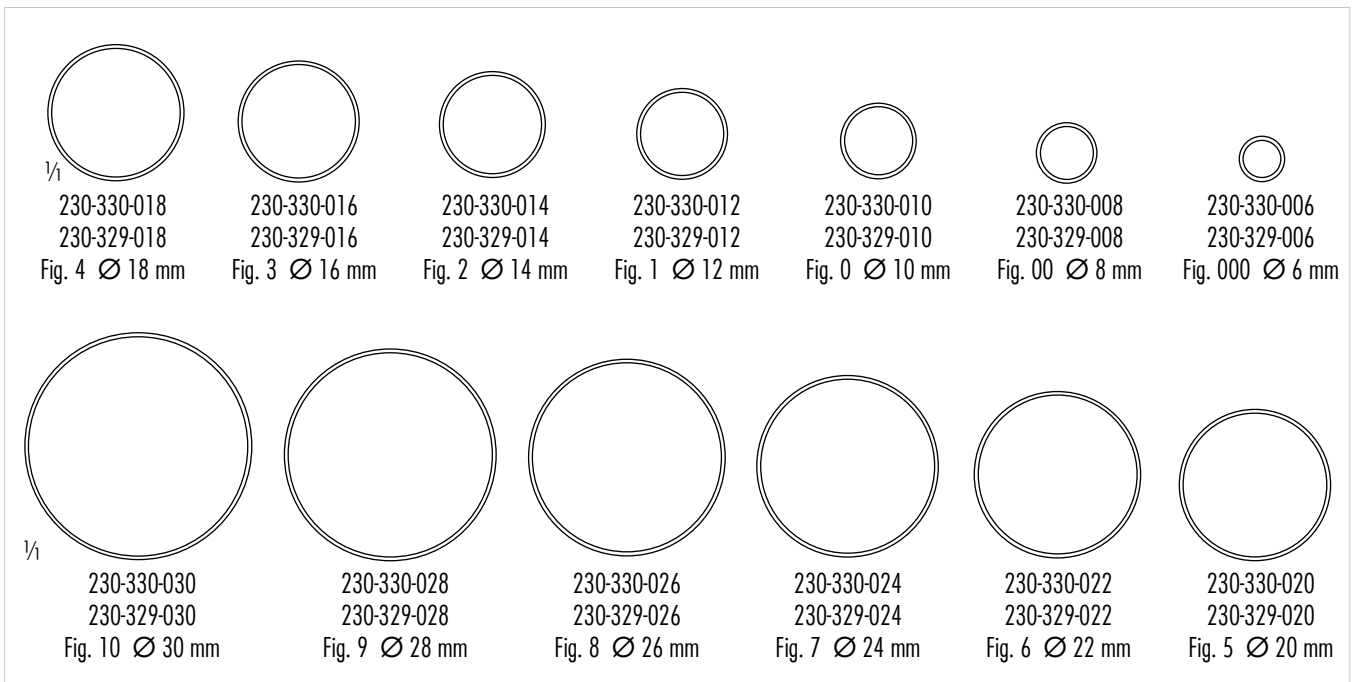




230-329-006 - 230-329-030
Kehlkopfspiegel, 120 mm
Laryngeal mirror, 4 1/2 inch



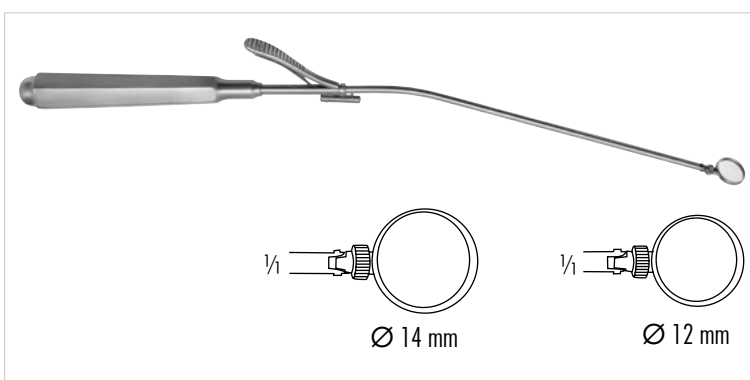
230-330-006 - 230-330-030
Kehlkopfspiegel mit Sechskantgriff, 180 mm
Laryngeal mirror with hexagonal handle, 7 inch



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

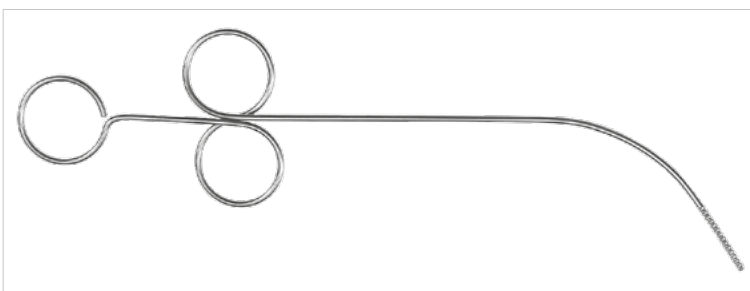
Kehldeckelhalter, 240 mm
Epiglottis retractor, 9 1/2 inch



430-805-250

KILLIAN

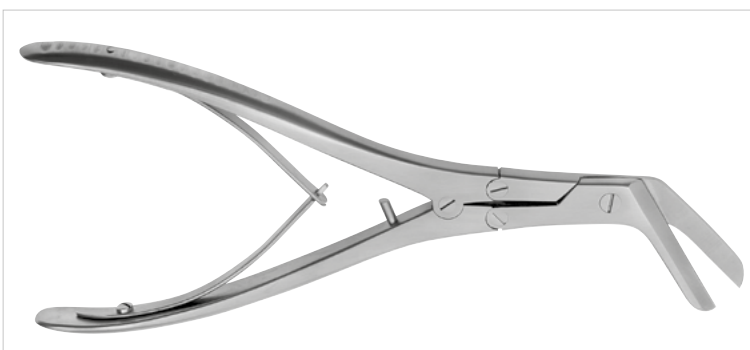
Watteträger, 250 mm
Laryngeal applicator, 10 inch



160-495-280

FEIN

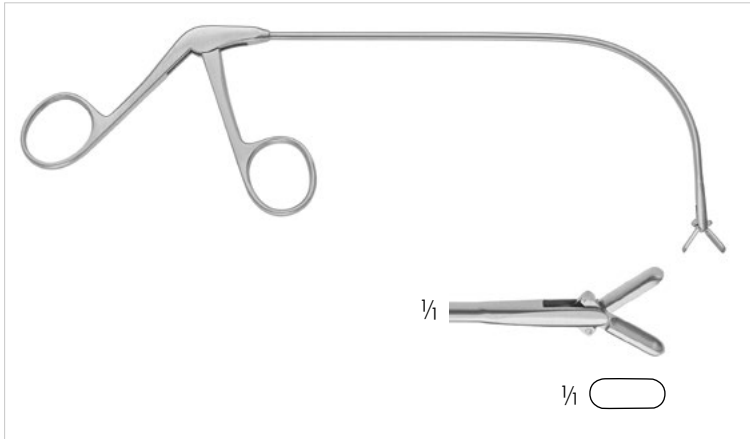
Watteträger, 280 mm
Laryngeal applicator, 11 inch



430-813-060

KILLIAN

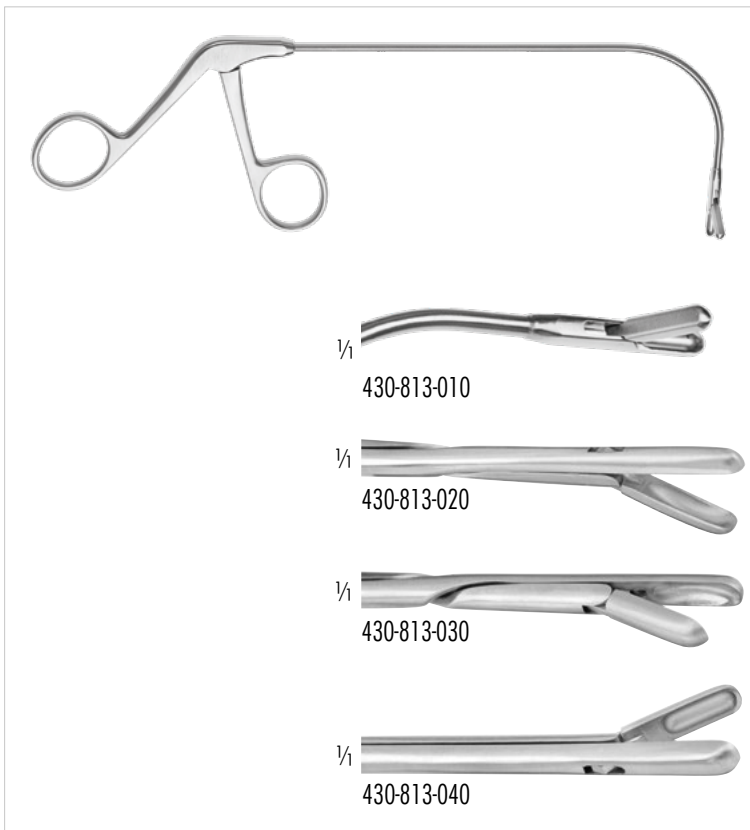
Laryngo-Fissuren-Schere, 220 mm
Laryngectomy scissors, double action, 8 inch



