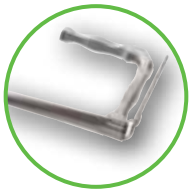
Pilling®



Pilling®

ENT Instruments Catalog







Teleflex®

PILLING® AND KMEDIC®

American Designed. German Engineered. World-class Quality.

Pilling® and KMedic® Branded surgical instruments are made from 100% German and U.S. forgings to ensure the highest quality and impeccable functionality. These instruments are fully guaranteed for the quality of material and workmanship and have been subjected to an established quality control process that consists of a comprehensive product inspection that verifies the form, fit and function of all the instruments.

Pilling® Forceps and Scissors are made of the finest stainless steel, processed to obtain optimum corrosion resistance, resilience and strength.

Ratchets on Pilling® Vascular Clamps provide indispensable finite control for arterial clamping. Ratchets are designed with the steps (1 x 7, 1 x 9, 1 x 11) to furnish the specific amounts of required compression.

Pilling® DeBakey® Jaws are designed to clamp and hold without slipping. Cardiovascular clamps featuring these jaws will grip tissue delicately but firmly, or will completely occlude a vessel, reducing the danger of crushing or causing undue damage to the intima.

The LIFE-LOK® Box-Lock construction of all Pilling® Vascular Clamps and a growing assortment of general instruments has virtually eliminated cracked and broken box-locks. This major improvement materially prolongs the useful life of these expensive instruments and reduces the necessity for repair or replacement.

We are able to provide **laser surface or ebonized finishes** for most stainless steel instruments to provide the appropriate reflection-lowering finish for their use in laser surgery.

We continually strive to improve our products; therefore, changes may result. All specifications and measurements in this Catalog may vary within accepted industry standards or change without notice. Teleflex® will not be responsible for any printing errors contained herein.

Measurements given in our Catalog refer to overall length, unless specified otherwise.

Reproduction of illustrations or descriptions is prohibited without the express written consent of Teleflex®.

For more information on Pilling® and KMedic® Products, or to place an order, contact Customer Service at 866-246-6990.

PILLING® AND KMEDIC® SURGICAL INSTRUMENTS

Guarantee/Warranty

This warranty information may be modified from time to time by Teleflex®. Please check the Pilling® Instruments online catalog website for the most current warranty information: Pillinginstruments.com

Except as provided below, all surgical instruments stamped or etched with the Pilling® or KMedic® Brand shall be free from manufacturing defects in material or workmanship for the life of the instrument. Teleflex®'s sole responsibility under all warranty shall be, at Teleflex®'s option, to either repair, replace or refurbish any instrument proving defective, free of charge. Teleflex® makes no warranty with respect to In-Ex branded instruments, lenses, malleable items, micro instruments, bougies and disposable products. This guarantee is void if instruments are not maintained or repaired properly, or if they are not used for their intended surgical purpose.

LIFE-LOK® BOX-LOCK

Pilling® Instruments that feature the LIFE-LOK® box-lock are warranted not to break or crack in the box-lock area due to stress buildup for the life of the instrument.

NEEDLE HOLDERS

Pilling® Needle Holders containing Tungsten Carbide (TC) inserts are warranted against cracking or fragmenting in the jaw for three (3) years.

TUNGSTEN CARBIDE INSERTS

KMedic® Scissors, Needle Holders and Wire Cutters that obtain Tungsten Carbide (TC) inserts are guaranteed for three (3) years. Replacement parts, such as springs, are guaranteed for one (1) year.

NON-DISPOSABLE LAPAROSCOPIC INSTRUMENTS

Pilling® Non-Disposable Laparoscopic Instruments are warranted against failure in normal use for one (1) year. This warranty does not cover routine sharpening or refurbishment, or repair of damage caused by misuse.

The above warranties are contingent upon the proper maintenance and use of the instruments and do not cover instruments that have been modified without Teleflex®'s approval or which have been subjected to unusual stress, or on which the original identification marks have been removed or altered.

TELESCOPES AND LIGHT CARRIERS

All light carriers and Rod Lens Telescopes etched with the Pilling® Name shall be free from manufacturing defects in material or workmanship. Any parts proving defective in the first 12 months of ownership will be serviced, repaired or replaced at Teleflex®'s option, free of charge.

This limited warranty is the only warranty provided by Teleflex®. Teleflex® disclaims all other warranties, either express or implied, including but not limited to implied warranties of merchantability and fitness for particular purpose. In no event shall Teleflex® have any liability for indirect, consequential, special, incidental or punitive damages, however caused, on any theory of liability and whether or not it has been advised of the possibility of such damages.

CARE AND CLEANING

High quality surgical instruments are typically made from surgical grade stainless steel (i.e., 410, 420, etc.). The grade varies by manufacturer and by type of instrument. For example, a scissor may be fabricated of 420 stainless steel to enable the blades to be hardened adequately for long life. A forceps on the other hand usually does not require the same hardness, and may be fabricated from a 410 grade.

Malleable retractors are made of yet another grade. The grade of stainless steel selected for specific instruments is critical for long serviceability. The grade of steel reflects its hardness and its resistance to corrosion. Unfortunately, there is an inverse relationship; that is, the more the steel can be hardened, the greater its susceptibility to corrosion.

In an effort to reduce corrosion problems, Teleflex® specially treats (passivates) its instruments to make the surface less chemically active with its environment. All Weck® Instruments feature this special high gloss finish. This finish reduces the number of pits in the instrument, which in turn reduces the number of sites where corrosion can occur. These steps are necessary due to the environment, which is very harsh as a consequence of the composition of blood and other fluids, the chemicals used to clean and disinfect the instruments, and finally the methods used to sterilize them.

USE

Use instruments for their intended purpose only.

CLEANING

Instruments should be thoroughly cleaned with cleaners such as: Wec-Kleen®, Weck® Liquid Detergent, Weck Instrument Cleaner or Wec-Wash® as soon as possible after use. Once blood or other foreign matter has dried, removal is very difficult. If left in place these contaminants can provide sites for corrosion to begin. Distilled water (pH near 7) is recommended for soaking and cleaning instruments. If cleaning manually, avoid use of wire brushes or abrasive powders as these can create sites for corrosion. An ultrasonic cleaner is recommended.

CARE

After a thorough cleaning, instruments with moving parts should be lubricated using a product such as Weck-Lube® or Wec-Kreem® to keep surfaces lubricated. It is important to use water soluble lubricating agents only.

STERILIZATION

The use of repeated flash cycles is damaging to instruments; therefore, a standard steam cycle is preferred. Instruments should be arranged in an open position and instruments fabricated from different metals should be separated to avoid electrochemical reactions. Refer to the sterilizer manufacturer's instructions and AORN guidelines for proper sterilization techniques.

MAINTENANCE

Routine inspection for damaged tips, jaw alignment, loose box-locks and worn or damaged ratchets can identify problems. If caught early these problems can often be repaired at a much lower cost than the replacement price of an instrument which has become damaged beyond repair. Contact your Teleflex® Sales Representative to see the Weck® Care and Cleaning Products, set up an instrument inspection program, and review our extensive repair capabilities.

To locate Instructions For Use (IFU) and Cleaning and Sterilization Instructions for Pilling® Instruments, go to: www.teleflex.com/ifu.

POLICIES AND PROCEDURES

REFURBISHING/REPAIR SERVICE

Even the finest surgical instruments may need to be repaired or refurbished. Teleflex recognizes the need to provide rapid responses and quick turnaround times in these situations.

We accept all brands and types of surgical instruments in need of refurbishment or repair. To expedite your repair, include hospital name and address, department to return, and a contact name and phone number. Any surgical instrument which needs refurbishing or repair, regardless of manufacturer, should be forwarded to:

Teleflex
Surgical Instrument Repair
4177 Varsity Drive Unit B
Ann Arbor, MI 48108
(877) TFX- RPR1
(877) 839-7771

TERMS AND CONDITIONS

Standard terms are: net 30 days; F.O.B. shipping point, unless otherwise approved in writing by Teleflex.

All orders are subject to approval and acceptance by Teleflex.

Teleflex reserves the right to alter or suspend credit, refuse shipment or cancel unfilled orders, when credit conditions or delivery delays from the customer warrant such action.

PARTIAL SHIPMENTS AND SPECIAL ORDERS

Due to demand for certain products, Teleflex cannot guarantee that every product will be available for immediate shipment. If a back order situation occurs, partial shipment will be made where possible. Your invoice will indicate any product on back order.

If partial shipments are not acceptable or practical, we will make every effort to ship the complete order at the earliest possible time.

Certain products are built to order and are subject to availability of raw materials. These products may require longer lead times.

RETURN GOODS POLICY

All returns must be accompanied by a "Return Goods Authorization Number" which is available by calling our Customer Service Department at 866-246-6990. Teleflex's invoice number, order number and date of receipt of goods must be supplied to customer service in order to obtain a return goods number.

All returns must be made within sixty (60) days of invoice date. The products must be unused and in the original packaging.

Returned goods must be shipped prepaid to:
Teleflex
11425 N. Distribution Cove
Olive Branch, MS 38654

The goods should also be accompanied by a copy of the invoice or packing list and a return goods authorization number. All returns are subject to the Teleflex instrument's inspection and acceptance and there will be a $5.00 per instrument charge for removal of etching applied at the customer's request. The following items are non-returnable, other than for a manufacturing defect:

- Sterilized products
- Discontinued products
- Engraved instruments or instruments etched by hospital
- Instruments returned after sixty (60) days of invoice date
- Custom or modified items
- Silicone goods
- Disposable products

EAR, NOSE AND THROAT (ENT) INSTRUMENTS

PILLING® – YESTERDAY, TODAY, AND TOMORROW

For more than 200 years, we've maintained the standard of quality and service that defines Pilling® Surgical Instruments.

For nearly 200 years, quality Pilling® Instruments have been provided to surgeons across the world to help improve the standard of patient care. The Pilling® Brand is especially known globally in the CVT and ENT specialties with numerous proprietary instruments co-developed with leading surgeons in these fields.

George P. Pilling joined a company started in 1814 that fashioned jewelry and fraternal emblems and guided the business into a new role. As hospitals in the Philadelphia, Pennsylvania area needed new tools to provide improved care for their patients, the Pilling Company met that important need and established itself as the oldest surgical instrument manufacturer in the United States.

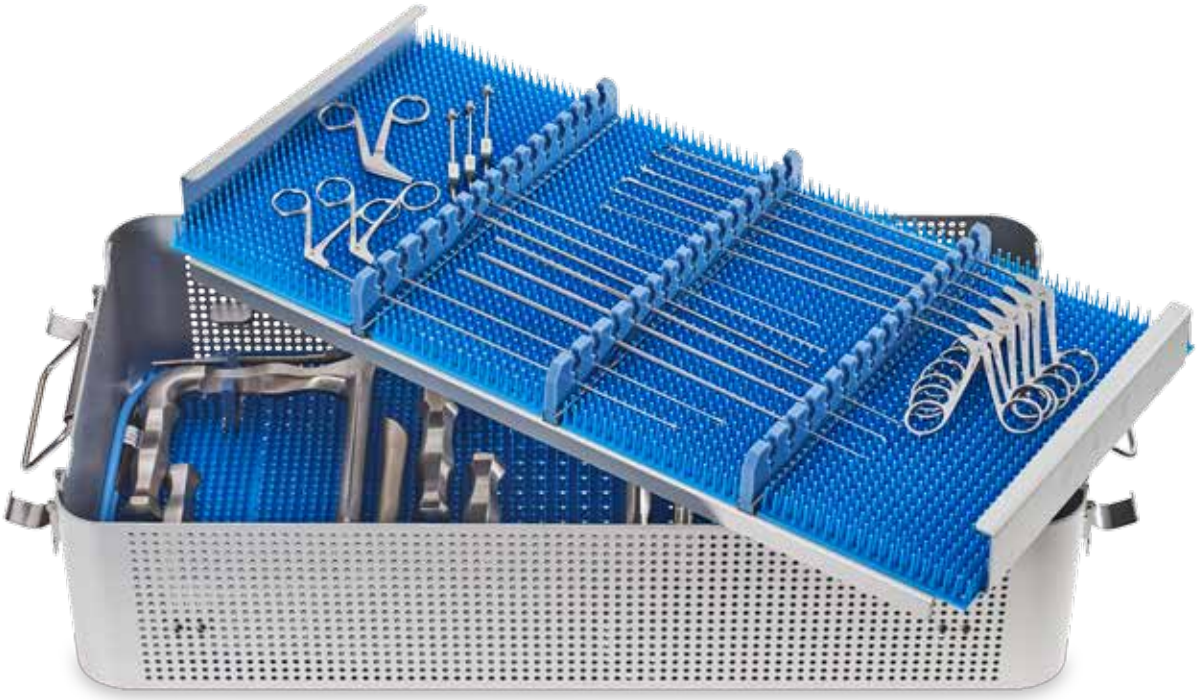
Today, the Pilling® Brand is recognized worldwide for excellence achieved in the area of Ear, Nose and Throat surgical instrumentation, which has established Teleflex as a market leader in the Otolaryngology specialty with our rigid endoscopes. A wide selection of unique designs, patterns and proprietary Pilling® ENT Instruments co-developed with leading surgeons are provided to customers across the world to help improve the standard of patient care.

