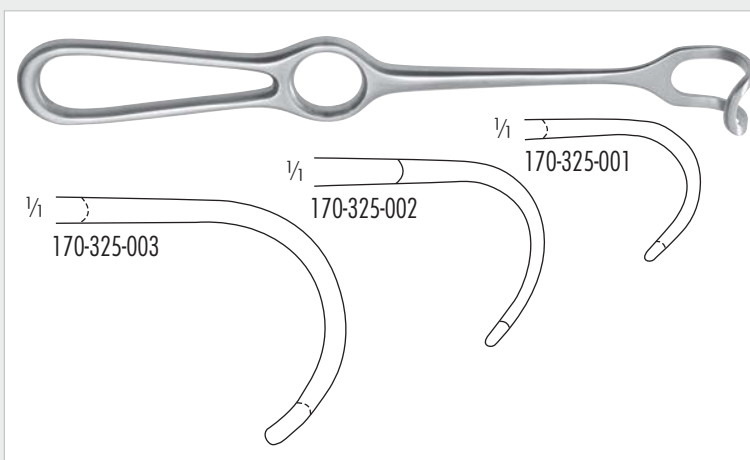


430-320-000

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

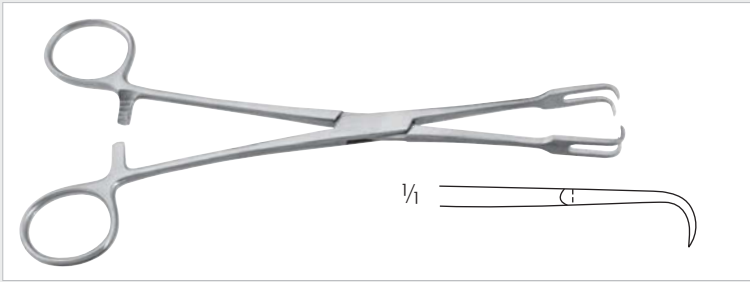


440-225-222

GREENE

Thyroid Retraktor, 17x25 mm, gefenstert, 220mm

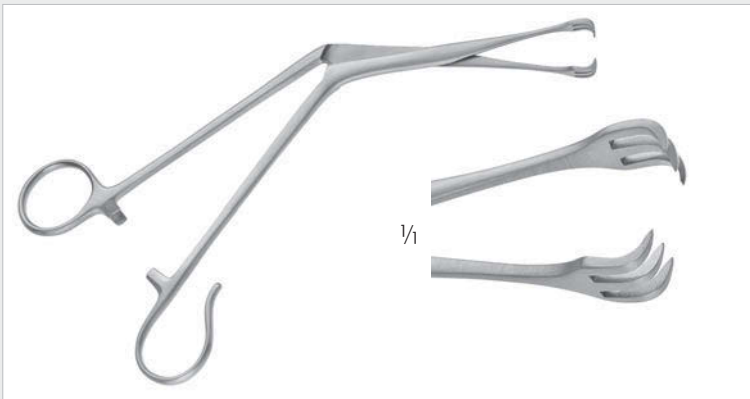
Thyroid retractor, 17x25 mm, fenestrated, 8 3/4 inch



140-602-200

MUSEUX

Tonsillenenfaßzange, 2x2 Zähne, 200 mm
Tonsil holding forceps, 2x2 teeth, 8 inch



430-631-002

TIVNEN-TYDING

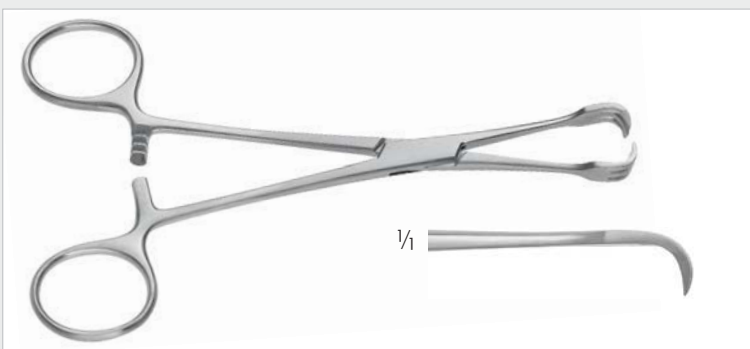
Tonsillenenfaßzange, 3x3 Zähne, 1 offener Ring, 210 mm
Tonsil seizing forceps, 3x3 teeth, 1 open ring, 8 1/4 inch



420-427-200

DENIS-BROWNE

Tonsillenklemme, 10mm, 200mm
Tonsil holding Forceps, 10mm, 8 inch



440-030-150

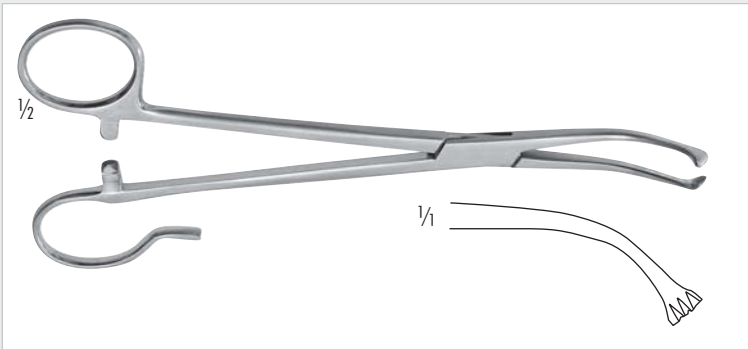
150mm, 6 inch

440-030-200

200mm, 7 3/4 inch

LAHEY

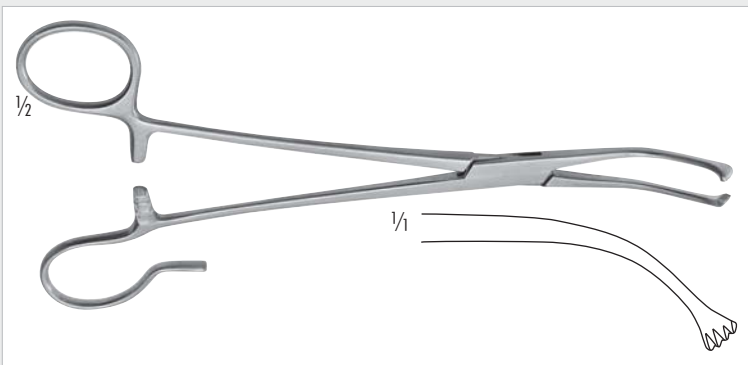
Kropffußzange
Goitre Seizing forceps



140-620-180 180 mm, 7 inch
 140-620-235 235 mm, 9 1/4 inch

WHITE

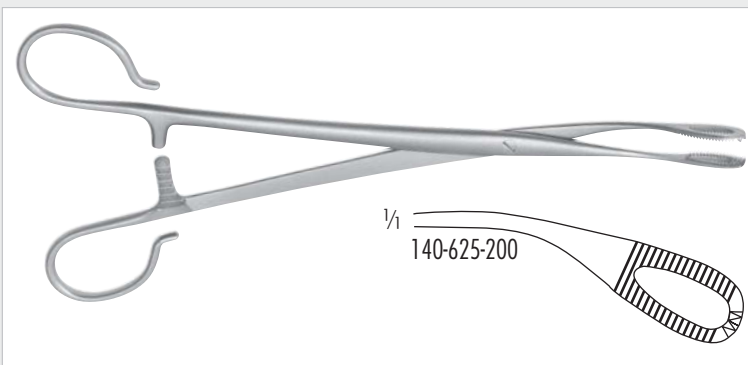
Tonsillenfaßzange, 180 mm
 Tonsil holding forceps, 7 inch



140-626-190

COLVER

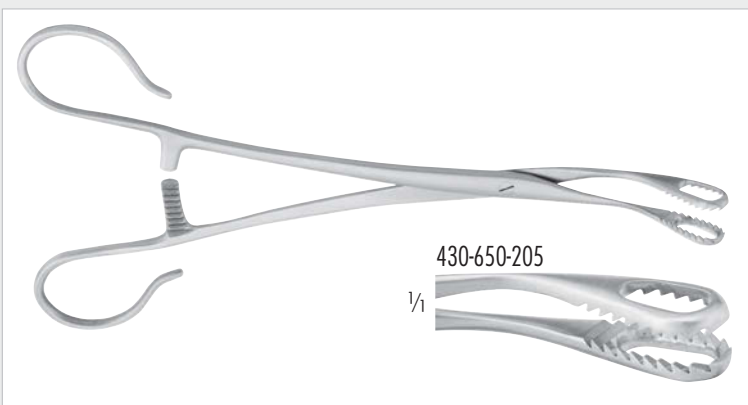
Tonsillenklemme, gebogen, 190 mm
 Tonsil seizing forceps, curved, 7 1/2 inch



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

MARSCHIK

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

Tonsil suction tube, with central boring, 10 3/4 inch



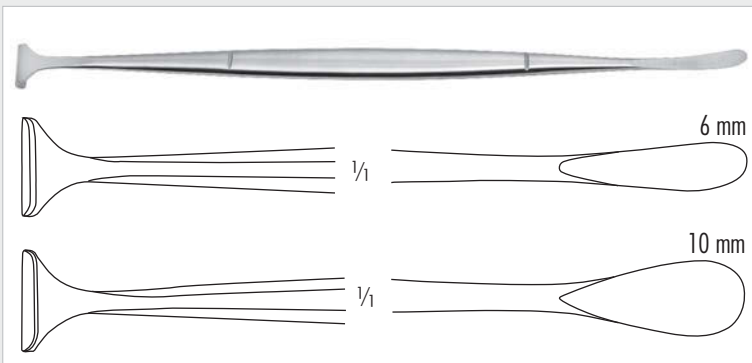
Olive
Ø 7-9 mm

430-670-235

LOPEZ-REINKE

Tonsillendissektor mit Absaugvorrichtung, 235 mm

Tonsil suction dissector, 8 1/2 inch



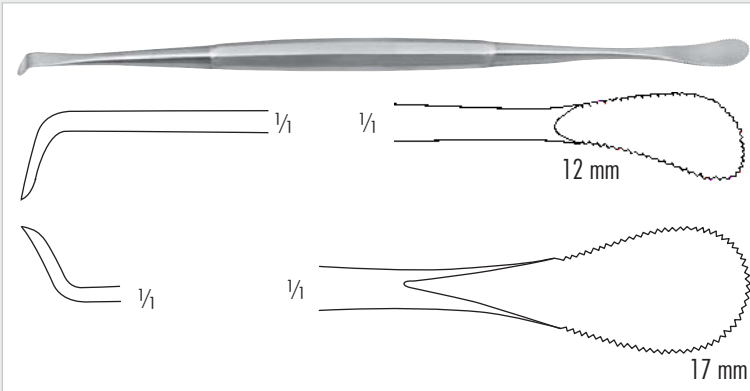
430-600-215 6 mm

430-601-220 10 mm

HURD

Tonsillendissektor und -retraktor, 215 mm

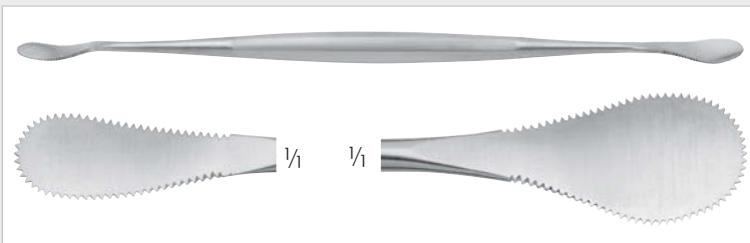
Tonsil dissector and pillar retractor, 8 1/2 inch



430-600-230 12 mm
430-601-230 17 mm

HENKE

Tonsillendissektor und -retraktor, 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 -retraktor, 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



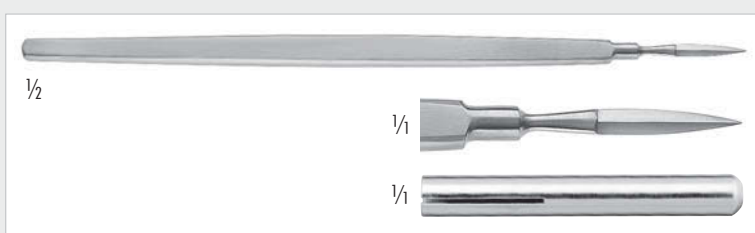
430-652-215
BRUENINGS
Tonsillennmesser, 230 mm
Tonsil knife, 9 inch



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



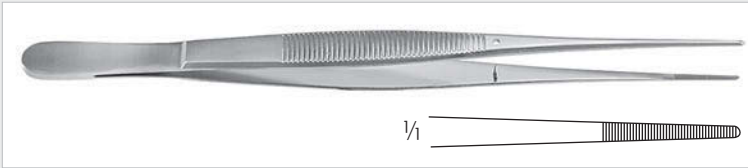
430-656-195
Tonsillennmesser, mit doppelter Schneide, mit Schutzkappe, 175 mm
Tonsil knife, double-edge cutting, with protection cup, 7 inch



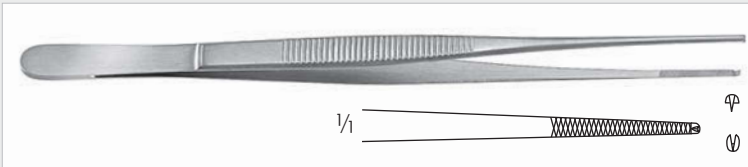
110-130-077
Skalpelli Griff, Nr. 7, 165 mm
Scalpel handle, No.7, 6 1/2 inch



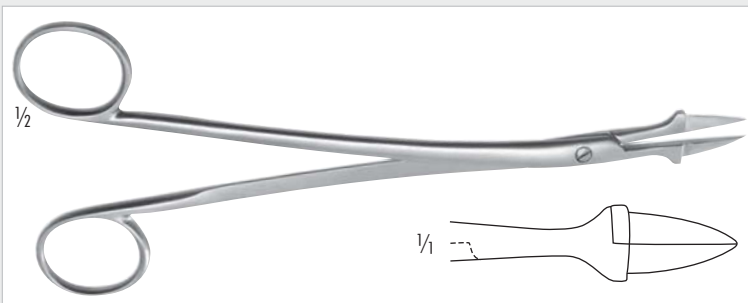
110-116-033
Skalpelli Griff, Nr. 3L, 210 mm
Scalpel handle, No. 3L, 8 1/4 inch



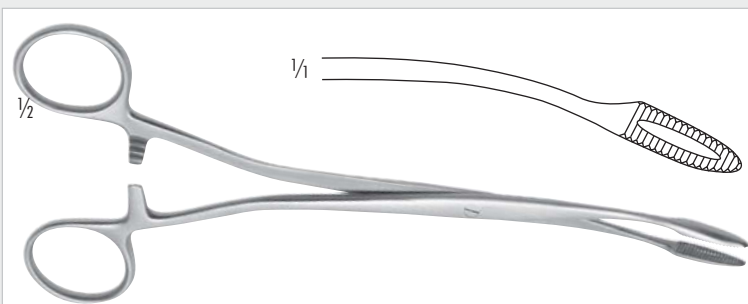
130-038-200
WAUGH
Feine anatomische Pinzette, 200 mm
Delicate dissecting forceps, 8 inch



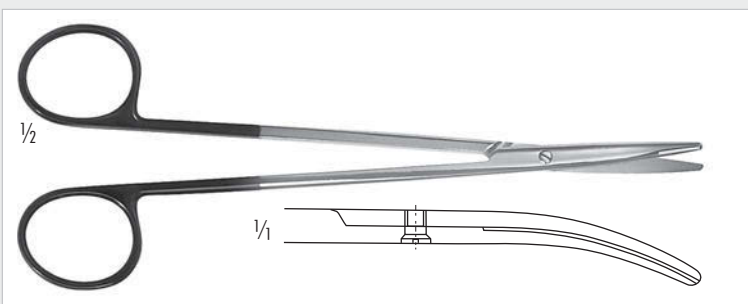
130-160-200
WAUGH
Feine chirurgische Pinzette, 1 x 2 Zähne, 200 mm
Delicate tissue forceps, 1 x 2 teeth, 8 inch



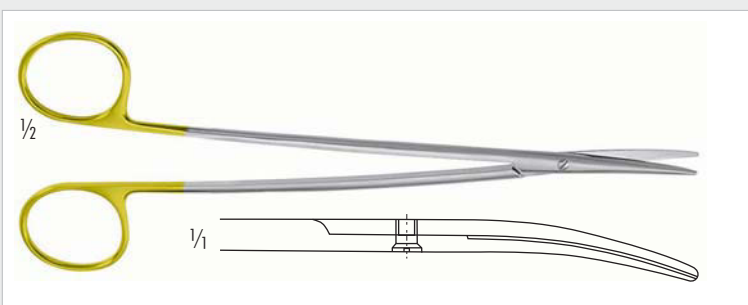
430-605-200
THILENIUS
Tonsillenabszeßzange, 190 mm
Tonsil abscess forceps, 7 1/2 inch