430-813-050

FRAENKEL

Kehlkopfzange, doppelseitig öffnend, länglich ovales Maul, 170 mm
 Laryngeal forceps, both sides opening, longitudinal oval jaws, 6 $\frac{3}{4}$ inch



430-813-010 nach rechts öffnend/opening to the right

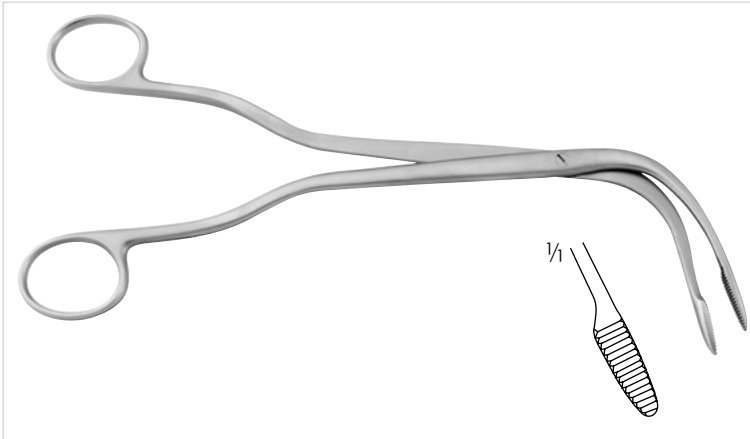
430-813-020 nach links öffnend/opening to the left

430-813-030 nach unten öffnend/opening downwards

430-813-040 nach oben öffnend/opening upwards

JURASZ

Kehlkopfpolypenzange, 220 mm
 Laryngeal polypus forceps, 8 $\frac{1}{2}$ inch



430-815-220

FRAENKEL

Kehlkopfpolypenzange, 220 mm

Laryngeal polypus forceps, 8 ¾ inch



440-120-120

TROUSSEAU

Trachealdilatator, 120 mm

Tracheal dilator, 4 ¾ inch



440-130-140

LABORDE

Trachealdilatator, 140 mm

Tracheal dilator, 5 ½ inch



170-002-165

BOSE

Trachealhäkchen, rechts, für die linke Hand, 160 mm

Tracheal ligature hook, right, for the left hand, 6 ¼ inch

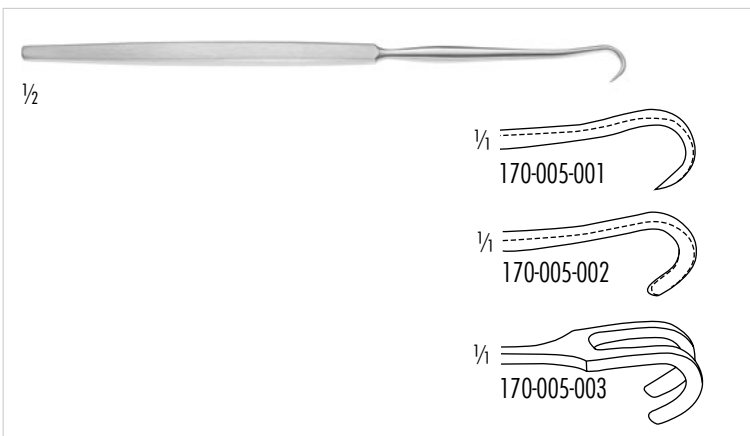


170-003-165

BOSE

Trachealhäkchen, links, für die rechte Hand, 160 mm

Tracheal ligature hook, left, for the right hand, 6 ¼ inch



170-005-001

Trachealhaken, scharf, 160 mm

Tracheal retractor, sharp, 6 ¼ inch

170-005-002

Trachealhaken, stumpf, 160 mm

Tracheal hook, blunt, 6 ¼ inch

170-005-003

Trachealhaken, 2 Zähne, stumpf, 160 mm

Tracheal hook, 2 prongs, blunt, 6 ¼ inch



1/2

440-221-160

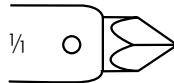
KOCHER

Kropf Sonde, mit Loch, 160 mm
Goitre director, with hole, 6 inch



1/2

440-020-130

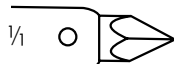


1/4



1/2

440-021-130



1/4

440-020-130 Ø 9,0 mm

440-021-130 Ø 7,5 mm

UCKERMANN

Trachealtrokar, 130 mm
Tracheal trocar, 5 inch



1/2



1/4



1/4

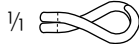
170-700-060

BOSE

Wundspreizer, 60 mm
Tracheal retractor, 2 3/8 inch



1/2

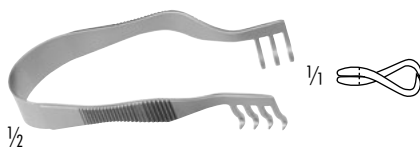


1/4

170-701-050

FINSEN

Wundspreizer, 2 x 3 Zähne, stumpf, 50 mm
Tracheal retractor, 2 x 3 teeth, blunt, 2 inch



1/2



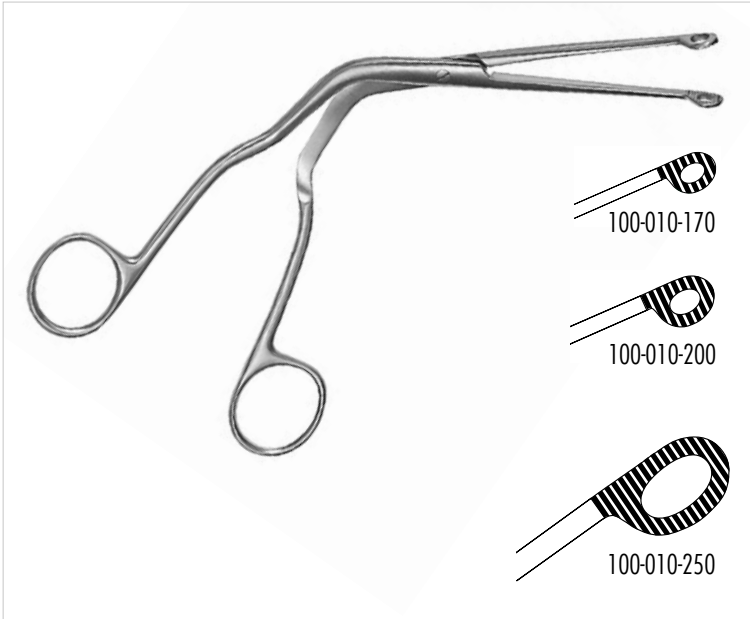
1/4

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

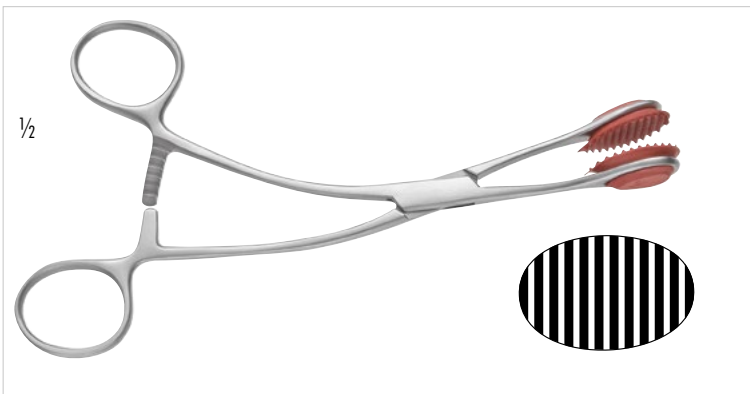
Children, 8 inch

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



100-212-000	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



100-300-002



100-300-001

100-300-002 Für/for Fig. 00 bis 0

100-300-001 Für/for Fig. 1 bis 5

Ersatzlampchen für Spatel

Spare Lamps for blades



100-260-000

Halogen Ersatzlampe für Kaltlichtgriff

Halogen-Lamp for Cold-Light Handle



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



100-211-010



100-211-011



100-211-012



100-211-014

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

100-211-014

Kaltlichtgriff, Ø 30mm, 2,5V LED-Beleuchtung,

ohne Trafoanschluss

Cold-light handle, Ø 30mm, 2.5V LED illumination,



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

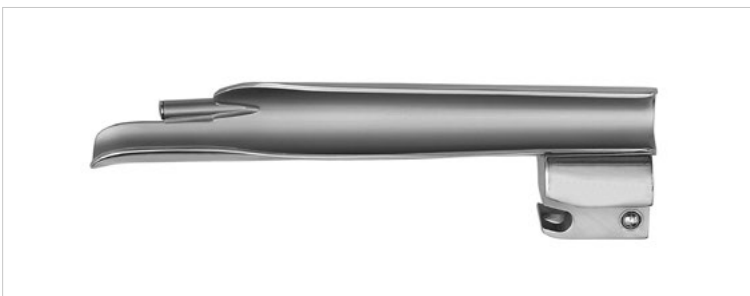
Fiberoptik Kaltlicht Laryngoskopspatel
Fiberoptic cold-light laryngoscope blade



- | | |
|-------------|----------------|
| 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 Laryngoskopspatel
Fiberoptic cold-light laryngoscope blade



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



A 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

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

MC INTOSH (English Model)

100-211-300	5 Spatel/blades, Fig. 0 - 4
100-211-200	4 Spatel/blades, Fig. 1 - 4
100-211-100	3 Spatel/blades, Fig. 1 - 3

MILLER

100-213-300	5 Spatel/blades, Fig. 0 - 4
100-213-200	4 Spatel/blades, Fig. 1 - 4
100-213-100	3 Spatel/blades, Fig. 2 - 4