Our ENT Pilling® Instruments meet your hospital's needs in the ENT specialty by offering high quality OR grade instruments made of 100% German and U.S. stainless steel. We offer a full line of rigid endoscopes – laryngoscopes, bronchoscopes and esophagoscopes – along with many laryngeal, bronchial and esophageal instruments used during endoscopic surgical procedures. Biopsy forceps, grasping forceps, retrieval forceps, aspirating tubes and other related instruments have been designed specifically in length and diameter to work with Pilling® Scopes.

PRODUCTS

Our full line of Pilling® ENT Scopes, Tracheostomy Tubes, Bougies and Dilators includes the following:

- Laryngoscopes
- Bronchoscopes
- Esophagoscopes
- Tracheostomy Tubes
- Dilators
- Maloney and Hurst Bougies
- Related Instrumentation





LARYNGOSCOPES



NEW!
Ossoff-Pilling® Video Laryngoscope
522194
See pg. 25 for details.

PILLING® LARYNGOSCOPES

Offering one of the largest selections of laryngoscopes in the world today, Pilling® Scopes include designs by leading surgeons. All laryngoscopes have fiberoptic light carriers.

LARYNGOSCOPE AND LASER LARYNGOSCOPE
PATIENT SIZE LISTING

NEONATE/INFANT
LARYNGOSCOPES

521500	Holinger
521550	Jackson
522002	Holinger

CHILD/PEDIATRIC
LARYNGOSCOPES

521450	Tucker
521552	Jackson
521820	Jackson Direct
522004	Tucker-Anterior
522216	Jako III
522222	Pilling®-Dedo

CHILD/PEDIATRIC
LASER LARYNGOSCOPES

522237	Ossoff-Karlan-Dedo

CHILD/PEDIATRIC
SUBGLOTTISCOPES

522242	Healy Pediatric Subglottiscope

ADOLESCENT
LARYNGOSCOPES

521455	Tucker Slide
521554	Jackson
522209	Jako-Cherry Type III
522224	Dedo

LASER LARYNGOSCOPES

522238	Ossoff-Karlan
522292	Pilling® Double-Action

ADULT
LARYNGOSCOPES

521460	Tucker
521465	Tucker
521556	Jackson
521558	Jackson
521824	Jackson Direct
522010	Holinger
522012	Holinger
522040	Holinger
522030	Holinger
522032	Holinger
522045	Holinger
522206	Jako-Micro Type III
522225P	Pilling®-Dedo
522229	Abramson-Dedo

LASER LARYNGOSCOPES

522290	Pilling®-Dedo
522291	Pilling®-Ossoff
522193	Pilling®-Ossoff Video
522228	Dedo Micro
522243	Dedo Extra Long
522231	Ossoff-Karlan-Dedo
522232	Ossoff-Karlan-Jako
522233	Ossoff-Karlan
522229	Abramson-Dedo

SUBGLOTTISCOPES

522244	Ossoff
522245	Ossoff

LARYNGOSCOPES

Teeth Guards

TEETH GUARDS



502275

These nylon teeth guards were designed as protection for the patient's teeth against pressure that may be exerted during insertion and positioning of a laryngoscope.

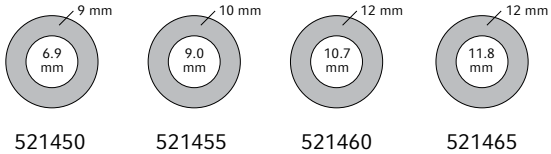
CATALOG #	DESCRIPTION
502275	Adult size teeth guards, box of 24 pair
502276	Adult size teeth guards, box of 3 pair

Laryngoscopes/Monocular View

TUCKER MID-LIGHTED SIDE SLIDE LARYNGOSCOPES



521465



521450 521455 521460 521465

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

A standard Jackson Slide Laryngoscope with a mid-line fiber optic light carrier and Tucker modification of a side slide. The side slide removal allows for easy introduction of the bronchoscope. The shortened light carrier facilitates the use of the instrument in the vallecula to minimize the shadow cast by the epiglottis when introducing a bronchoscope. Supplied with one light carrier. Cable sold separately (pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
521450	Child	91 mm	6.9 mm	9.0 mm	14.0 mm	526510
521455	Adolescent	106 mm	9.0 mm	10.0 mm	17.0 mm	526512
521460	Adult	121 mm	10.7 mm	12.0 mm	19.0 mm	526515
521465	Long Adult	160 mm	11.8 mm	12.0 mm	19.0 mm	526516

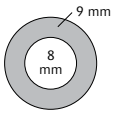
LARYNGOSCOPES

Laryngoscopes/Monocular View

HOLINGER INFANT (NEWBORN) SLIDE LARYNGOSCOPE



521500



521500

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**

Supplied with a very small light carrier to permit maximum lumen. Cable sold separately (pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
521500	Infant	82 mm	8.0 mm	9.0 mm	14.0 mm	526204

LARYNGOSCOPES

Laryngoscopes/Monocular View

JACKSON STANDARD FIBER OPTIC SLIDE LARYNGOSCOPES



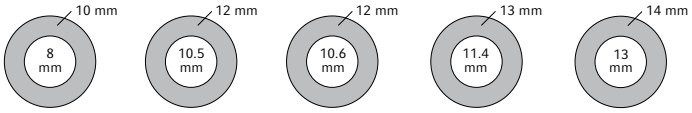
521552



521554

The Jackson Standard Slide Laryngoscope is considered the standard scope and is used not only for introduction of a bronchoscope but also for operating in the larynx. Removable slide at bottom of scope. Supplied with one light carrier. Cable sold separately (pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
521550	Infant	95 mm	8.0 mm	10.0 mm	16.0 mm	526000
521552	Child	125 mm	10.5 mm	12.0 mm	17.0 mm	526006
521554	Adolescent	160 mm	10.6 mm	12.0 mm	17.0 mm	526018
521556	Adol/Adult	160 mm	11.4 mm	13.0 mm	18.0 mm	526018
521558	Adult	160 mm	13.0 mm	14.0 mm	21.0 mm	526018



521550 521552 521554 521556 521558

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**

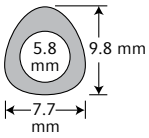
LARYNGOSCOPES

Laryngoscopes/Monocular View

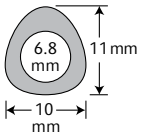
JACKSON DIRECT OR ANTERIOR COMMISSURE LARYNGOSCOPES



521820



521820



521824

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

The distal tip and arrangement of the light carrier in the Jackson Anterior Commissure Laryngoscope are constructed for best vision and avoidance of trauma, especially going through the glottis into the trachea without injury to the cords. The scope is long enough to also be used as a tracheascope in many cases. Supplied with one light carrier. Hook handle. Cable sold separately (pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
521820	Child	133 mm	5.8 mm	7.7 x 9.8 mm	13.6 mm	526008
521824	Adult	173 mm	6.8 mm	10 x 11 mm	16.0 mm	526026

LARYNGOSCOPES

Laryngoscopes/Monocular View

HOLINGER ANTERIOR COMMISSURE LARYNGOSCOPES



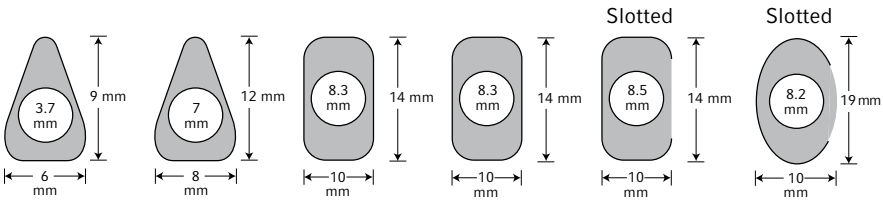
522012



522040

The Holinger Anterior Commissure Laryngoscope incorporates the principle of the Yankauer post-nasal speculum. The distal end of the superior surface of the tube rises obliquely and flares laterally and the proximal portion drops obliquely. This increases the lumen and gives a larger field for work by elevating the tuberculum of the epiglottis. Supplied with one light carrier. Cable sold separately (pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522002	Infant	97 mm	3.7 mm	6 x 9 mm	9.8 mm	526206
522004	Child	120 mm	7.0 mm	8 x 12 mm	13.0 mm	526210
522010	Adult	170 mm	8.3 mm	10 x 14 mm	19.0 mm	526028
522012	Adult Extra-Long	180 mm	8.3 mm	10 x 14 mm	19.0 mm	526038
522040	Adult "Slotted"	170 mm	8.5 mm	10 x 14 mm	19.0 mm	526028
522045	Adult "Slotted"	170 mm	8.2 mm	10 x 19 mm	20.0 mm	526212



522002 522004 522010 522012 522040 522045

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

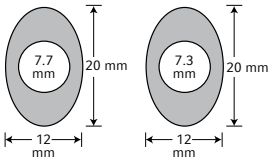
LARYNGOSCOPES

Laryngoscopes/Monocular View

HOLINGER "HOUR GLASS" ANTERIOR COMMISSURE LARYNGOSCOPES



522032



522030 522032

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

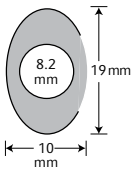
The Holinger "Hour Glass" Anterior Commissure Laryngoscope accentuates the flare tip and enlarged proximal opening of the original Holinger Laryngoscope. The center portion, which is markedly constricted, and the very small light carriers give a minimal external diameter for ease in introduction while providing maximum exposure of the vocal cords for endolaryngeal surgery. Supplied with one light carrier. Cable sold separately (pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522030	Adult	171 mm	7.7 mm	12 x 20 mm	20.2 mm	526212
522032	Adult Extra-Long	181 mm	7.3 mm	12 x 20 mm	20.4 mm	526214

HOLINGER "SLOTTED" ANTERIOR COMMISSURE LARYNGOSCOPE



522045



522045

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

The Holinger "Slotted" Anterior Commissure Laryngoscope is a Holinger "Hour Glass" Laryngoscope that has been modified with an open slot on the working right side of the instrument. This modification allows greater latitude of forceps manipulation and may be useful in vocal cord injection procedures. Supplied with one light carrier.

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522045	Adult "Slotted"	170 mm	8.2 mm	10 x 19 mm	20.0 mm	526212

LARYNGOSCOPES

Micro-Laryngoscopes/Binocular View

PILLING® MICRO-LARYNGOSCOPES

Pilling® Micro-Laryngoscopes fulfill the need for maximum illumination and light intensity in microsurgery. The lighting systems on the micro-laryngoscopes provide more than adequate illumination for microsurgery and diagnosis when used under high microscopic magnification. These laryngoscopes were designed with direction from leading surgeons to meet their demanding requirements.



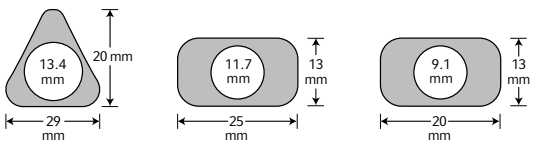
JAKO MICRO-LARYNGOSCOPE TYPE III



522206



522209



522206 522209 522216

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

The Jako Micro-Laryngoscope Type I has been considered the standard scope for micro-laryngoscopy. However, Pilling® offers the Jako Micro-Laryngoscope Type III because of its superior design. It is identical in size and configuration to the Type I and Type II, but the Type III scope features an improved lighting system which diverts the fiber optic cable out of the way of the surgeon's hands. Additionally, a bifurcated light carrier running down each side of the laryngoscope barrel provides bilateral illumination, which minimizes shadows from the instruments as they approach vocal cord lesions. Because of these additional benefits, Pilling® is pleased to offer the Jako Micro-Laryngoscope Type III. Supplied with one bifurcated light carrier. Cable sold separately (pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522206	Adult	178 mm	13.4 mm	29.0 x 20.0 mm	34.0 mm	526526
522209	Adol.	149 mm	11.7 mm	25.0 x 13.0 mm	30.0 mm	526527
522216	Child	120 mm	9.1 mm	20.0 x 13.0 mm	25.0 mm	526528

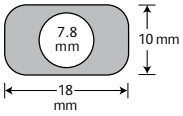
LARYNGOSCOPES

Micro-Laryngoscopes/Binocular View

JAKO-CHERRY MICRO-LARYNGOSCOPE TYPE II (NEWBORN)



522220



522220

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

The Jako-Cherry Micro-Laryngoscope Type II is identical in size and configuration to the Type I. However, the Type II scopes are supplied with two extra-large diameter light carriers permanently connected to 72" light transmission cables (picture pg. 17).
Micro-Laryngoscopes fulfill the need for maximum illumination and light intensity in microsurgery.