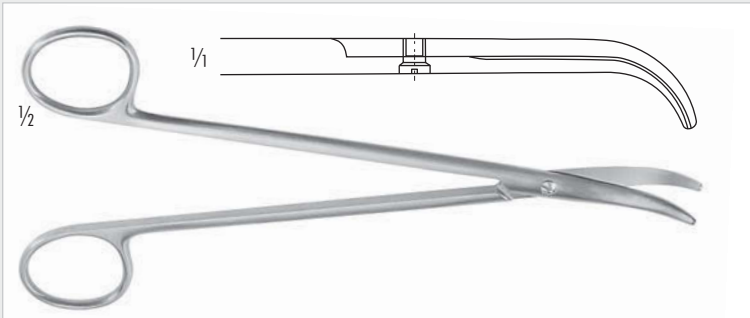
150-130-200 gerade/straight
150-131-200 gebogen/gebogen
DUPLAY
Polypenzange, 200 mm
Dressing forceps, 8 inch



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



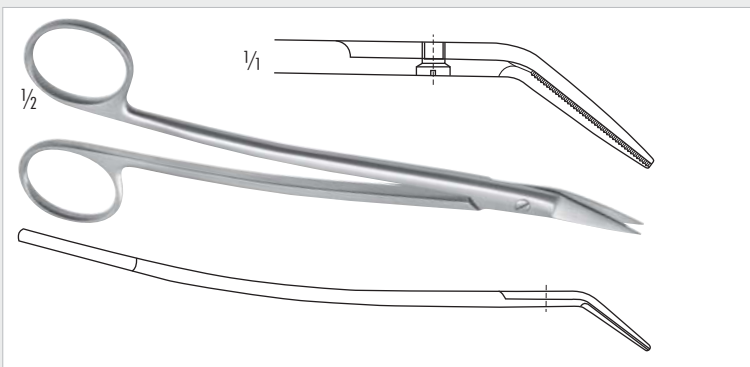
120-521-150 150 mm, 5 3/4 inch
120-521-180 180 mm, 7 inch
120-521-200 200 mm, 8 inch
METZENBAUM
TC Präparierschere, gebogen
TC Dissecting scissors, curved



120-133-190

THOREK

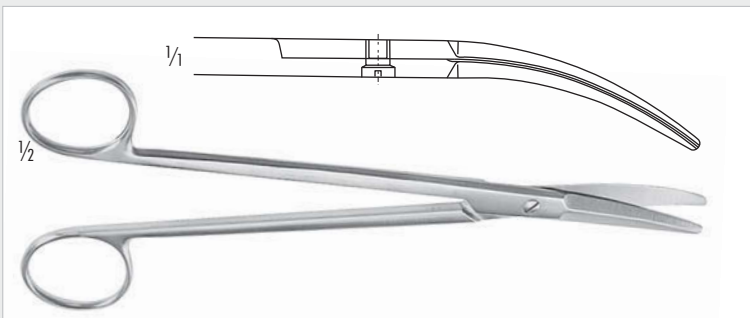
Tonsillenschere, stark gebogen, 190 mm
Tonsil scissors, strong curved, 7 1/2 inch



120-213-170

DEAN

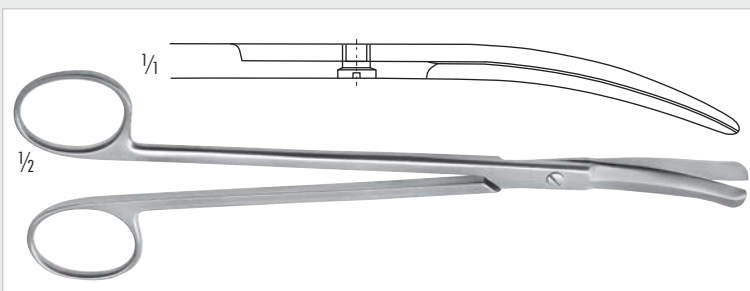
Tonsillenschere, aufgebogen, Blätter gezahnt, 170 mm
Tonsil scissors, angled upwards, serrated blades, 6 3/4 inch



120-209-180

BOETTCHER

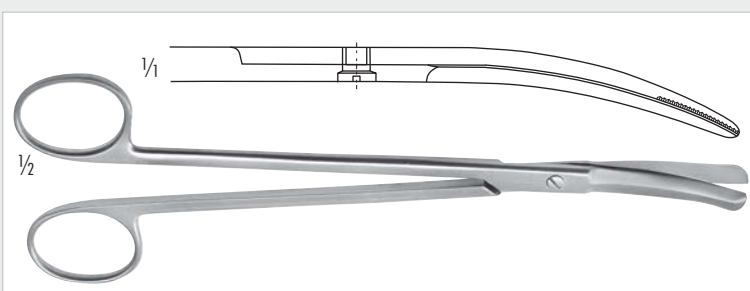
Tonsillenschere, gebogen, 180 mm
Tonsil scissors, curved, 7 inch



120-217-190

GOOD

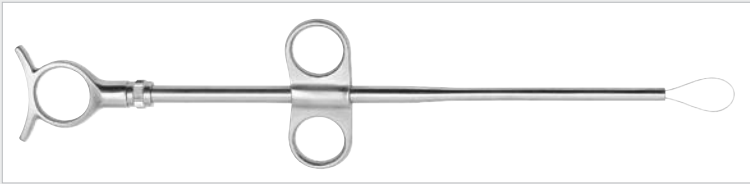
Tonsillenschere, 190 mm
Tonsil scissors, 7 1/2 inch



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



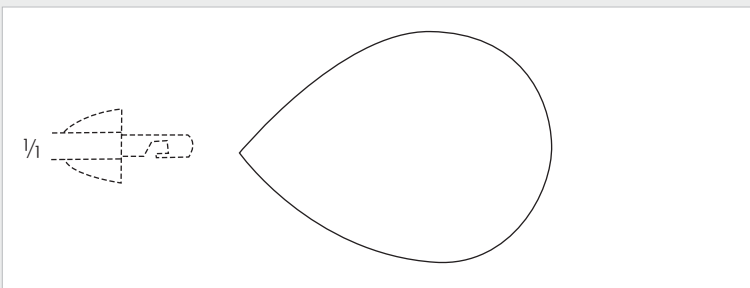
430-604-280
EVES
 Tonsillenschnürer, mit Sperre, 285 mm
 Tonsil snare, with ratchet, 11 ¼ inch



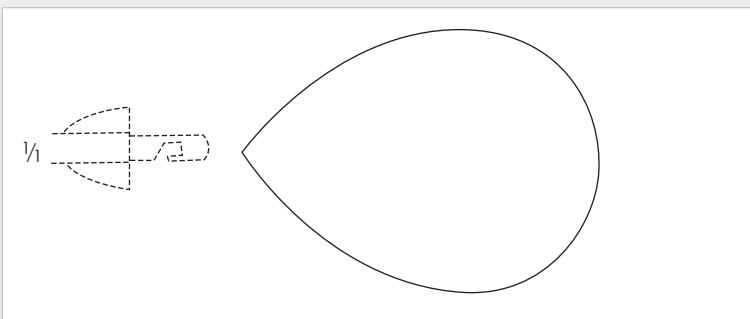
430-605-270
BRUENINGS
 Tonsillenschnürer, 270 mm
 Tonsil snare, 10 ½ inch



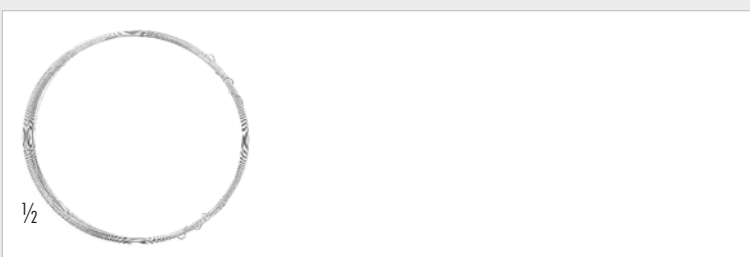
430-606-003 Ø 0,3 mm
430-606-005 Ø 0,5 mm
 Schnürerdrähte, Bestelleinheit: DZ=Packung à 12 Stück
 Snare wires, sales unit: DZ=Package of 12 pieces



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



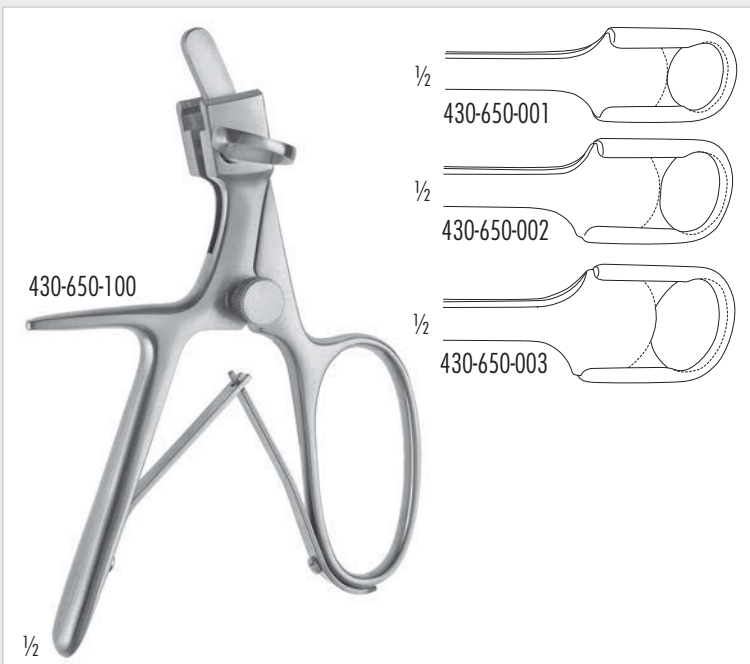
430-620-200

Veeder-Aufsatz, allein
Veeder tip, only



120-265-120

Drahtschere, eine Schneide gezahnt, 120 mm
Wire cutting scissors, on blade serrated, 4 3/4 inch



430-650-001 Fig. 1

430-650-002 Fig. 2

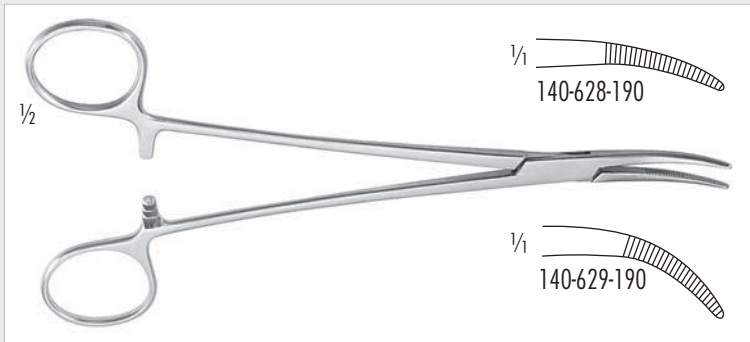
430-650-003 Fig. 3

SLUDER-BALLENGER

Aufsätze für Tonsillotomgriff 430-650-100
Blades for tonsillotome handle 430-650-100

430-650-100

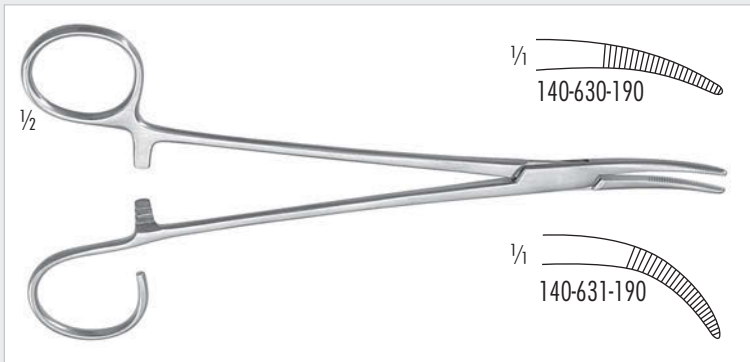
Tonsillotomgriff für Aufsätze 430-650-001 - 430-650-003
Tonsillotome handle for blades 430-650-001 - 430-650-003



140-628-190 leicht gebogen/slightly curved
 140-629-190 stark gebogen/strongly curved

SCHNIDT

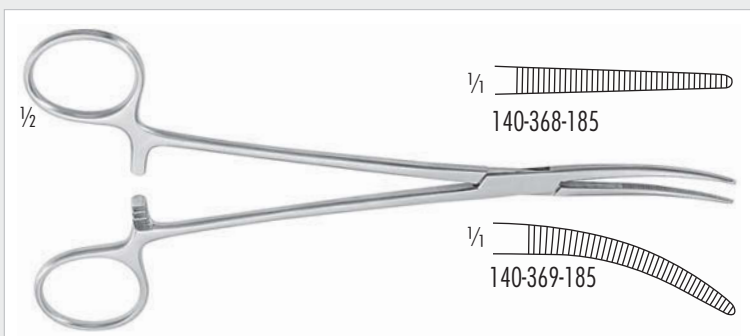
Tonsillenklemme, 190 mm
 Tonsil artery forceps, 7 1/2 inch



140-630-190 leicht gebogen/slightly curved
 140-631-190 stark gebogen/strongly curved

SCHNIDT

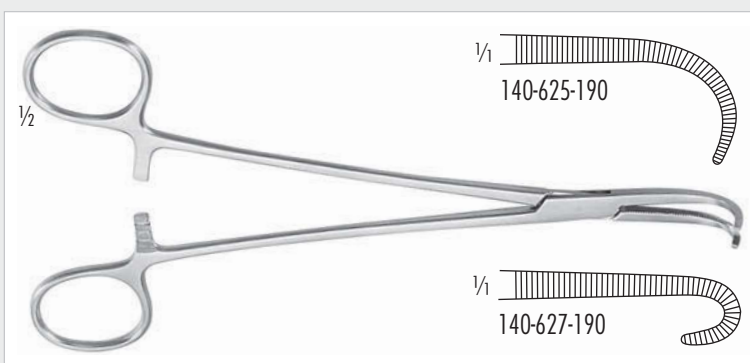
Tonsillenklemme, mit offenem Ring, 185 mm
 Tonsil artery forceps, with open ring, 7 1/4 inch



140-368-185 gerade/straight
 140-369-185 gebogen/curved

BIRKETT

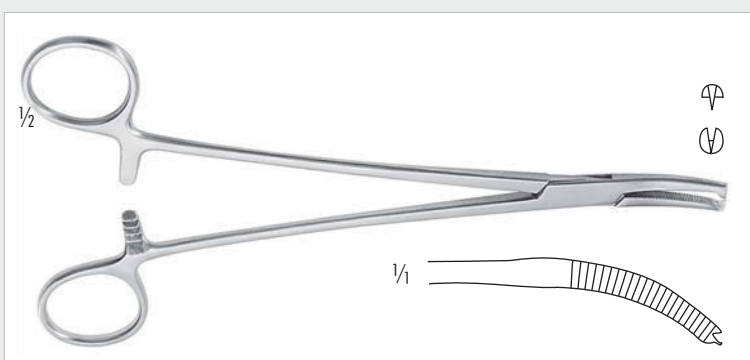
Arterienklemme, 185 mm
 Hemostatic forceps, 7 1/4 inch



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

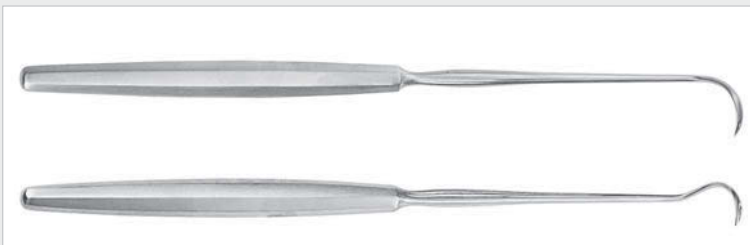
Unterbindungsnadel, 230 mm
Ligature needle, 9 inch



180-711-240

NAGER

Unterbindungsnadel, 240 mm
Ligature needle, 9 1/2 inch



180-718-210 links/left

180-719-210 rechts/right

HURD

Unterbindungsnadel, 210 mm
Ligature needle, 8 1/4 inch



430-500-260

ROEDER

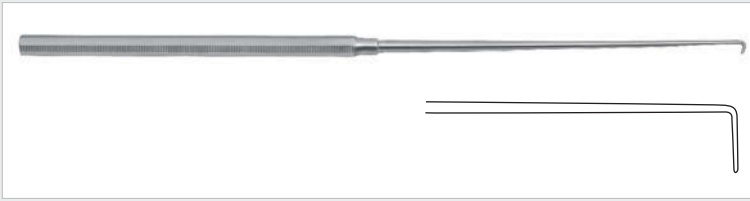
Ligaturinstrument, 260 mm
Ligature instrument, 10 1/4 inch