FOREGGER

100-215-200	5 Spatel/blades, Fig. 0 - 4
100-215-100	4 Spatel/blades, Fig. 1 - 4



**HOLINGER**

Complete with light carrier

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

HOLINGER

Spare light carrier

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

**JACKSON**

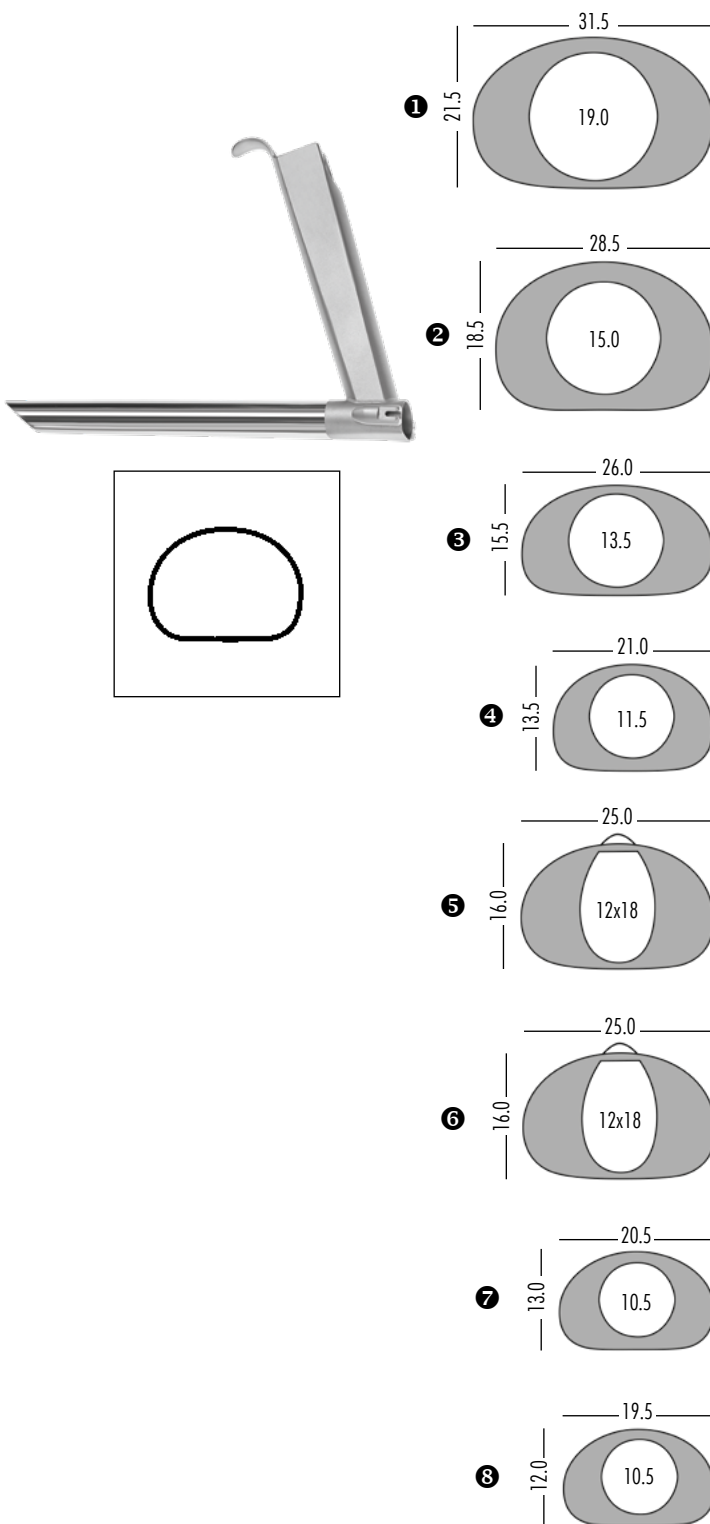
Complete with light carrier

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

JACKSON

Spare light carrier

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



1 Adults, extra large

170mm, 6³/₄" 100-500-008

2 Adults, extra large

170mm, 6³/₄" 100-500-005

3 Adults, medium

170mm, 6³/₄" 100-500-004

4 Adults, small

180mm, 7" 100-500-003

5 Adults, medium, anterior

180mm, 7" 100-500-006

6 Adults, medium, long neck

220mm, 9³/₄" 100-500-007

7 Children, small

150mm, 6" 100-500-002

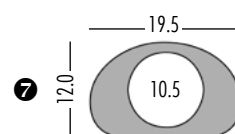
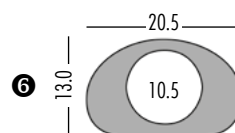
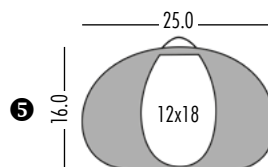
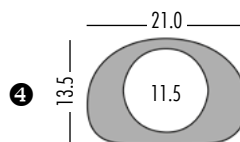
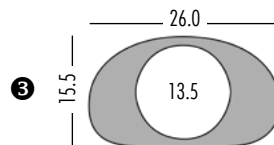
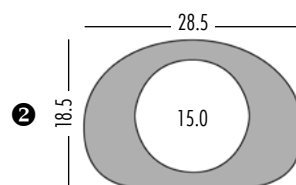
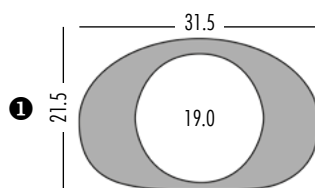
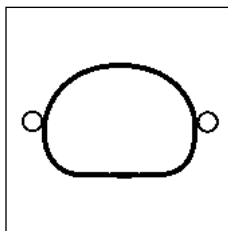
8 Infant, small