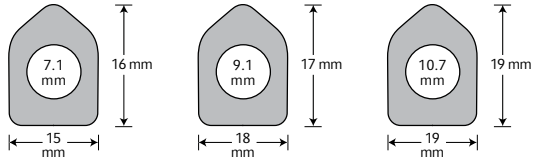
CATALOG #	SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522220	Newborn	114 mm	7.8 mm	18 x 10 mm	25.0 mm	527825 (R) 527820 (L)

** (R) indicates right light carrier, (L) indicates left light carrier*
Not to be included in the Catalog Number

DEDO-PILLING® MICRO-LARYNGOSCOPE (OUR MOST POPULAR)



522225P



522222 522224 522225P

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

The Dedo-Pilling® Micro-Laryngoscopes have been designed to provide the ability to examine the vocal cords at the anterior commissure in the majority of patients: for example, patients with bull necks, short jaws or prominent upper teeth. The dimensions of the Dedo-Pilling® Micro-Laryngoscopes are narrow enough between the light carriers to permit moving the instrument off the incisors and down between the molars to permit visualization of the anterior commissure. The fiber optic light carriers are adjacent to the handle with a metal protected fiber optic bundle which runs in a groove in the handle. When used with the operating microscope equipped with a 400 mm lens, the Dedo-Pilling® Micro-Laryngoscope affords binocular vision for microendoscopy. Supplied with one bifurcated light carrier. Cable sold separately (pg. 81).

CATALOG #	SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522222	Child	119 mm	7.1 mm	15.0 x 16.0 mm	22.0 mm	526524
522224	Adol.	145 mm	9.1 mm	18.0 x 17.0 mm	25.0 mm	526529
522225P	Adult	178 mm	10.7 mm	19.0 x 19.0 mm	27.0 mm	526525

LARYNGOSCOPES

Micro-Laryngoscopes/Binocular View

ABRAMSON-DEDO MICRO-LARYNGOSCOPE



522229

For Difficult Intubations

The Abramson modification of the Dedo-Pilling® Micro-Laryngoscope was designed to increase the efficiency of Venturi®-type ventilation. It provides the physician with a choice of six positions for placement of the Venturi® Needle (up to 14 Ga.). The inside is finished to be nonreflective, and 14 Ga. blunt needles may be used for smoke evacuation. It comes supplied with a set of right and left light carriers, two 12" 14 Ga. blunt needles and two Luer-Lok® Adapters for use with Sanders system tubing.

CATALOG #	SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522229	Adult	177 mm	12 mm	18.4 x 19 mm	28.0 mm	527586 (R) 527587 (L)

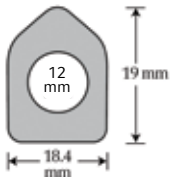
** (R) indicates right light carrier, (L) indicates left light carrier*
Not to be included in the Catalog Number

Venturi Ventilating Needles

CATALOG #	DESCRIPTION
502594	Replacement ventilating needle, 14 Ga., 5-3/8" (13.5 cm)
502600	Replacement ventilating needle, 14 Ga. bent 90 degrees, 4" (10 cm)
522241	Replacement ventilating needle, 14 Ga., blunt, 12" (30.5 cm)

LEGEND

A,C,D,F	Channels for ventilating needle up to 14 gauge
B, E	Channels for light carriers or ventilating needles
G, H	Ventilating needles and adapters
I, J	Light carriers
K	Luer-Lok® Hubs to fit tubing adapter



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

522229



502594



502600



522241

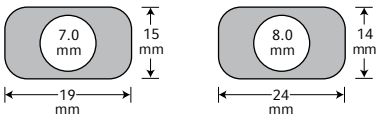
LARYNGOSCOPES

Micro-Laryngoscopes/Binocular View

NEW OSSOFF-PILLING® MICRO-LARYNGOSCOPE



522190



522190 522191

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

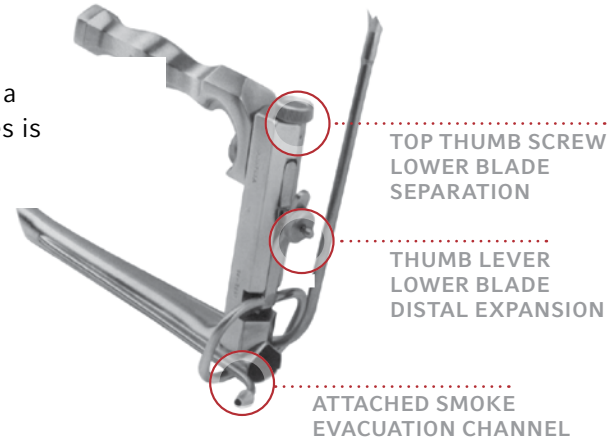
Available in two proximal widths. The 25.5 mm width can be introduced in most patients and is easily aligned with the microscope (400 mm objective). The 19 mm scope has the narrowest width capable of absorbing both microscope sight lines and can be used in most patients who previously could accept only the original Holinger scope.

- Holinger distal end, ease of introduction, excellent visualization.
- 19 or 25.5 mm proximal widths, increases patient selection for micro procedures.
- Standard adult handle, can be used with most suspension systems, B.U. suspension handle available as option.
- Single light carrier, external tube dimensions are kept to a minimum.
- Laser finish, laser safety.
- Supplied with one light carrier. Cable sold separately (pictured pg. 81).

CATALOG #	SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522190	Adult	168 mm	7.0 mm	19.0 x 15.0 mm	22.0 mm	527864
522191	Adult	168 mm	8.0 mm	24.0 x 14.0 mm	27.0 mm	527865

PILLING® LASER LARYNGOSCOPES

The use of lasers for ablative surgery for tissue removal has become increasingly popular. To meet the demand, a complete line of Pilling® Laryngoscopes and Accessories is available for use in laser surgery procedures. All of our laser instruments have a non-reflective, dull finish to reduce the chance of the laser beam reflecting off the instrument.



PILLING® BIVALVE LASER LARYNGOSCOPES

These special scopes are modified designs of the Pilling®-Dedo Anterior Commissure and Ossoff Posterior Commissure Micro and Laser Laryngoscopes.

- The Dedo Anterior Commissure Scopes provide minimal chance of teeth breakage, yet offer optimum microscopic visibility.
- The Ossoff Posterior Commissure Scopes provide the ability to lift the endotracheal tube and permit entrance and microscopic visibility beyond the vocal cords.
- These scopes provide increased visibility at the surgical site through expansion and distension of the split tubes.

PILLING®-DEDO DOUBLE-ACTION LASER LARYNGOSCOPES

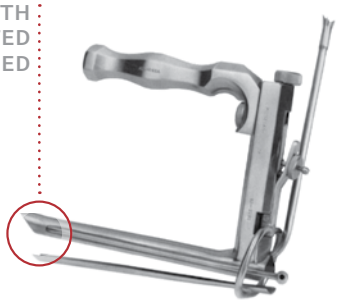
- Lower blade separation provides an increased operative area for ease of instrumentation.
- Distal expansion of the lower blade allows maximum visibility of the cords and beyond.
- Non-reflective internal surface minimizes laser beam deflection.
- Removable handle reduces weight during insertion. This handle can be attached to the standard laryngoscope holder (502245), or Tobey Laryngoscope Holder (502248), or adapted for use with the Boston University System (502260).
- Smoke evacuation channel is permanently attached and extends distally for maximum removal of laser plume.
- One large fiberoptic light carrier is supplied with attached cable for optimum distal lighting.

Both styles of bivalve Laser Laryngoscopes have O.D. measurements which can exceed the anatomical limits for their intended patient size.
A thumb operated lever enables the physician to tactilely gauge the degree of pressure exerted.

DOUBLE-ACTION TYPE WITH LOWER BLADE SEPARATED



DOUBLE-ACTION TYPE WITH LOWER BLADE SEPARATED AND EXPANDED



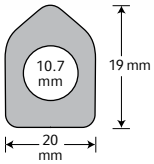
LARYNGOSCOPES

Laser Micro-Laryngoscopes

DEDO LASER MICRO-LARYNGOSCOPE



522228



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

522228

The Dedo Laser Micro-Laryngoscope was designed specifically for use with the CO_2 laser. It is supplied with two light carriers permanently attached to fiber optic cables (picture pg. 17) and features a non-reflective, dull interior finish. Its large oval light carriers provide maximum illumination, and it contains an integral aspirating channel for automatic smoke and steam evacuation. The same narrow dimensions as the standard Dedo-Pilling® Micro-Laryngoscope allow its use in many cases in which larger micro-laryngoscopes are contraindicated.

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522228	Adult	177 mm	10.7 mm	20.0 x 19.0 mm	32.0 mm	527860

LARYNGOSCOPES

Laser Micro-Laryngoscopes

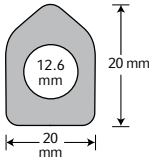
DEDO-PILLING® LASER LARYNGOSCOPE EXTRA-LONG



522243

Designed for the patient with a great distance between the teeth and vocal cords. Supplied with two light carriers permanently attached to fiber optic cables.

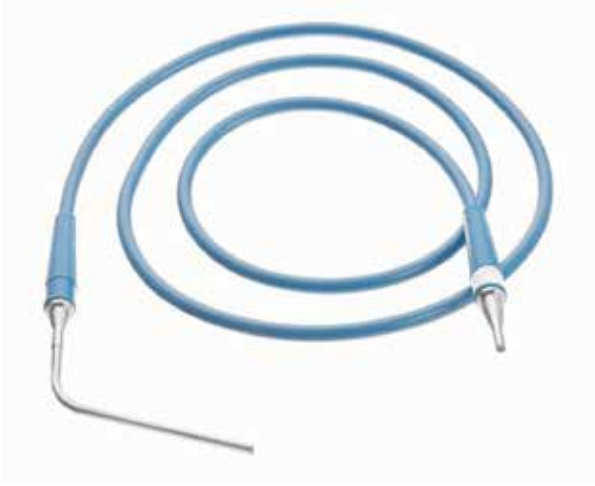
CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	REPLACE CARRIER
522243	Adult X-Long	197 mm	12.6 mm	20.0 x 20.0 mm	527860



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

522243

SINGLE ONE-PIECE FIBER OPTIC LIGHT CARRIERS/CABLES



527860

Light carriers are permanently attached to fiber optic cables which provide maximum illumination.