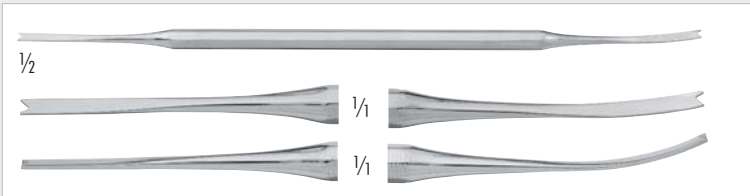
430-505-205

NEGUS

Fadengabel, 205 mm
Knot tyer, 8 inch



430-506-210
CLAUS-EICKEN
Fadenfänger, 210 mm
Suture hook (catcher), 8 ¼ inch



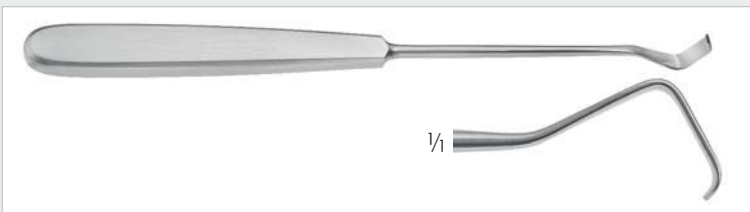
430-602-175
LUNIATSCHEK
Tonsillen Tamponstopfer, 2 mm, 190 mm
Tonsil gauze packers, 2 mm, 7 ½ inch



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



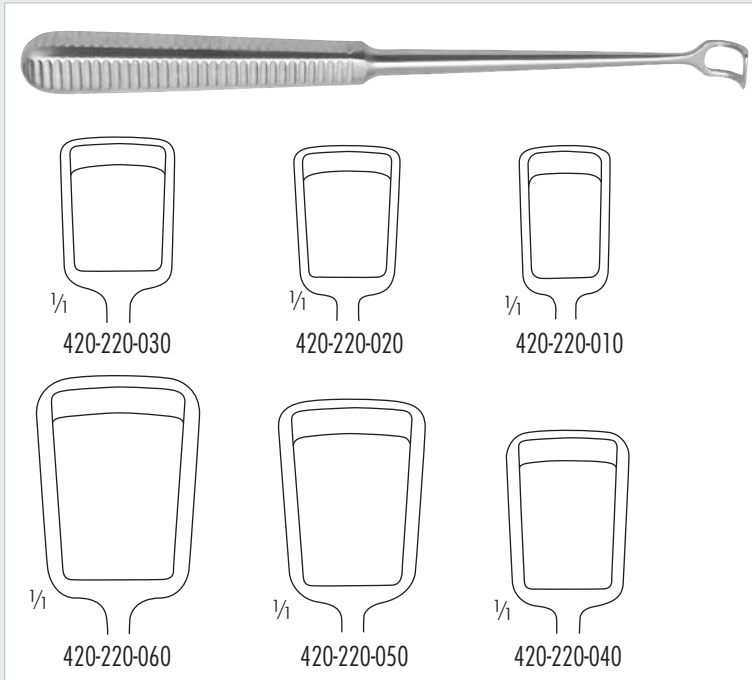
430-300-230
HOFER
Gaumenretraktor, 240 mm
Uvula retractor, 9 ½ inch



430-522-230
HURD
Elevator, 230 mm
Elevator, 9 inch



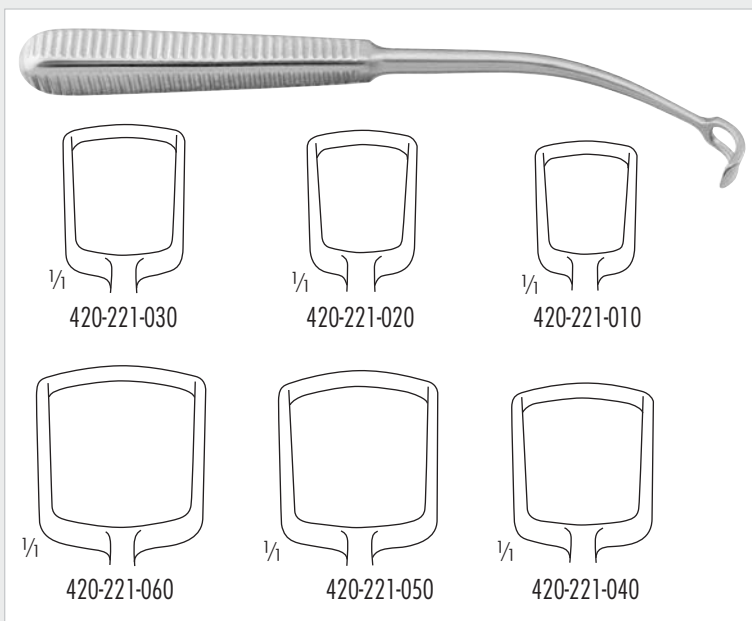
430-524-210
NAGER
Gaumenhaken, 210 mm
Uvula retractor, 8 ¼ inch



- 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

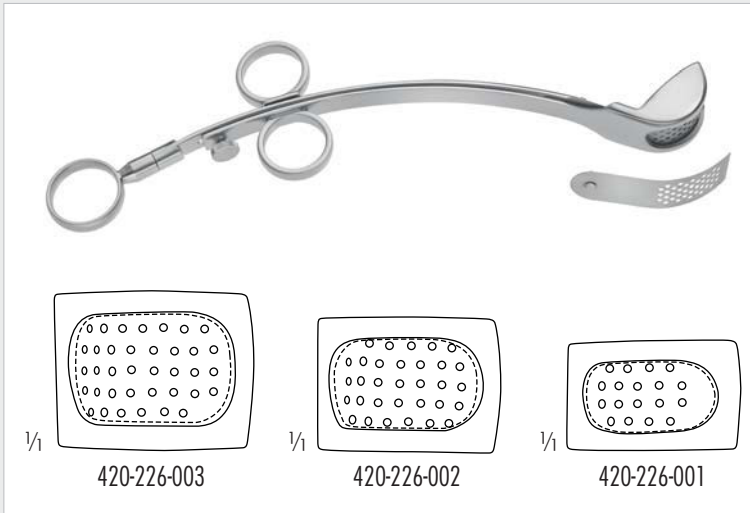
Ringmesser, 220 mm
Adenoid curette, 8 ¾ inch



- 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 ¾ inch



- 420-226-001 12 mm
- 420-226-002 16 mm
- 420-226-003 18 mm

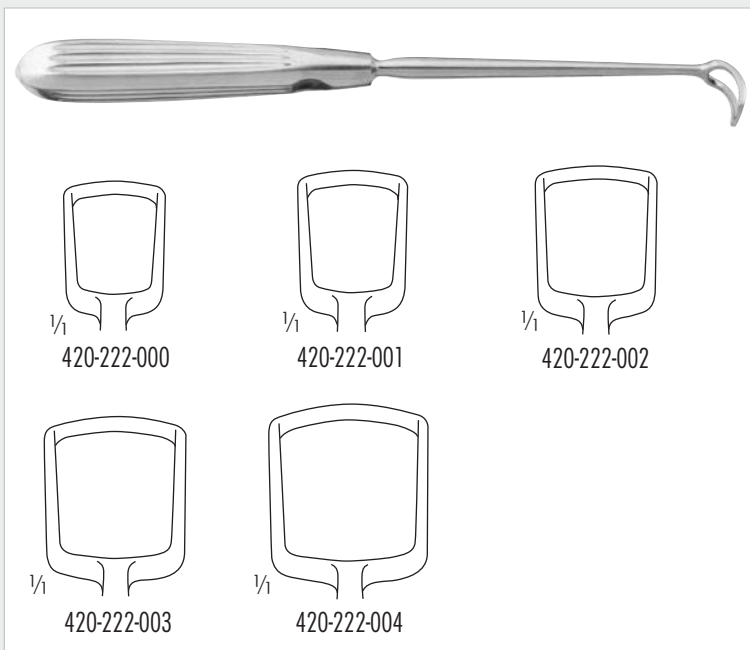
LA FORCE

Pharynx Tonsillotom, 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



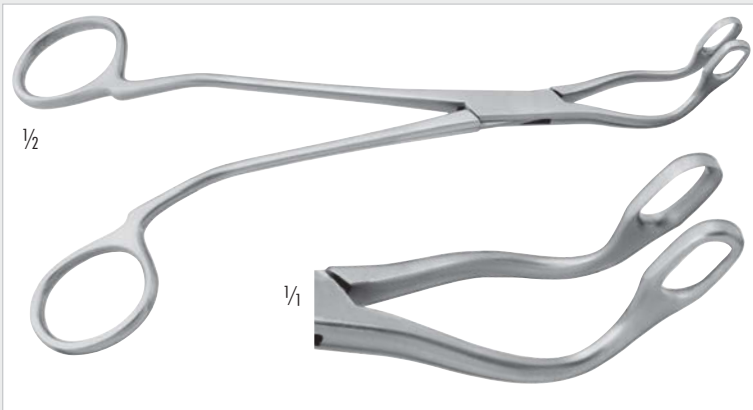
- 420-222-000 Fig. 0
- 420-222-001 Fig. 1
- 420-222-002 Fig. 2
- 420-222-003 Fig. 3
- 420-222-004 Fig. 4

BARNHILL

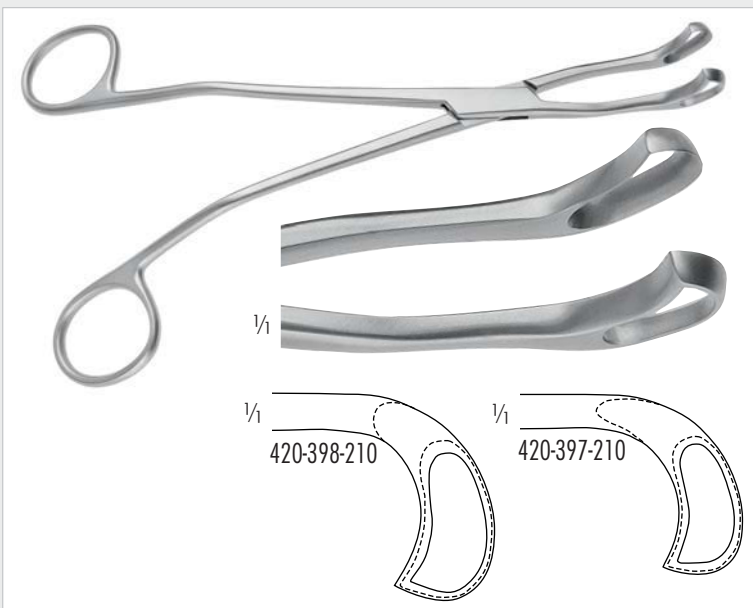
Ringmesser, 220 mm
Adenoid curette, 8 ¾ inch



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



1/2

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

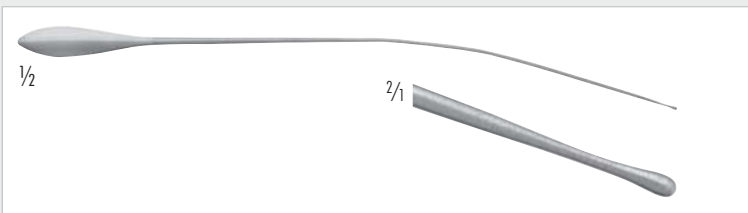


1/2

410-046-180 Ø 1,0 mm

RZ

Speichelgangsonde, aus Silber, 180 mm
Salival duct probe, silver plated, 7 inch



1/2

2/1

410-045-180 Ø 1,0 mm

SEIFFERT

Speichelgangsonde, aus Silber, 180 mm
Salival duct probe, silver plated, 7 inch



Größe 1/2

Größe 3/4

Größe 5/6

Größe 7/8

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

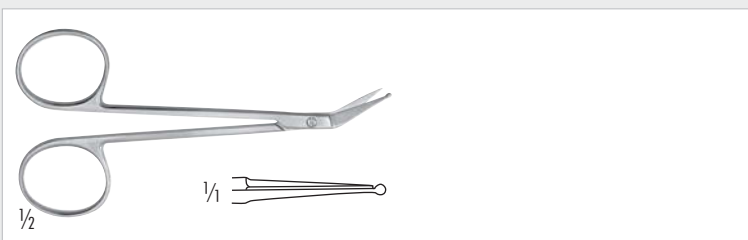
400-310-006 Fig. 000/00

400-310-007 Fig. 7/8

BOWMAN

Sonden, silber

Lacrimal probes, silver plated



1/2

1/1

420-100-100

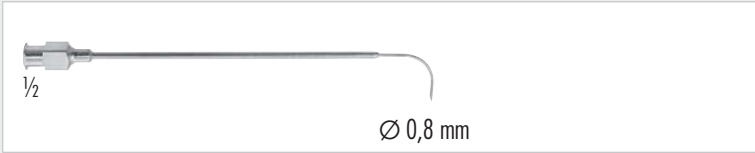
PERWITZSCHKY

Speichelgangschere, 100 mm
Salival scissors, 4 1/2 inch



252-005-170

Tonsillenkanüle, gerade, mit LUER-Lock-Ansatz
Tonsil needle, straight, with Luer-lock attachment



252-004-170

Tonsillenkanüle, 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
Glass cylinder, only



100-866-230


Tonsillen Bipolare Elektrode, stumpf, Nutzlänge 230 mm
Tonsil bipolar electrode, blunt, working length 9 inch

Bipolare Anschlußkabel/Bipolar Cables




| | | | |
|---|--|---|---|
|  |  |  |  |
| 2-Bananen-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





LARYNGOSCOPY

Instruments and
Equipment for
Laryngoscopy

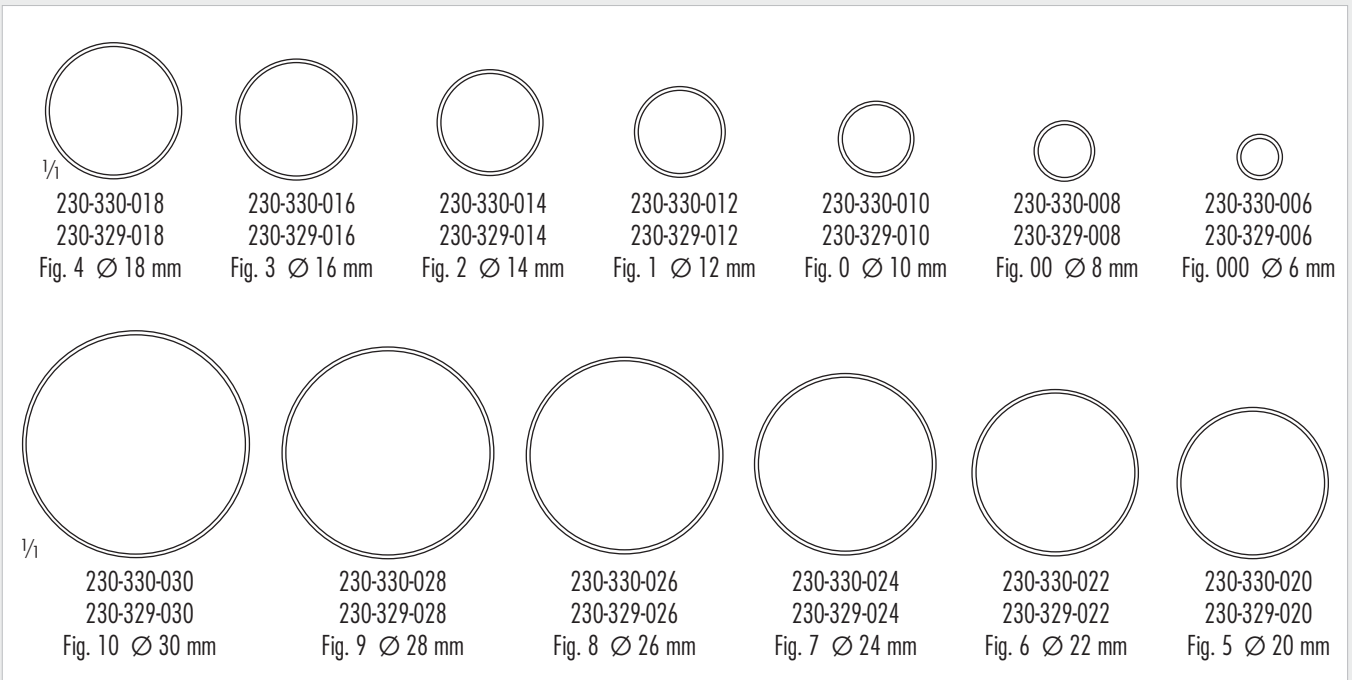
LARYNGOSCOPY



230-329-006 - 230-329-030
Kehlkopfspiegel, 120 mm
Laryngeal mirror, 4 1/2 inch



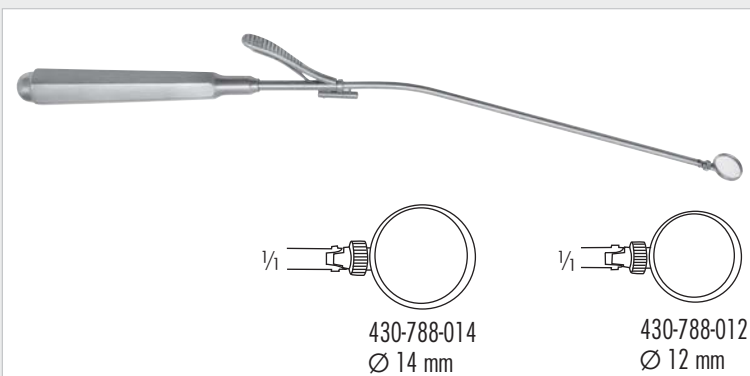
230-330-006 - 230-330-030
Kehlkopfspiegel mit Sechskantgriff, 180 mm
Laryngeal mirror with hexagonal handle, 7 inch



