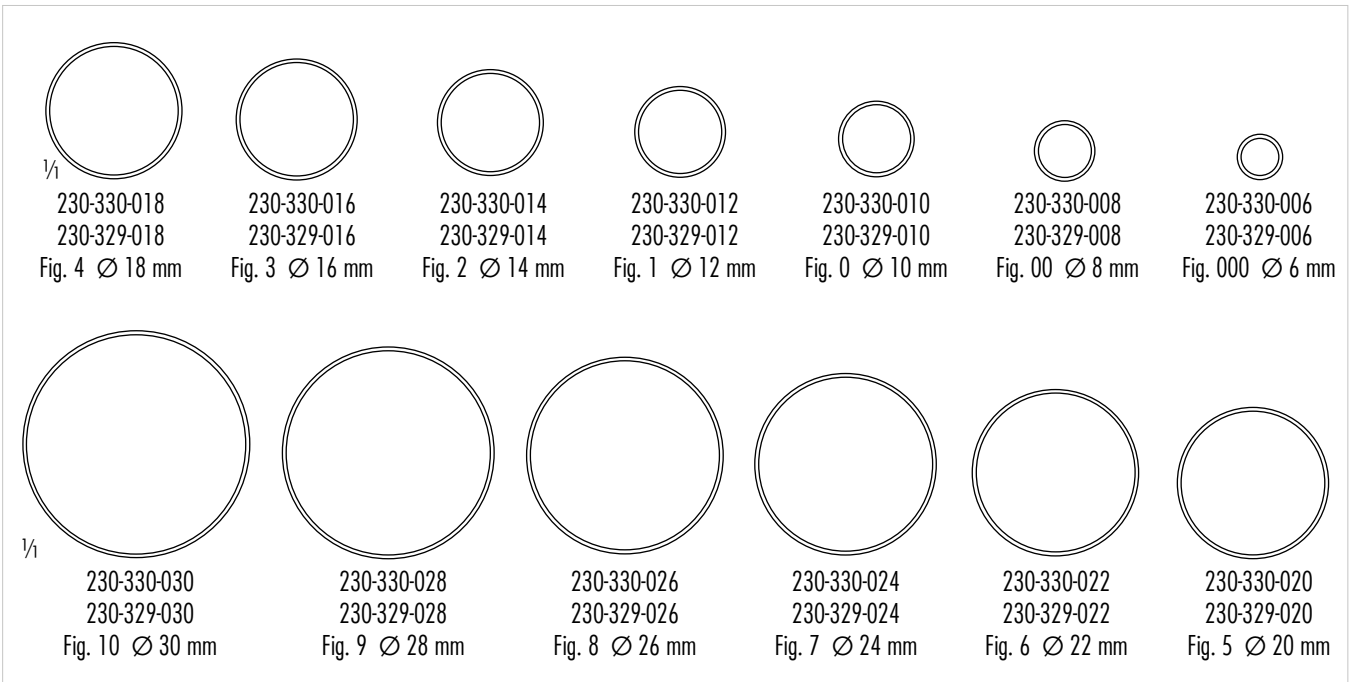




230-329-006 - 230-329-030
Kehlkopfspiegel, 120 mm
Laryngeal mirror, 4 1/2 inch



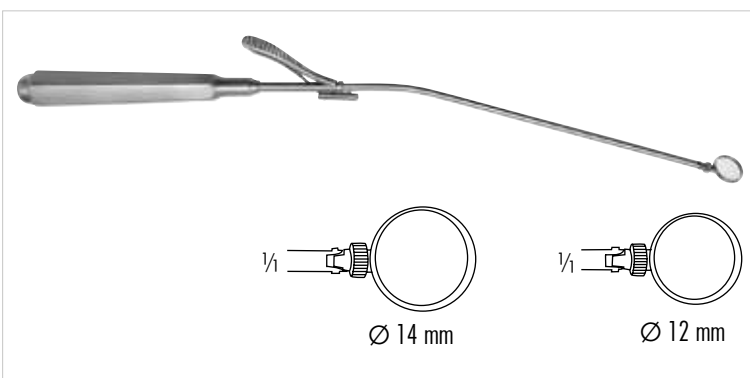
230-330-006 - 230-330-030
Kehlkopfspiegel mit Sechskantgriff, 180 mm
Laryngeal mirror with hexagonal handle, 7 inch



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



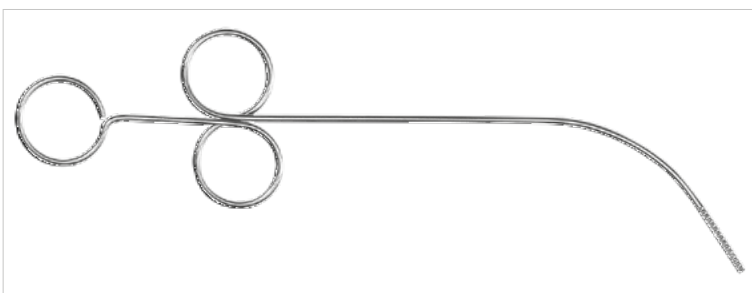
430-800-100
Kehlkopf-Zerstäuber mit Glaszylinder, 12 ml
Laryngeal-Atomizer with glass barrel, 12 ml



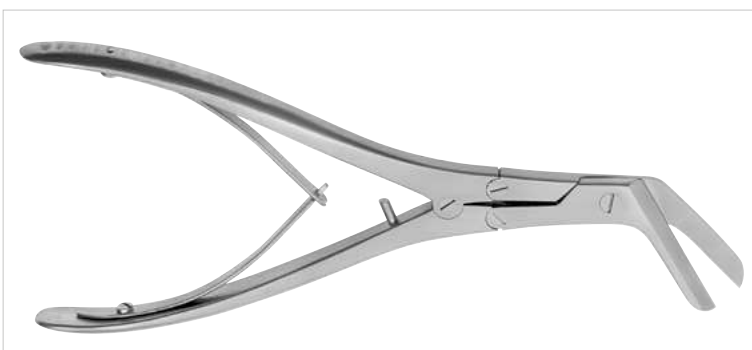
430-803-230
REICHERT
Kehldeckelhalter, 240 mm
Epiglottis retractor, 9 1/2 inch



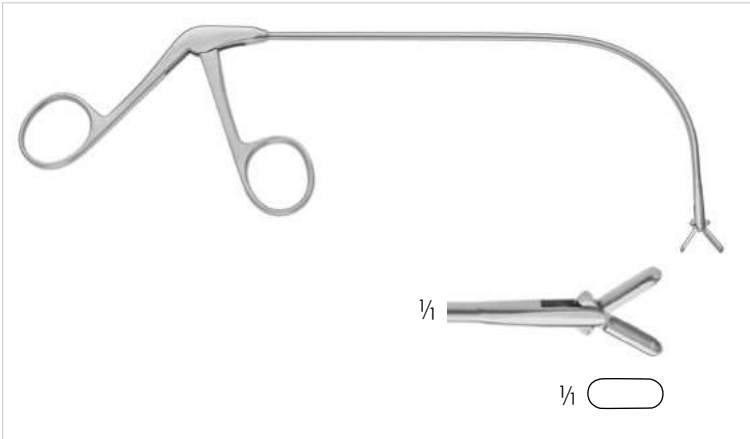
430-805-250
KILLIAN
Watteträger, 250 mm
Laryngeal applicator, 10 inch



160-495-280
FEIN
Watteträger, 280 mm
Laryngeal applicator, 11 inch



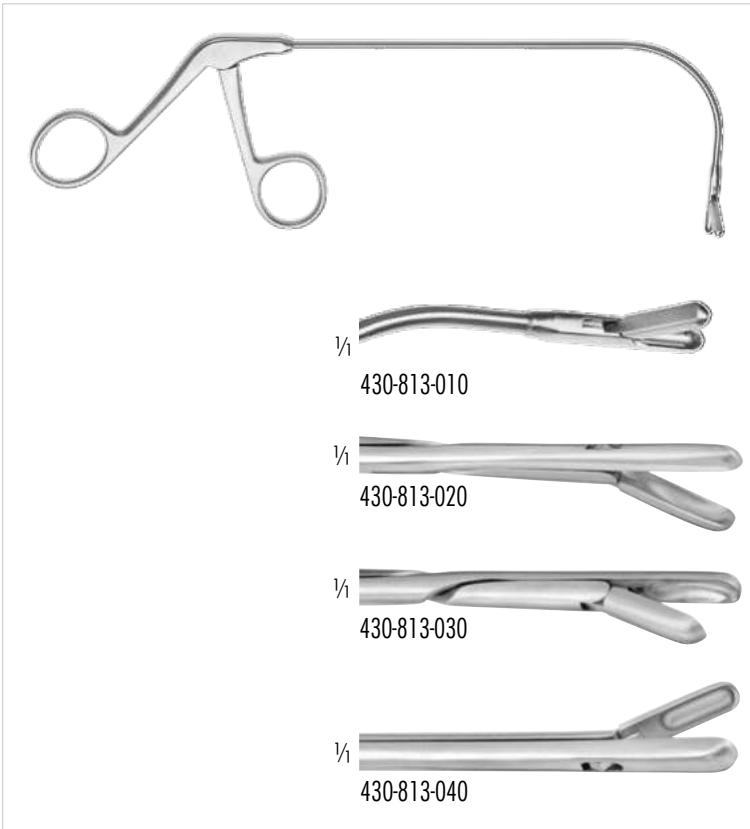
430-813-060
KILLIAN
Laryngo-Fissuren-Schere, 220 mm
Laryngotomy scissors, double action, 8 inch



430-813-050

FRAENKEL

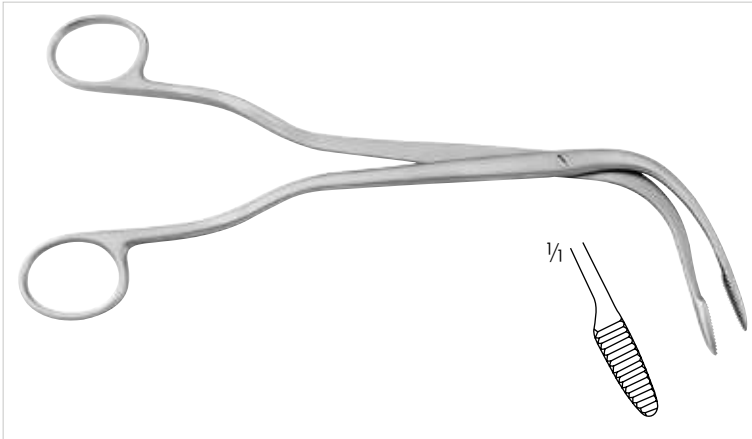
Kehlkopfzange, doppelseitig öffnend, länglich ovales Maul, 170 mm
Laryngeal forceps, both sides opening, longitudinal oval jaws, 6 3/4 inch