LIGHT CARRIER/ CABLE #	SCOPE
527800 (L)	522232 Ossoff-Karlan-Jako Laser Laryngoscope, adult
527805 (R)	522232 Ossoff-Karlan-Jako Laser Laryngoscope, adult
527820 (L)	522220 Jako-Cherry Laryngoscope Type II, newborn
527825 (R)	522220 Jako-Cherry Laryngoscope Type II, newborn
527830 (R)	522242 Healy-Jako Pediatric Subglottiscope
527835 (L)	522242 Healy-Jako Pediatric Subglottiscope
527850	522311 Improved Tucker Mediastinoscope, long
527853	522306 Improved Tucker Mediastinoscope, short
527860	522228 Dedo Laser Laryngoscope 522231 Ossoff-Karlan-Dedo Laser Laryngoscope 522233 Ossoff-Karlan Posterior Commissure 522243 Dedo Laser Laryngoscope, extra-long 522244 Ossoff Adult Subglottiscope, female 522245 Ossoff Adult Subglottiscope, male 522290 Pilling® Dedo DA Laryngoscope, adult 522291 Pilling®-Ossoff Double-Action Laryngoscope
527862	522238 Ossoff-Karlan Adolescent Laser Laryngoscope
527863	522237 Ossoff-Karlan Child Laser Laryngoscope 522292 Pilling® Dedo DA Adolescent Laryngoscope

** (R) indicates right light carrier, (L) indicates left light carrier*
Not to be included in the Catalog Number

LARYNGOSCOPES

Laser Micro-Laryngoscopes

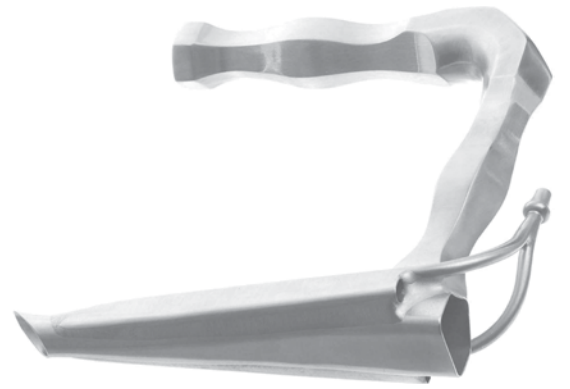
OSSOFF-KARLAN-DEDO LASER MICRO-LARYNGOSCOPES



522231



522237

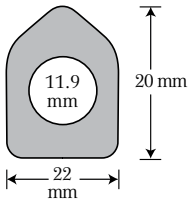


522238

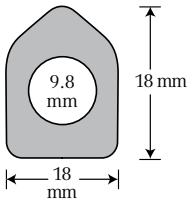
The Ossoff-Karlan-Dedo Laser Micro-Laryngoscopes are modifications of the Dedo and Jako Micro-Laryngoscopes with additions of special features for laser surgery. Supplied with two light carriers permanently attached to cables (picture pg. 17). Features:

- Bifurcated smoke evacuation channels.
- Non-reflective, dull interior finish.
- Large oval light carriers for maximum illumination.

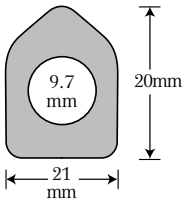
CATALOG #	SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522231	Adult	178 mm	11.9 mm	22.0 x 20.0 mm	35.0 mm	527860
522237	Child	130 mm	9.8 mm	18.0 x 18.0 mm	30.0 mm	527863
522238	Adol.	152 mm	9.7 mm	21.0 x 20.0 mm	33.0 mm	527862



522231



522237



522238

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

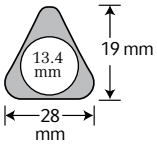
LARYNGOSCOPES

Laser Micro-Laryngoscopes

OSSOFF-KARLAN-JAKO LASER MICRO-LARYNGOSCOPE



522232



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

522232

The Ossoff-Karlan-Jako Laser Micro-Laryngoscope is a modification of the Jako Micro-Laryngoscope with additions of special features for laser surgery. This interior commissure scope is a special design of Drs. Ossoff and Karlan. Supplied with two light carriers permanently attached to cables. Features:

- Bifurcated smoke evacuation channels.
- Non-reflective, dull interior finish.
- Large oval light carriers for photography.

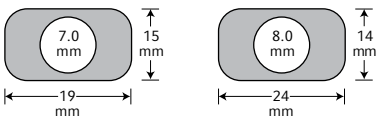
CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522232	Adult	178 mm	13.4 mm	28.0 x 19.0 mm	38.0 mm	527805 (R) 527800 (L)

** (R) indicates right light carrier, (L) indicates left light carrier*
Not to be included in the Catalog Number

NEW OSSOFF-PILLING® MICRO-LARYNGOSCOPE (LASER FINISH)



522190



522190 522191

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

Available in two proximal widths. The 25.5 mm width can be introduced in most patients and is easily aligned with the microscope (400 mm objective). The 19 mm scope has the narrowest width capable of absorbing both microscope sight lines and can be used in most patients who previously could accept only the original Holinger scope.

- Holinger distal end, ease of introduction, excellent visualization.
- 19 or 25.5 mm proximal widths, increases patient selection for micro procedures.
- Standard adult handle, can be used with most suspension systems, B.U. suspension handle available as option.
- Single light carrier, external tube dimensions are kept to a minimum.
- Laser finish, laser safe.
- Supplied with one light carrier. Cable sold separately (pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522190	Adult	168 mm	7.0 mm	19.0 x 15.0 mm	22.0 mm	527864
522191	Adult	168 mm	8.0 mm	24.0 x 14.0 mm	27.0 mm	527865

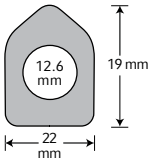
LARYNGOSCOPES

Laser Micro-Laryngoscopes

OSSOFF-KARLAN POSTERIOR COMMISSURE MICRO-LARYNGOSCOPE



522233



522233

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

This posterior commissure scope is a special design of Drs. Ossoff and Karlan. Supplied with two light carriers permanently attached to cables. Features:

- Bifurcated smoke evacuation channels.
- Non-reflective, dull interior finish.
- Large oval light carriers for maximum illumination.

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522233	Adult	177 mm	12.6 mm	22.0 x 19.0 mm	35.0 mm	527860

PILLING® DEDO DOUBLE-ACTION ANTERIOR COMMISSURE LARYNGOSCOPES



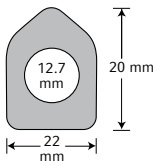
522290



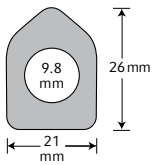
522292

Pilling® Bivalve Laser Laryngoscopes are modified designs of the Pilling®-Dedo Anterior Commissure and Ossoff Posterior Commissure Micro and Laser Laryngoscopes. Supplied with one light carrier permanently attached to fiber optic cable.

CATALOG #	SCOPE SIZE	OVERALL LENGTH	CLOSED MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	CLOSED MAX O.D.	REPLACE CARRIER
522290	Adult	179 mm	12.7 mm	22.0 x 20.0 mm	33.0 mm	527860
522292	Adol.	136 mm	9.8 mm	21.0 x 26.0 mm	32.0 mm	527863



522290



522290

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

LARYNGOSCOPES

Laser Micro-Laryngoscopes

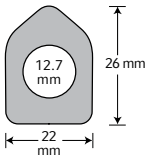
PILLING® OSSOFF DOUBLE-ACTION POSTERIOR COMMISSURE LARYNGOSCOPE



522291

The Ossoff Posterior Commissure Scope provides the ability to lift the endotracheal tube and permit entrance and microscopic visibility beyond the vocal cords. This scope provides increased visibility at the surgical site through expansion and distension of the split tubes. Supplied with one light carrier permanently attached to fiber optic cable for maximum illumination.

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	REPLACE CARRIER	CLOSED MAX O.D.
522291	Adult	178 mm	12.7 mm	22.0 x 26.0 mm	527860	33.0 mm



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

522291

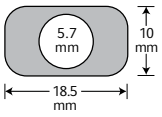
SUBGLOTTISCOPES

Laser Subglottiscopes

HEALY-JAKO PEDIATRIC SUBGLOTTISCOPE



522242



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

522242



502600



502599

The Healy-Jako Subglottiscope was designed specifically for the pediatric patient. The small tapered 6 mm distal tip allows the subglottiscope to pass farther down the airway and give access to lesions below the level of the vocal cords, while still being able to utilize the operating microscope. Supplied with light carriers permanently attached to fiber optic cables. Features:

- Non-reflective, matte interior finish. This finish decreases the chance of the laser beam reflecting off the inside of the scope and burning unintended tissue. The subglottiscope is most useful when the carbon dioxide laser is used.
- Disconnect handle. Subglottiscope can be held by standard laryngoscope holder 502245 or Tobey 502248. When the handle is unscrewed, the subglottiscope can be easily inserted and manipulated.
- Large fiber optic light carriers. The large cables allow for maximum illumination and light intensity.
- Removable 14 Ga., 3-7/8" (10 cm) ventilating needle.
- Needle locking mechanism and tubing clip on the handle.
- Assures proper placement and hold of ventilating needle while keeping tubing out of the way.
- Includes 502599 Luer-Lok® Hub Adapter to Sanders tubing.

CATALOG #	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
522242	155 mm	5.7 mm	18.5 x 10.0 mm	29.0 mm	527830 (R) 527835 (L)
502600	Replacement Ventilating Needle				
502599	Replacement Luer-Lok® Adapter				

** (R) indicates right light carrier, (L) indicates left light carrier*
Not to be included in the Catalog Number

SUBGLOTTISCOPES

Laser Subglottiscopes

OSSOFF ADULT SUBGLOTTISCOPES



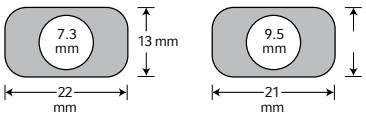
522244



522245



527860



522244 522245

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

Designed to view and access beyond the vocal cords for standard and laser procedures for subglottic stenosis and subglottic lesions.

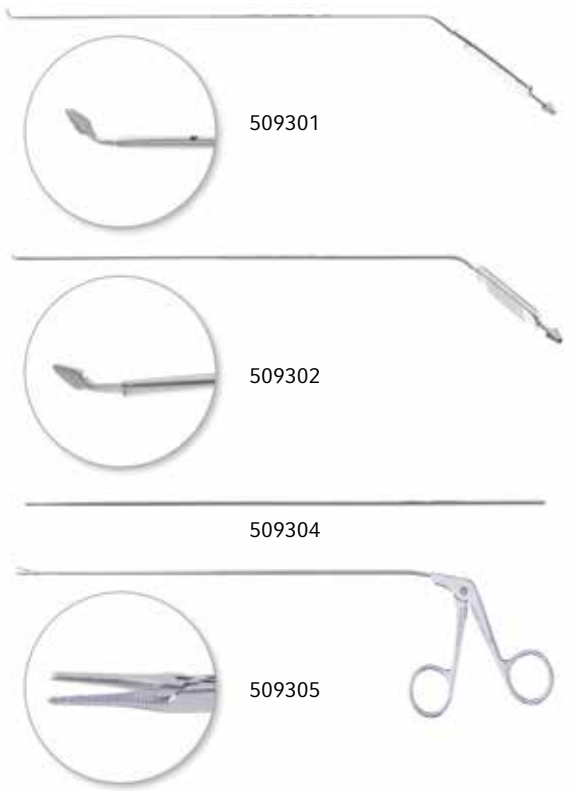
- Extended length with tapered tube (longer than standard laryngoscope).
- Wide proximal end.
- Matte finish inside lumen to reduce possible reflection of laser beam.
- Integral, distally-opened smoke evacuation channel.
- Removable 14 Ga., 3-7/8" (10 cm) ventilating needle.
- Needle locking mechanism and tubing clip on the handle.
- Single, one-piece design fiber optic light carrier/cable.
- Adult size laryngoscope handle.
- Includes 502599 Needle Luer-Lok® Adapter to Sanders Tubing.
- Passes easily through the vocal cords to reach the subglottic area.
- Provides binocular vision with use of a microscope with 350-400 lens.
- Less chance of burning unintended tissue.
- Allows for removal of laser plume rapidly.
- Allows for Venturi ventilation (order separately).
- Assures proper placement and hold of ventilating needle while keeping tubing out of the way.
- Provides optimum distally delivered light.
- Allows use of laryngoscope holder (502245) or Tobey Laryngoscope Holder (502248) for two-handed surgery.
- Adult subglottiscope requires instrumentation 28 cm or longer.

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D. AT DISTAL TIP	MAX O.D.
522244	Adult Female	230 mm	7.3 mm	22.0 x 13.0 mm	11.0 mm	32.0 mm
522245	Adult Male	230 mm	9.5 mm	21.0 x 13.0 mm	12.0 mm	33.0 mm
527860	Replacement Light Carrier					
502600	Replacement Ventilating Needle					
502599	Replacement Luer-Lok® Adapter					

SUBGLOTTISCOPES

Laser Subglottiscope Instrumentation

MICROSUBGLOTTIC INSTRUMENTS



Designed for laser microsurgery of the entire subglottic space and upper cervical trachea, this instrumentation includes forceps, probe, mirror and platform (all 28 cm in length and laser finished).

CATALOG #	DESCRIPTION
509301	Operating platform, 3 mm
509302	Front surface mirror, 3 mm
509304	Straight probe
509305	Grasping forceps, straight

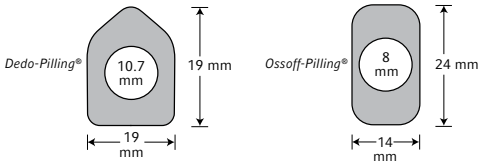
LARYNGOSCOPES

Video Laryngoscopes

NEW VIDEO LARYNGOSCOPE SYSTEMS







522194 522226

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE**.