130mm, 5" 100-500-001

KLEINSASSER

Operationslaryngoskop

Operation Laryngoscope



① Adults, extra large

170mm, 6³/₄" 100-500-537

② Adults, extra large

170mm, 6³/₄" 100-500-536

③ Adults, medium

170mm, 6³/₄" 100-500-535

④ Adults, small

180mm, 7" 100-500-534

⑤ Adults, medium, anterior

180mm, 7" 100-500-533

⑥ Children, small

150mm, 6" 100-500-532

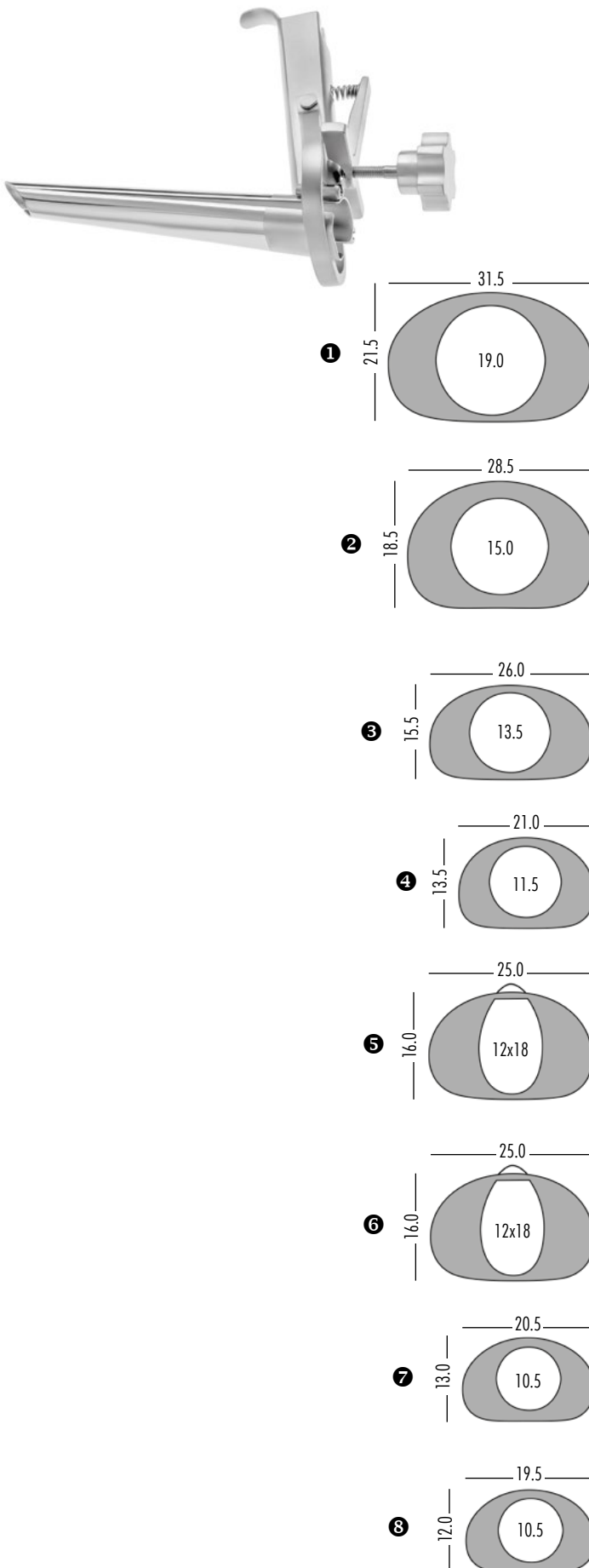
⑦ Infant, small

130mm, 5" 100-500-531

KLEINSASSER-LASER

Operationslaryngoskop

Operation Laryngoscope



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



① Adults, extra large

180mm, 7" 100-500-583

② Adolescent/adults

180mm, 7" 100-500-582

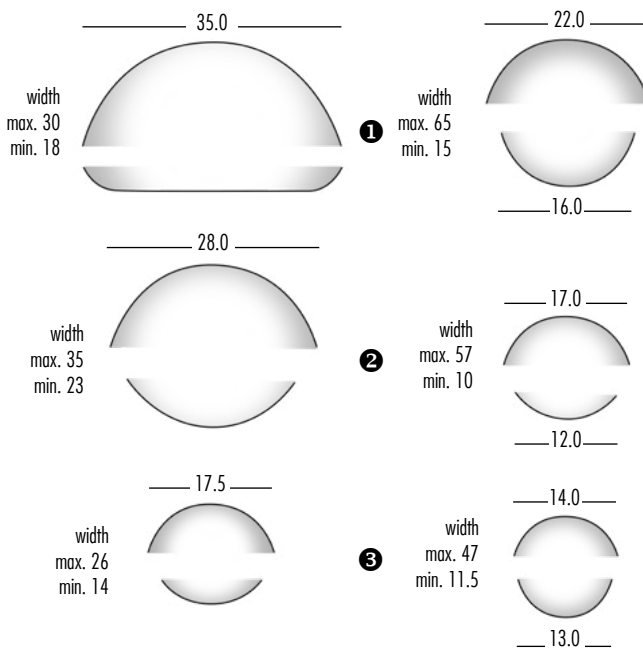
③ Children, small

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

Operationslaryngoskop, spreizbar
Operation Laryngoscope, spreadable

PROXIMAL

DISTAL




❶ Adults, large

150mm, 6" 100-500-555

❷ Adults, large

170mm, 6³/₄" 100-500-554

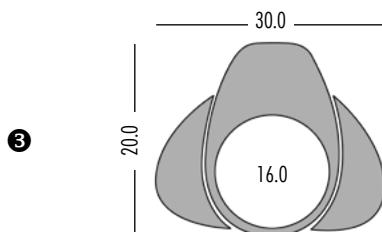
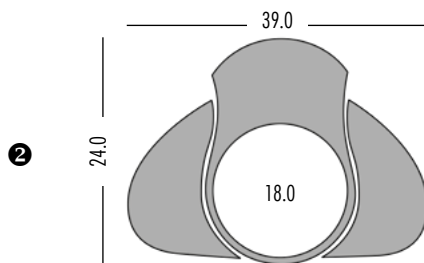
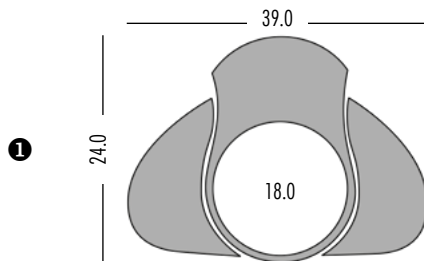
❸ Children, small

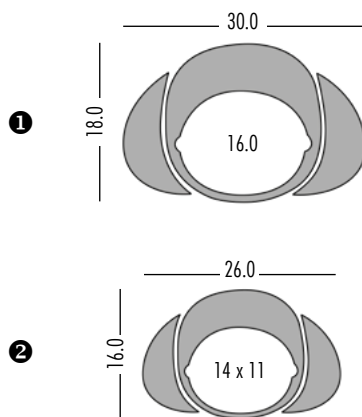
110mm, 4¹/₄" 100-500-553

KLEINSASSER, L.

Operationslaryngoskop

Operation Laryngoscope





1 Children

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

2 Infant

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

KLEINSASSER, B-L.

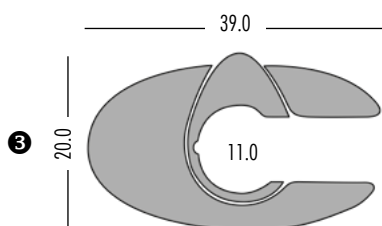
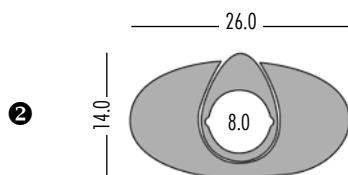
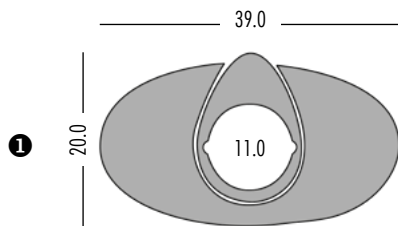
Operationslaryngoskop

Operation Laryngoscope

KLEINSASSER, B.



KLEINSASSER, B.-P.



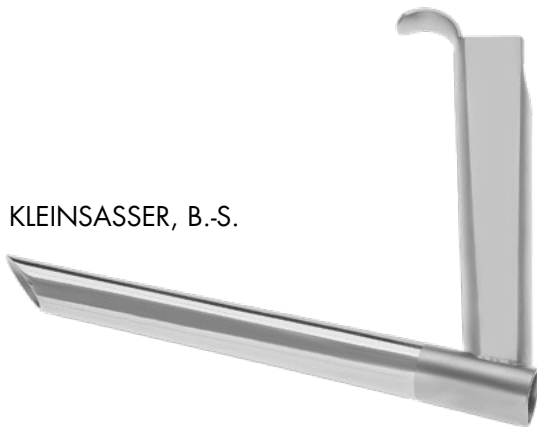
① Kleinsasser, B., children, medium
150mm, 6" 100-500-564

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

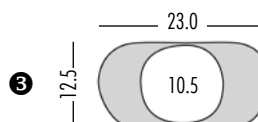
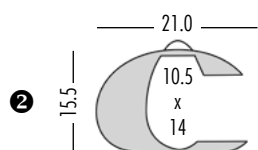
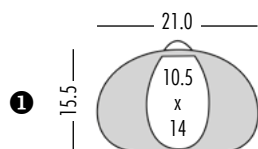
③ Kleinsasser, B.-P., children, medium
150mm, 6" 100-500-562

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

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-slim
170mm, 6³/₄" 100-500-571

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



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

Lichtträger
Fiber Optic Light Carrier



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

Lichtträger
Fiber Optic Light Carrier



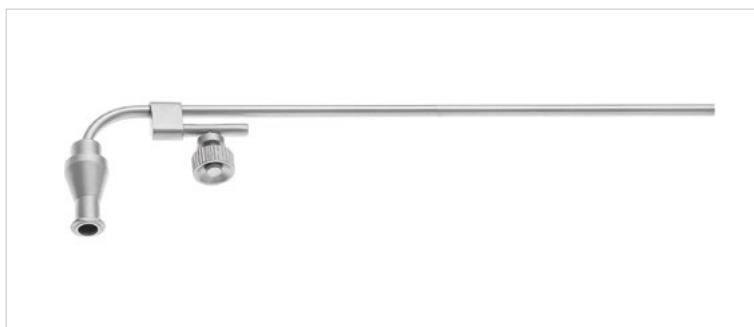
120mm/4 3/4" working length for 100-500-583 / 100-500-582	100-500-584
100mm/4" working length for 100-500-581	100-500-585

Lichtträger
Fiber Optic Light Carrier



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

Lichtträger
Fiber Optic Light Carrier



90mm/3¹/₂" working length for
100-500-001/100-500-002

100-500-080

125mm/5" working length for
100-500-003/100-500-008

100-500-075

Saugrohr, Ø 3mm
Suction Tube Ø 3mm



120mm/4³/₄" working length for
100-500-531

100-500-541

140mm/5¹/₂" working length for
100-500-532

100-500-542

160mm/6¹/₄" working length for
100-500-533 - 100-500-537

100-500-543

Saugrohr
Suction Tube



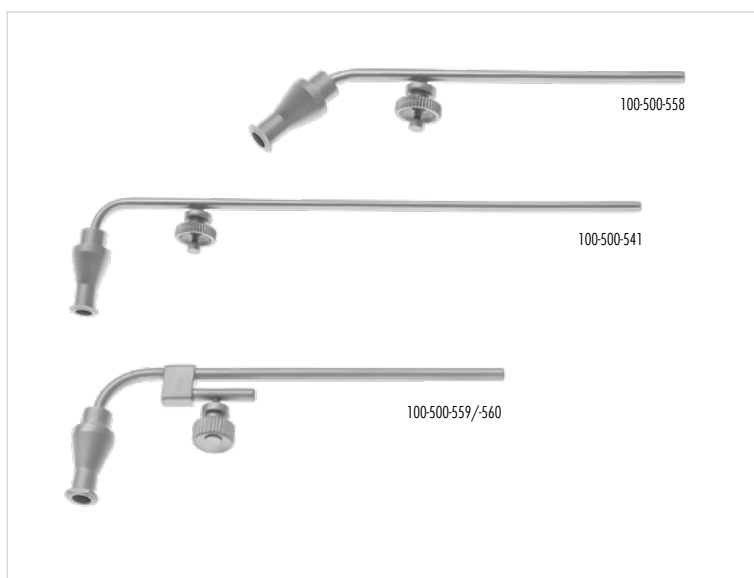
100mm/4" working length for
100-500-583 / 100-500-582