- 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



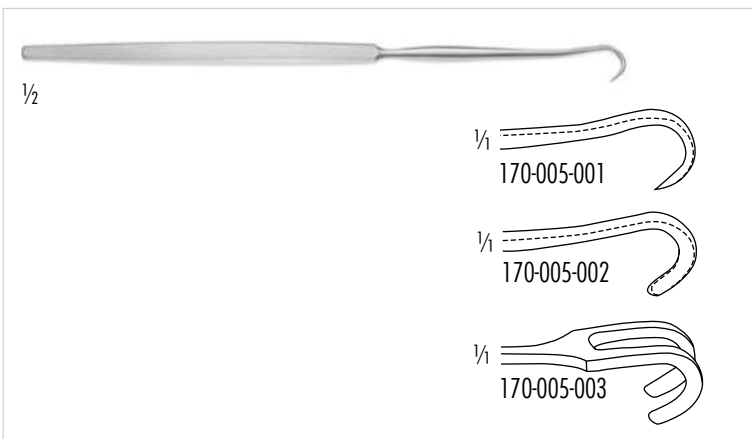
440-130-140
LABORDE
Trachealdilatator, 140 mm
Tracheal dilator, 5 1/2 inch



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, 160 mm
Tracheal retractor, sharp, 6 1/4 inch

170-005-002
Trachealhaken, stumpf, 160 mm
Tracheal hook, blunt, 6 1/4 inch

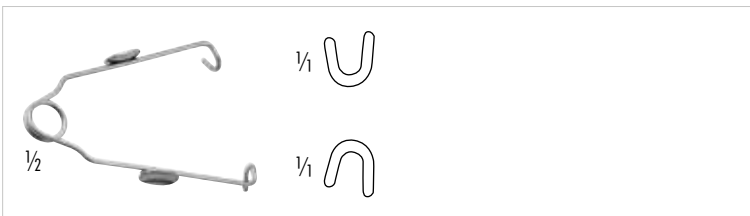
170-005-003
Trachealhaken, 2 Zähne, stumpf, 160 mm
Tracheal hook, 2 prongs, blunt, 6 1/4 inch



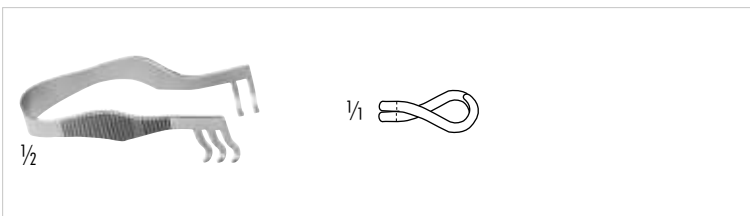
440-221-160
KOCHER
Kropf Sonde, mit Loch, 160 mm
Goitre director, with hole, 6 inch



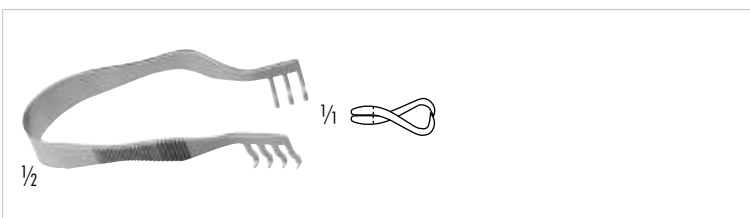
440-020-130 Ø 9,0 mm
440-021-130 Ø 7,5 mm
UCKERMANN
Trachealtrokar, 130 mm
Tracheal trocar, 5 inch



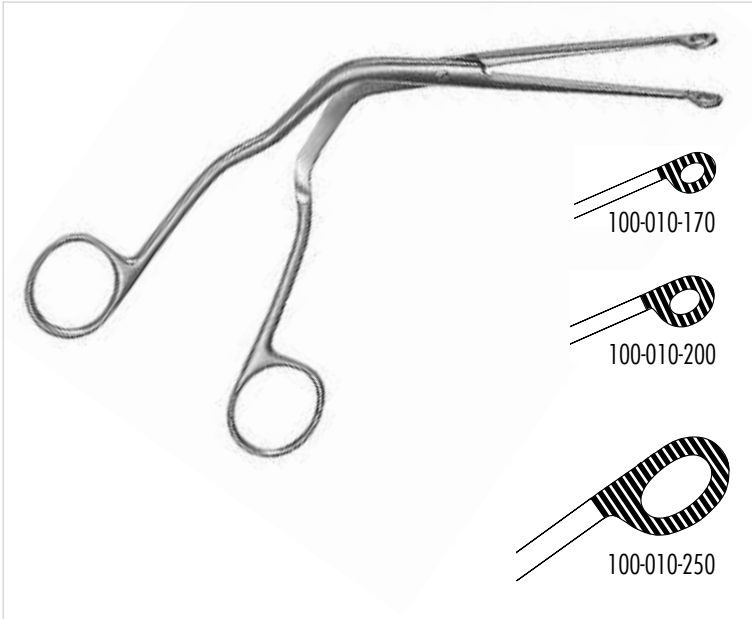
170-700-060
BOSE
Wundspreizer, 60 mm
Tracheal retractor, 2 3/8 inch



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



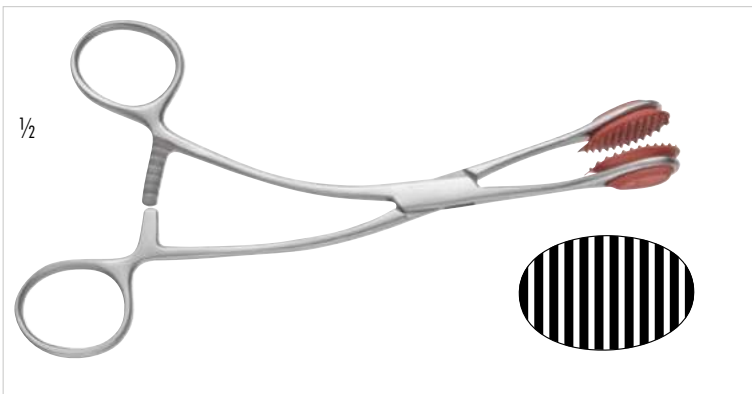
170-702-070 scharf/sharp
170-703-070 stumpf/blunt
FINSEN
Wundspreizer, 3 x 4 Zähne, scharf, 70 mm
Tracheal retractor, 3 x 4 teeth, sharp, 2 3/4 inch



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



- 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 Laryngoskopspatel
Warm-light laryngoscope blade



- 100-221-002 165 mm, Fig. 2

PHILLIPS

Warmlicht Laryngoskopspatel
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 Laryngoskopspatel mit LED Birne
Warm-light laryngoscope blade with LED lamp



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

Warmlichtgriff, groß, mit Glühbirne, ohne Batterien
Warm-light handle, large, with bulb, without batteries

100-251-000

Warmlichtgriff, klein mit Glühbirne, ohne Batterien
Warm-light handle, small, with bulb, without batteries

100-250-002

Warmlichtgriff, groß, mit Glühbirne, ohne Batterien,
Trafo-Anschluss für aufladbare Batterien
Warm-light handle, large, with bulb, without batteries
Trafo-connection for rechargeable battery



Warmicht Laryngoskop Set im Etui, mit Griff 100-250-000
 Warm-light laryngoscope set in Case, with Handle 100-250-000

MC INTOSH (English Model)

100-210-300
 5 Spatel/blades, Fig. 0 - 4

100-210-200
 4 Spatel/blades, Fig. 1 - 4

100-210-100
 3 Spatel/blades, Fig. 1 - 3

MILLER

100-212-300
 5 Spatel/blades, Fig. 0 - 4

100-212-200
 4 Spatel/blades, Fig. 1 - 4

100-212-100
 3 Spatel/blades, Fig. 2 - 4

FOREGGER

100-214-200
 5 Spatel/blades, Fig. 0 - 4

100-214-100
 4 Spatel/blades, Fig. 1 - 4



- 100-330-000 60 mm, Fig. 00
- 100-330-001 75 mm, Fig. 0
- 100-330-002 90 mm, Fig. 1
- 100-330-003 110 mm, Fig. 2
- 100-330-004 130 mm, Fig. 3
- 100-330-005 150 mm, Fig. 4
- 100-330-006 170 mm, Fig. 5

MC INTOSH (English Model)

Fiberoptik Layngoskopspatel
Fiberoptic laryngoscope blade



- 100-330-010 55 mm, Fig. 0
- 100-330-011 88 mm, Fig. 1
- 100-330-012 110 mm, Fig. 2
- 100-330-013 130 mm, Fig. 3
- 100-330-014 147 mm, Fig. 3.5
- 100-330-015 160 mm, Fig. 4

MC INTOSH (American Model)

Fiberoptik Layngoskopspatel
Fiberoptic laryngoscope blade



- 100-211-000 50 mm, Fig. 00
- 100-211-001 75 mm, Fig. 0
- 100-211-002 90 mm, Fig. 1
- 100-211-003 110 mm, Fig. 2
- 100-211-004 130 mm, Fig. 3
- 100-211-005 150 mm, Fig. 4

MC INTOSH

Fiberoptik Kaltlicht Layngoskopspatel
Fiberoptic cold-light laryngoscope blade



- 100-213-000 67 mm, Fig. 00
- 100-213-001 75 mm, Fig. 0
- 100-213-002 100 mm, Fig. 1
- 100-213-003 155 mm, Fig. 2
- 100-213-004 195 mm, Fig. 3
- 100-213-005 205 mm, Fig. 4

MILLER

Fiberoptik Kaltlicht Layngoskopspatel
Fiberoptic cold-light laryngoscope blade



- 100-215-000 75 mm, Fig. 00
- 100-215-001 92 mm, Fig. 0
- 100-215-002 115 mm, Fig. 1
- 100-215-003 130 mm, Fig. 2
- 100-215-004 160 mm, Fig. 3
- 100-215-005 190 mm, Fig. 4

FOREGGER

Kaltlicht Laryngoskopspatel
Cold-light laryngoscope blade



- 100-218-003 170 mm, Fig. 3
- 100-218-004 190 mm, Fig. 4

MC INTOSH

Kaltlicht Laryngoskopspatel mit flexibler Spitze
Cold-light laryngoscope blade with flexible tip



100-260-000

Halogen Ersatzlampe für Kaltlichtgriff
Halogen-Lamp for Cold-Light Handle



100-211-010

Kaltlichtgriff, groß, mit Xenon Lampe, ohne Batterien,
Trafo-Anschluss für aufladbare Batterien
Cold-Light handle, large, with Xenon bulb, without batteries
Trafo-connection for rechargeable battery

100-211-011

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

100-211-012

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

100-211-010

100-211-011

100-211-012



Kaltlicht Laryngoskop Set im Etui, mit Griff 100-211-010
Cold-light laryngoscope set in Case, with Handle 100-211-010

MC INTOSH (English Model)

100-211-300
5 Spatel/blades, Fig. 0 - 4

100-211-200
4 Spatel/blades, Fig. 1 - 4

100-211-100
3 Spatel/blades, Fig. 1 - 3

MILLER

100-213-300
5 Spatel/blades, Fig. 0 - 4

100-213-200
4 Spatel/blades, Fig. 1 - 4

100-213-100
3 Spatel/blades, Fig. 2 - 4

FOREGGER

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

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



HOLINGER

Complete with light carrier

| | | | |
|----------------------------------------|----------|-------|-------------|
| 90mm, 3" | Newborn | small | 100-510-000 |
| 120mm, 5" | Babies | small | 100-510-001 |
| 170mm, 6 ³ / ₄ " | Children | large | 100-510-002 |
| 180mm, 7" | Adult | large | 100-510-003 |