Teleflex provides Pilling® brand Ossoff and Dedo-design Video Laryngoscopes that now include dual channels for increased versatility. The dual channel design allows the surgeon to position the telescope, suction tube or light carrier wherever it is most comfortable and is thus helpful for the left-handed surgeon. The Video Laryngoscope System is an ideal resource for training and education since the telescope can be connected to most video systems for visualization of the surgical site. The 0 degree telescope (4 mm x 177 mm) features a forward view with a right angle eyepiece to ensure that it is not in the surgeon's way. This Pilling® Telescope can be autoclaved. The telescope eyepiece will accept any standard C-mount video coupler. The fiber optic terminal of the light carrier accepts ACMI style cable connections. Each complete Video Laryngoscope System includes a laryngoscope, telescope, suction tube and light carrier. Trays are optional; see pg. 26.

CATALOG #	DESCRIPTION
522194	Ossoff-Pilling® Dual Channel Video Laryngoscope System Adult, 16.8 cm length Minimal internal diameter: 8 mm Nominal proximal dimensions: 24 x 14 mm
522226	Dedo-Pilling® Dual Channel Video Laryngoscope System Adult, 17.3 cm length Minimal internal diameter: 10.7 mm Nominal proximal diameter: 19 x 19 mm
527867	Replacement Light Carrier for 522194 or 522226
522195	Replacement Suction Tube for 522194 or 522226
524060	Replacement Telescope for 522193, 522194 and 522226 4 mm x 177 mm, 0 degrees forward, with a 90 degree eyepiece. This telescope can be autoclaved

LARYNGOSCOPES

Video Laryngoscopes

STORAGE TRAYS



508002



508004

Pilling® Trays are designed for microsurgical and other delicate instruments. These lightweight, durable trays are engineered for maximum protection and flexibility. The transparent lid will help you easily identify instruments. These trays can withstand repeated exposure to steam, ethylene oxide and cold methods.

CATALOG #	DESCRIPTION
508002	Telescope Tray Includes silicone stabilizer bars to secure telescope during storage 9-1/2" x 5-1/2" x 2-1/2" (24 x 14 x 6.5 cm)
508004	Video Laryngoscope Tray Includes silicone finger mat. Tray size will accommodate laryngoscope and fiber-optic cable 9" x 13" x 3-1/4" (23 x 33 x 8 cm)

LARYNGOSCOPES

Laryngoscope Holders

Pilling® Laryngoscope Holders enable the surgeon to have both hands free during Laryngoscopy, Micro-Laryngoscopy and Laser Laryngoscopy procedures. These holders allow the surgeon to perform intricate procedures requiring both hands available for necessary instrumentation insertion through the laryngoscopes.

BOSTON UNIVERSITY SUSPENSION SYSTEM



502260

This system is used to suspend the laryngoscope during micro and laser surgery of the larynx. *Laryngoscope and Strong Laryngoscope Handle Extension (502261) are not included.*

- Supports the laryngoscope for two-handed surgery.
- Is not affected by chest movement.
- Allows use of the Boyce-Jackson position.
- Allows repositioning of the table as necessary without readjustment of the suspension system.

CATALOG #	DESCRIPTION
502260	Includes Pilling® Table Clamp (163100) and Pivoting Extension Arm Assembly (502262)
163100	Pilling® Table Clamp
502261	BU System Laryngoscope Handle
502262	BU Pivoting Extension Arm Assembly

Boston University Suspension System Scope Service to adapt handle for use with BU System. All laryngoscopes must be tapped for use with the BU System.
502261 BU System Laryngoscope Handle – must be ordered along with scope for use with BU Suspension System.
Contact Teleflex® Customer Service to have your laryngoscope tapped.



502261



163100



502262

LARYNGOSCOPES

Laryngoscope Holders

BOSTON UNIVERSITY SYSTEM PIVOTING EXTENSION ARM ASSEMBLY



502262

CATALOG #	DESCRIPTION
502262	BU Pivoting Extension Arm Assembly, overall length 10" (25.5 cm)

BOSTON UNIVERSITY SYSTEM LARYNGOSCOPE HANDLE



502261

Adapts micro-laryngoscope for use with the Boston University Suspension System. Laryngoscopes already in use may be returned to Teleflex® Instrument Repair for the modification or a new instrument may be ordered with this extension. Contact your local surgical representative for more information.

CATALOG #	DESCRIPTION
502261	BU System Laryngoscope Handle, 2-1/2" (6.5 cm)

DEDO TABLE-MOUNTED MAYO TRAY



502265

The Dedo Table-Mounted Mayo Tray System is used to support the standard Pilling® Laryngoscope Holder (502248/502245). The tray can be positioned at any height, will swivel and can be extended. All parts are stainless steel and can be disassembled for cleaning and sterilizing. This system can be easily covered by a sterile Mayo cover.

CATALOG #	DESCRIPTION
502265	Complete system: Tray Detachable Sliding Bars and Clamps Upright Rod Pilling® Table Clamp (163100)

LARYNGOSCOPES

Laryngoscope Holders

NEW TOBEY LARYNGOSCOPE HOLDER (MOST POPULAR)



502248

The Tobey Laryngoscope Holder is the newest version of Pilling® Laryngoscope holders. It has a quick attach/release mechanism that provides a secure hold of your laryngoscope. The Tobey eliminates the twisting and turning necessary to lock the laryngoscope into the holder. It allows for fine adjustments using the size adjustment knob for different laryngoscope handles.

CATALOG #	DESCRIPTION
502248	Tobey Laryngoscope Holder

LARYNGOSCOPE HOLDER



502245

The external chest bar and rod easily attach to or detach from the handle of most laryngoscopes. Manually operated gear supplies leverage to the laryngoscope for exposure of the anterior commissure and allows the operator to have both hands free for instrumentation.

CATALOG #	DESCRIPTION
502245	Laryngoscope Holder, Improved Model (Laryngoscope is not included)

PILLING® TABLE CLAMP



163100

CATALOG #	DESCRIPTION
163100	Clamp for Dedo Mayo Tray (502265) and Boston University Suspension System (502260)

LARYNGOSCOPES

Venturi Anesthesia Devices

VENTURI ADAPTERS FOR BRONCHOSCOPES AND LARYNGOSCOPES



502562



502566

Flow and pressure characteristics vary greatly according to the design of the bronchoscope or laryngoscope and any new combination should be studied carefully before clinical use. *Note: The Sanders Venturi System can be used only with tapered scopes.*

CATALOG #	DESCRIPTION
502562	Albert-Sanders Venturi Adapter for laryngoscopes
502566	Sanders Venturi Adapter for Pilling® Bronchoscope 15 mm sidearm

TYGON TUBING WITH LUER-LOK® CONNECTOR



502574

Used in conjunction with Luer-Lok® connector 502599 to fit into toggle valve. The bare end of the tubing connects to the Venturi Adapters for Bronchoscopes and Laryngoscopes, 502562 and 502566.

CATALOG #	DESCRIPTION
502574	Adapter is 4 mm O.D. x 2.5 mm I.D.

LARYNGOSCOPES

Venturi Anesthesia Devices

VENTURI VENTILATING NEEDLES



502594

502600

522241

CATALOG #	DESCRIPTION
502594	Replacement needles for 522229 Abramson-Dedo Micro-Laryngoscopes, 14 Ga., 5-3/8" (13.5 cm)
502600	Replacement needles for 522244 and 522245 Ossoff Adult Subglottiscopes, 522242 Healy-Jako Pediatric Subglottiscope and 522229 Abramson-Dedo Micro-Laryngoscope, 14 Ga. bent 90 degrees, 4" (10 cm)
522241	Replacement needles for 522229 Abramson-Dedo Micro-Laryngoscope, blunt, 14 Ga., 12" (30.5 cm)

REPLACEMENT LUER-LOK® HUB ADAPTER



502599

CATALOG #	DESCRIPTION
502599	Needle Luer-Lok® to Sanders Tubing, 1-1/8" (3 cm)

REPLACEMENT CLIPS



522240

CATALOG #	DESCRIPTION
522240	For securing Venturi Ventilating Needles, 5/8" (1.5 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Forceps

PILLING® LARYNGEAL INSTRUMENTATION FOR LARYNGOSCOPES AND MICRO-LARYNGOSCOPES

Pilling® Laryngeal Instruments are designed in conjunction with leading otolaryngology surgeons. These instruments can be utilized for both Laryngoscopy and Micro-Laryngoscopy. Surgeons continue to provide feedback for new designs and modifications as procedural changes occur.

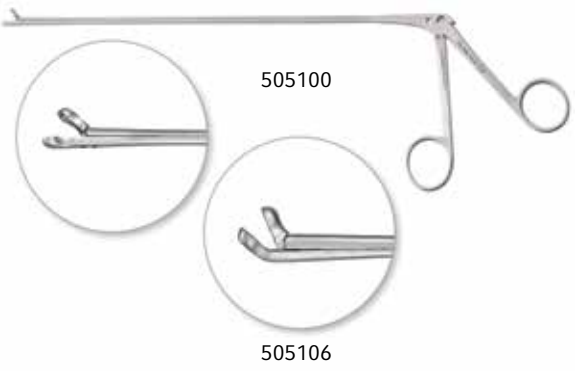
JACKSON CROSS ACTION FORCEPS



For anesthetizing the larynx by blocking the superior laryngeal nerves. Stainless steel.

CATALOG #	DESCRIPTION
507375	24 cm length from proximal end of handle to curve

JACKSON LARYNGEAL CUP FORCEPS - STANDARD LIGHTWEIGHT 4 AND 6 MM CUPS



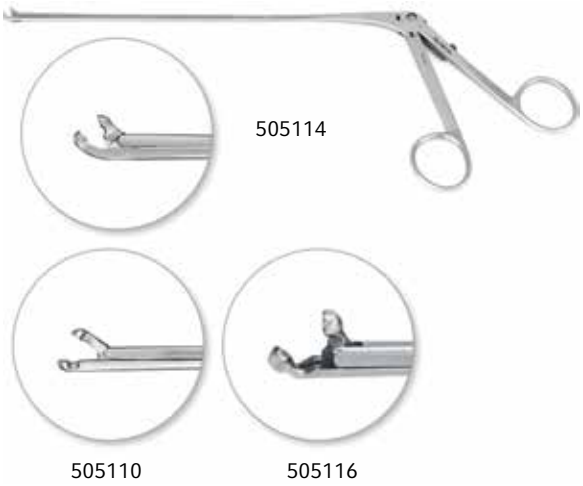
Jackson Forceps come in standard and extra lightweight construction that provides durability and strength. The jaw size, shape and angle are specially calculated for use through Jackson scopes.

CATALOG #	DESCRIPTION
505100	Straight, 4 mm diameter jaw, working length 28 cm
505102	Straight, 6 mm diameter jaw, working length 28 cm
505104	Angled, 4 mm diameter jaw, working length 28 cm
505106	Angled, 6 mm diameter jaw, working length 28 cm

INSTRUMENTATION FOR LARYNGOSCOPES

Forceps

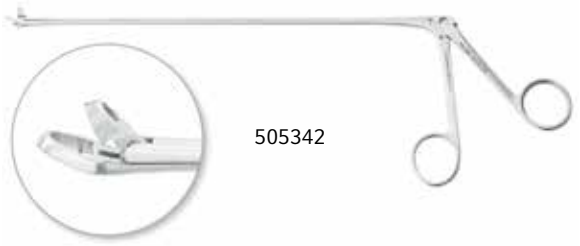
JACKSON LARYNGEAL CUP FORCEPS - EXTRA LIGHTWEIGHT 2 MM CUPS



Jackson Forceps come in standard and extra lightweight construction that provides durability and strength. The jaw size, shape and angle are specially calculated for use through Jackson scopes.

CATALOG #	DESCRIPTION
505110	Straight, 2 mm diameter jaw, working length 20 cm
505112	Straight, 2 mm diameter jaw, working length 28 cm
505114	Angled, 2 mm diameter jaw, working length 20 cm
505116	Angled, 2 mm diameter jaw, working length 28 cm

JACKSON TRIANGULAR PUNCH SPECIMEN AND TISSUE FORCEPS



Shear-type forceps remove a piece of tissue approximately 3.5 x 7 mm. Will pass through laryngoscope 10 mm or larger.