230-332-105
Spiegelgriff, 110 mm
Mirror handle, 4 3/8 inch



230-331-110
Spiegelgriff mit Feststellschraube, 110 mm
Mirror handle with set screw, 4 3/8 inch



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



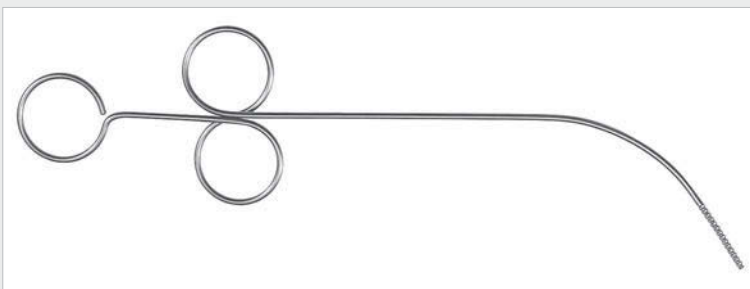
430-800-100
Kehlkopf-Zerstäuber mit Glaszylinder, 12 ml
Laryngeal-Atomizer with glass barrel, 12 ml



430-803-230
REICHERT
Kehldeckelhalter, 240 mm
Epiglottis retractor, 9 1/2 inch



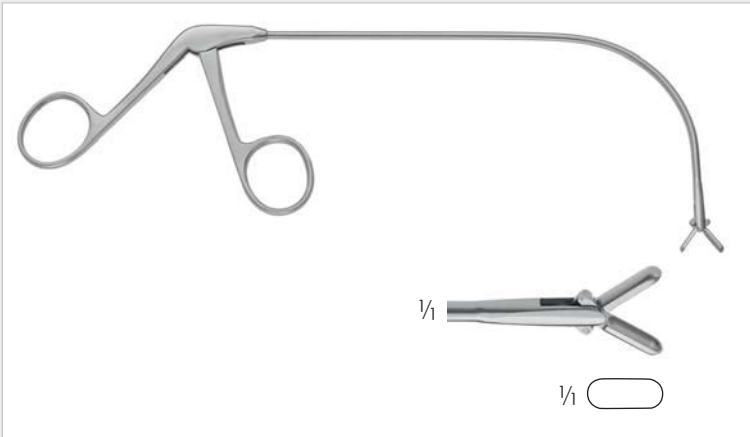
430-805-250
KILLIAN
Watteträger, 250 mm
Laryngeal applicator, 10 inch



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 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 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



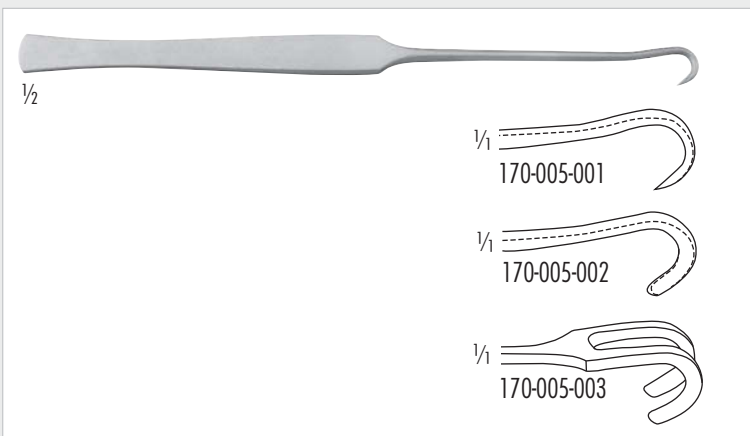
440-130-140
LABORDE
 Trachealdilatator, 140 mm
 Tracheal dilator, 5 1/2 inch



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



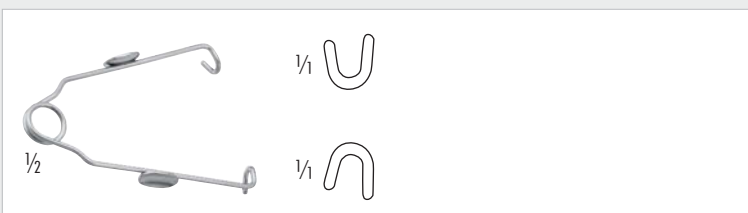
440-221-160
KOCHER
 Kropf Sonde, mit Loch, 160 mm
 Goitre director, with hole, 6 inch



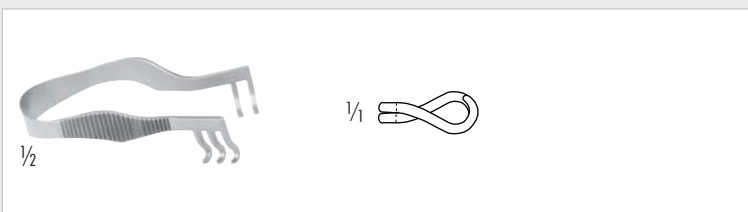
440-020-130 Ø 9,0 mm
 440-021-130 Ø 7,5 mm
UCKERMANN
 Trachealtrokar, 130 mm
 Tracheal trocar, 5 inch



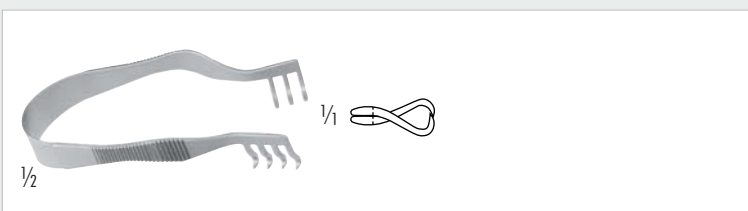
440-100-100
RZ Notfall Set
 Tracheostomy Set, komplett, schnelles Öffnen der Luftwege durch die Koniotomie Dolchscherer 120-537-140 nach vorheriger Stichinzision der Haut
RZ Emergency Set
 Tracheostomy set, complete, quick opening of respiratory tract by using a coniotomy scissors 120-537-140 following a skin incision



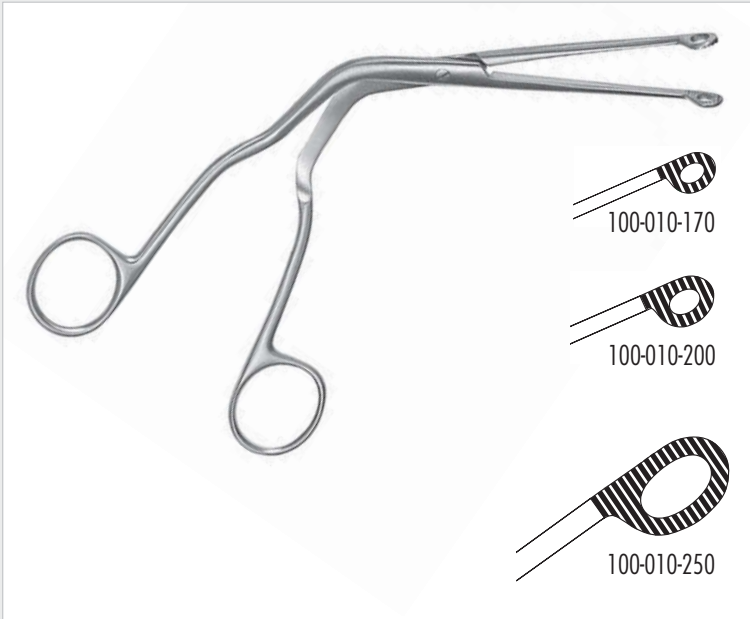
170-700-060
BOSE
 Wundspreizer, 60 mm
 Tracheal retractor, 2 3/8 inch



170-701-050
FINSEN
 Wundspreizer, 2 x 3 Zähne, stumpf, 50 mm
 Tracheal retractor, 2 x 3 teeth, blunt, 2 inch



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



| Versilbert Silver-coated | Größe size | Außen-Ø Outside diam. |
|-----------------------------|---------------|--------------------------|
| 440-105-000 | 0 | 4 mm |
| 440-105-001 | 1 | 5 mm |
| 440-105-002 | 2 | 6 mm |
| 440-105-003 | 3 | 7 mm |
| 440-105-004 | 4 | 8 mm |
| 440-105-005 | 5 | 9 mm |
| 440-105-006 | 6 | 10 mm |
| 440-105-007 | 7 | 11 mm |
| 440-105-008 | 8 | 12 mm |
| 440-105-009 | 9 | 13 mm |

LUER
Trachealkanüle
Tracheal tube



| Versilbert Silver-coated | Größe size | Außen-Ø Outside diam. |
|-----------------------------|---------------|--------------------------|
| 440-101-000 | 0 | 4 mm |
| 440-101-001 | 1 | 5 mm |
| 440-101-002 | 2 | 6 mm |
| 440-101-003 | 3 | 7 mm |
| 440-101-004 | 4 | 8 mm |
| 440-101-005 | 5 | 9 mm |
| 440-101-006 | 6 | 10 mm |
| 440-101-007 | 7 | 11 mm |
| 440-101-008 | 8 | 12 mm |
| 440-101-009 | 9 | 13 mm |

JACKSON
Trachealkanüle, mit Obturator
Tracheal tube, with obturator



- 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)

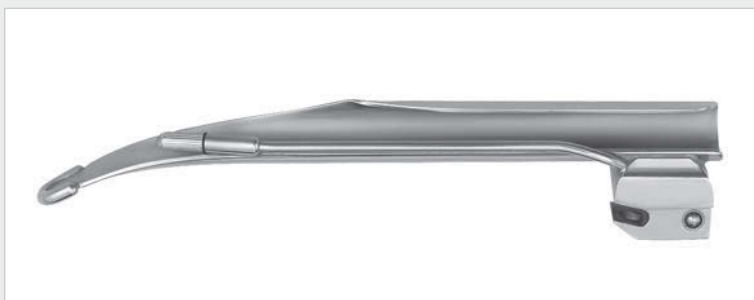
Warmlicht Layngoskopspatel
Warm-light laryngoscope blade



- 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

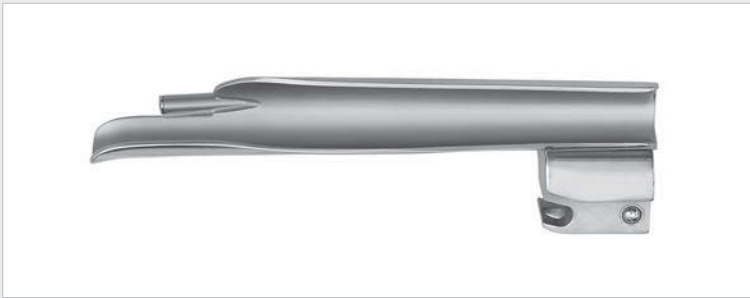
Fiberoptik Kaltlicht Layngoskopspatel
Fiberoptic cold-light laryngoscope blade



- 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

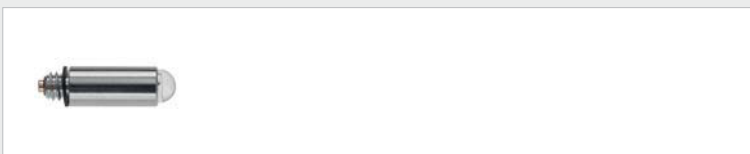
Kaltlicht Laryngoskopspatel
Cold-light laryngoscope blade



- 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 Halogenbirne, ohne Batterien,
Trafo-Anschluss für aufladbare Batterien
Cold-Light handle, large, with halogen bulb, without batteries
Trafo-connection for rechargeable battery

100-211-011

Kaltlichtgriff, Ø18mm, mit Halogen Lampe, ohne Batterien
Cold-Light handle, Ø18mm, with halogen-bulb, without batteries

100-211-010

Kaltlichtgriff, Ø30mm, mit Halogen Lampe, ohne Batterien
Cold-Light handle, Ø30mm, with halogen-bulb, without batteries

100-211-010

100-211-011

100-211-012



100-211-013

100-211-014

100-211-013

Kaltlichtgriff, Ø 30mm, LED-Beleuchtung, wiederaufladbar
Cold-light handle, Ø 30mm, LED illumination, rechargeable

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



100-211-012T

Ladegerät für Kaltlichtgriff 100-211-010
Charger for Cold-light handle 100-211-010

100-250-016

Akku Einsatz für 100-211-010
Accu Insert for 100-211-010



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

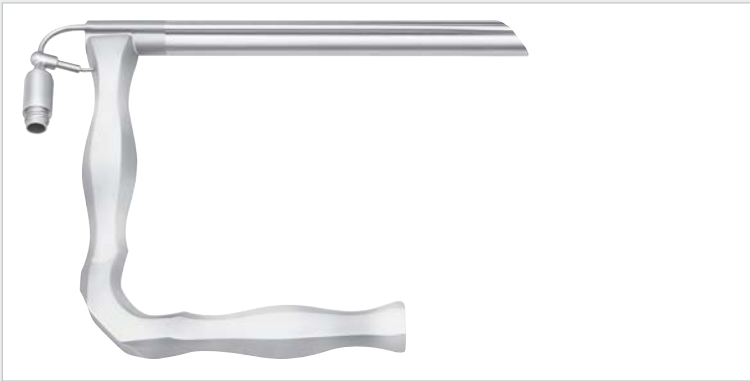
100-215-200
5 Spatel/blades, Fig. 0 - 4

100-215-100
4 Spatel/blades, Fig. 1 - 4

- 100-500-201 Fig. 1, 135mm
- 100-500-202 Fig. 2, 152mm
- 100-500-203 Fig. 3, 182mm
- 100-500-204 Fig. 4, 172mm
- 100-500-205 Fig. 5, 172mm
- 100-500-206 Fig. 6, 182mm
- 100-500-207 Fig. 7, 222mm

Operations-Laryngoskop, spreizbar
Operating laryngoscope, spreadable





- 100-505-001 Säuglinge, Arbeitslänge 120 mm
newborn, working length 4 ¾ inch
- 100-505-002 Kinder, Arbeitslänge 170 mm
children, working length 6 ¾ inch
- 100-505-003 Erwachsene, Arbeitslänge 180 mm
adults, working length 7 inch

JACKSON

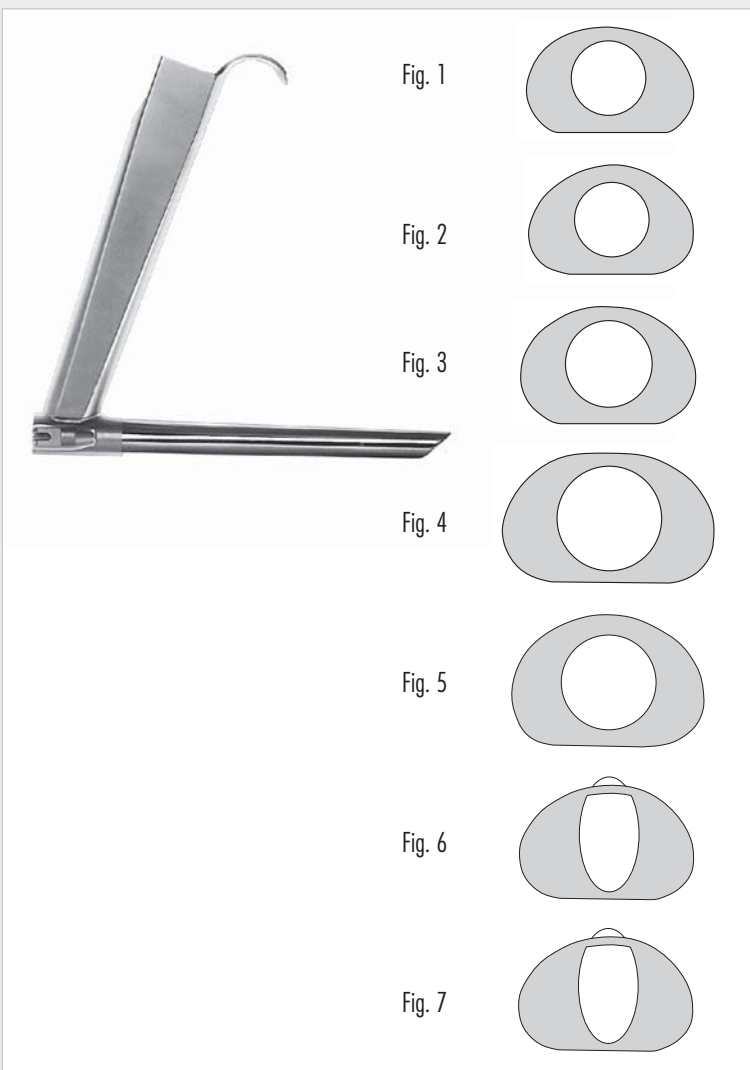
Operationslaryngoskop, mit Fiberglas Lichtträger
Operating laryngoscope, with fiberglass light carrier



- 100-510-001 Säuglinge, Arbeitslänge 120 mm
Babys, working length 4 ¾ inch
- 100-510-002 Kinder, Arbeitslänge 170 mm
Children, working length 6 ¾ inch
- 100-510-003 Erwachsene, Arbeitslänge 180 mm
Adults, working length 7 inch