HOLINGER

Spare light carrier

| | |
|----------|-------------|
| Newborn | 100-510-100 |
| Babies | 100-510-101 |
| Children | 100-510-102 |
| Adult | 100-510-103 |



JACKSON

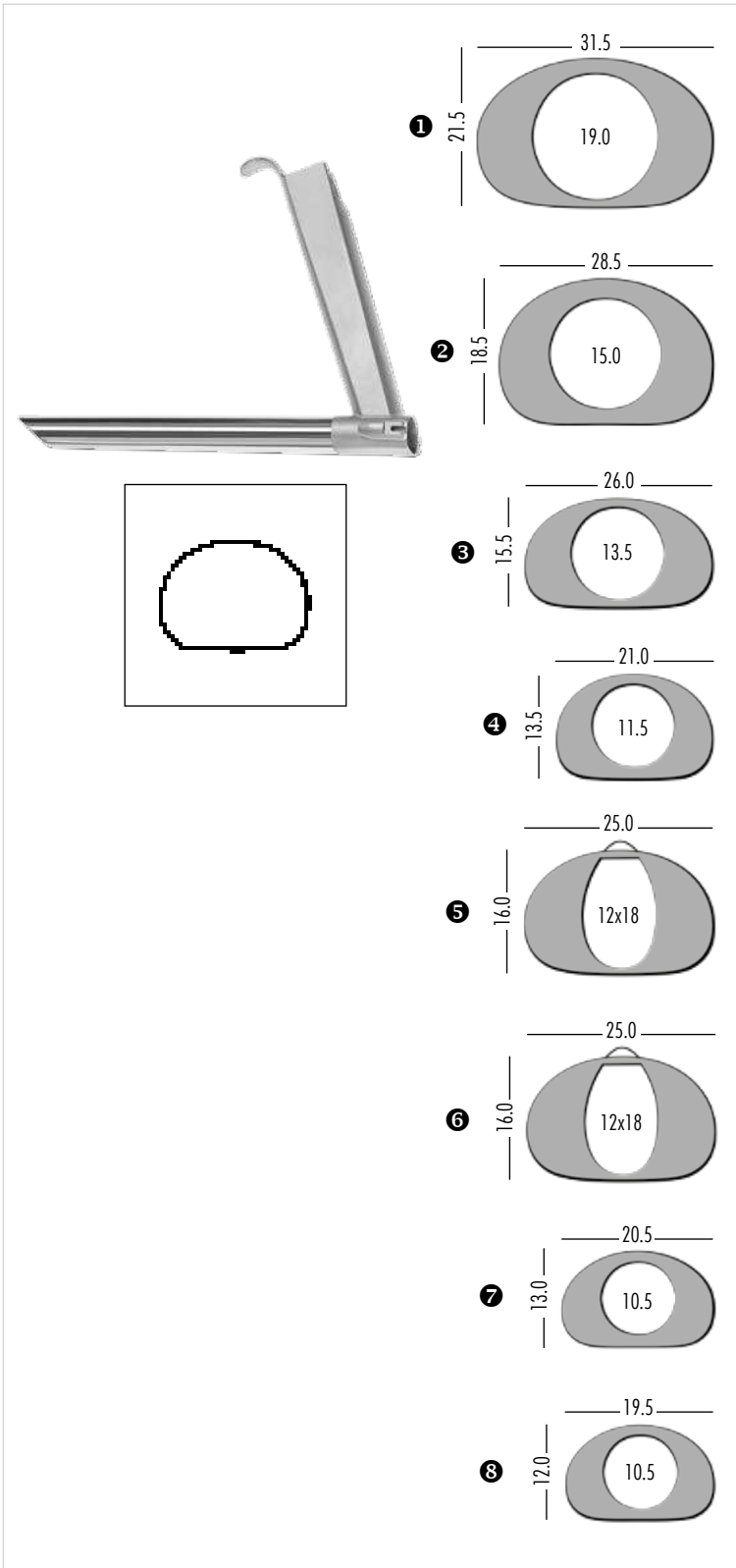
Complete with light carrier

| | | | |
|----------------------------------------|----------|-------|-------------|
| 90mm, 3" | Newborn | small | 100-505-000 |
| 125mm, 5" | Babies | small | 100-505-001 |
| 170mm, 6 ³ / ₄ " | Children | large | 100-505-002 |
| 180mm, 7" | Adult | large | 100-505-003 |

JACKSON

Spare light carrier

| | |
|----------|-------------|
| Newborn | 100-505-100 |
| Babies | 100-505-101 |
| Children | 100-505-102 |
| Adult | 100-505-103 |



- ➊ Adults, extra large
170mm, 6³/₄" 100-500-008

- ➋ Adults, extra large
170mm, 6³/₄" 100-500-005

- ➌ Adults, medium
170mm, 6³/₄" 100-500-004

- ➍ Adults, small
180mm, 7" 100-500-003

- ➎ Adults, medium, anterior
180mm, 7" 100-500-006

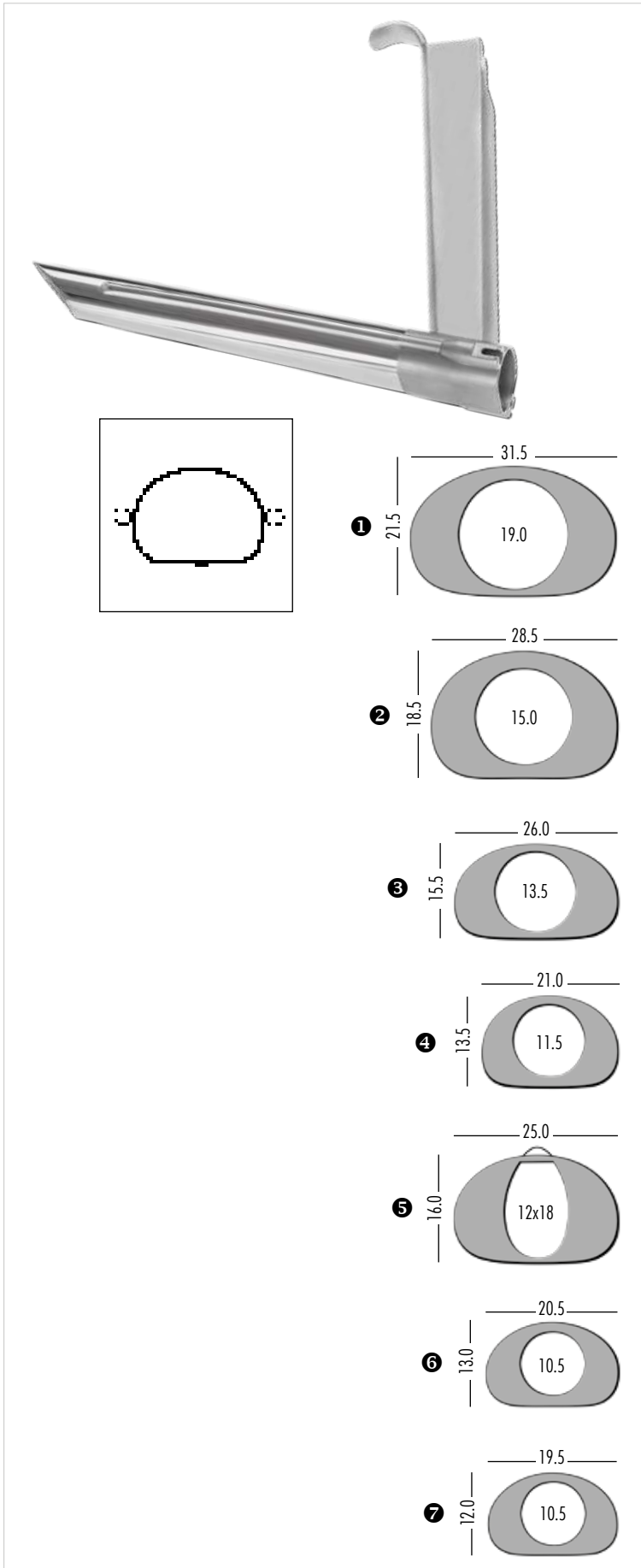
- ➏ Adults, medium, long neck
220mm, 9³/₄" 100-500-007

- ➐ Children, small
150mm, 6" 100-500-002

- ➑ Infant, small
130mm, 5" 100-500-001

KLEINSASSER
Operationslaryngoskop
Operation Laryngoscope

Suitable accessories:
Fiber Optic Light Carrier: page 24
Suction Tubes: page 25
Injection Cannulas: page 26
Light Clip: page 26



➊ Adults, extra large
170mm, 6³/₄" 100-500-537

➋ Adults, extra large
170mm, 6³/₄" 100-500-536

➌ Adults, medium
170mm, 6³/₄" 100-500-535

➍ Adults, small
180mm, 7" 100-500-534

➎ Adults, medium, anterior
180mm, 7" 100-500-533

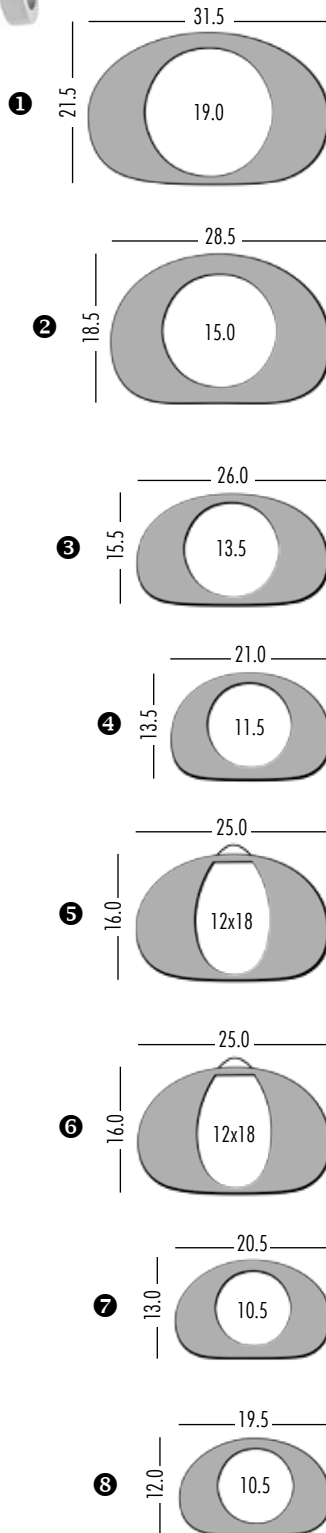
➏ Children, small
150mm, 6" 100-500-532

➐ Infant, small
130mm, 5" 100-500-531

KLEINSASSER-LASER

Operationslaryngoskop
Operation Laryngoscope

Suitable accessories:
Fiber Optic Light Carrier: page 24
Suction Tubes: page 25



1 Adults, extra large

170mm, 6³/₄" 100-500-208

2 Adults, extra large

170mm, 6³/₄" 100-500-205

2 Adults, medium

170mm, 6³/₄" 100-500-204

4 Adults, small

180mm, 7" 100-500-203

5 Adults, medium, anterior

180mm, 7" 100-500-206

6 Adults, medium, long neck

220mm, 9³/₄" 100-500-207

7 Children, small

150mm, 6" 100-500-202

8 Infant, small

130mm, 5" 100-500-201

Operationslaryngoskop, spreizbar
Operation Laryngoscope, spreadable

Suitable accessories:

Fiber Optic Light Carrier: page 24

Suction Tubes: page 25

Injection Cannulas: page 26

Light Clip: page 26



1 Adults, extra large

180mm, 7" 100-500-583

2 Adolescent/adults

180mm, 7" 100-500-582

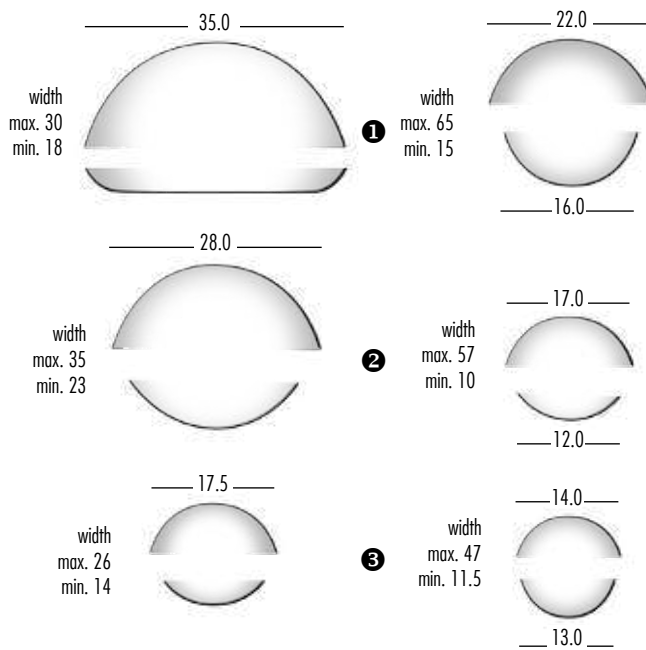
2 Children, small

135mm, 5^{1/3}" 100-500-581

Operationslaryngoskop, spreizbar
Operation Laryngoscope, spreadable

PROXIMAL

DISTAL

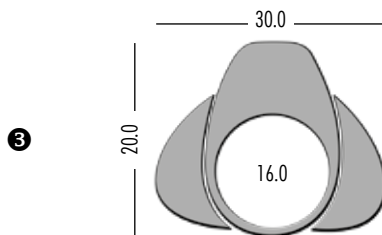
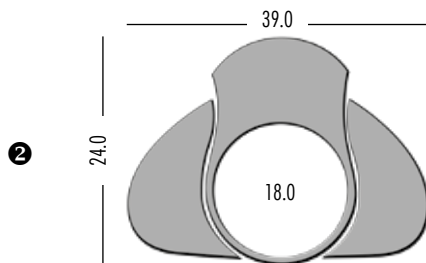
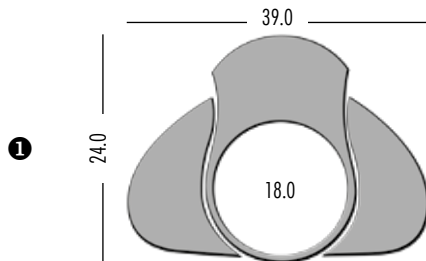


Suitable accessories:

Fiber Optic Light Carrier: page 24

Suction Tubes: page 25

Injection Cannulas: page 26



① Adults, large

150mm, 6" 100-500-555

② Adults, large

170mm, 6³/₄" 100-500-554

③ Children, small

110mm, 4¹/₄" 100-500-553

KLEINSASSER, L.

Operationslaryngoskop

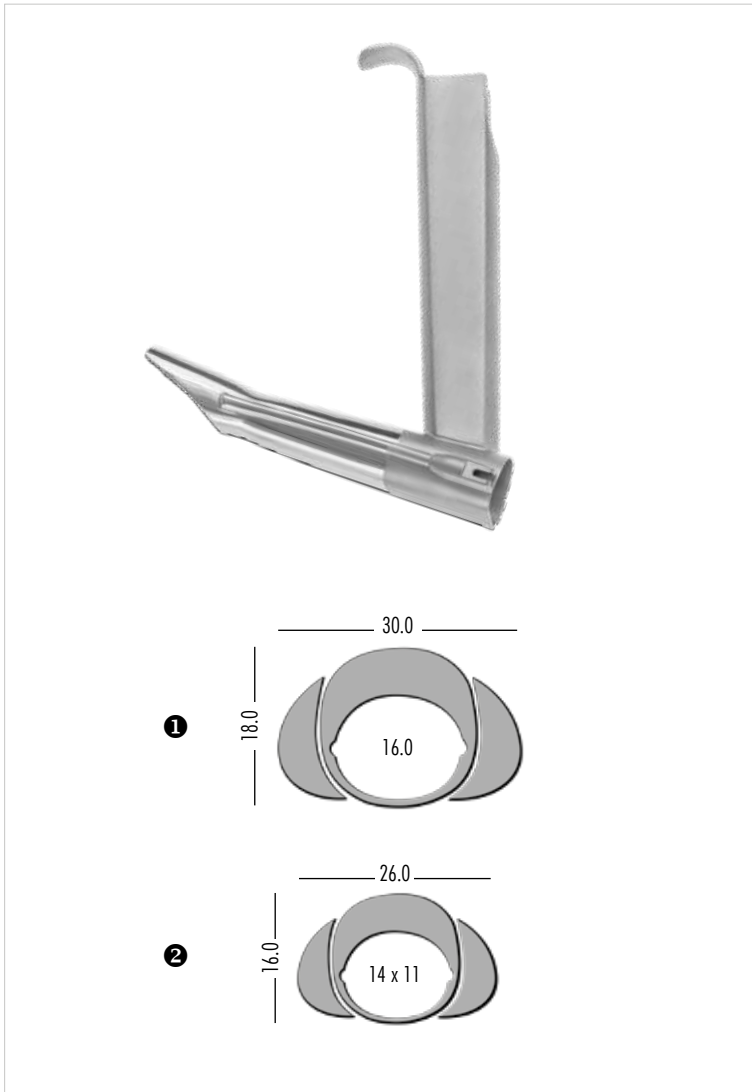
Operation Laryngoscope

Suitable accessories:

Fiber Optic Light Carrier: page 24

Suction Tubes: page 25

Injection Cannulas: page 26



① Children

115mm, 4 1/2" 100-500-552

② Infant

95mm, 3 3/4" 100-500-551

KLEINSASSER, B-L.

Operationslaryngoskop
Operation Laryngoscope

Suitable accessories:

Fiber Optic Light Carrier: page 24

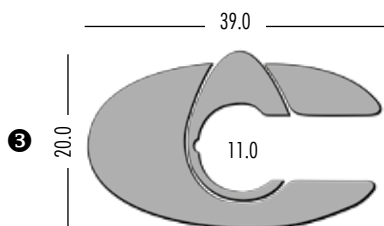
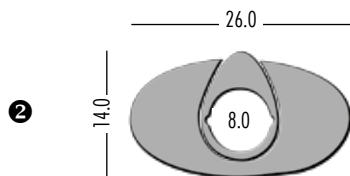
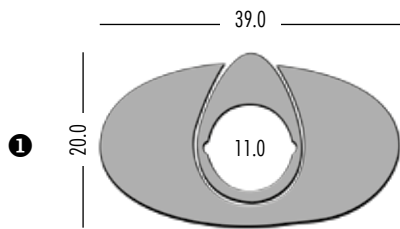
Suction Tubes: page 25

Injection Cannulas: page 26

KLEINSASSER, B.



KLEINSASSER, B.-P.



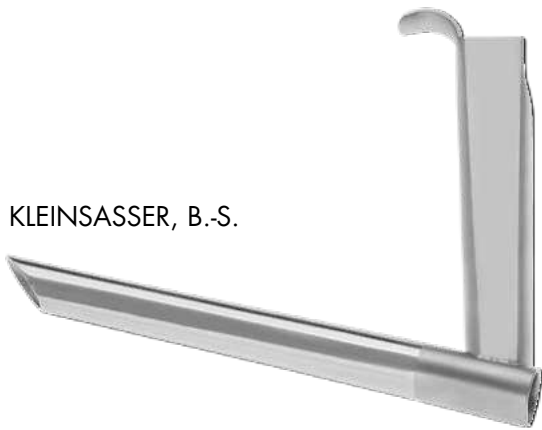
❶ Kleinsasser, B., children, medium
150mm, 6" 100-500-564

❷ Kleinsasser, B., children, small
115mm, 4 1/2" 100-500-563

❸ Kleinsasser, B.-P., children, medium
150mm, 6" 100-500-562

KLEINSASSER, B.
KLEINSASSER, B.-P.
Operationslaryngoskop
Operation Laryngoscope

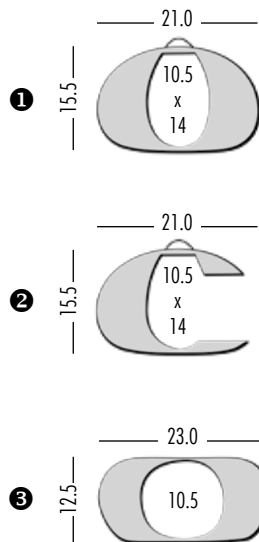
Suitable accessories:
Fiber Optic Light Carrier: page 24
Suction Tubes: page 25



KLEINSASSER, B.-S.



KLEINSASSER, B.-P.-S.