CATALOG #	DESCRIPTION
505342	Angled jaws, working length 11-1/8" (28.5 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Forceps

LORE SUBGLOTTIC SPECIMEN AND TISSUE FORCEPS



505196

Jaws angled 90 degrees upward and open to the right or left. Working length 11-1/8" (28.5 cm).

CATALOG #	DESCRIPTION
505195	Opens to right, 6 mm jaw
505196	Opens to left, 6 mm jaw

PATTERSON ELONGATED CUP BITING FORCEPS



505230

CATALOG #	DESCRIPTION
505230	Regular, 4 mm width jaw, working length 11-1/8" (28.5 cm)

NORRIS SPONGE HOLDING FORCEPS



506747

Bayonet-shaped, cross action forceps designed for use in mediastinoscopy. Straight distal portion of jaw is 16 cm long.

CATALOG #	DESCRIPTION
506747	13-1/8" (33 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Suction Tubes

INSULATED CAUTERY SUCTION TUBE

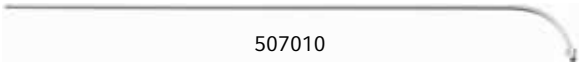


507045

With thumb-valve for controlled suction, 4 mm diameter, 12 Fr.

CATALOG #	DESCRIPTION
507045	Working length 8-5/8" (22 cm), supplied with a 10 ft. Bovie cord and plug (507046)
507046	10 ft. Bovie cord and plug with connection to fit insulated suction cautery tube. Cord only.

JACKSON OPEN END ASPIRATING TUBE

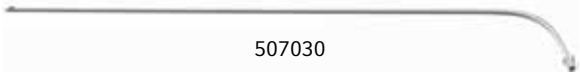


507010

Pilling® Aspirating Tubes, except in special designs, are constructed of stainless steel. They are measured in working length from distal tip to beginning of proximal curve or angle. Aspirating tubes should be 5 cm or 10 cm longer than the scope through which they are used.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
507010	20 cm	5.0 mm or larger	4 mm (12 Fr.)

JACKSON "VELVET-EYE" ASPIRATING TUBES



507030

These tubes have a smooth, oval-shaped opening on each side of the distal tip and a closed, blunt end.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
507030	20 cm	5.0 mm or larger	4 mm (12 Fr.)

STRONG SUCTION IRRIGATOR



506485

For washing dyed vocal cords with saline.

CATALOG #	DESCRIPTION
506485	9" (23 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff

FEDER-OSSOFF MICRO-LARYNGEAL GRASPING FORCEPS



Feder-Ossoff forceps include alligator grasping and cup biopsy jaws. All forceps have a matte laser finish and shafts that taper from 2 mm to 0.5 mm.

Double-action grasping forceps have aggressive serrated jaws for better holding and a suction channel with a Luer-Lok® proximal fitting for smoke evacuation and improved visibility during laser procedures.

Grasping forceps have finely serrated jaws, 1.1 mm wide tapering to 0.6 mm, 4 mm long and a working length of 23 cm.

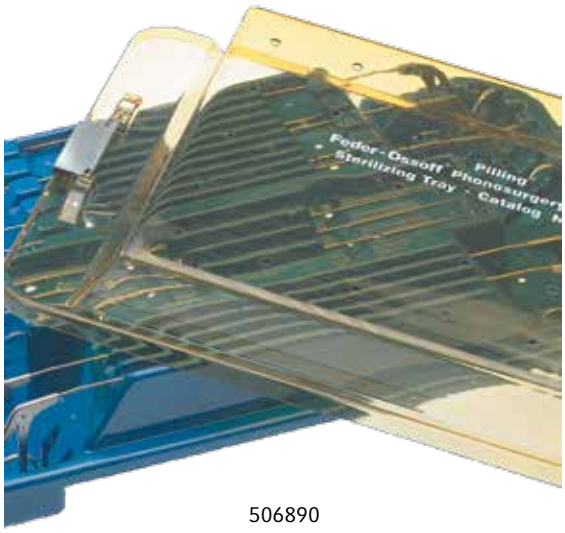
Delicate biopsy cup forceps have a 1 mm jaw with a working length of 23 cm.

CATALOG #	DESCRIPTION
506856	Grasping forceps, double action, straight, with suction
506858	Grasping forceps, angled up
506860	Grasping forceps, straight
506862	Cup biopsy, 1 mm, straight
506864	Cup biopsy, 1 mm, angled up

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff

PILLING® FEDER-OSSOFF PHONOSURGERY SET



506890

Pilling® Feder-Ossoff Micro-Laryngeal Precision Instruments from Teleflex® are designed for microlaryngeal procedures to retain, restore or improve voice quality. Feder-Ossoff instruments are specially designed for phonosurgery/microflap surgery with Mayo blades on the scissors and angled handles with slender diameter shafts. Set includes 27 instruments for use in delicate mucosal microflap dissection techniques.

- Mayo blades on scissors
- Matte laser finish
- Angled handles and slender diameter shafts
- Universal ring handle for knives and probes
- 23-27 cm working length
- Durable storage and tray

CATALOG #	DESCRIPTION
506800	Feder-Ossoff Phonosurgery Set Contains 27 Instruments, 506802-506890 (pgs. 38-40)
506890	Instrument Tray 11-3/4" x 15-1/4" x 3" (38.5 x 30 x 7.5 cm) at handles

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff

FEDER-OSSOFF MICRO-LARYNGEAL SCISSORS



506802



506804



506806



506808



506810



506822



506812



506814



506816



506818



506820



506824

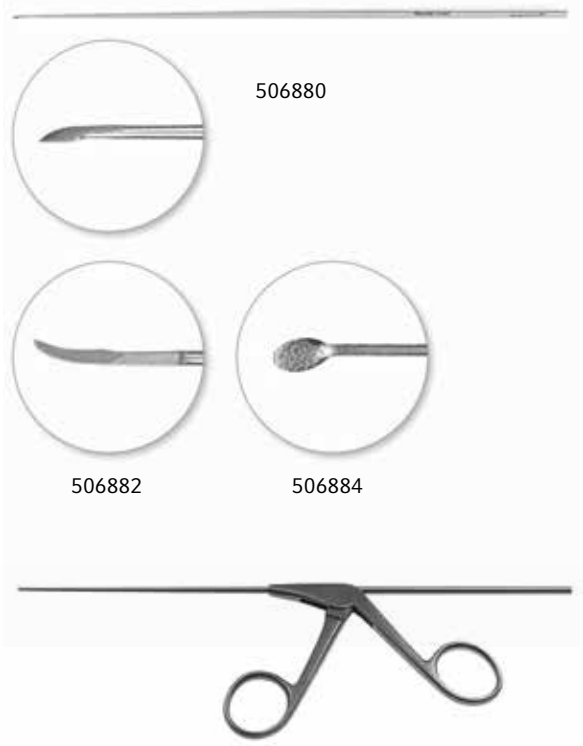
Scissors are designed with blunt or sharp tips and come in a variety of patterns to enable easier access and better exposure. All scissors have a 23 cm working length, a 2 mm diameter shaft and a 5 degree bend at the handle for better exposure.

CATALOG #	DESCRIPTION
506802	Blunt, straight blades, vertical action
506804	Blunt, curved blades, horizontal action, open left
506806	Blunt, curved blades, horizontal action, open right
506808	Blunt, angled up, vertical action
506810	Blunt, angled down, vertical action
506822	Blunt, angled up, double action
506812	Sharp, straight blades, vertical action
506814	Sharp, curved blades, horizontal action, open left
506816	Sharp, curved blades, horizontal action, open right
506818	Sharp, angled up, vertical action
506820	Sharp, angled down, vertical action
506824	Sharp, double action

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff

KNIVES AND KNIFE HANDLE



Shown with probe inserted into handle. Knives and probes can be set to any angle or depth relative to the handle.

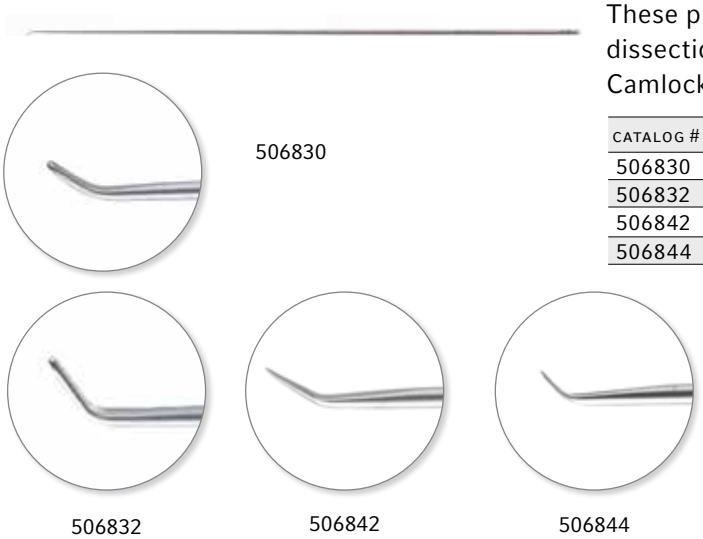
All knives have 27 cm maximum working length and a 3.2 – 1 mm tapered shaft. Working length is measured from front portion of handle to tip of instrument.

CATALOG #	DESCRIPTION
506880	Straight sickle, 3 mm blade
506882	Curved sickle, 3 mm blade
506884	Phono circle knife, 3 mm blade
506888	Universal ring handled knife handle with camlock



506888

PROBE/ELEVATORS



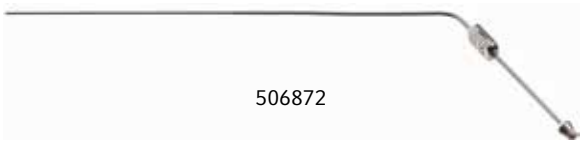
These probe/elevators allow for sharp and blunt dissection and elevating of tissue. All probes fit into the Camlock Handle (506888). 27 cm working length.

CATALOG #	DESCRIPTION
506830	30 degree angle, blunt
506832	60 degree angle, blunt
506842	30 degree angle, sharp
506844	60 degree angle, sharp

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff

SUCTIONS



506872

23 cm working length with thumb control, laser finish.

CATALOG #	DESCRIPTION
506870	3 Fr. diameter
506872	5 Fr. diameter
506874	7 Fr. diameter

FEDER-OSSOFF PHONOSURGERY INSTRUMENT TRAY



506890

Has individual instrument housing. The tray is a durable construction, protecting the delicate instruments. This tray may be stacked for storage.

CATALOG #	DESCRIPTION
506890	Inside dimensions: 11-3/4" x 15-1/4" x 3" (30 x 38.5 x 7.5 cm) at handles

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Feder-Ossoff

MICRO-LARYNGEAL FORCEPS

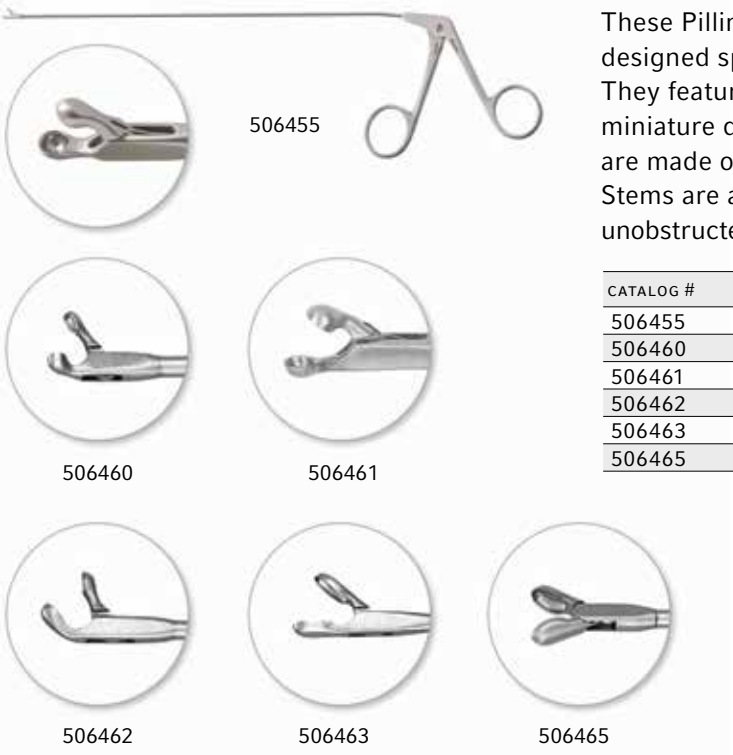


The serrated triangular jaw allows for a larger surface area of tissue to be grasped within the 3 mm wide tips. These forceps have a 23 cm working length and a non-reflective finish for use with lasers. Jaws are uniquely angled and fenestrated to better grasp along the longitudinal surface of the respective cord, 2.75 mm wide triangular jaw, serrated jaw, 2 mm shaft. Fits adult laryngoscopes without interfering with microscope, 5 degree bend at the handle. Non-reflective finish; can be used in laser surgery.