HOLINGER

Operationslaryngoskop, mit Fiberglas Lichtträger
Operating laryngoscope, with fiberglass light carrier



| | | Innen-Ø Inner-Ø | Außen-Ø Outside-Ø |
|-------------|----------------|--------------------|----------------------|
| 100-500-001 | 135 mm, Fig. 1 | 11 | 20 x 12 |
| 100-500-002 | 152 mm, Fig. 2 | 11 | 21 x 13 |
| 100-500-003 | 182 mm, Fig. 3 | 12 | 21 x 13 |
| 100-500-004 | 172 mm, Fig. 4 | 14.5 | 27 x 15 |
| 100-500-005 | 172 mm, Fig. 5 | 16 | 29 x 19 |
| 100-500-006 | 182 mm, Fig. 6 | 13 x 18 | 26 x 17 |
| 100-500-007 | 222 mm, Fig. 7 | 13 x 18 | 26 x 17 |

KLEINSASSER

Operationslaryngoskop
Operation Laryngoscope

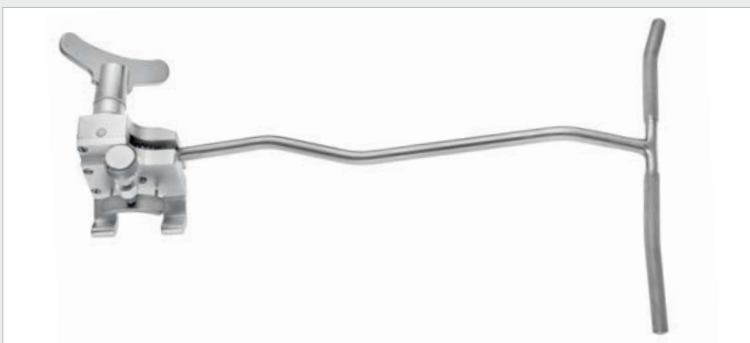


100-500-100

Bruststütze mit Stützstange für Erwachsene, 340 mm
Chest-support with support-rod for adults, 13 ½ inch

100-500-101

Bruststütze mit Stützstange für Kinder, 240 mm
Chest-support with support-rod for children, 9 ½ inch



100-500-102

LEWY

Laryngoskop-Halter für Jackson Laryngoskope
Laryngoscopy holder for Jackson laryngoscopes



100-500-019 klein/small

Fiberglas-Lichtträger, für Laryngoskope 100-500-001 - 100-500-002
Fibre optic light guide, for Laryngoscopes 100-500-001 - 100-500-002



100-500-020 mittel/medium

Fiberglas-Lichtträger, für Laryngoskope 100-500-003 - 100-500-006
Fibre optic light guide, for Laryngoscopes 100-500-003 - 100-500-006



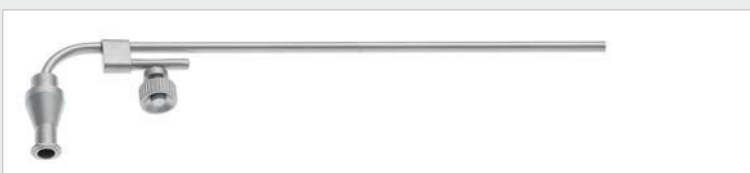
100-500-021 groß/large

Fiberglas-Lichtträger, für Laryngoskop 100-500-007
Fibre optic light guide, for Laryngoscope 100-500-007



100-500-050

Injektionskanüle für Laryngoskope 100-500-001 - 100-500-007
Injections drain tube for Laryngoscopes 100-500-001 - 100-500-007



100-500-075

Rauchabsaugrohr für Laryngoskope
100-500-003 - 100-500-007
Smoke evacuation tube for Laryngoscopes
100-500-001 - 100-500-007



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 abgewinkelbare 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:

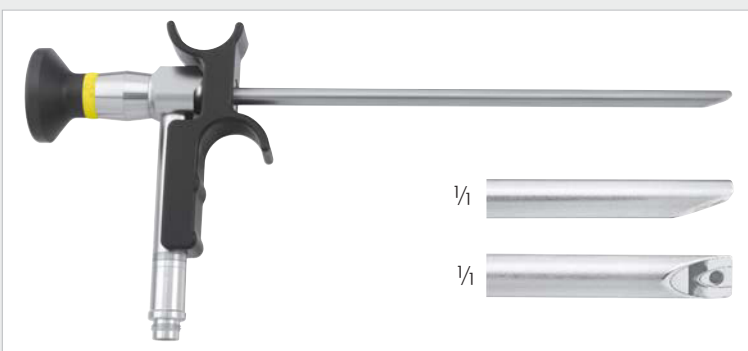
ETO valve
Leakage tester
Adaptor Storz/Olympus
Adaptor Wolf
PE-Forceps 1.0 mm x 800 mm
Cleaning Brush 1.5 mm x 1100 mm
Sealing cap for working channel



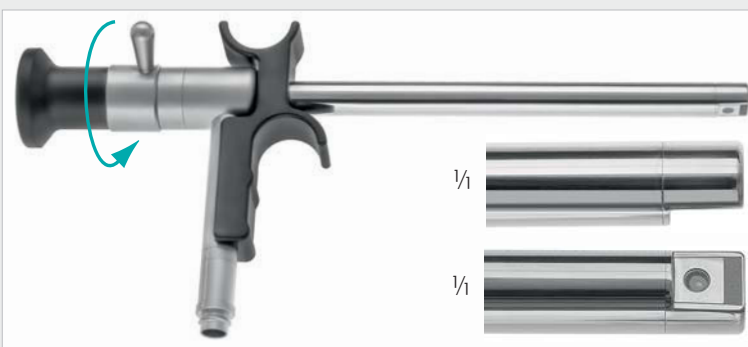
100-800-070 70°
 100-800-090 90°
 Laryngo-Pharyngoskop, autoklavierbar, Ø 11 mm, 175 mm
 Laryngo-Pharyngoscope, autoclavable, Ø 11 mm, 6 ¾ inch



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



100-810-090
 Zoom-Laryngo-Pharyngoskop, autoklavierbar, Ø 11 mm, 90°, 190 mm
 Zoom-Laryngo-Pharyngoscope, autoclavable, Ø 11 mm, 90°, 7 ½ inch



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
 250-051-180 Ø 4,8 mm, 1800 mm
 250-051-230 Ø 4,8 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
 250-055-180 Ø 4,8 mm, 1800 mm
 250-055-230 Ø 4,8 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



Adapter für Lichtleitkabel zum Anschluß an die Lichtquelle
Adaptor pieces for fibre light guide to use with lightsource



RZ/Storz/Olympus



250-042-000

Wolf



250-040-000

ACMI/British Standard



250-041-000

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

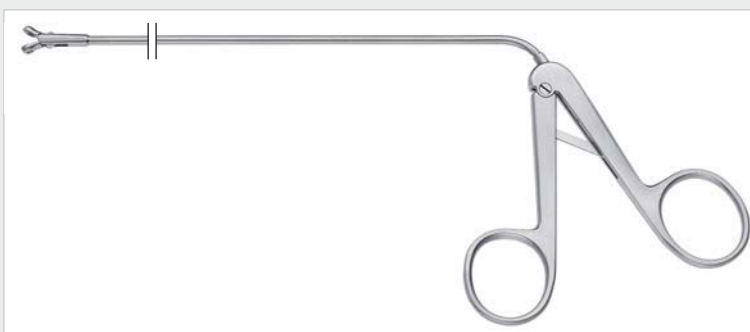


250-059-000

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

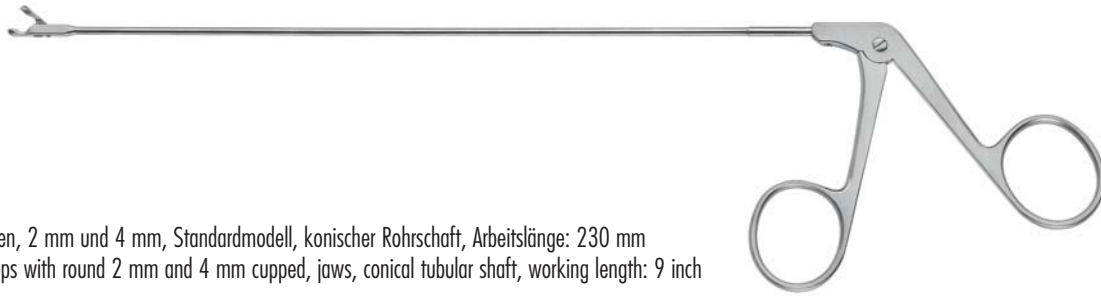
Laryngoskopie-Biopsiezange, schweres Modell, 5mm Löffelmaul, gerade, doppelbeweglich, 230mm

Laryngoscopic-Biopsyforceps heavy, with round 5mm cupped jaws, double action, 9 inch

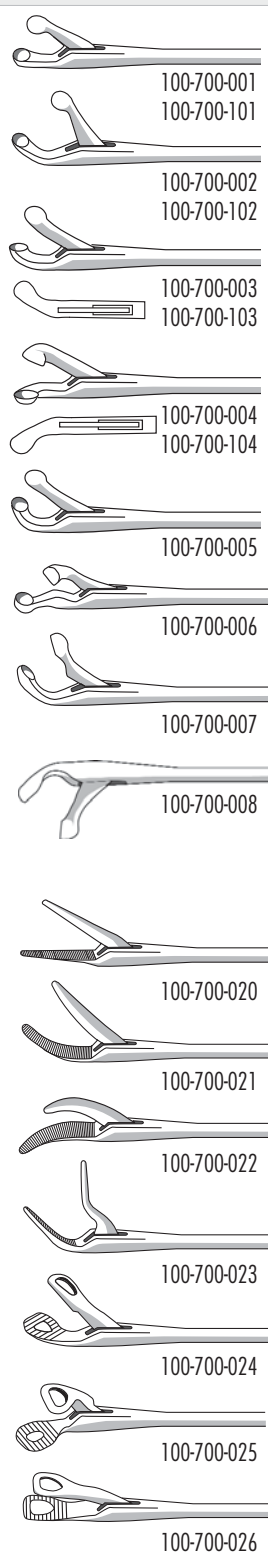
100-704-230

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



2 mm

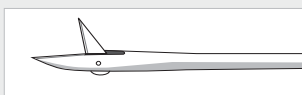
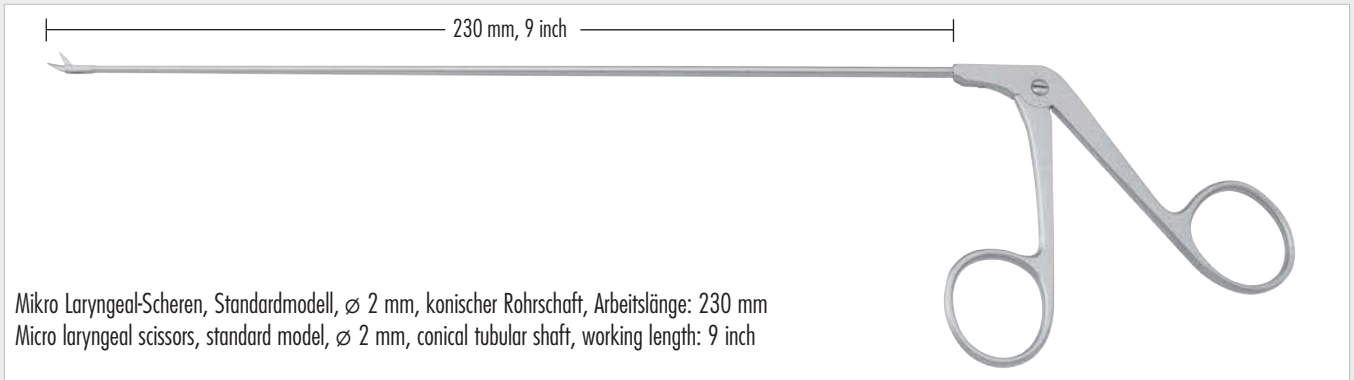
- 100-700-001 gerade/straight
- 100-700-002 aufgebogen/curved upwards
- 100-700-003 rechts gebogen/curved right
- 100-700-004 links gebogen/curved left
- 100-700-005 rechts aufgebogen/curved upwards right
- 100-700-006 links aufgebogen/curved upwards left
- 100-700-007 horizontal, nach rechts öffnend/horizontal curved right opening
- 100-700-008 horizontal, nach links öffnend/horizontal curved left opening

4 mm

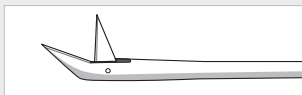
- 100-700-101 gerade, straight
- 100-700-102 aufgebogen/curved upwards
- 100-700-103 rechts gebogen/curved right
- 100-700-104 links gebogen/curved left

Faßzängchen, Standardmodell, konischer Rohrschaft 2 mm, Nutzlänge 230mm
Alligator forceps, standard model, conical tubular shaft 2 mm, working length 9 inch

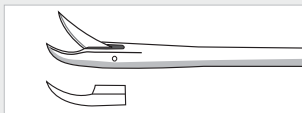
- 100-700-020 gerieft, gerade/serrated, straight
- 100-700-021 nach rechts gebogen/curved right
- 100-700-022 nach links gebogen/curved left
- 100-700-023 aufgebogen/curved upwards
- 100-700-024 mit dreieckigem Maul, nach rechts aufgebogen/with triangular jaws, curved upwards right
- 100-700-025 mit dreieckigem Maul, nach links aufgebogen/with triangular jaws, curved upwards left
- 100-700-026 mit dreieckigem Maul, gerade/with triangular jaws, straight



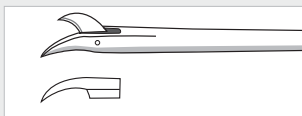
100-700-050 gerade/straight



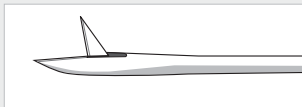
100-700-051 45° aufgebogen/upcurved



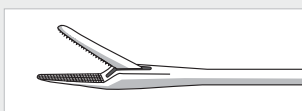
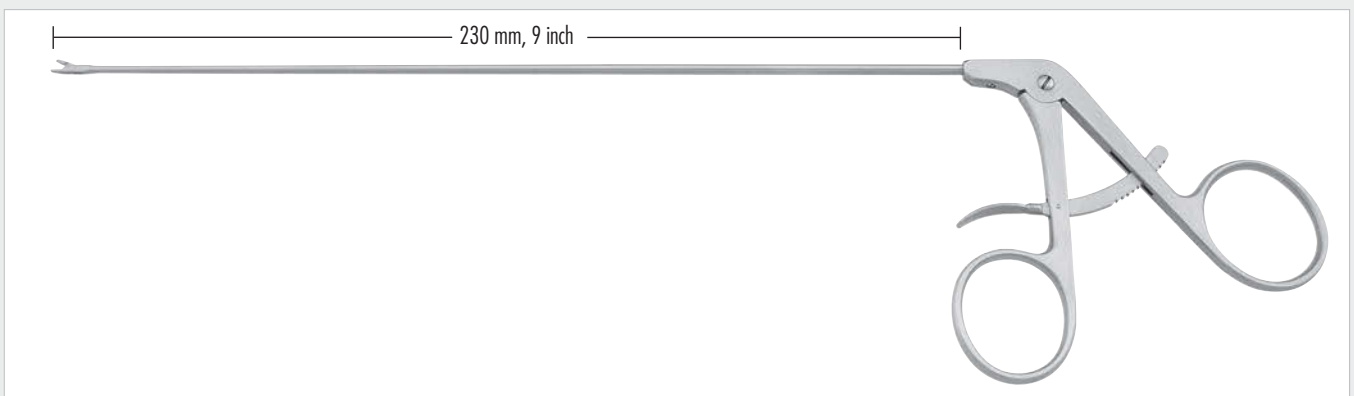
100-700-052 rechts gebogen/curved right



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



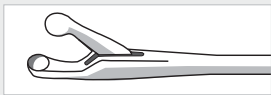
100-700-210 Nadelhalter mit Sperre, konischer Rohrschaft, mit Hartmetalleinlagen, Nutzlänge 230 mm
Needle holder with ratchet, conical tubular shaft, with TC insert, working length 9 inch



Löffelzängchen/Cupped Forceps



100-712-001 2 mm, gerade/straight



100-712-002 3 mm, gerade/straight

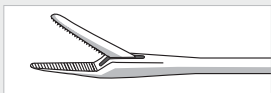


100-712-003 2 mm, aufgebogen/curved upwards



100-712-004 3 mm, aufgebogen/curved upwards

Alligator Zange, gerieft/Alligator Forceps, serrated

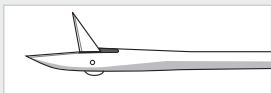


100-712-005 gerade/straight

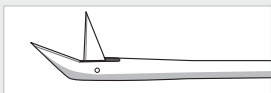


100-712-013 aufgebogen/curved upwards

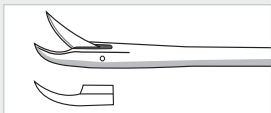
Schere/Scissors



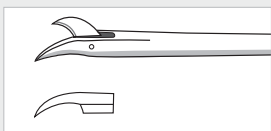
100-712-006 gerade/straight



100-712-007 45° abgewinkelt/45° angled



100-712-008 rechts gebogen/curved right



100-712-009 links gebogen/curved left

230 mm, 9 inch



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

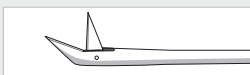


100-710-023 aufgebogen/curved upwards

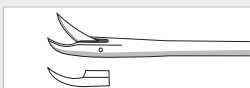
Mini-Scherchen, extra fein, konischer Rohrschaft, Nutzlänge 230 mm
Miniature Scissors, very delicate, conical tubular shaft, working length 9 inch