① Kleinsasser, B.-S., adult, slender

170mm, 6³/₄" 100-500-573

② Kleinsasser, B.-P.-S., adult, slender

170mm, 6³/₄" 100-500-572

③ Kleinsasser, B.-S., adult, extra-slender

170mm, 6³/₄" 100-500-571

KLEINSASSER, B.-S.
KLEINSASSER, B.-P.-S.
Operationslaryngoskop
Operation Laryngoscope

Suitable accessories:

Injection Cannulas: page 26

Light Clip: page 26



| | | |
|--------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| 75mm/3" working length for 100-500-001/100-500-002 100-500-201/100-500-202 | 100-500-019 | Page 16,18 |
| 140mm/5 ¹ / ₂ " working length for 100-500-003 - 100-500-008 100-500-203 - 100-500-208 | 100-500-020 | Page 16,18 |

Lichtträger
Fiber Optic Light Carrier



| | | |
|---------------------------------------------------------------------------------------|-------------|------------|
| 120mm/4 ³ / ₄ " working length for 100-500-531 | 100-500-538 | Page 17 |
| 140mm/5 ¹ / ₂ " working length for 100-500-532 | 100-500-539 | Page 17 |
| 160mm/6 ¹ / ₄ " working length for 100-500-533 - 100-500-537 | 100-500-540 | Page 17 |

Lichtträger
Fiber Optic Light Carrier



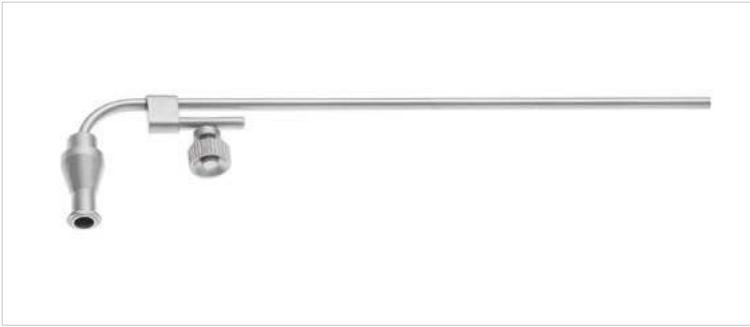
| | | |
|---------------------------------------------------------------------------------------|-------------|------------|
| 120mm/4 ³ / ₄ " working length for 100-500-583 / 100-500-582 | 100-500-584 | Page 19 |
| 100mm/4" working length for 100-500-581 | 100-500-585 | Page 19 |

Lichtträger
Fiber Optic Light Carrier



| | | |
|---------------------------------------------------------------------------------------|-------------|------------|
| 65mm/2 ¹ / ₂ " working length for 100-500-563 | 100-500-556 | Page 22 |
| 75mm/3" working length for 100-500-553 - 100-500-555 | 100-500-557 | Page 20 |
| 120mm/4 ³ / ₄ " working length for 100-500-562 / 100-500-564 | 100-500-538 | Page 22 |

Lichtträger
Fiber Optic Light Carrier



| | | |
|------------------------------------------------------------------------------------|-------------|------------|
| 90mm/3 ¹ / ₂ " working length for 100-500-001/100-500-002 | 100-500-080 | Page 16 |
| 125mm/5" working length for 100-500-003/100-500-008 | 100-500-075 | Page 16 |

Saugrohr, Ø 3mm
Suction Tube Ø 3mm



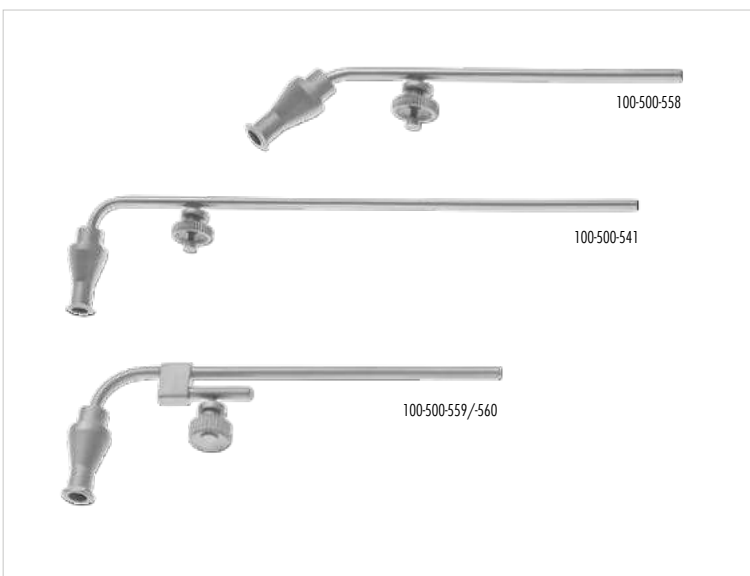
| | | |
|---------------------------------------------------------------------------------------|-------------|------------|
| 120mm/4 ³ / ₄ " working length for 100-500-531 | 100-500-541 | Page 17 |
| 140mm/5 ¹ / ₂ " working length for 100-500-532 | 100-500-542 | Page 17 |
| 160mm/6 ¹ / ₄ " working length for 100-500-533 - 100-500-537 | 100-500-543 | Page 17 |

Saugrohr
Suction Tube



| | | |
|-------------------------------------------------------------------------|-------------|------------|
| 100mm/4" working length for 100-500-583 / 100-500-582 | 100-500-586 | Page 19 |
| 120mm/4 ³ / ₄ " working length for 100-500-581 | 100-500-587 | Page 19 |

Saugrohr
Suction Tube



| | | |
|---------------------------------------------------------------------------------------|-------------|------------|
| 65mm/2 ¹ / ₂ " working length for 100-500-552 / 100-500-551 | 100-500-558 | Page 21 |
| 70mm/2 ³ / ₄ " working length for 100-500-553 | 100-500-559 | Page 20 |
| 85mm/3 ¹ / ₄ " working length for 100-500-555 / 100-500-554 | 100-500-560 | Page 20 |
| 120mm/4 ³ / ₄ " working length for 100-500-562 / 100-500-564 | 100-500-541 | Page 22 |

Saugrohr
Suction Tube



| | | |
|-------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| 85mm/3 ¹ / ₄ " working length for 100-500-001 - 100-500-008 100-500-201 - 100-500-208 | 100-500-050 | Page 16,18 |
|-------------------------------------------------------------------------------------------------------------------|-------------|---------------|

Injektionskanüle
Injection Cannula



| | | |
|----------------------------------------------------------------------------------|-------------|------------|
| 70mm/2 ³ / ₄ " working length 100-500-583 / 100-500-582 | 100-500-588 | Page 19 |
|----------------------------------------------------------------------------------|-------------|------------|

Injektionskanüle
Injection Cannula



| | | |
|--------------------------------------------------------------------------------------|-------------|------------|
| 85mm/3 ¹ / ₄ " working length for 100-500-553 - 100-500-555 | 100-500-561 | Page 20 |
|--------------------------------------------------------------------------------------|-------------|------------|

Injektionskanüle
Injection Cannula



| | | |
|---------------------------------------------------------------|-------------|------------|
| 135mm/5 ¹ / ₄ " working length Ø 2mm | 100-500-574 | Page 23 |
| 135mm/5 ¹ / ₄ " working length Ø 3mm | 100-500-575 | Page 23 |

Injektionskanüle, biegsam
Injection Cannula, malleable



| | | |
|--|-------------|-----------------------|
| | 100-500-576 | Page 16, 18, 23 |
|--|-------------|-----------------------|

Licht Clip
Light Clip



Chest Support, complete, for Operating Laryngoscopes

| | | | |
|-----------------------------------------|-------|----------|-------------|
| 240mm, 9 ¹ / ₂ " | Ø95mm | Children | 100-500-101 |
| 340mm, 13 ¹ / ₂ " | Ø95mm | Adult | 100-500-100 |



Support Rod, with ring

| | | | |
|-----------------------------------------|-------|----------|-------------|
| 240mm, 9 ¹ / ₂ " | Ø95mm | Children | 100-500-111 |
| 340mm, 13 ¹ / ₂ " | Ø95mm | Adult | 100-500-113 |



Joint for Chest Support

100-500-110



LEWY

Chest Support, for Operating Laryngoscopes

340mm, 13¹/₂"

Adult

100-500-102



Supporting Table for Chest Support, complete set

100-500-150



Laryngoscope Handle, detachable, for LEWY Chest Support and Operating Laryngoscopes

100-512-000



Chest Support, complete, for Operating Laryngoscopes

340mm, 13¹/₂" Ø90mm

100-500-200



Support rod only, for Operating Laryngoscopes

340mm, 13¹/₂" Ø90mm

100-500-210



Chest Support, complete with 2 lateral screws,
for Operating Laryngoscopes

340mm, 13¹/₂" ∅120mm

100-500-400



Support rod

340mm, 13¹/₂" ∅120mm

100-500-410



Joint for Breast Support

100-500-420

**100-500-310**

Rhino-Pharyngoskop
mit Quarzglasbildbündelsystem,
ca 2-3 µm Pixelgröße, 7000 Pixel

Parameter/Technische Daten:

- hohe Auflösung
- hervorragende Bedienungseigenschaften
- größere Helligkeit

| | |
|---------------------------------------|------------------|
| Arbeitslänge | max. 300 mm |
| ∅ im Bereich der Arbeitslänge | 3,8 mm |
| 2-fach abwinkelbare Spitze | auf 160° ab 160° |
| Länge der abwinkelbaren Spitze | 20 mm |
| minimaler Biegeradius | 30 mm |
| Blickrichtung | 0° |
| Bildwinkel | 85° |
| Fokussierung | 3 - 60 mm |
| im Koffer mit Zubehör, u.a. Manometer | |

Rhino-Pharyngoscope
with fused silica image guide system,
ca. 2-3 µm pixel size, 7000 pixels

Parameter/Technical Data:

- high resolution
- excellent pushing characteristics
- higher illumination

| | |
|-----------------------------------------|--------------------|
| working length | max. 300 mm |
| outer ∅ | 3,7 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 | 3,4 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 ∅ | 3.4 mm |
| 2-way tip-deflection | up 125°, down 125° |
| length of movable tip-section | 25 mm |
| minimal bending radius | 30 mm |
| viewing direction | 0° |
| field of view | wide angle |
| focussion | 3 mm to infinity |
| in case with accessories a.o. Manometer | |



100-500-385

Die Rhino-Pharyngoskope der neuen Generation sind intuitiv bedienbar und ergonomisch optimal geformt, entwickelt für die notwendige Feinfühligkeit im täglichen Routineeinsatz und ein ermüdungsfreies Handling. Hochwertige Bildleiter und ein leistungsfähiges optisches System liefern große und helle Bilder bester Auflösung – die Voraussetzung für eine sichere Diagnose und Therapie.

Dank solider Verarbeitung und konsequenter Verwendung moderner Hochleistungswerkstoffe sind Rhino-Pharyngoskope robuster und langlebiger – trotz steigender Belastung durch moderne Aufbereitungsverfahren. Funktionelles Design für ein entspanntes, angenehmes Handling, feinfühlig aber robuste Steuerung.

Optimale Flexibilität und Torsionssteifigkeit des Einführschachts, leistungsfähiges optisches System, größere, hellere, schärfere Bilder.

Geeignete Wiederaufbereitungsverfahren:

- einlegbar in Reinigungs- und Desinfektionslösung
- STERRAD®
- STERIS®
- ETO
- maschinelle Aufbereitung (RDG-E)

Rhino-Pharyngoskop **mit Arbeitskanal** und ETO-Ventil
18.000 pixel

| | |
|------------------|-------------|
| Einführschlauch: | 4,0 mm |
| Arbeitslänge: | 320 mm |
| Abwinklung: | auf/ab 130° |
| Blickfeld: | 80° |
| Tiefenschärfe: | 1-50 mm |

Zubehör:

- ETO-Kappe
- Dichtigkeitstester
- Adapter Storz/Olympus
- Adapter Wolf
- PE-Zange 1,0 mm x 800 mm
- Reinigungsbürste 1,5 mm x 1100 mm
- Kappe für Arbeitskanal

The Rhino-Pharyngoscopes of the new generation allow an intuitive handling: They have been developed in order to meet the required sensitivity in the daily use.