100-500-586

120mm/4³/₄" working length for
100-500-581

100-500-587

Saugrohr
Suction Tube



65mm/2¹/₂" working length for
100-500-552 / 100-500-551

100-500-558

70mm/2³/₄" working length for
100-500-553

100-500-559

85mm/3¹/₄" working length for
100-500-555 / 100-500-554

100-500-560

120mm/4³/₄" working length for
100-500-562 / 100-500-564

100-500-541

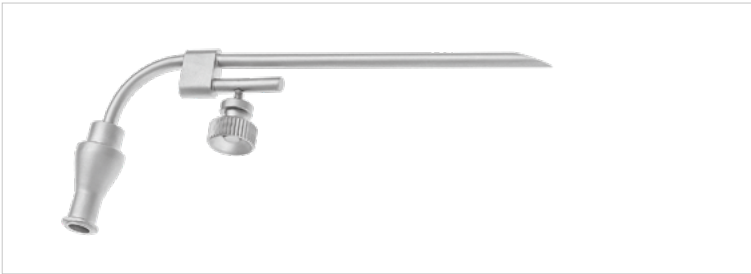
Saugrohr
Suction Tube



85mm/ $3\frac{1}{4}$ " working length for
100-500-001 - 100-500-008
100-500-201 - 100-500-208

100-500-050

Injektionskanüle
Injection Cannula



70mm/ $2\frac{3}{4}$ " working length
100-500-583 / 100-500-582

100-500-588

Injektionskanüle
Injection Cannula



85mm/ $3\frac{1}{4}$ " working length for
100-500-553 - 100-500-555

100-500-561

Injektionskanüle
Injection Cannula



135mm/ $5\frac{1}{4}$ " working length
Ø 2mm

100-500-574

135mm/ $5\frac{1}{4}$ " working length
Ø 3mm

100-500-575

Injektionskanüle, biegsam
Injection Cannula, malleable



100-500-576

Licht Clip
Light Clip



Chest Support, complete, for Operating Laryngoscopes

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



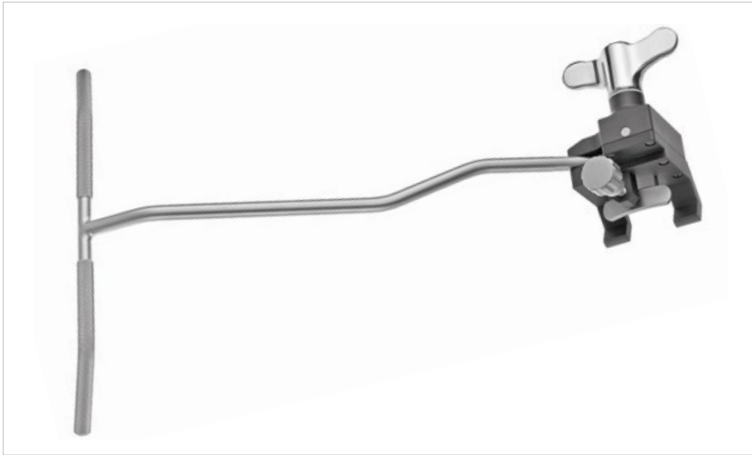
Support Rod, with ring

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



Joint for Chest Support

100-500-110

**LEWY**

Chest Support, for Operating Laryngoscopes

340mm, 13 $\frac{1}{2}$ "

Adult

100-500-102



Supporting Table for Chest Support, complete set

100-500-150



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

100-512-000



Chest Support, complete, for Operating Laryngoscopes

340mm, 13¹/₂" Ø90mm

100-500-200



Support rod only, for Operating Laryngoscopes

340mm, 13¹/₂" Ø90mm

100-500-210



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

340mm, 13¹/₂" Ø120mm

100-500-400



Support rod

340mm, 13¹/₂" Ø120mm

100-500-410



Joint for Breast Support

100-500-420



100-500-310

Rhino-Pharyngoskop
mit Quarzglasbildbündelsystem,
ca 2-3 μm Pixelgröße, 18000 Pixel

Parameter/Technische Daten:

- hohe Auflösung
- hervorragende Bedienungseigenschaften
- größere Helligkeit

Arbeitslänge

Ø im Bereich der Arbeitslänge

2-fach abgewinkelbare Spitze

Länge der abwinkelbaren Spitze

minimaler Biegeradius

Blickrichtung

Bildwinkel

Fokussierung

im Koffer mit Zubehör, u.a. Manometer

max. 300 mm

3,8 mm

auf 160° ab 160°

20 mm

30 mm

0°

85°

3 - 60 mm



100-500-380

Rhino-Pharyngoskop
mit konventionellem Bildbündelsystem
12.000 Pixel, 10 μm -Fasern

Parameter/Technische Daten:

- kontrastreiches Bild
- hohe Flexibilität
- einfache Fokussierung

Arbeitslänge

Ø im Bereich der Arbeitslänge

2-fach abwinkelbare Spitze

Länge der abwinkelbaren Spitze

minimaler Biegeradius

Blickrichtung

Bildwinkel

Fokussierung

im Koffer mit Zubehör, u.a. Manometer

max. 300 mm

3,4 mm

auf 125° ab 125°

25 mm

30 mm

0°

Weitwinkel

3 mm bis unendlich

Rhino-Pharyngoscope
with fused silica image guide system,
ca. 2-3 μm pixel size, 18000 pixels

Parameter/Technical Data:

- high resolution
- excellent pushing characteristics
- higher illumination

working length

outer Ø

2-way tip-deflection

length of movable tip-section

minimal bending radius

viewing direction

field of view

focussion

in case with accessories a.o. Manometer

max. 300 mm

3.7 mm

up 160°, down 160°

20 mm

30 mm

0°

85°

3 - 60 mm

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

outer Ø

2-way tip-deflection

length of movable tip-section

minimal bending radius

viewing direction

field of view

focussion

in case with accessories a.o. Manometer

max. 300 mm

3.4 mm

up 125°, down 125°

25 mm

30 mm

0°

wide angle

3 mm to infinity

Vollständig gassterilisierbar (ETO/Formaldehyd) und in Desinfektionsmittel einlegbar.
Fully soakable, ETO, gas sterilizable



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
14000 pixel

Einführschlauch:	3,8 mm
Arbeitslänge:	300 mm
Abwinklung:	auf/ab 160°
Blickfeld:	85°
Tiefenschärfe:	1-50 mm

Zubehör:

ETO-Kappe
Dichtigkeitstester
Adapter Storz/Olympus
Adapter Wolf

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:

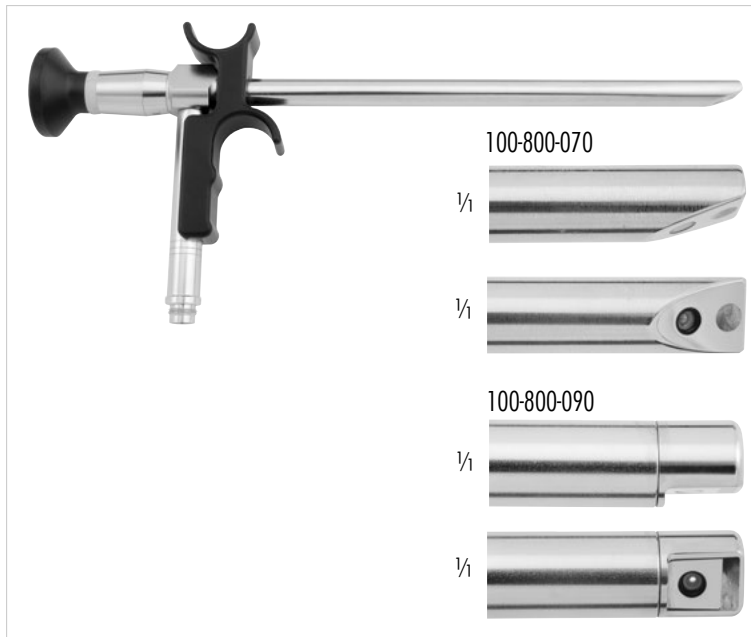
- Solution for cleaning or disinfection
- STERRAD®
- STERIS®
- ETO
- Automatic preparation (RDG-E)

Rhino-Pharyngoscope **with working channel** and ETO valve
14000 pixel

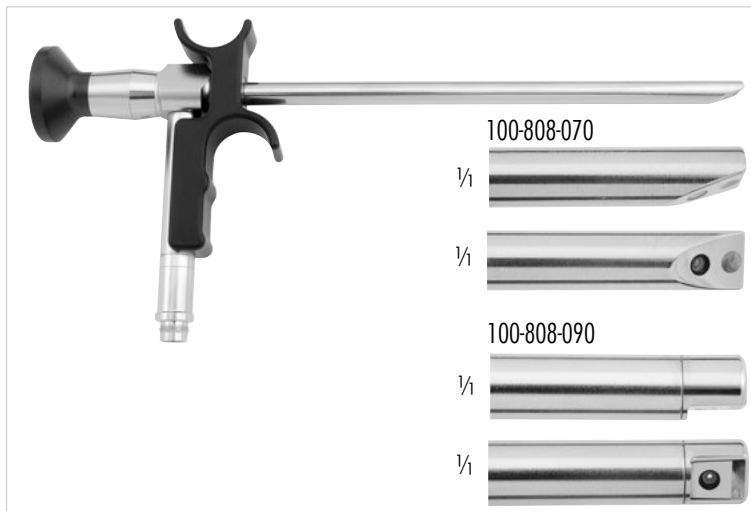
Insertion tube:	3.8 mm
Working length:	11 7/8"
Max bending:	up/down 160°
Field of view:	85°
Depth of field:	1-50 mm

Accessories:

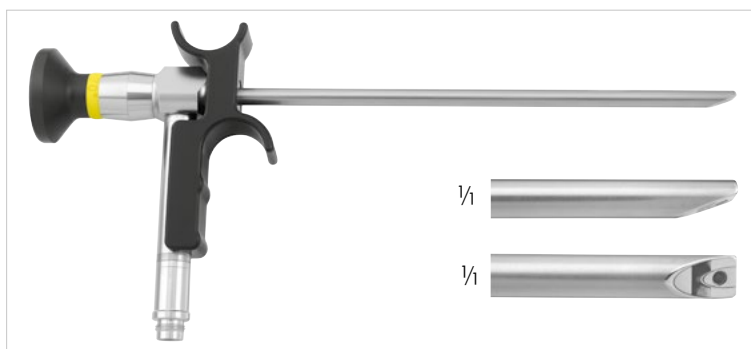
ETO valve
Leakage tester
Adaptor Storz/Olympus
Adaptor Wolf



100-800-070 70°
 100-800-090 90°
 Laryngo-Pharyngoskop, autoklavierbar, Ø 10 mm,
 160 mm Arbeitslänge, 270 mm 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



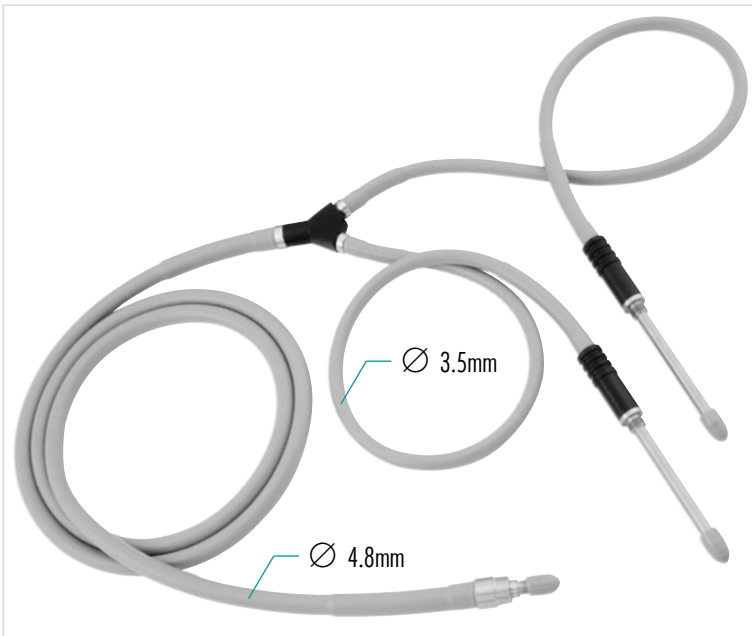
100-805-070 Ø 5 mm
 100-806-070 Ø 6 mm
 Zoom-Laryngo-Pharyngoskop, autoklavierbar, 70°, 190 mm
 Zoom-Laryngo-Pharyngoscope, autoclavable, 70°, 7 1/2 inch



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

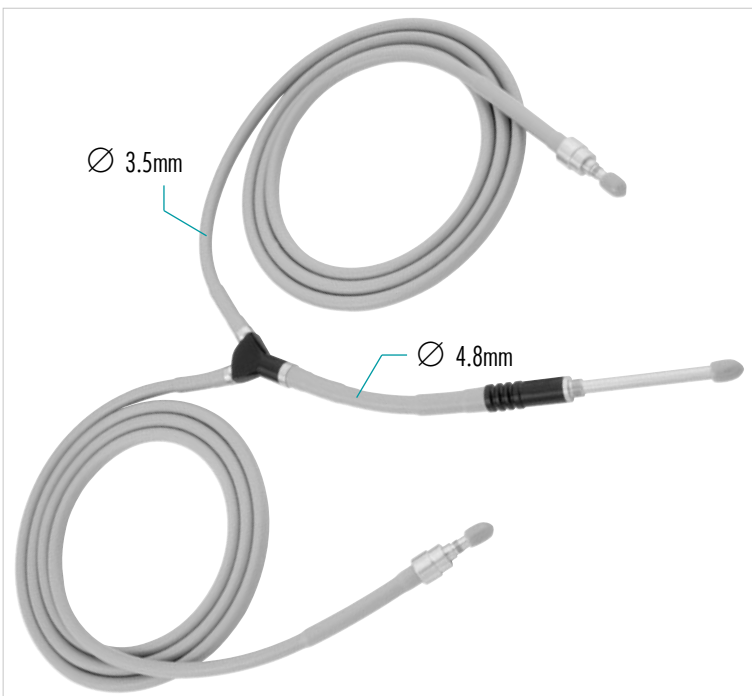
Hochentwickeltes Xenon Lichtleiterkabel mit eingebautem Glasstab für hohe Temperaturwiderstandsfähigkeit
Advanced High Temperature Xenon Light cable with built-in glass rod



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

RZ

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



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

RZ

Kaltlichtleitkabel, mit 1 Lichteingang und 2 Lichtausgängen, ohne Adapter (Seite 30)
Cold light cable, with 1 light input and 2 light outputs, without adaptor pieces (page 30)



Adaptor pieces to use with **endoscope**



250-042-000
RZ/Storz/Olympus



250-040-000
Wolf



250-041-000
ACMI/British Standard

XENON/LED Light Guide Cables
with melt and bending protection

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

Adaptor pieces to use with **light source**



250-039-000
RZ/Storz



250-038-000
ACMI/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

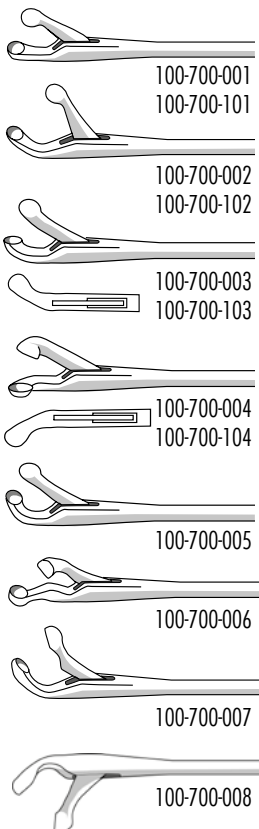


COMPATIBILITY NOTE:

A fiber optic cable with a large diameter should not be connected to a smaller diameter scope.
For example: Ø 4.8mm fiber optic cables connected to a Ø 2.9mm may risk high temperature at the light entry of the endoscope and may risk patient safety.



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

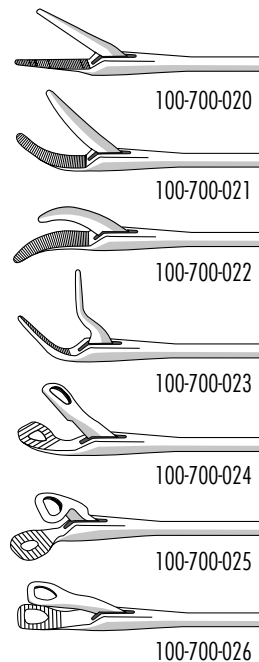


2 mm

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

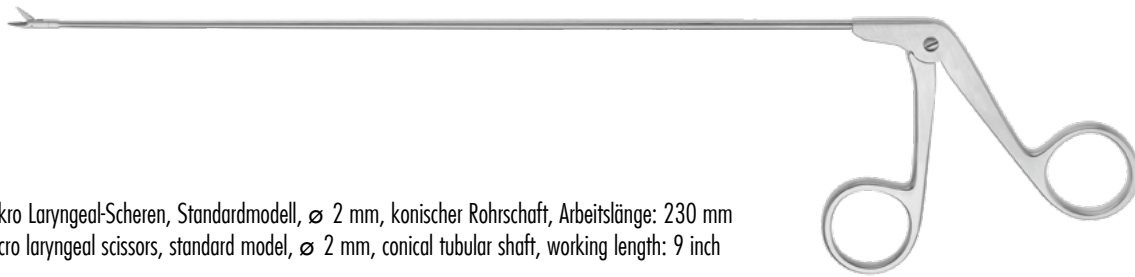
4 mm

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



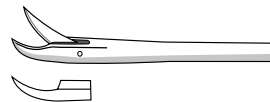
Mikro Laryngeal-Scheren, Standardmodell, $\varnothing$ 2 mm, konischer Rohrschaft, Arbeitslänge: 230 mm
Micro laryngeal scissors, standard model, $\varnothing$ 2 mm, conical tubular shaft, working length: 9 inch



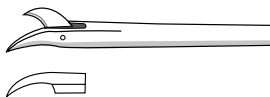
100-700-050 gerade/straight



100-700-051 45° aufgebogen/upcurved



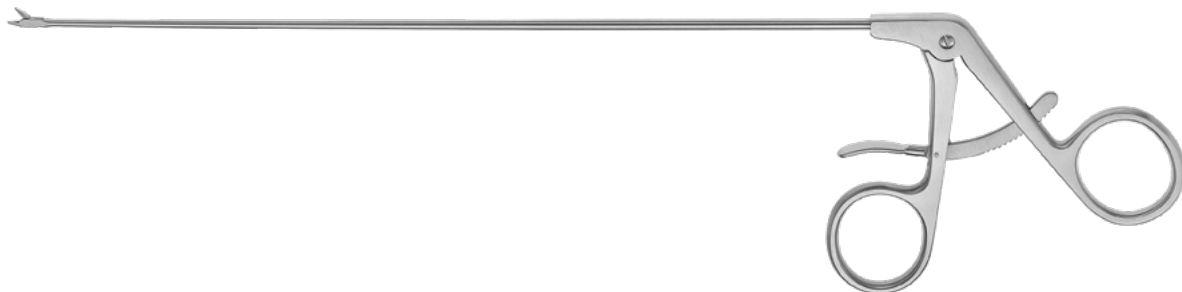
100-700-052 rechts gebogen/curved right



100-700-053 links gebogen/curved left



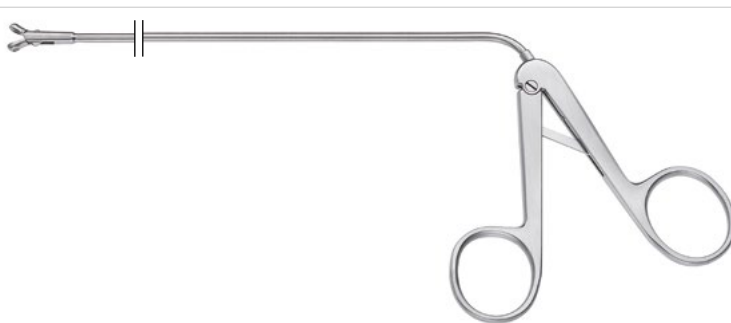
100-700-054 gerade, horizontal schneidend/straight, horizontal cutting