CATALOG #	DESCRIPTION
506950	Triangular fenestrated, serrated jaw forceps, right, working length 9-1/4" (23.5 cm)
506952	Triangular fenestrated, serrated jaw forceps, left, working length 9-1/4" (23.5 cm)

Micro-Laryngeal/Jako-Kleinsasser

JAKO-KLEINSASSER MICRO-LARYNGEAL CUP FORCEPS (MOST COMMON & ESSENTIAL)



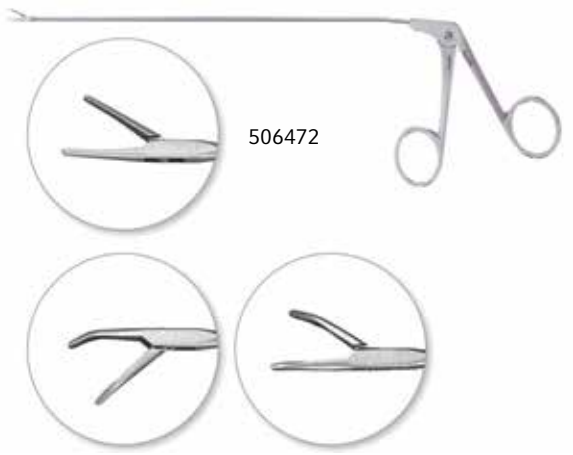
These Pilling® Micro-Laryngeal Cup Forceps were designed specifically for everyday-use micro-surgery. They feature slender 2 mm diameter stems with miniature distal jaws in the shape of cup forceps and are made of dull finished stainless steel to reduce glare. Stems are angulated (5 degree bend at handle) for unobstructed vision and all have a 22 cm working length.

CATALOG #	DESCRIPTION
506455	Straight
506460	Angled left
506461	Angled right
506462	Angled up
506463	Oval, single action
506465	Straight oval

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Jako-Kleinsasser

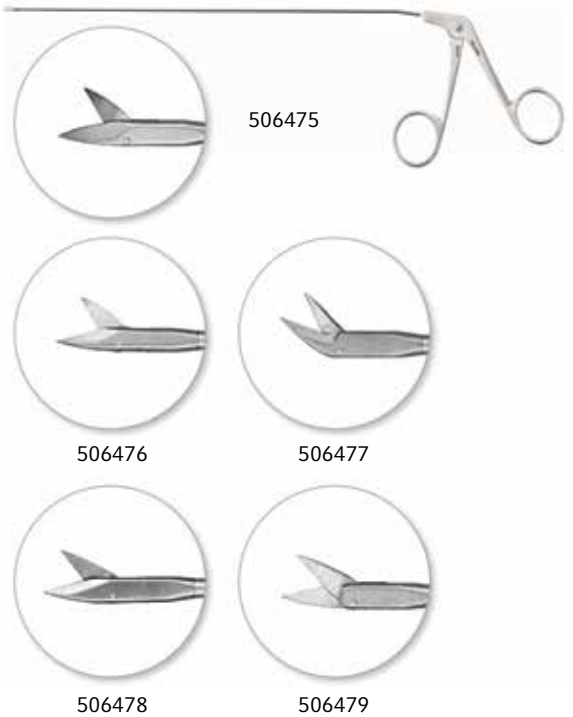
JAKO-KLEINSASSER MICRO-LARYNGEAL GRASPING FORCEPS



These Pilling® Micro-Laryngeal Grasping Forceps were designed specifically for everyday-use micro-surgery. They feature slender 2 mm diameter stems with miniature distal jaws in the shape of grasping forceps and are made of dull finished stainless steel to reduce glare. Stems are angulated (5 degree bend at handle) for unobstructed vision and all have a 22 cm working length.

CATALOG #	DESCRIPTION
506470	Curved left
506471	Curved right
506472	Straight, very fine serrated

JAKO-KLEINSASSER MICRO-LARYNGEAL SCISSORS



These Pilling® Micro-Laryngeal Scissors were designed specifically for everyday-use micro-surgery. They feature slender 2 mm diameter stems with miniature distal jaws in the shape of scissors and are made of dull finished stainless steel to reduce glare. Stems are angulated (5 degree bend at handle) for unobstructed vision and all have a 22 cm working length.

CATALOG #	DESCRIPTION
506475	Curved left
506476	Curved right
506477	Angled up
506478	Straight, vertical
506479	Straight, horizontal

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Jako

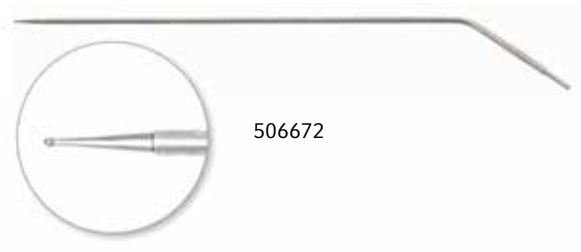
JACKSON LARYNGEAL SCISSORS



505605

CATALOG #	DESCRIPTION
505605	Straight, 7-7/8" (20 cm) long blades, working length 11-1/8" (28.5 cm)

JAKO COAGULATION PROBE

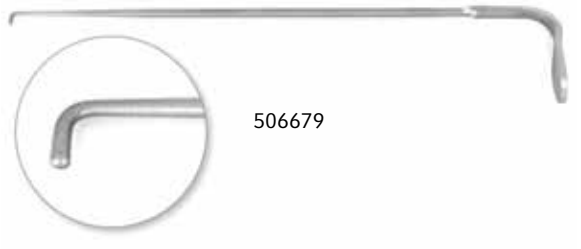


506672

Will fit standard Bovie Pencil Handle.

CATALOG #	DESCRIPTION
506672	Working length 8-1/4" (21 cm)

JAKO FINE BALL TIP HOOK



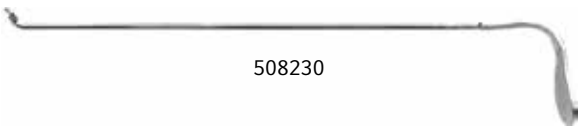
506679

CATALOG #	DESCRIPTION
506679	Right angle, 9" (23 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Jako

JAKO MIRROR

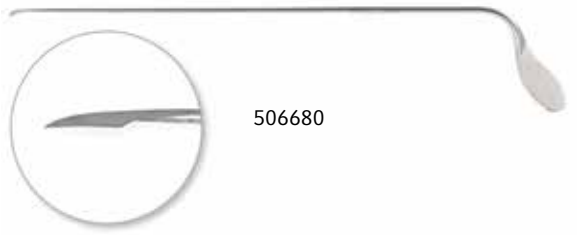


508230

For minor examination of the undersurface of the vocal cords.

CATALOG #	DESCRIPTION
508230	Working length 8-1/4" (21 cm)

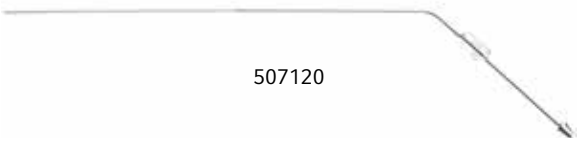
JAKO SICKLE KNIFE



506680

CATALOG #	DESCRIPTION
506680	10-1/4" (26 cm)

JAKO FINE SUCTION TUBES



507120

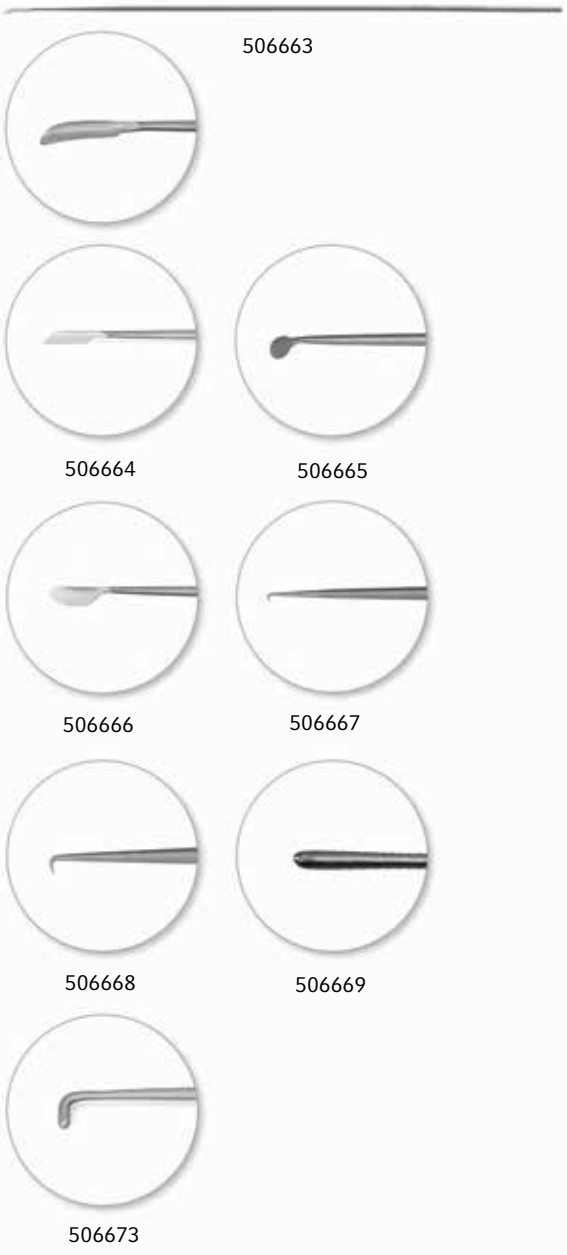
Specially designed with thumb control.

CATALOG #	DESCRIPTION
507120	No. 00, 5 Fr., 23 cm working length
507121	No. 0, 6 Fr., 23 cm working length
507122	No. 1, 7 Fr., 23 cm working length

INSTRUMENTATION FOR LARYNGOSCOPES

Micro-Laryngeal/Jako

JAKO RIGID STEM INSTRUMENTS



Dull finish to reduce glare. May be used with 506888 Feder-Ossoff Universal Ring Handled Knife Handle (pg. 39). Working length 26 cm.

CATALOG #	DESCRIPTION
506663	Jako Sickle Knife, curved
506664	Jako Sickle Knife, straight
506665	Jako Circle Knife
506666	Jako Round Edge Knife
506667	Jako Sharp Hook, slight
506668	Jako Sharp Hook, acute
506669	Jako Probe, straight
506673	Jako Blunt Angled Probe

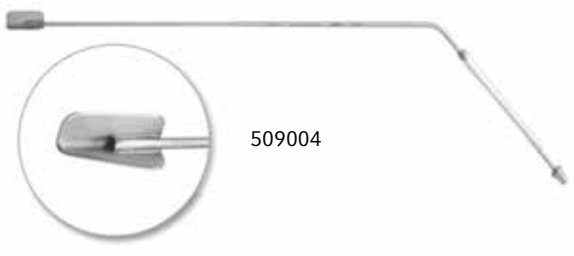


Shown with probe inserted into handle. Knives and probes can be set to any angle or depth relative to the handle.

INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation

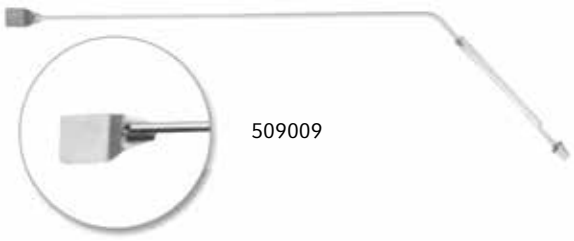
ANGLED LASER RETRACTORS



For protection of the anterior commissure and the evacuation of smoke and plume during laser surgery. Non-reflective finish on shaft. 23 cm working length.