High-quality fibres and a powerful optical system provide great and bright pictures of best resolution – the main condition for a save diagnosis and therapy.

Thanks to the stable manufacture out of modern high-standard material, our Rhino-Pharyngoscopes are very robust and durable – despite growing imposition through modern preparation methods. The functional design offers a relaxed, comfortable handling due to its ergonomic shape under a sensitive but robust control.

Optimal flexibility and torsion rigidity of the sheath.

Suitable preparation methods:

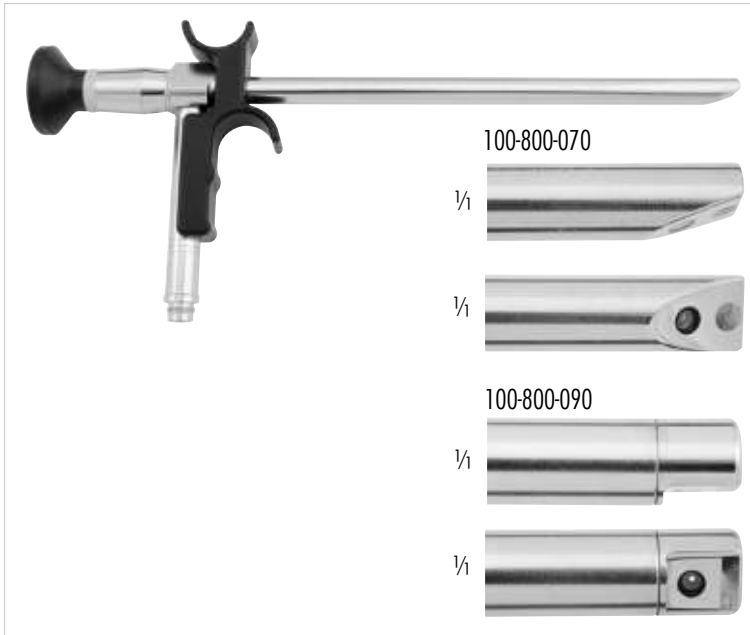
- Solution for cleaning or disinfection
- STERRAD®
- STERIS®
- ETO
- Automatic preparation (RDG-E)

Rhino-Pharyngoscope **with working channel** and ETO valve
18.000 pixel

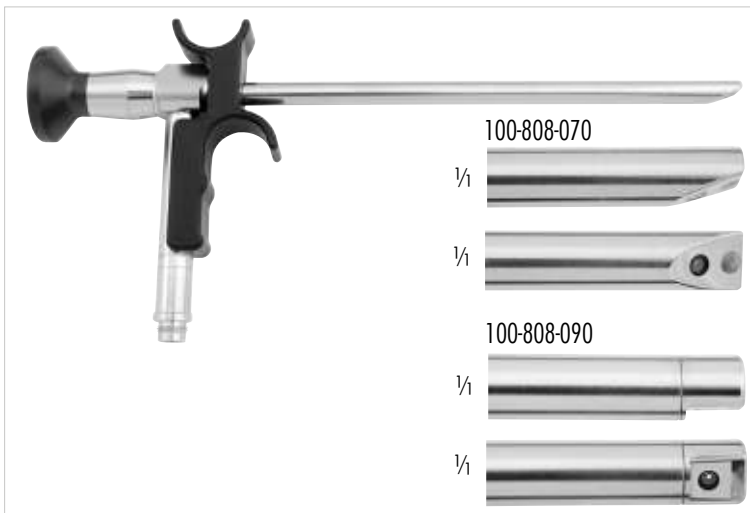
| | |
|-----------------|--------------|
| Insertion tube: | 4.0 mm |
| Working length: | 12 ½ inch |
| Max bending: | up/down 130° |
| Field of view: | 80° |
| Depth of field: | 1-50 mm |

Accessories:

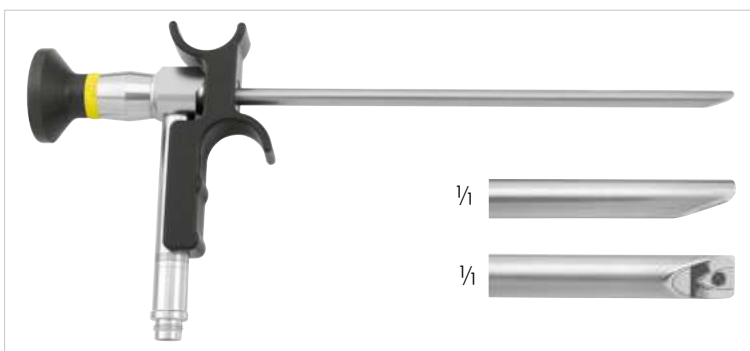
- ETO valve
- Leakage tester
- Adaptor Storz/Olympus
- Adaptor Wolf
- PE-Forceps 1.0 mm x 800 mm
- Cleaning Brush 1.5 mm x 1100 mm
- Sealing cap for working channel



100-800-070 70°
 100-800-090 90°
 Laryngo-Pharyngoskop, autoklavierbar, Ø 10 mm,
 160 mm Arbeitslänge, 270mm Gesamtlänge
 Laryngo-Pharyngoscope, autoclavable, Ø 10 mm,
 6 1/4 inch working length, 10 2/3 inch overall length



100-808-070 70°
 100-808-090 90°
 Laryngo-Pharyngoskop, autoklavierbar, Ø 8 mm, 190 mm
 Laryngo-Pharyngoscope, autoclavable, Ø 8 mm, 7 1/2 inch



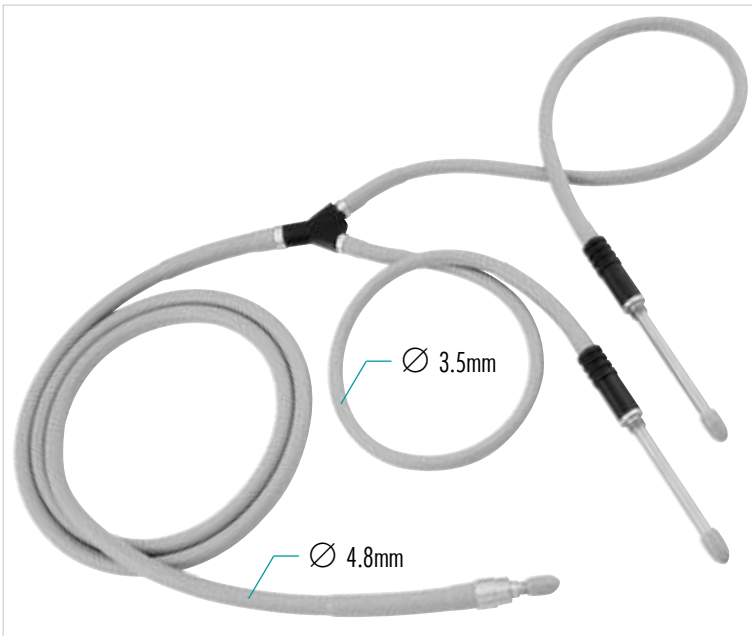
100-805-070 Ø 5 mm
 100-806-070 Ø 6 mm
 Zoom-Laryngo-Pharyngoskop, autoklavierbar, 70°, 190 mm
 Zoom-Laryngo-Pharyngoscope, autoclavable, 70°, 7 1/2 inch



- 250-025-230 Ø 2.5 mm, 2300 mm
- 250-025-300 Ø 2.5 mm, 3000 mm
- 250-035-180 Ø 3.5 mm, 1800 mm
- 250-035-230 Ø 3.5 mm, 2300 mm
- 250-035-300 Ø 3.5 mm, 3000 mm
- 250-048-180 Ø 4.8 mm, 1800 mm
- 250-048-230 Ø 4.8 mm, 2300 mm
- 250-048-300 Ø 4.8 mm, 3000 mm

RZ

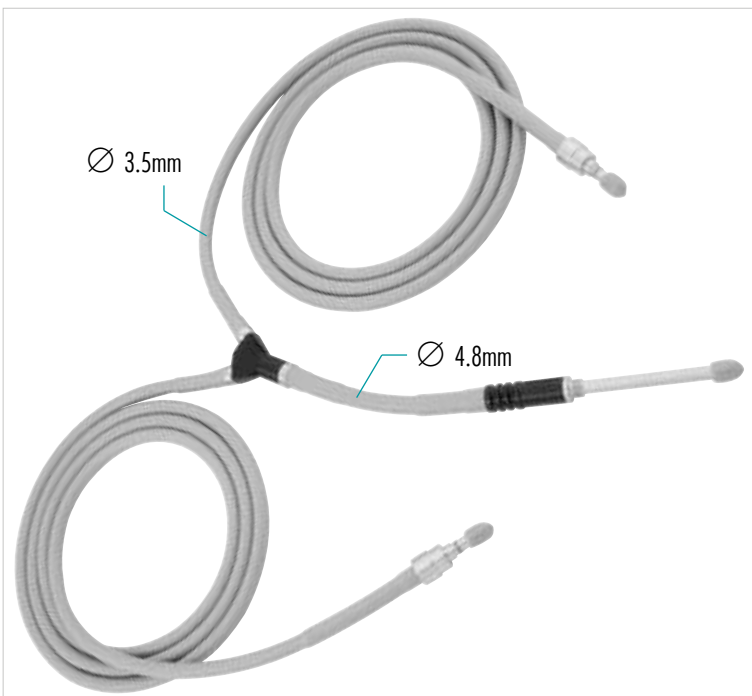
Hochentwickeltes Xenon Lichtleiterkabel mit eingebautem Glasstab für hohe Temperaturwiderstandsfähigkeit
Advanced High Temperature Xenon Light cable with built-in glass rod



- 250-053-180 Ø 3.5 mm, 1800 mm
- 250-053-230 Ø 3.5 mm, 2300 mm

RZ

Kaltlichtkabel, mit 2 Lichteingängen und 1 Lichtausgang, ohne Adapter (Seite 30)
Cold light cable, with 2 light inputs and 1 light output, without adaptor pieces (page 30)