100-710-050 gerade/straight



100-710-051 45° aufgebogen/angled 45°



100-710-052 nach rechts gebogen/curved right

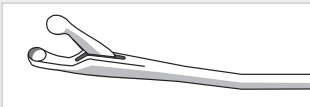


100-710-053 nach links gebogen/curved left

230 mm, 9 inch

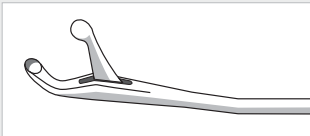


Instrumente für Laryngoskopie, distales Ende aufgebogen für die vordere Kommissur,
konischer Rohrschaft, Arbeitslänge: 230 mm
Laryngeal instruments, distal end angled up for anterior commissure, conical tubular shaft,
working length: 9 inch

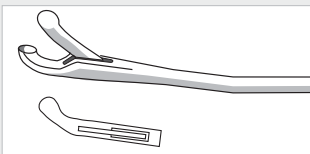


Löffelzängchen/cupped forceps, \varnothing 2.0 mm

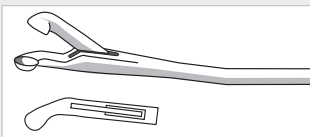
100-715-001 gerade/straight
100-725-001 gerade, Daumenkontrolle/straight, thumb control



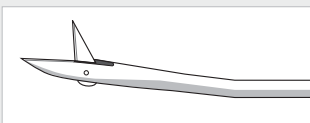
100-715-002 aufgebogen/curved upwards
100-725-002 aufgebogen, Daumenkontrolle/curved upwards, thumb control



100-715-003 nach rechts gebogen/curved right
100-725-003 nach rechts gebogen, Daumenkontrolle/curved right, thumb control

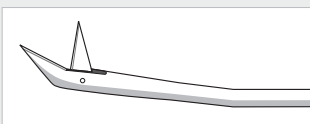


100-715-004 nach links gebogen/curved left
100-725-004 nach links gebogen, Daumenkontrolle/curved left, thumb control

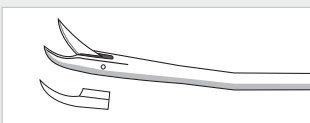


Schere/Scissors

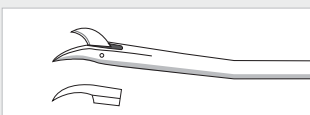
100-715-005 gerade/straight
100-725-005 gerade, Daumenkontrolle/straight, thumb control



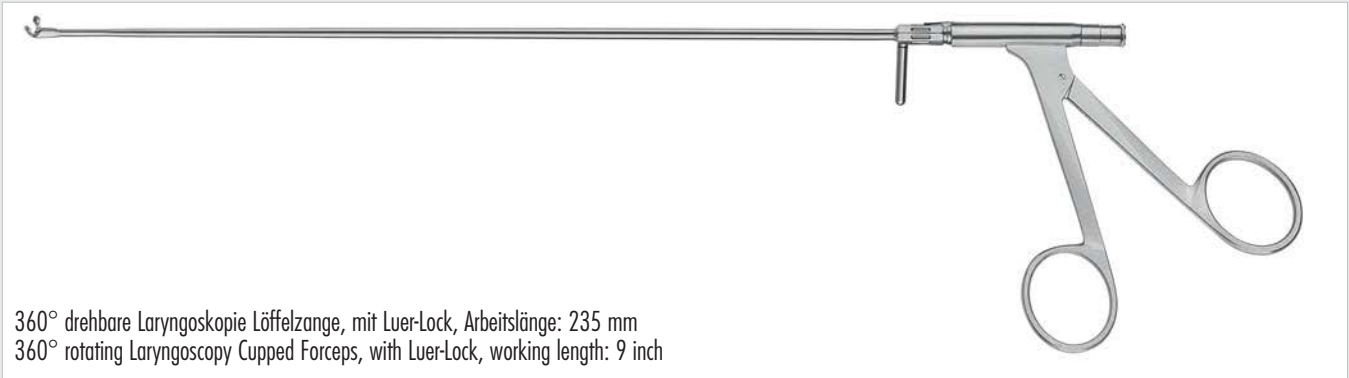
100-715-006 45° aufgebogen/45° angled upwards
100-725-006 45° aufgebogen, Daumenkontrolle/45° angled upwards, thumb control



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



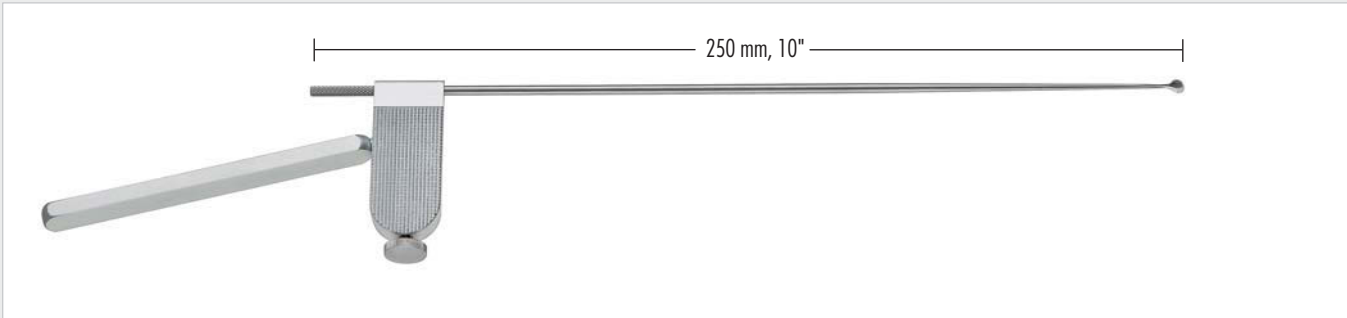
100-700-551
aufgebogen/curved upwards



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



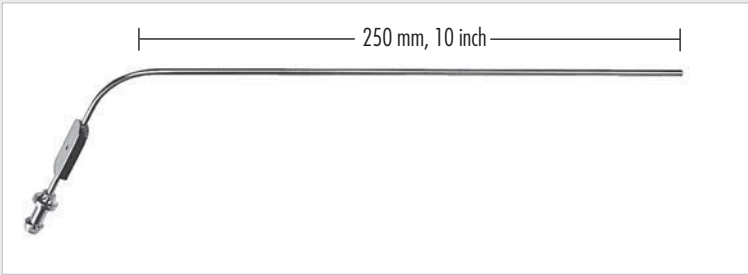
100-850-011

Knotenführer
Knot guide

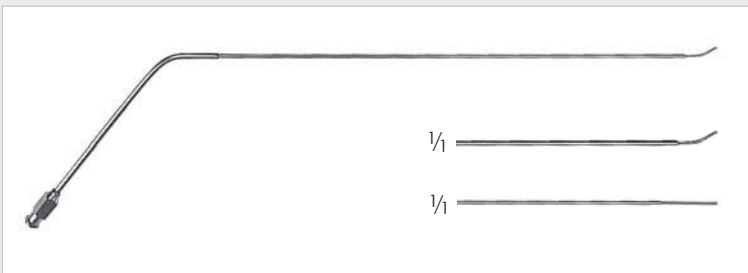


100-850-012

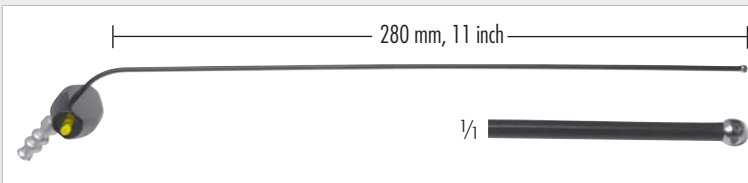
Häkchen, 90°, mit Sondenknopf
Hook with probe end, 90° angled



100-860-020 ø 2.0 mm
 100-860-025 ø 2.5 mm
 100-860-030 ø 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 monopolarem 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



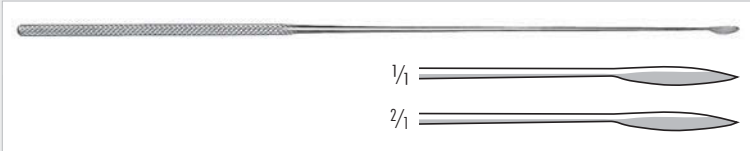
Valleylab, Lamidey, EMC



round-plug 4mm (instrument side)

| | | | | |
|----|-------------|-------------|-------------|-------------|
| 3m | 700-280-030 | 700-285-030 | 700-101-030 | 700-360-031 |
| 5m | 700-280-050 | 700-285-050 | 700-101-050 | 700-360-051 |

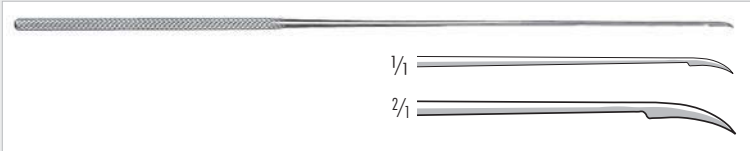
* Innerhalb Europas nicht mit CE-Markierung erhältlich
Not available with CE marking within Europe



100-853-295

JAKO-TYPE

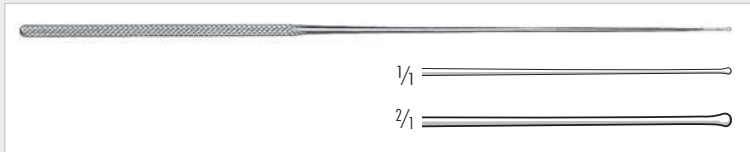
Laryngeal Messer, gerades Blatt, Klingenlänge: 8 mm, 295 mm
Laryngeal knife, straight blade, blade length: 8 mm, 11 3/4 inch



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

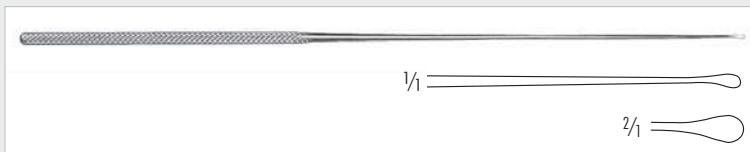
Laryngeal Sonde, gerade, Arbeitslänge: 220 mm, 295 mm
Laryngeal probe, straight, working length: 8 1/2 inch, 11 3/4 inch



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

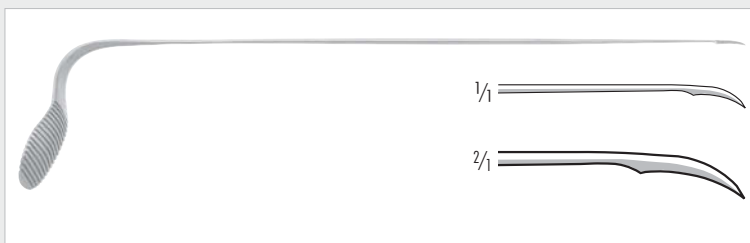
Mikro Dissektor, stumpf, 4 mm breit, Gesamtlänge: 295 mm
Micro dissector, blunt, 4 mm wide, 11 3/4 inch



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

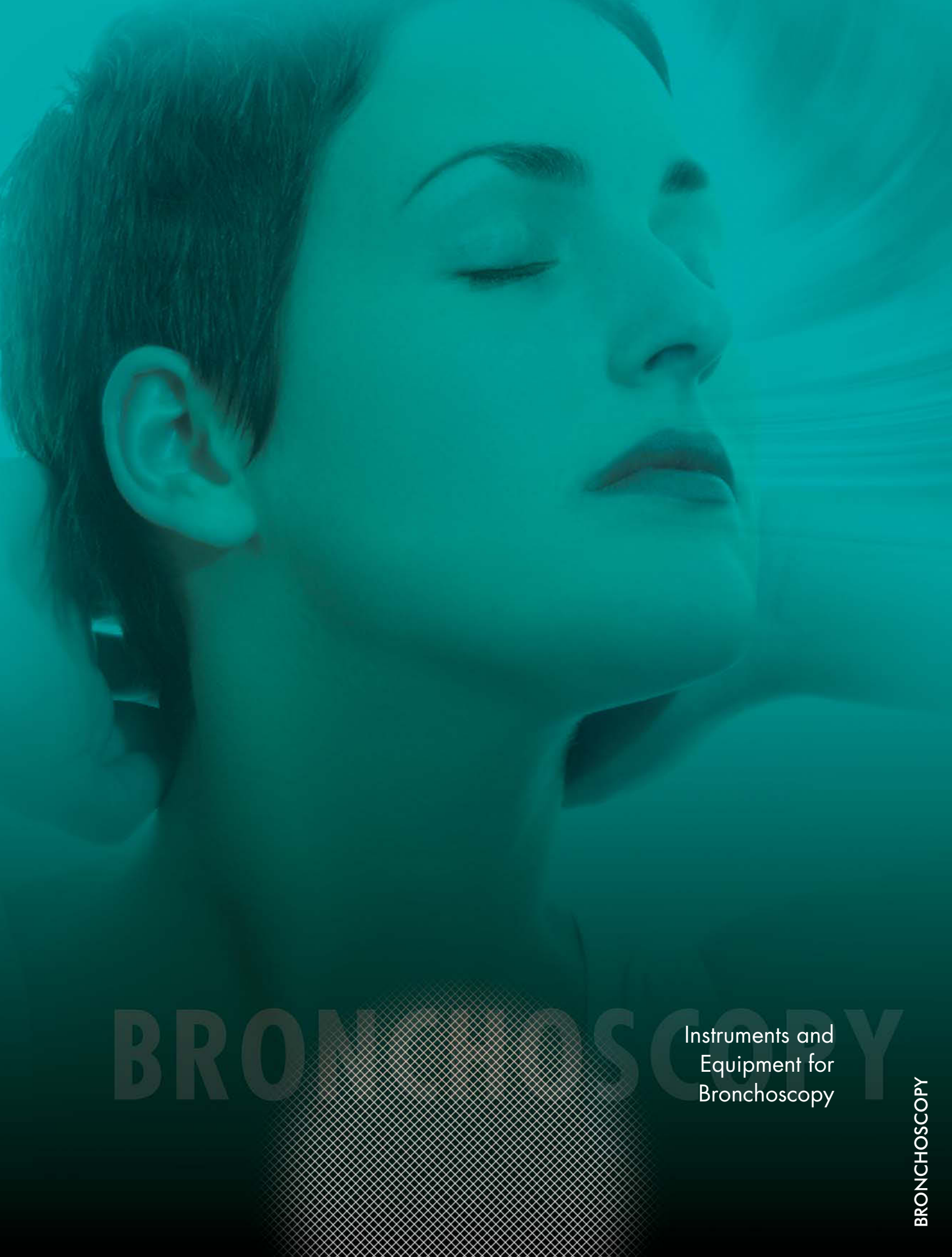


100-860-300

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

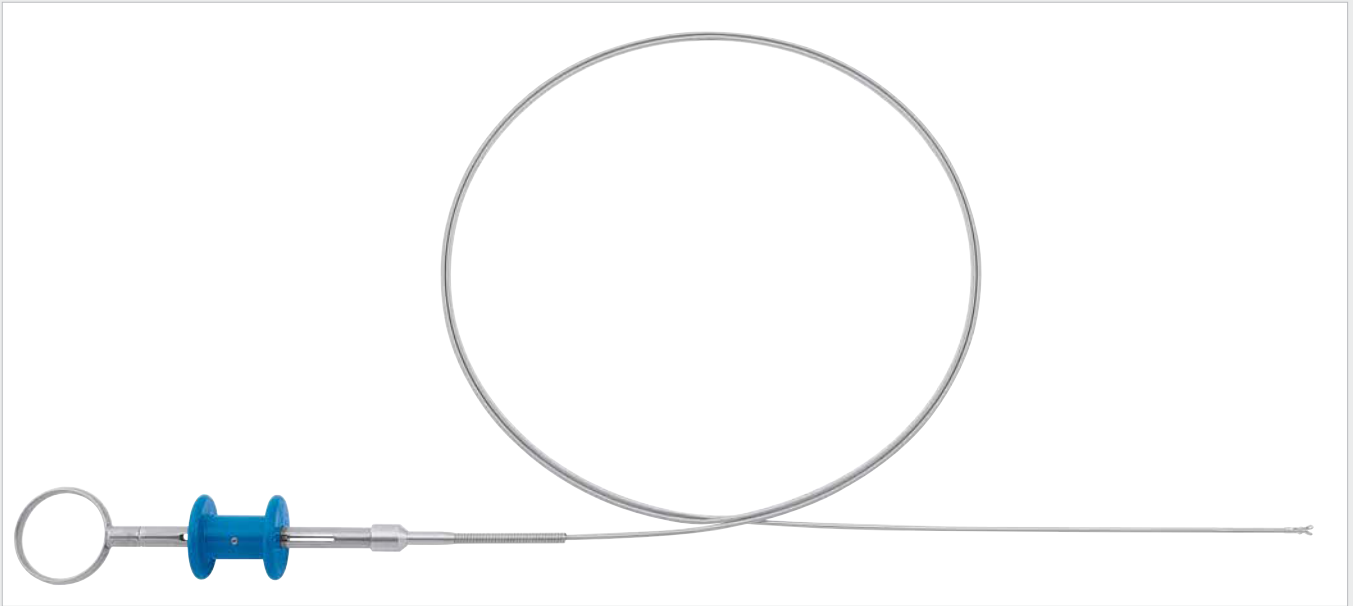




BRONCHOSCOPY

Instruments and
Equipment for
Bronchoscopy

BRONCHOSCOPY

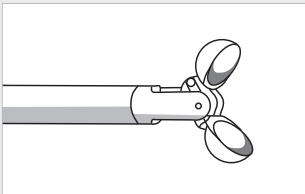


100-518-090 - 100-723-090

Flexible Biopsie- und Faßzangen, für flexible Endoskope, doppelbewegliche Maulteile, voll sterilisierbar