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



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

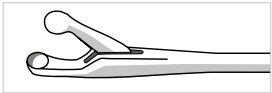


Paediatric Laryngeal Zangen nach Kleinsasser, konischer Rohrschaft, Arbeitslänge: 180 mm
 Pediatric laryngeal forceps, Kleinsasser design, conical tubular shaft, working length: 7 inch



Löffelzängchen/Cupped Forceps

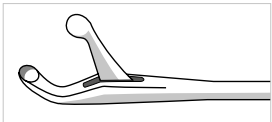
100-712-001 2 mm, gerade/straight



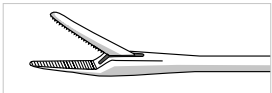
100-712-002 3 mm, gerade/straight



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



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

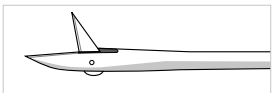


Alligator Zange, gerieft/Alligator Forceps, serrated

100-712-005 gerade/straight

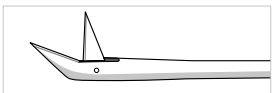


100-712-013 aufgebogen/curved upwards

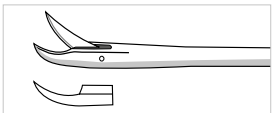


Schere/Scissors

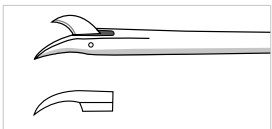
100-712-006 gerade/straight



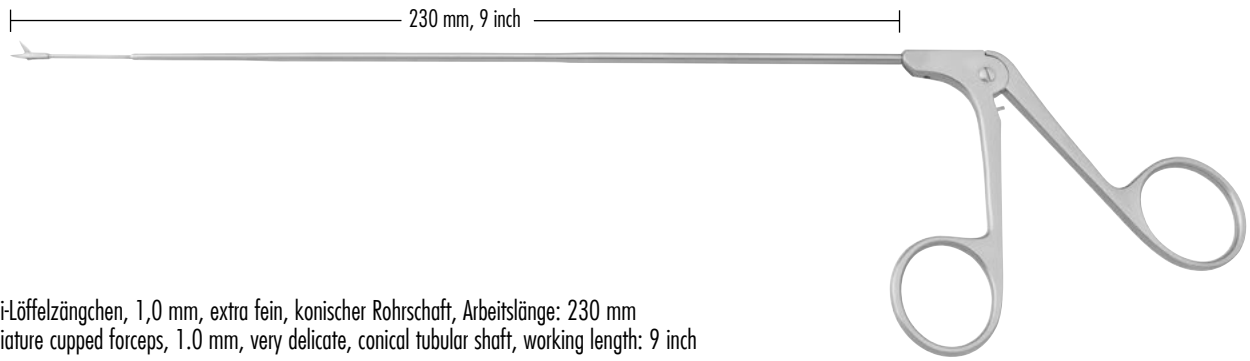
100-712-007 45° abgewinkelt/45° angled



100-712-008 rechts gebogen/curved right



100-712-009 links gebogen/curved left



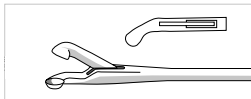
100-710-001 gerade/straight



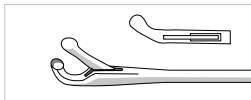
100-710-002 aufgebogen/curved upwards



100-710-003 nach rechts gebogen/curved right



100-710-004 nach links gebogen/curved left



100-710-005 nach rechts aufgebogen/curved upwards right

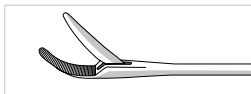


100-710-006 nach links aufgebogen/curved upwards left

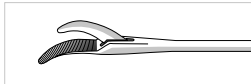
Mini-Faßzängchen, gerieft, extra fein, konischer Rohrschaft, Arbeitslänge: 230 mm
Miniature forceps, serrated, very delicate, conical tubular shaft, working length: 9 inch



100-710-020 gerade/straight



100-710-021 nach rechts gebogen/curved right

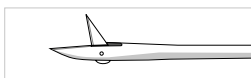


100-710-022 nach links gebogen/curved left

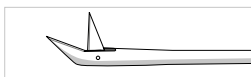


100-710-023 aufgebogen/curved upwards

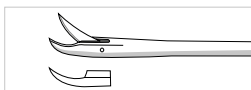
Mini-Scherchen, extra fein, konischer Rohrschaft, Nutzlänge 230 mm
Miniature Scissors, very delicate, conical tubular shaft, working length 9 inch



100-710-050 gerade/straight



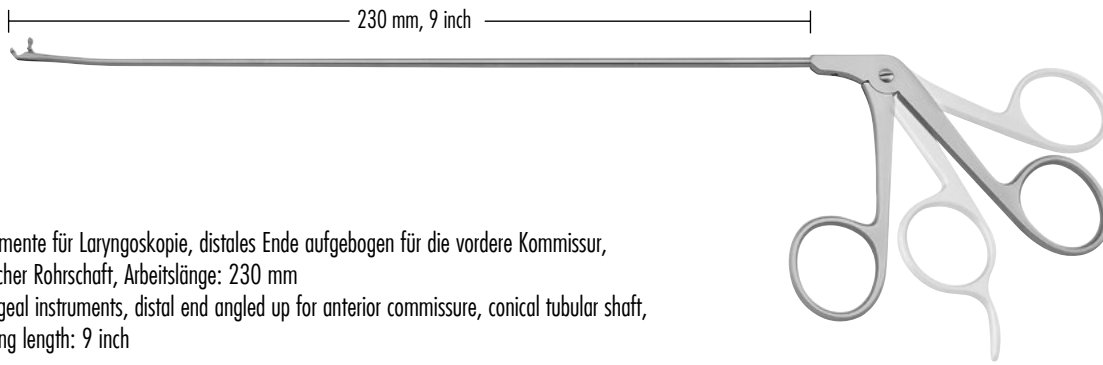
100-710-051 45° aufgebogen/angled 45°



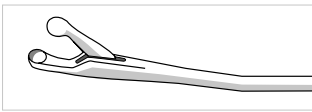
100-710-052 nach rechts gebogen/curved right



100-710-053 nach links gebogen/curved left



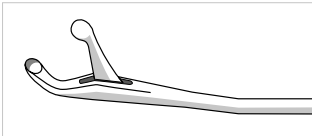
Instrumente für Laryngoskopie, distales Ende aufgebogen für die vordere Kommissur,
konischer Rohrschaft, Arbeitslänge: 230 mm
Laryngeal instruments, distal end angled up for anterior commissure, conical tubular shaft,
working length: 9 inch



Löffelzängchen/cupped forceps, $\varnothing$ 2.0 mm

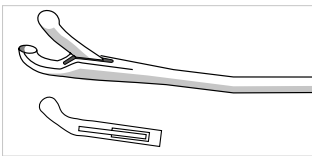
100-715-001 gerade/straight

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



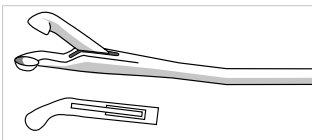
100-715-002 aufgebogen/curved upwards

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



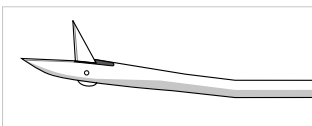
100-715-003 nach rechts gebogen/curved right

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



100-715-004 nach links gebogen/curved left

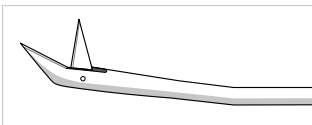
100-725-004 nach links gebogen, Daumenkontrolle/curved left, thumb control



Schere/Scissors

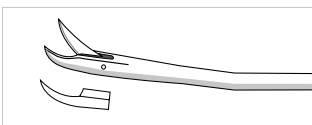
100-715-005 gerade/straight

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



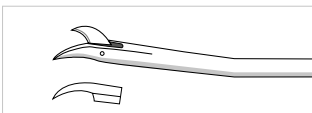
100-715-006 45° aufgebogen/45° angled upwards