- 250-054-180 Ø 3.5 mm, 1800 mm
- 250-054-230 Ø 3.5 mm, 2300 mm

RZ

Kaltlichtkabel, 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

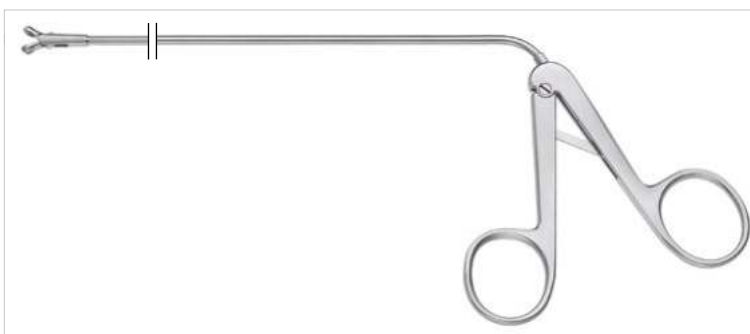


250-059-000

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

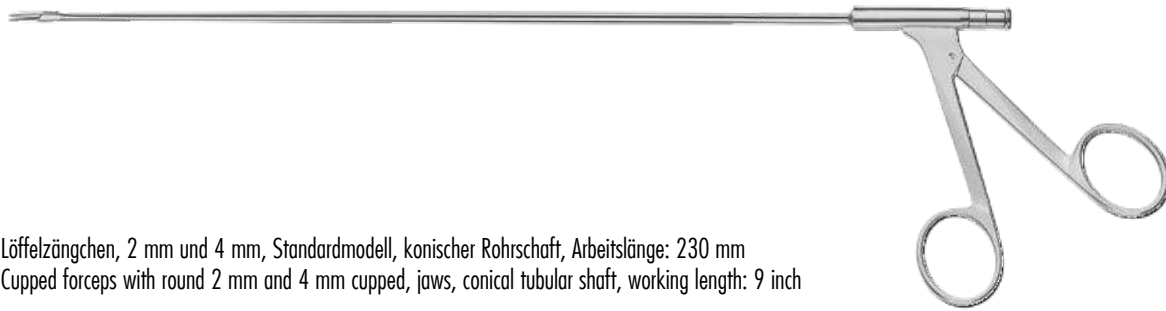
Laryngoskopie-Biopsiezange, schweres Modell, 5mm Löffelmaul, gerade, doppelbeweglich, 230mm

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

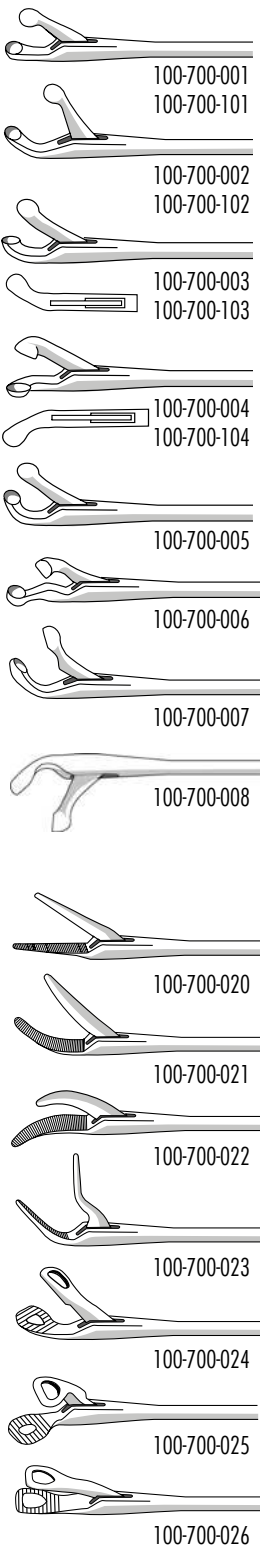
100-704-230

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

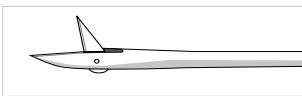
- 100-700-101 gerade, straight
- 100-700-102 aufgebogen/curved upwards
- 100-700-103 rechts gebogen/curved right
- 100-700-104 links gebogen/curved left

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

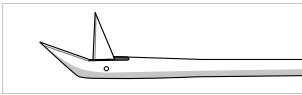
- 100-700-020 gerieft, gerade/serrated, straight
- 100-700-021 nach rechts gebogen/curved right
- 100-700-022 nach links gebogen/curved left
- 100-700-023 aufgebogen/curved upwards
- 100-700-024 mit dreieckigem Maul, nach rechts aufgebogen/with triangular jaws, curved upwards right
- 100-700-025 mit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



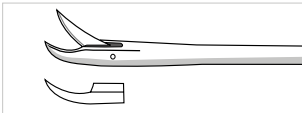
Mikro Laryngeal-Scheren, Standardmodell, \varnothing 2 mm, konischer Rohrschaft, Arbeitslänge: 230 mm
 Micro laryngeal scissors, standard model, \varnothing 2 mm, conical tubular shaft, working length: 9 inch



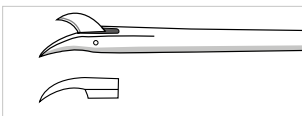
100-700-050 gerade/straight



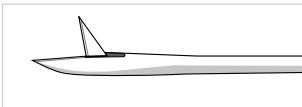
100-700-051 45° aufgebogen/upcurved



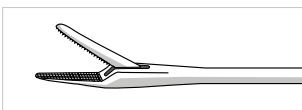
100-700-052 rechts gebogen/curved right



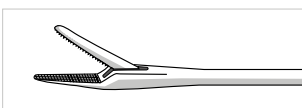
100-700-053 links gebogen/curved left



100-700-054 gerade, horizontal schneidend/straight, horizontal cutting



100-700-200 Nadelhalter mit Sperre, konischer Rohrschaft, Nutzlänge 230 mm
 Needle holder with ratchet, conical tubular shaft, working length 9 inch



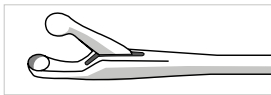
100-700-210 Nadelhalter mit Sperre, konischer Rohrschaft, mit diamantiertem Maulteil, Nutzlänge 230 mm
 Needle holder with ratchet, conical tubular shaft, with diamond dusted jaw, working length 9 inch



Löffelzängchen/Cupped Forceps



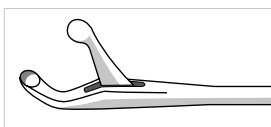
100-712-001 2 mm, gerade/straight



100-712-002 3 mm, gerade/straight

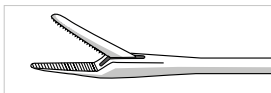


100-712-003 2 mm, aufgebogen/curved upwards



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

Alligator Zange, gerieft/Alligator Forceps, serrated

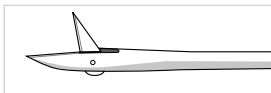


100-712-005 gerade/straight

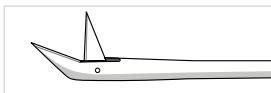


100-712-013 aufgebogen/curved upwards

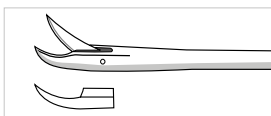
Schere/Scissors



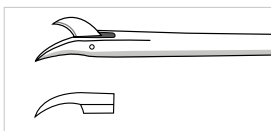
100-712-006 gerade/straight



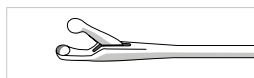
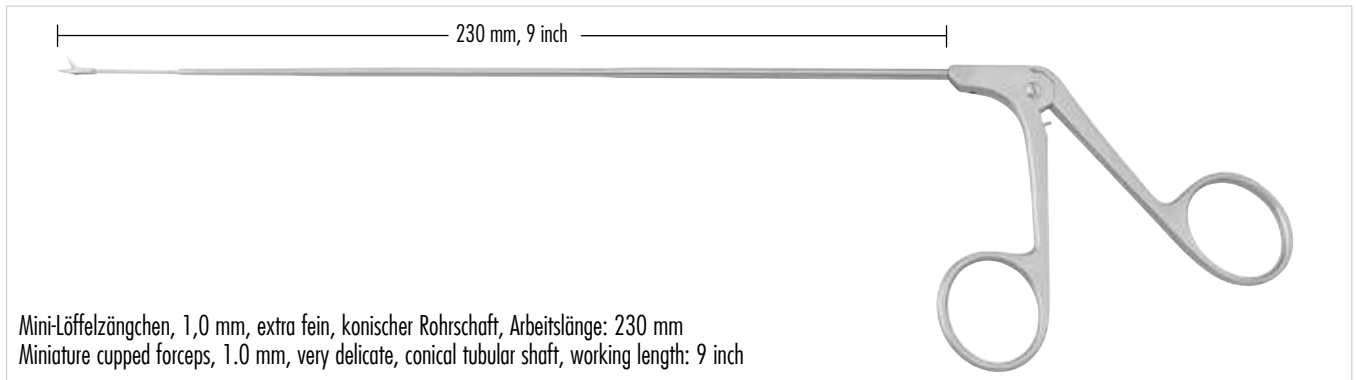
100-712-007 45° abgewinkelt/45° angled



100-712-008 rechts gebogen/curved right



100-712-009 links gebogen/curved left



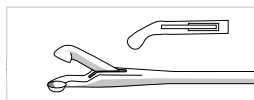
100-710-001 gerade/straight



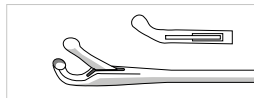
100-710-002 aufgebogen/curved upwards



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

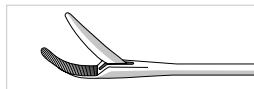


100-710-006 nach links aufgebogen/curved upwards left

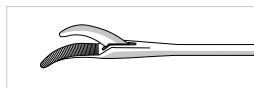
Mini-Fabzängchen, gerieft, extra fein, konischer Rohrschaft, Arbeitslänge: 230 mm
Miniature forceps, serrated, very delicate, conical tubular shaft, working length: 9 inch



100-710-020 gerade/straight



100-710-021 nach rechts gebogen/curved right

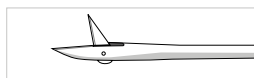


100-710-022 nach links gebogen/curved left

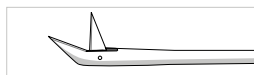


100-710-023 aufgebogen/curved upwards

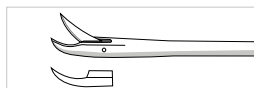
Mini-Scherchen, extra fein, konischer Rohrschaft, Nutzlänge 230 mm
Miniature Scissors, very delicate, conical tubular shaft, working length 9 inch



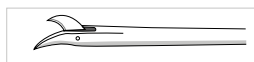
100-710-050 gerade/straight



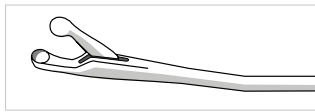
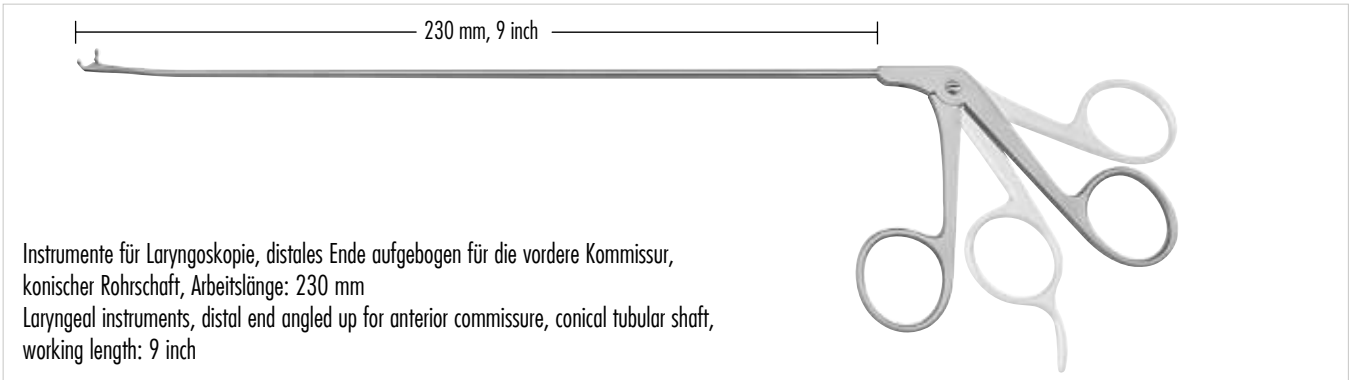
100-710-051 45° aufgebogen/angled 45°