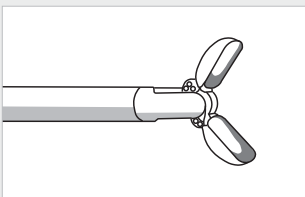
Flexible Biopsy- and Grasping forceps, for flexible Endoscopes, double-action jaws, totally autoclavable

Biopsiezange, runder Löffel/Biopsy forceps, round cup



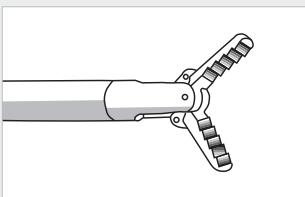
| | |
|-------------|-------------------|
| 100-501-075 | 750 mm, 1,0 mm ø |
| 100-518-090 | 900 mm, 1,8 mm ø |
| 100-523-090 | 900 mm, 2,3 mm ø |
| 100-518-120 | 1200 mm, 1,8 mm ø |
| 100-523-120 | 1200 mm, 2,3 mm ø |

Biopsiezange, ovaler Löffel/Biopsy forceps, oval cup

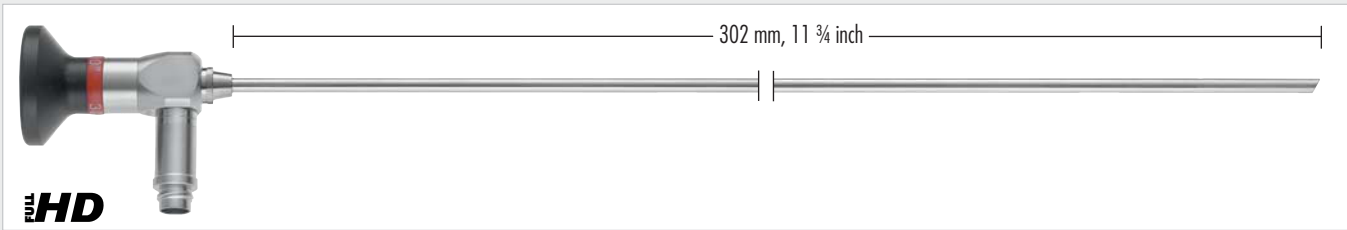


| | |
|-------------|-------------------|
| 100-601-075 | 750 mm, 1,0 mm ø |
| 100-618-090 | 900 mm, 1,8 mm ø |
| 100-623-090 | 900 mm, 2,3 mm ø |
| 100-618-120 | 1200 mm, 1,8 mm ø |
| 100-623-120 | 1200 mm, 2,3 mm ø |

Faßzange mit Hechtmaul/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 |

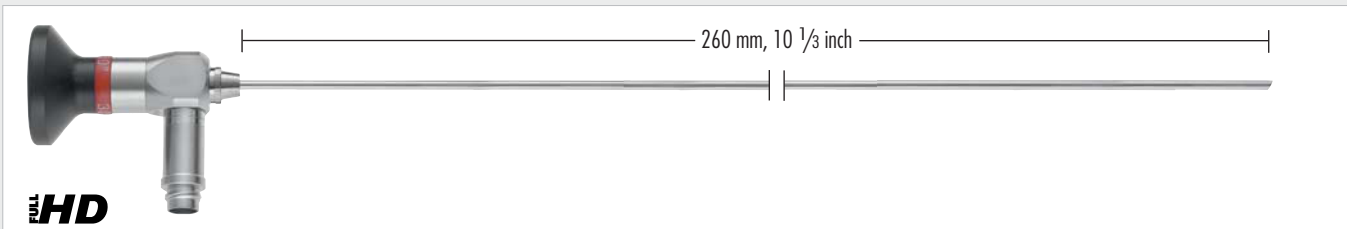


100-604-000

Bronchoskop, starr, 0°, \varnothing 4 mm, autoklavierbar, Nutzlänge 302 mm
Bronchoscope, rigid, 0°, \varnothing 4 mm, autoclavable, working length 11 $\frac{3}{4}$ inch

100-604-030

Bronchoskop, starr, 30°, 4 mm \varnothing , autoklavierbar, Nutzlänge 302 mm
Bronchoscope, rigid, 30°, 4 mm \varnothing , autoclavable, working length 11 $\frac{3}{4}$ inch

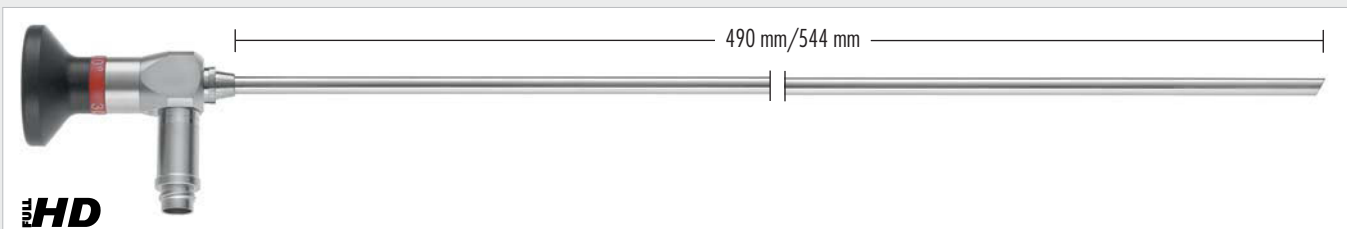


100-627-000

Bronchoskop, starr, 0°, \varnothing 2,7 mm, autoklavierbar, Nutzlänge 260 mm
Bronchoscope, rigid, 0°, \varnothing 2.7 mm, autoclavable, working length 10 $\frac{1}{3}$ inch

100-627-030

Bronchoskop, starr, 30°, \varnothing 2,7 mm, autoklavierbar, Nutzlänge 260 mm
Bronchoscope, rigid, 30°, \varnothing 2.7 mm, autoclavable, working length 10 $\frac{1}{3}$ inch



100-655-000 Nutzlänge 490 mm/working length 19 $\frac{1}{3}$ inch

100-655-100 Nutzlänge 544 mm/working length 21 $\frac{1}{3}$ inch

Bronchoskop, starr, 0°, \varnothing 5,5 mm, autoklavierbar
Bronchoscope, rigid, 0°, \varnothing 5.5 mm, autoclavable

100-655-030 Nutzlänge 490 mm/working length 19 $\frac{1}{3}$ inch

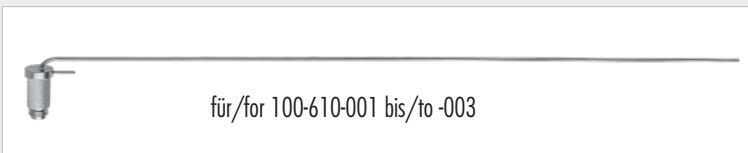
100-655-130 Nutzlänge 544 mm/working length 21 $\frac{1}{3}$ inch

Bronchoskop, starr, 30°, \varnothing 5,5 mm, autoklavierbar
Bronchoscope, rigid, 30°, \varnothing 5.5 mm, autoclavable

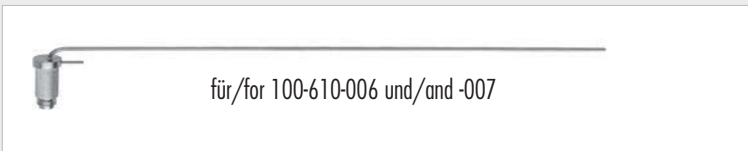


- | | | |
|-------------|--|----------|
| 100-610-001 | Erwachsene/adult 400 mm/15 3/4 inch | Ø 10 mm |
| 100-610-002 | Erwachsene, klein/adult, small 400 mm/15 3/4 inch | Ø 9.0 mm |
| 100-610-003 | Jugendliche/adolescent 400 mm/15 3/4 inch | Ø 8.0 mm |
| 100-610-006 | Kinder/children 300 mm/11 3/4 inch | Ø 7.0 mm |
| 100-610-007 | Kinder/children 300 mm/11 3/4 inch | Ø 6.5 mm |
| 100-610-008 | Kleinkinder/little children 275 mm/10 3/4 inch | Ø 5.4 mm |
| 100-610-009 | Säugling/Baby 275 mm/10 3/4 inch | Ø 4.1 mm |
| 100-610-013 | Säugling, Messing/Brass, Baby 275 mm/10 3/4 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



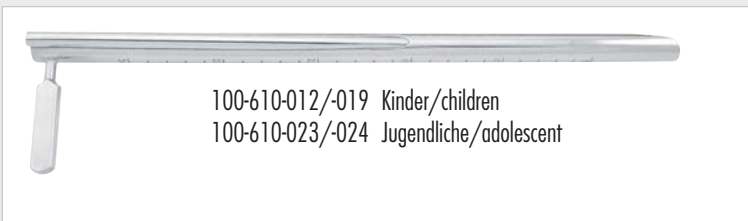
- 100-610-025
NEGUS
Kaltlichtträger für Bronchoskope, 400 mm
Fibre optic light carrier for bronchoscope, 15 3/4 inch



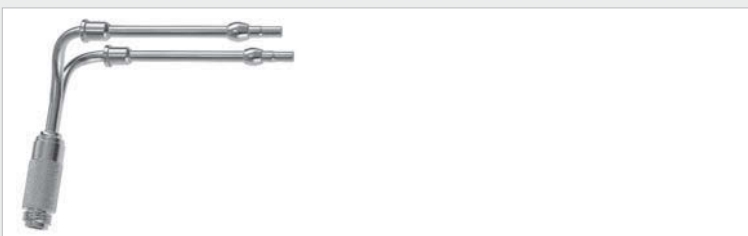
- 100-610-026
NEGUS
Kaltlichtträger für Bronchoskope, 300 mm
Fibre optic light carrier for bronchoscope, 12 inch



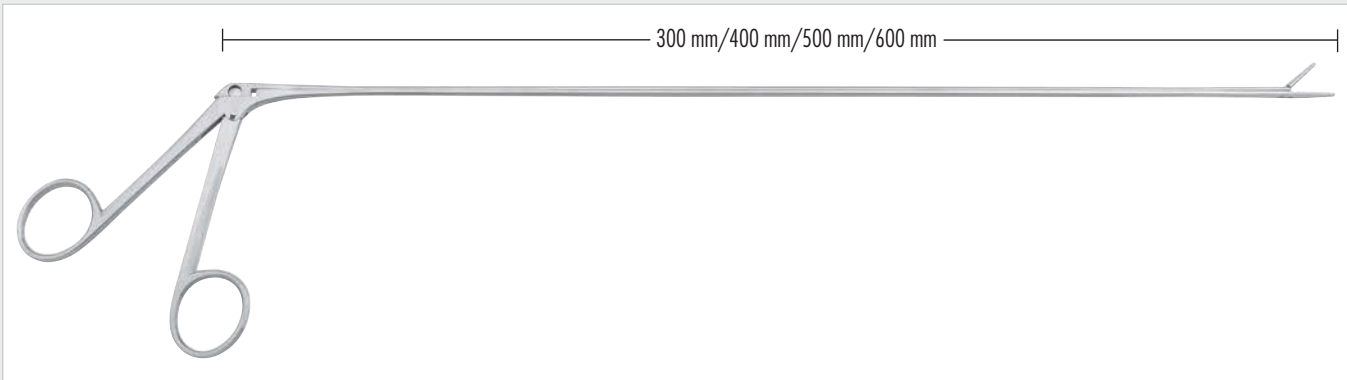
- | | |
|-------------|------------------------------------|
| 100-610-010 | 15,6 x 17,6 mm, 450 mm/17 3/4 inch |
| 100-610-011 | 13.6 x 15.6 mm, 350 mm/13 3/4 inch |
| 100-610-027 | 11.6 x 13.6 mm, 450 mm/17 3/4 inch |
- NEGUS**
Oesophagoskop, Erwachsene, rostfreier Stahl,
Oesophagoscope, adult, stainless steel



- | | |
|-------------|-----------------------------------|
| 100-610-012 | 8.0 x 10 mm, 350 mm/13 3/4 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 3/4 inch |
| 100-610-024 | 9.6 x 11.6 mm, 250 mm/10 inch |
- NEGUS**
Oesophagoskop, Kinder, rostfreier Stahl
Oesophagoscope, children, stainless steel

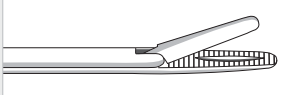
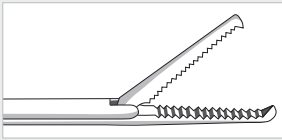
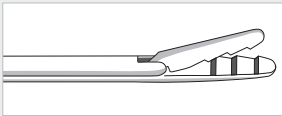
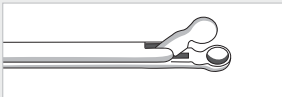
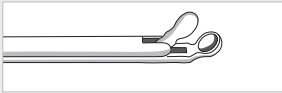
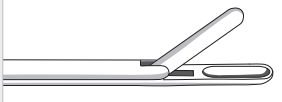
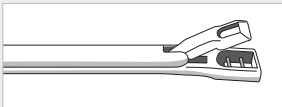
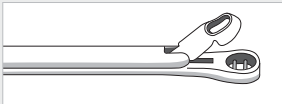


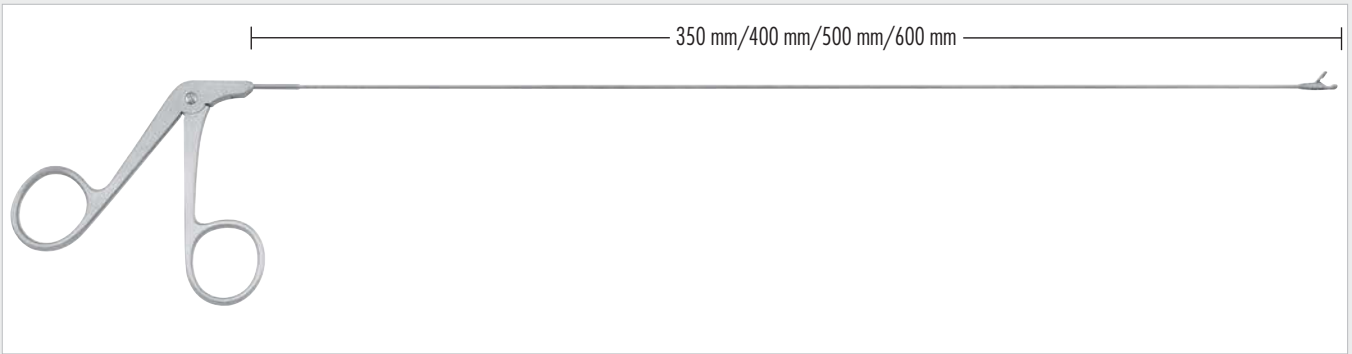
- | | |
|-------------|-------------------------------|
| 100-610-020 | Erwachsene/adult |
| 100-610-021 | Erwachsene, kurz/adult, short |
| 100-610-022 | Kinder/children |
- Kaltlichtträger, beidseitig, für Oeseophagoskop, 65 mm
Fibre optic light carrier, for use with oesophagoscope, 2 1/2 inch