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



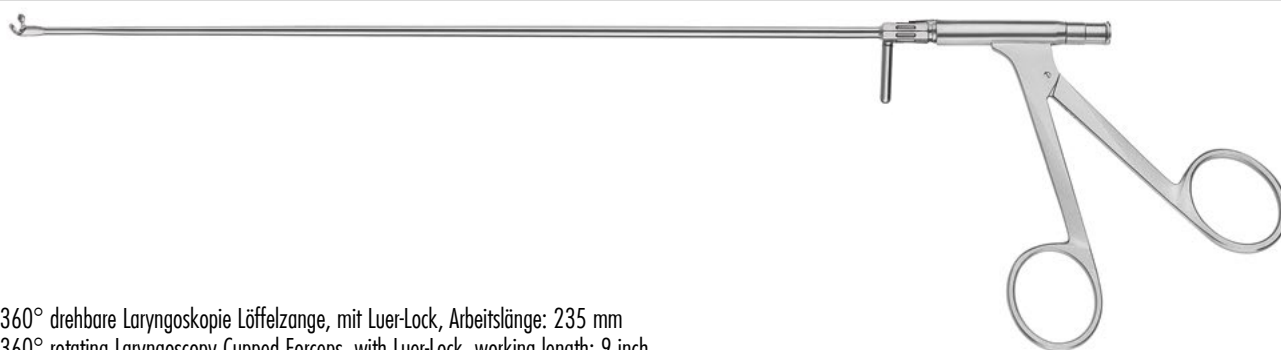
100-715-007 nach rechts gebogen/curved right

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



100-700-503 2mm
rechts gebogen/curved right



100-700-502 2mm
aufgebogen/curved upwards



100-700-504 2mm
links gebogen/curved left

100-700-511 1mm
gerade/straight

100-700-513 1mm
rechts gebogen/curved right

100-700-512 1mm
aufgebogen/curved upwards

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



100-700-521
rechts gebogen/curved right



100-700-522
links gebogen/curved left



100-700-523
aufgebogen/curved upwards



100-700-524
aufgebogen/curved upwards

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



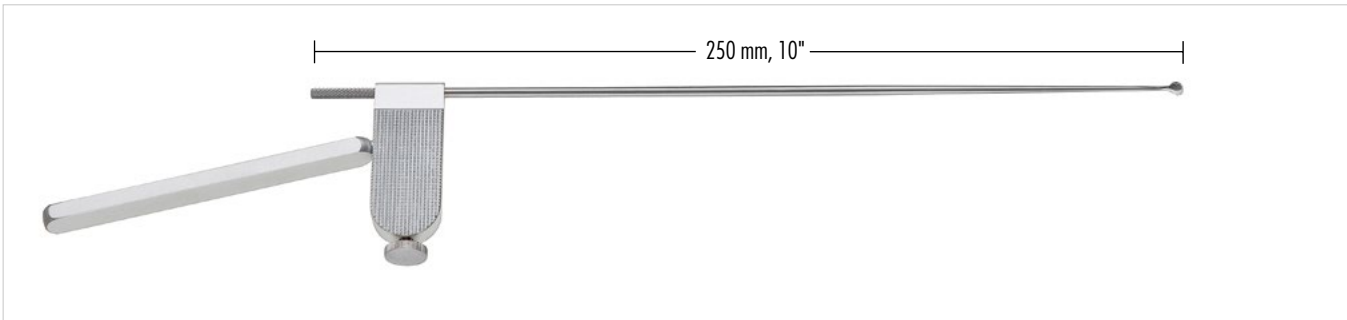
100-700-552
rechts gebogen/curved right



100-700-551
aufgebogen/curved upwards



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

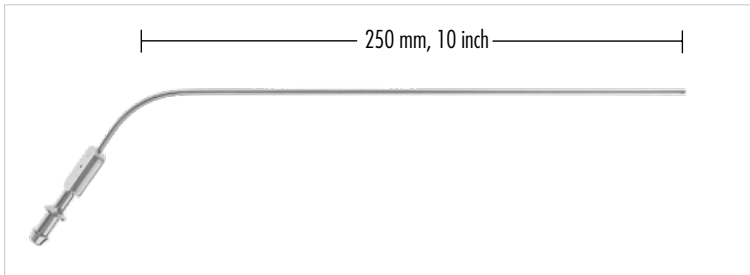
Saugelevator
Elevator with suction channel

100-850-011

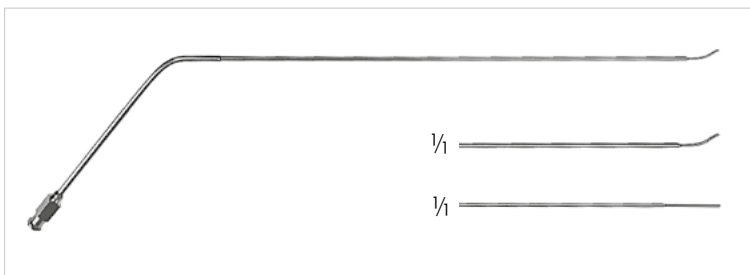
Knotenführer
Knot guide

100-850-012

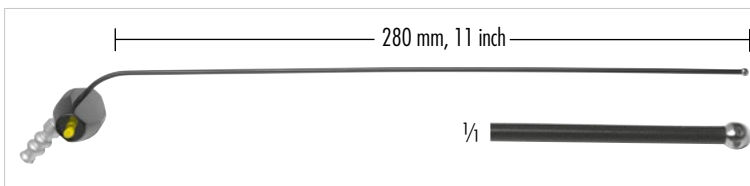
Häkchen, 90°, mit Sondenknopf
Hook with probe end, 90° angled



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 monopolarer Anschluß, abgewinkelt

Insulated cannula for suction and coagulation, **insulated**, with monopolar connection, angled



100-870-000 Fig. 0, für Kinder/ for children
 100-870-001 Fig. 1
 100-870-002 Fig. 2
 100-870-003 Fig. 3
 Zahnschutz aus Metall
 Teeth protector, metal



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

BIPOLAR CABLES



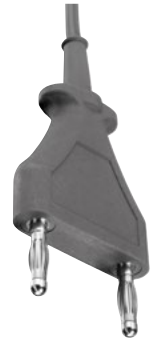
2-banana-pin *



Erbe



Martin, Berchtold,
Aesculap GK55 + sGK60



Valleylab, Lamidey, EMC



3m	700-350-030	700-101-001	700-287-030	700-351-031
5m	700-350-050	700-101-000	700-287-050	700-351-051

3m	700-350-130	700-101-130	700-287-130	700-351-131
5m	700-350-150	700-101-150	700-287-150	700-351-151

MONOPOLAR CABLES



1 banana pin 4mm



Martin, Berchtold,
Aesculap GK55 + sGK60



Erbe



Valleylab, Lamidey,
EMC



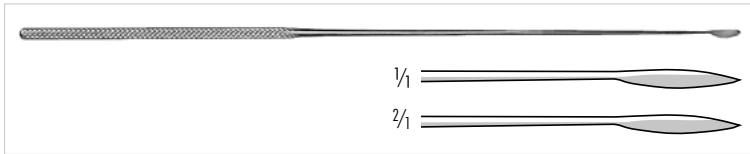
RZ HF Unit
Standard Plug



round-plug 4mm (instrument side)

3m	700-280-030	700-285-030	700-101-030	700-360-031	700-501-303
5m	700-280-050	700-285-050	700-101-050	700-360-051	700-501-503

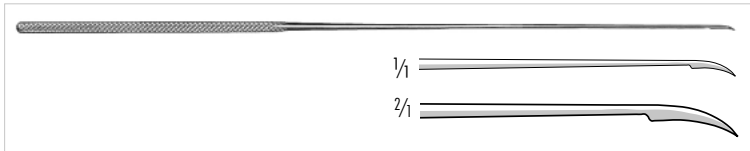
* Innerhalb Europas nicht mit CE-Markierung erhältlich
Not available with CE marking within Europe



100-853-295

JAKO-TYPE

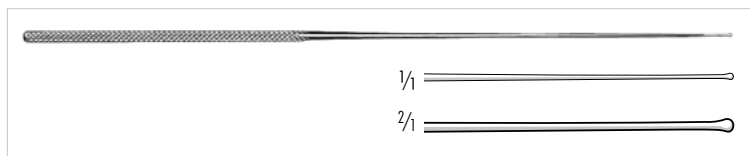
Laryngeal Messer, gerades Blatt, Klingenlänge: 8 mm, 295 mm
 Laryngeal knife, straight blade, blade length: 8 mm, 11 3/4 inch



100-854-295

JAKO-TYPE

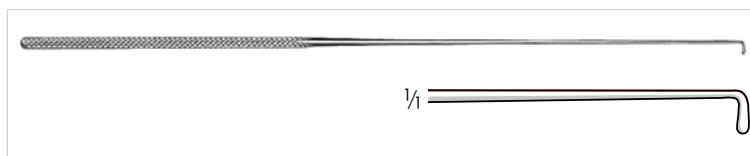
Laryngeal Sichelmesser, Klingenlänge: 8 mm, 295 mm
 Laryngeal sickle knife, blade length: 8 mm, 11 3/4 inch



100-855-300

JAKO-TYPE

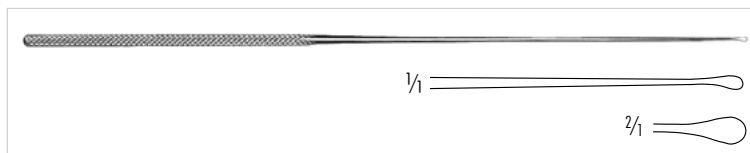
Laryngeal Sonde, gerade, Arbeitslänge: 220 mm, 295 mm
 Laryngeal probe, straight, working length: 8 1/2 inch, 11 3/4 inch



100-856-300

JAKO-TYPE

Laryngeal Sonde, 90° abgewinkelt, Arbeitslänge: 220 mm, 295 mm
 Laryngeal probe, 90° angled, working length: 8 1/2 inch, 11 3/4 inch



100-857-300

JAKO-TYPE

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



100-860-300

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