100-710-052 nach rechts gebogen/curved right

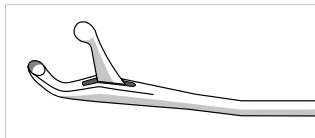


100-710-053 nach links gebogen/curved left

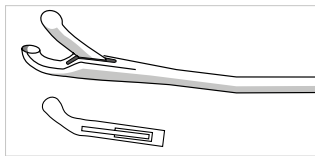


Löffelzängchen/cupped forceps, Ø 2.0 mm

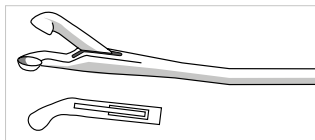
100-715-001 gerade/straight
100-725-001 gerade, Daumenkontrolle/straight, thumb control



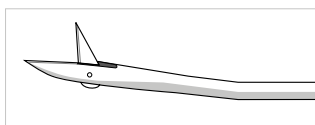
100-715-002 aufgebogen/curved upwards
100-725-002 aufgebogen, Daumenkontrolle/curved upwards, thumb control



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

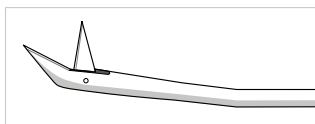


100-715-004 nach links gebogen/curved left
100-725-004 nach links gebogen, Daumenkontrolle/curved left, thumb control

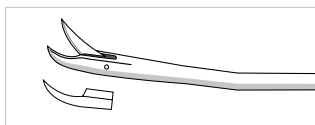


Schere/Scissors

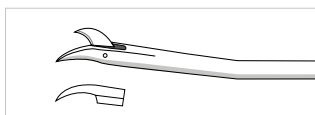
100-715-005 gerade/straight
100-725-005 gerade, Daumenkontrolle/straight, thumb control



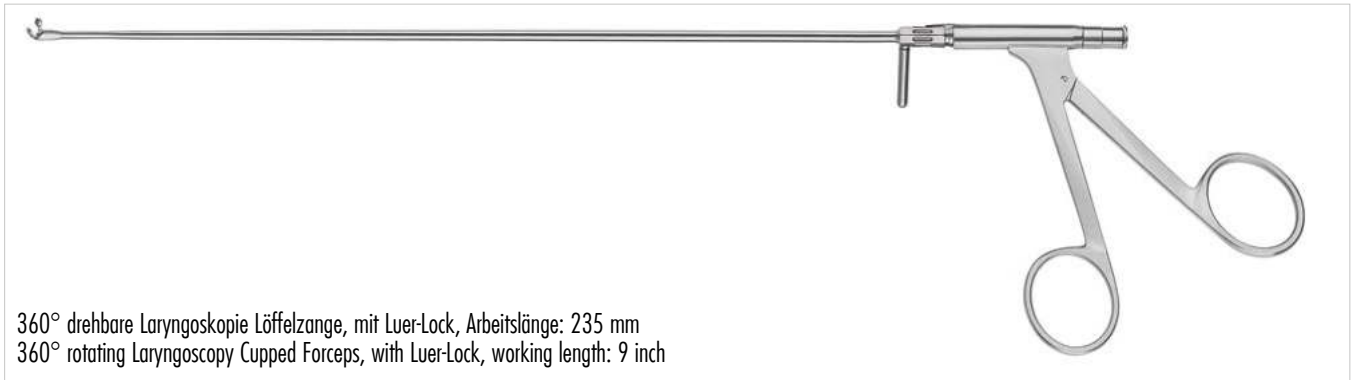
100-715-006 45° aufgebogen/45° angled upwards
100-725-006 45° aufgebogen, Daumenkontrolle/45° angled upwards, thumb control



100-715-007 nach rechts gebogen/curved right
100-725-007 nach rechts gebogen, Daumenkontrolle/curved right, thumb control



100-715-008 nach links gebogen/curved left
100-725-008 nach links gebogen, Daumenkontrolle/curved left, thumb control



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



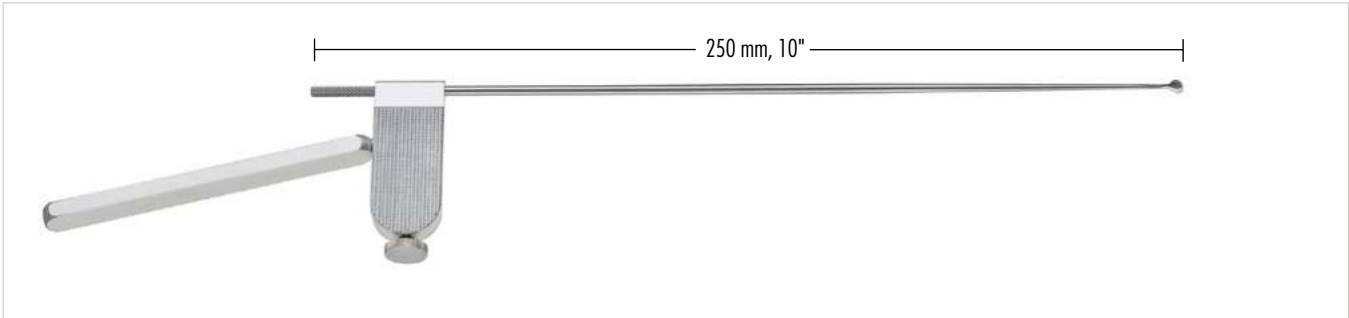
100-700-551
aufgebogen/curved upwards



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



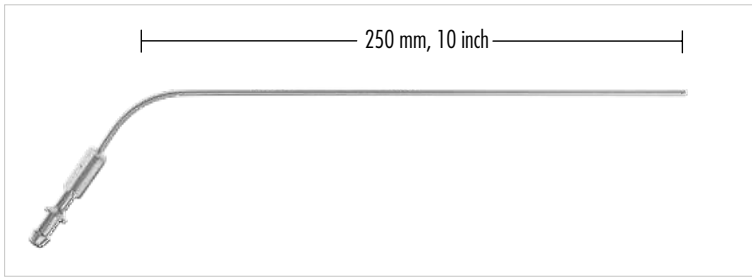
100-850-010 Saugellevator
Elevator with suction channel



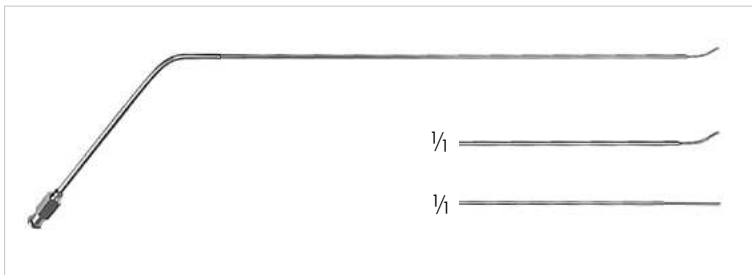
100-850-011 Knotenführer
Knot guide



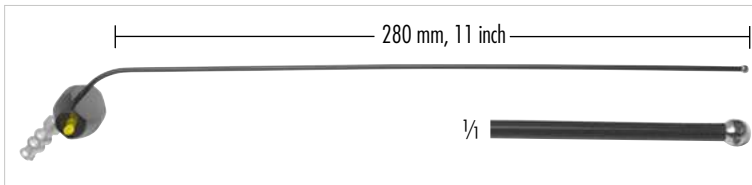
100-850-012 Häkchen, 90°, mit Sondenknopf
Hook with probe end, 90° angled



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



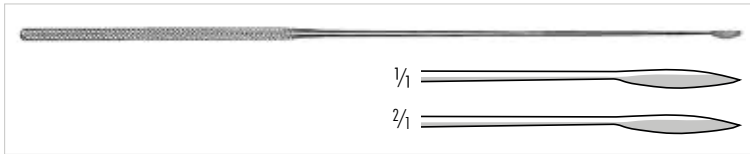
100-862-030 2,5 mm, 280 mm, 11 inch
 100-864-030 5,0 mm, 270 mm, 10 1/2 inch
 Saug- und Koagulationsrohr, **isoliert**, mit monopolarem Anschluß, abgewinkelt
 Insulated cannula for suction and coagulation, **insulated**, with monopolar connection, angled



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



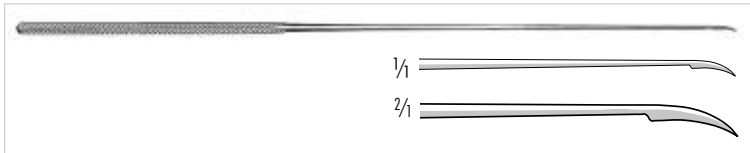
100-870-100
 Zahnschutz aus Silikon, autoklavierbar
 Teeth protector, silicone, autoclavable



100-853-295

JAKO-TYPE

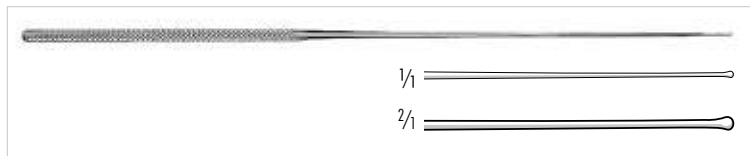
Laryngeal Messer, gerades Blatt, Klingenlänge: 8 mm, 295 mm
 Laryngeal knife, straight blade, blade length: 8 mm, 11 3/4 inch



100-854-295

JAKO-TYPE

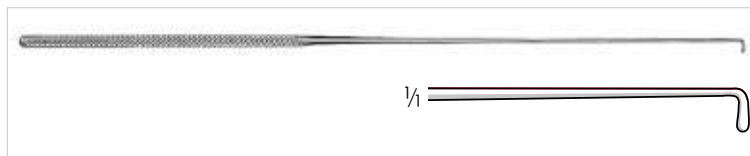
Laryngeal Sichelmesser, Klingenlänge: 8 mm, 295 mm
 Laryngeal sickle knife, blade length: 8 mm, 11 3/4 inch



100-855-300

JAKO-TYPE

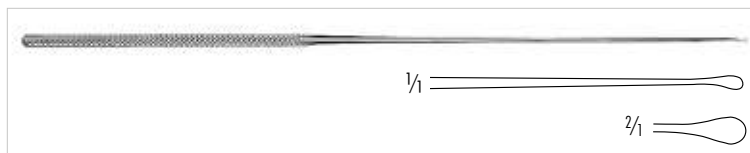
Laryngeal Sonde, gerade, Arbeitslänge: 220 mm, 295 mm
 Laryngeal probe, straight, working length: 8 1/2 inch, 11 3/4 inch



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



100-860-300

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