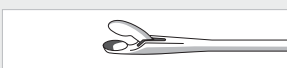


JACKSON

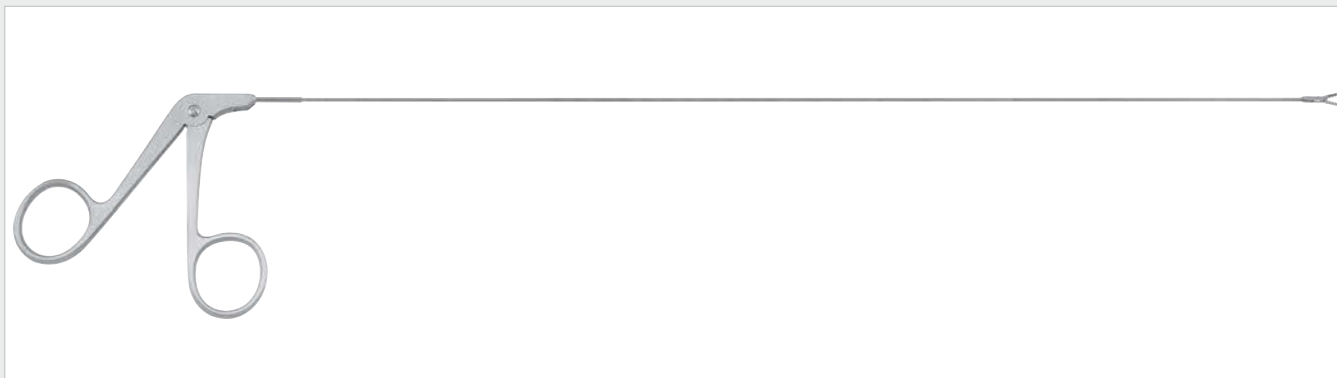
Broncho-Oesophagoskopie-Zangen und Biopsiezangen mit **Schieberschaft**, obere Maulteile beweglich
 Broncho-oesophagoscopic forceps and Biopsy forceps with **sliding-shaft**, upper jaws moveable

| | | 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 | ∅ 2 mm 100-750-304 ∅ 4 mm 100-750-305 | 100-750-404 100-750-405 | 100-750-504 100-750-505 | 100-750-604 100-750-605 |
|  | Löffelmaul aufgebogen Cupped jaws, upcurved | ∅ 2 mm 100-750-306 ∅ 4 mm 100-750-307 | 100-750-406 100-750-407 | 100-750-506 100-750-507 | 100-750-606 100-750-607 |
|  | 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 |



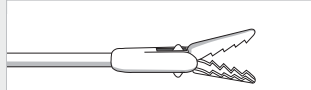
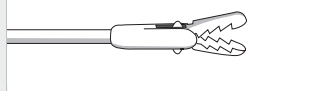
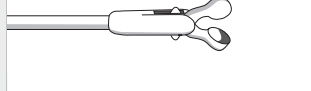
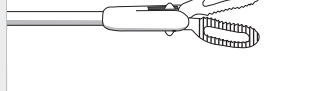
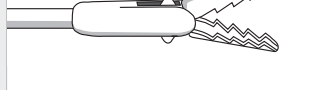



Laryngo-Broncho-Oesophagoskopiezangen, mit **Rohrschaft**
Broncho-Oesophagoscopic forceps, with **tubular shaft**

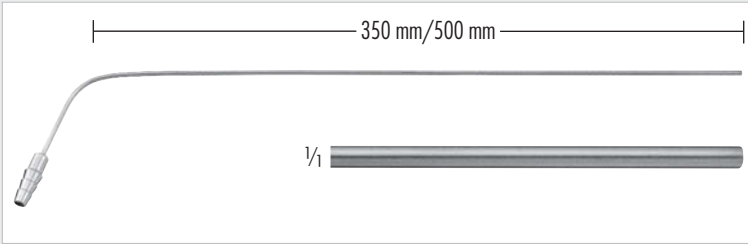
| | Schafftänge/shaft-length | Schaftstärke/shaft ø 2.5 mm | | | Kinder/children ø 1.5 mm |
|---|--|--------------------------------|------------------|------------------|-----------------------------|
| | | 400 mm/15 ¾ inch | 500 mm/19 ½ inch | 600 mm/23 ½ inch | 350 mm/13 ¾ inch |
|  | Stanzenmaul/Punch 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 | 100-720-310 |
|  | Löffelmaul, oval, gerade Cupped Forceps, oval, straight | 100-720-411 | 100-720-511 | 100-720-611 | 100-720-311 |
|  | 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

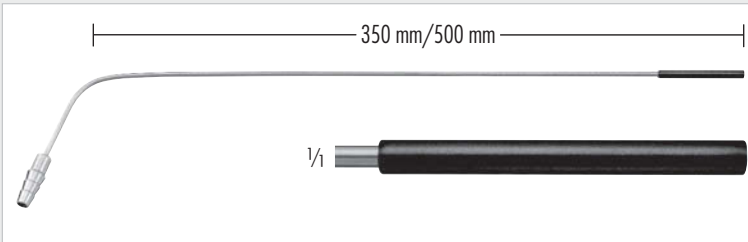
Bronchoskopiezangen, **Rohrschaft**, beide Maulteile beweglich
Bronchoscopy forceps, **tubular shaft**, double-action jaws

| | Schaft Ø/shaft Ø | | Schaftlänge/shaft-length | |
|---|------------------|----------------|--------------------------|------------------|
| | | 250 mm/10 inch | 350 mm/13 ¾ inch | 500 mm/19 ¾ inch |
|  <p>Fremdkörperzange mit Hechtmaul Foreign body forceps alligator jaws</p> | 2,0 mm | 100-720-001 | 100-720-011 | — |
|  <p>Universal Biopsie- und Faßzange Universal biopsy and grasping forceps</p> | 2,0 mm | 100-720-002 | 100-720-012 | — |
|  <p>Löffelzange, rund, gerade Biopsy cup forceps, straight, round cup</p> | 2,0 mm | 100-720-003 | 100-720-013 | — |
|  <p>Faßzange mit gefensterter Maul Grasping forceps with fenestrated jaws</p> | 2,0 mm | 100-720-004 | 100-720-014 | — |
|  <p>Fremdkörperzange mit Hechtmaul Foreign body forceps alligator jaws</p> | 2,5 mm | — | 100-720-021 | 100-720-031 |
|  <p>Universal Biopsie- und Faßzange Universal biopsy and grasping forceps</p> | 2,5 mm | — | 100-720-022 | 100-720-032 |
|  <p>Löffelzange, rund, gerade Biopsy cup forceps, straight, round cup</p> | 2,5 mm | — | 100-720-023 | 100-720-033 |
|  <p>Faßzange mit gefensterter Maul Grasping forceps with fenestrated jaws</p> | 2,5 mm | — | 100-720-024 | 100-720-034 |



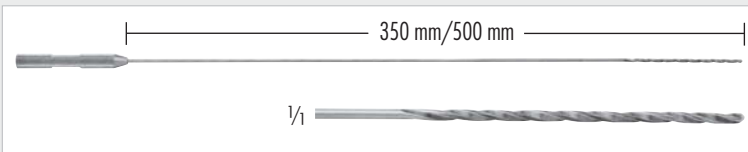
100-850-350
Saugrohr, 350 mm lang
Rigid suction tube, 13 3/4 inch long

100-850-500
Saugrohr, 500 mm lang
Rigid suction tube, 19 3/4 inch long



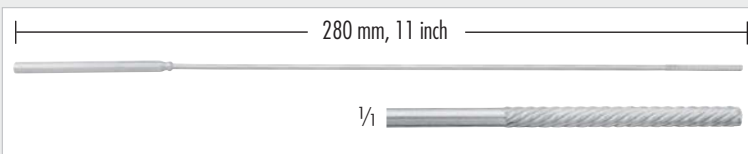
100-852-350
Saugrohr, mit flexibler Gummispitze, 350 mm lang
Rigid suction tube, with flexible rubber tip, 13 3/4 inch long

100-852-500
Saugrohr, mit flexibler Gummispitze, 500 mm lang
Rigid suction tube, with flexible rubber tip, 19 3/4 inch long

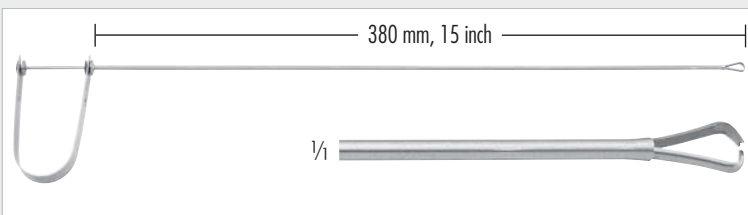


100-854-350
Watteträger, Nutzlänge 350 mm
Cotton carrier, working length 13 3/4 inch

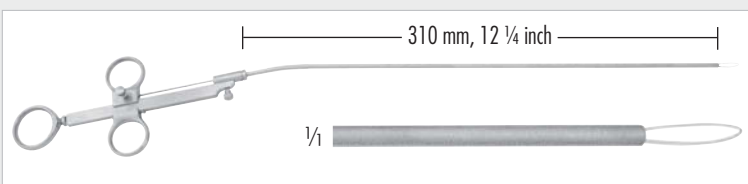
100-854-500
Watteträger, Nutzlänge 500 mm
Cotton carrier, working length 19 3/4 inch



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



100-868-101
Schnürerdraht, Bestelleinheit: PH=Packung á 100 Stück
Snare-wire, Sales unit: PH=Package of 100 pieces

HUBER Griff/Handle 100-754-000

| | |
|---------------------------------|------------------|
| Zugstange, gebogen/Rod, curved | |
| 100-754-021 | 200 mm/7 ¾ inch |
| 100-754-031 | 300 mm/11 ¾ inch |
| 100-754-041 | 400 mm/15 ¾ inch |
| Zugstange, gerade/Rod, straight | |
| 100-754-020 | 200 mm/7 ¾ inch |
| 100-754-030 | 300 mm/11 ¾ inch |
| 100-754-040 | 400 mm/15 ¾ 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

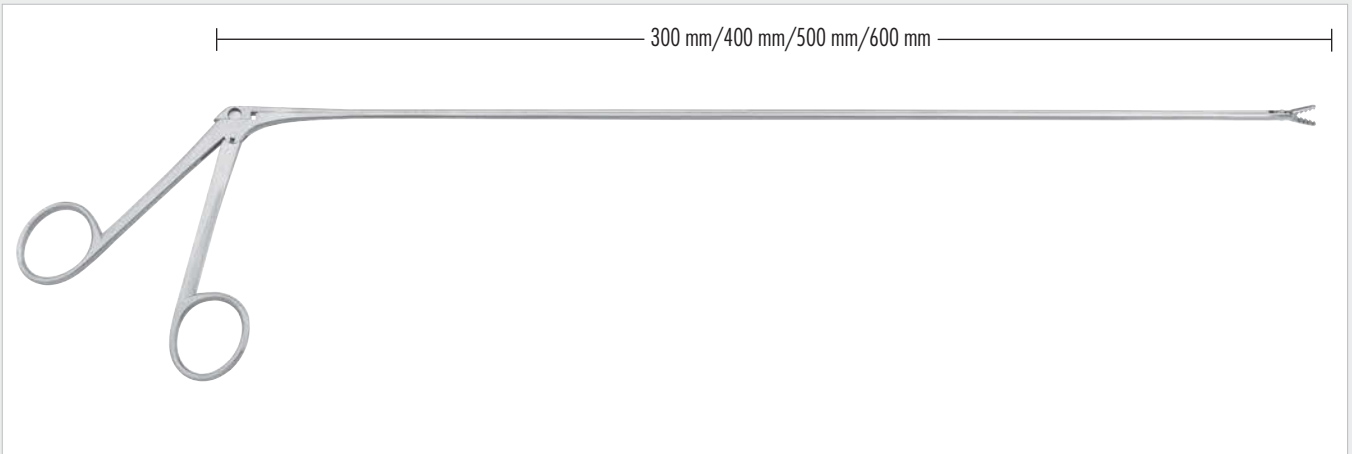
BRUENINGS Löffelzange, rund
Cupped Forceps, round
100-754-014 Size 1
100-754-004 Size 2
100-754-024 Size 3

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

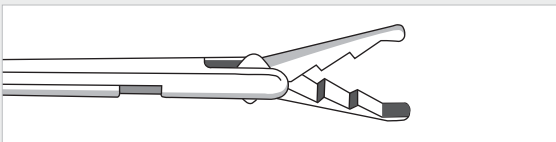
SCHUHMACHER
100-754-028 Biopsie Stanze, dreieckig,
mit ziehendem Schnitt
Biopsy punch, triangular,
with pull cutting

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

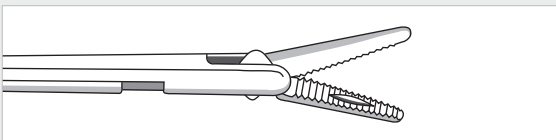


Hechtmaul/Alligator jaw

- 100-755-305
- 100-755-405
- 100-755-505
- 100-755-605

Länge/Length

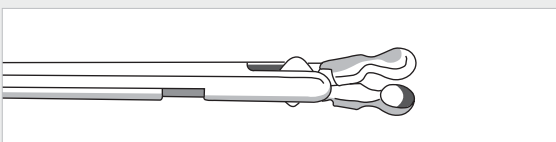
- 300 mm/11 ¾ inch
- 400 mm/15 ¾ inch
- 500 mm/19 ¾ inch
- 600 mm/23 ⅔ inch



Faßzange, gerieftes Maul/Grasping forceps, serrated jaw

- 100-755-304
- 100-755-404
- 100-755-504
- 100-755-604

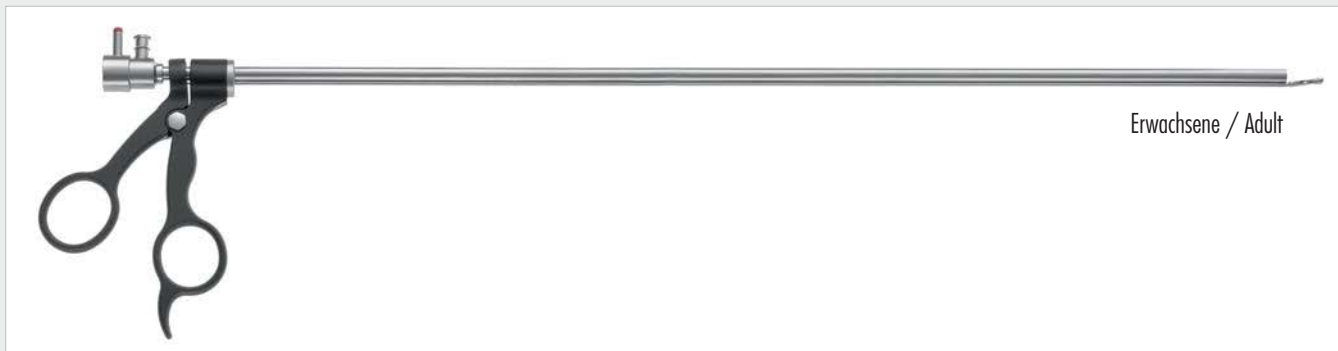
- 300 mm/11 ¾ inch
- 400 mm/15 ¾ inch
- 500 mm/19 ¾ inch
- 600 mm/23 ⅔ inch



Löffelzange/Cupped forceps

- 100-755-310
- 100-755-410
- 100-755-510
- 100-755-610

- 300 mm/11 ¾ inch
- 400 mm/15 ¾ inch
- 500 mm/19 ¾ inch
- 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



HD

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
Grasping Forceps



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



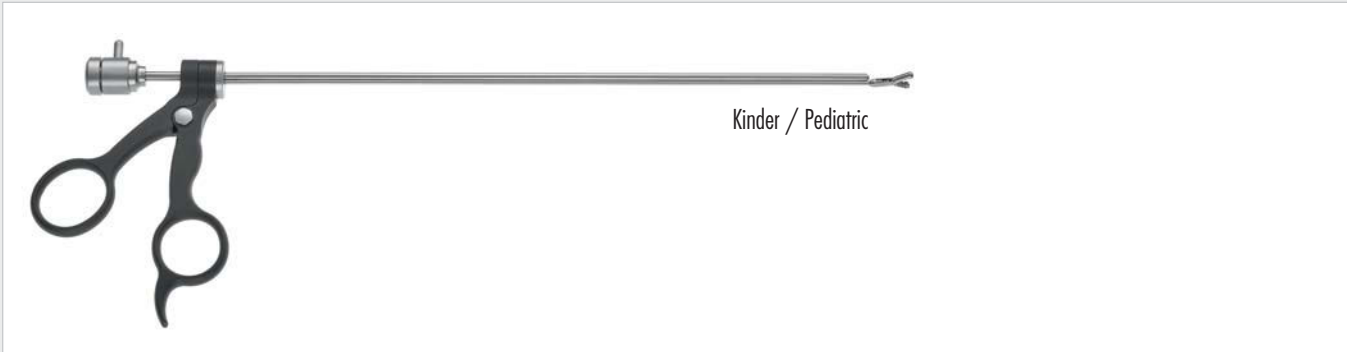
100-900-205 Schere, doppelbeweglich
Scissors, double action



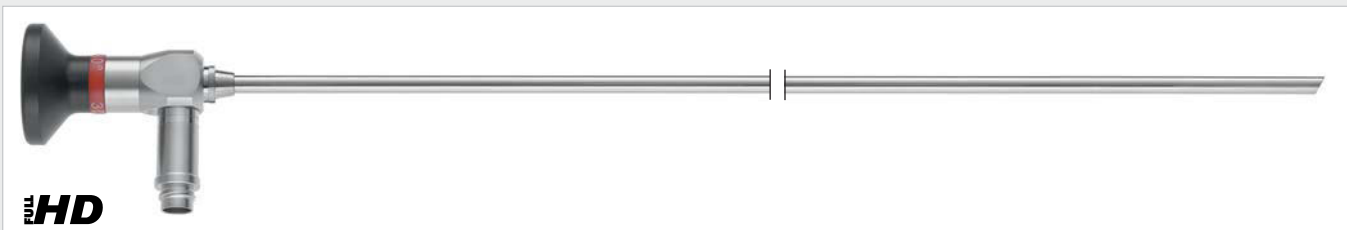
100-900-207 Fremdkörperzange
Foreignbody Forceps



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