CATALOG #	DESCRIPTION
509004	Adult, right, 8 mm diameter
509005	Adult, left, 8 mm diameter
509006	Pediatric, right, 4 mm diameter
509007	Pediatric, left, 4 mm diameter

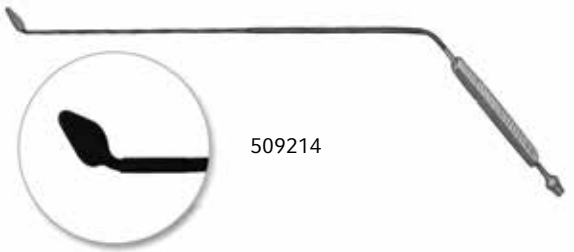
LASER SPATULA RETRACTORS



For protection/retraction of the vocal cords and for the evacuation of smoke and plume during laser surgery. 23 cm working length. Non-reflective finish on shaft.

CATALOG #	DESCRIPTION
509008	Adult, right, 10 mm diameter
509009	Adult, left, 10 mm diameter
509010	Pediatric, right, 5mm diameter

LASER OPERATING PLATFORM - EBONIZED



The platform is inserted into the subglottic larynx above the level of the packed cottonoids. The platform helps to protect the cottonoids, endotracheal tube and cuff, and tissues of the subglottic larynx from any direct or reflected laser beam radiation. Shaft and tip are ebonized. 21 cm working length.

CATALOG #	DESCRIPTION
509214	4 mm diameter platform
509215	6 mm diameter platform
509216	8 mm diameter platform

INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation

ASPIRATING TUBES



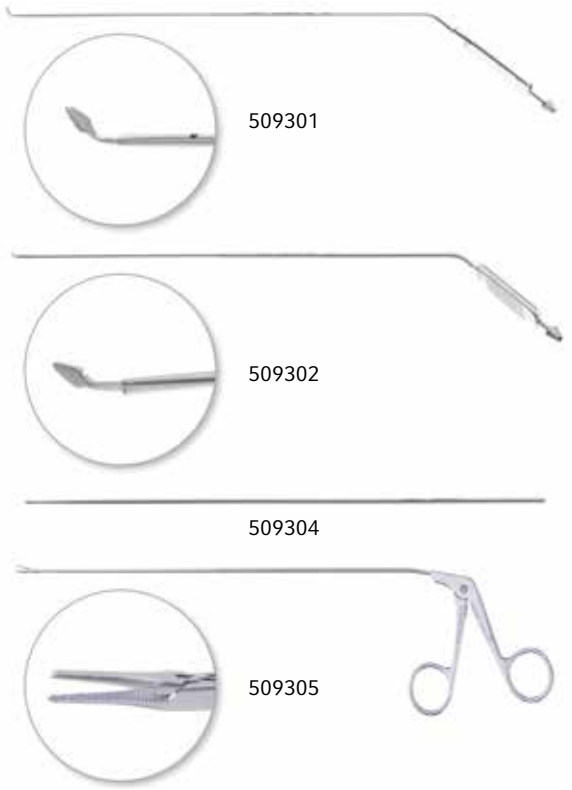
For removal of smoke and steam created during laser surgery. 3 mm diameter (9 Fr.).

CATALOG #	DESCRIPTION
509012	"Velvet-eye"-type, working length 7-7/8" (20 cm)
509013	Open end, working length 6" (15 cm)
509014	Clip for attaching aspirating tubes to laryngoscope up to 9 Fr. (3 mm)

INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation

MICROSUBGLOTTIC INSTRUMENTS



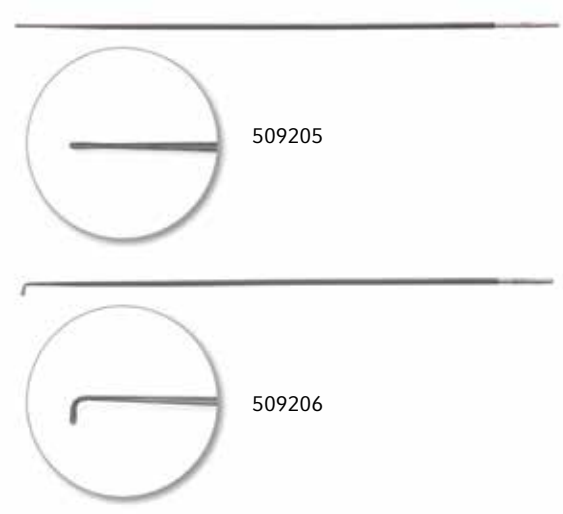
Designed for laser microsurgery of the entire subglottic space and upper cervical trachea, this instrumentation includes forceps, probe, mirror and platform (all 28 cm in length and laser finished).

CATALOG #	DESCRIPTION
509301	Operating platform, 3 mm
509302	Front surface mirror, 3 mm
509304	Straight probe
509305	Grasping forceps, straight

INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation

MICRO-LARYNGEAL PROBES - EBONIZED



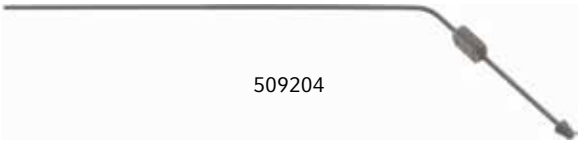
CATALOG #	DESCRIPTION
509205	Straight, ebonized, 10-1/4" (26 cm)
509206	Angled, ebonized, 10" (25.5 cm)

OSSOFF-KARLAN GRASPING FORCEPS - EBONIZED



CATALOG #	DESCRIPTION
509201	Curved left, ebonized, working length 8-1/4" (21 cm)
509202	Curved right, ebonized, working length 8-1/4" (21 cm)
509203	Straight, ebonized, working length 8-1/4" (21 cm)

OSSOFF-KARLAN MICRO SUCTION TUBE - EBONIZED



CATALOG #	DESCRIPTION
509204	7 Fr., ebonized, working length 7-1/2" (19 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Laser Instrumentation

OSSOFF-KARLAN VOCAL CORD ROLLER - EBONIZED



509207

This instrument was designed to facilitate greater direct exposure of the infraglottic surface of the true vocal cords.

CATALOG #	DESCRIPTION
509207	Ebonized, 8-1/4" (21 cm)

Miscellaneous

HOLINGER LARYNGEAL DISSECTOR

506707

CATALOG #	DESCRIPTION
506707	12" (30.5 cm)

HOLINGER KNIFE HANDLE

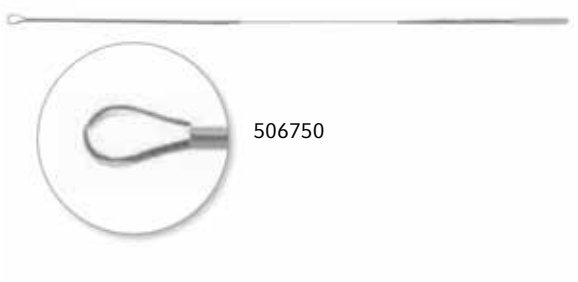


506705

For use with surgical blades no. 10, 11, 12 and 15.

CATALOG #	DESCRIPTION
506705	11" (28 cm)

JACKSON STANDARD SPONGE CARRIER

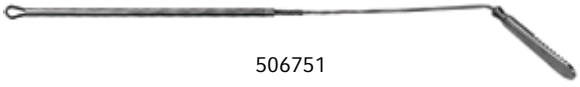


506750

For use through laryngoscopes and bronchoscopes. Heavy construction weight. Stainless steel.

CATALOG #	DESCRIPTION
506750	Working length 11-3/4" (30 cm)
506752	Working length 15-3/4" (40 cm)

JAKO FINE SPONGE CARRIER



506751

To hold small piece of sponge rubber used to dye vocal cords for diagnostic purposes.

CATALOG #	DESCRIPTION
506751	Working length 10-1/4" (26 cm)

INSTRUMENTATION FOR LARYNGOSCOPES

Miscellaneous

ABRAHAM LARYNGEAL SYRINGE CANNULA



507434

For use on Luer-Lok® syringes.

CATALOG #	DESCRIPTION
507434	Malleable, 5-7/8" (15 cm)

BONNIER CATHETER ADAPTER



507335

For attachment of catheters to Luer tip syringes.

CATALOG #	DESCRIPTION
507335	1-3/8" (3.5 cm)

LUER-LOK® CATHETER ADAPTER



507336

For attachment of catheters to Luer-Lok® syringes.

CATALOG #	DESCRIPTION
507336	1-1/2" (4 cm)

CENTIMETER SUBTRACTION RULER



504075

For accurate calculation by subtraction of the depth to which a scope has been inserted.

CATALOG #	DESCRIPTION
504075	30 cm

INSTRUMENTATION FOR LARYNGOSCOPES

Miscellaneous

LARYNGEAL MICRO ATOMIZER



507267S

507498S

Permits use of very small quantities of solution. Very fine particle size. Double valve in bulb permits sustained, very effective spray.

CATALOG #	DESCRIPTION
507485S	Complete Micro Atomizer (nos. 151 and 1-RD)
507267S	Atomizer glass collection tube, small no. 151
507498S	Atomizer replacement rubber bulb, small no. 1-RD

Laryngeal Mirrors

LARYNGEAL MIRRORS



508204

Extra thin, permanently mounted on handle. Shaft length is 6-3/4" (17 cm).

CATALOG #	DESCRIPTION
508200	#000, 8 mm diameter
508201	#00, 10 mm diameter
508202	#0, 12 mm diameter
508203	#1, 16 mm diameter
508204	#2, 18 mm diameter
508205	#3, 20 mm diameter
508206	#4, 22 mm diameter
508207	#5, 24 mm diameter
508208	#6, 28 mm diameter
508209	#7, 30 mm diameter

PILLING® BRONCHOSCOPES



Pilling® Bronchoscopes are designed in conjunction with Dr. Paul Holinger and Dr. C.L. Jackson for ease in examination and performance of surgical procedures in the lung and bronchi. These instruments use fiberoptics to provide cool, constant illumination and nearly full lumen view. Each type of scope is designed with channels to ventilate the patient during the procedure.

PILLING® BRONCHOSCOPE AND LASER BRONCHOSCOPE PATIENT SIZE LISTING

CATALOG #	PRODUCT NAME
NEONATE/INFANT BRONCHOSCOPES	
522575	Holinger
522576	Holinger
522550	Pilling® Improved Holinger
522552	Pilling® Improved Holinger
CHILD/PEDIATRIC BRONCHOSCOPES	
522554	Pilling® Improved Holinger
522556	Pilling® Improved Holinger
522576	Holinger
522577	Holinger

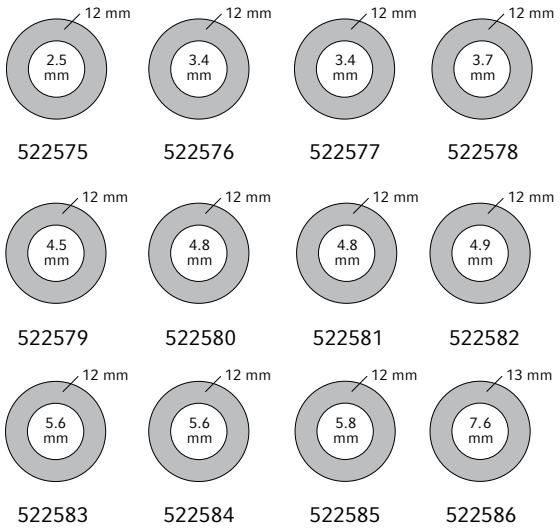
CATALOG #	PRODUCT NAME
ADOLESCENT BRONCHOSCOPES	
522579	Holinger
522580	Holinger
522581	Holinger
522582	Holinger
522583	Holinger
ADOLESCENT LASER BRONCHOSCOPES	
523120P	Pilling® CO_2
523130P	Pilling® CO_2
523176	Pilling® YAG
ADULT BRONCHOSCOPES	
522584	Holinger
522585	Holinger
522586	Holinger
522587	Holinger
ADULT LASER BRONCHOSCOPES	
523140P	Pilling® CO_2
523150P	Pilling® CO_2
523160P	Pilling® CO_2

BRONCHOSCOPES

Holinger Design

HOLINGER VENTILATING FIBEROPTIC BRONCHOSCOPE





Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

Designed by Dr. Paul Holinger, these fiberoptic bronchoscopes provide a nearly full view of the lumen with constant, cool illumination. Special features include:

- 15 mm sidearm for direct attachment of ventilation and anesthesia apparatus.
- Large fiber bundle for increased distal illumination.
- Oval fiber optic light carrier, which allows more viewing and instrumentation room in main tube.
- 15 mm diameter proximal end for attachment of accessories (window plug, Sanders Venturi, etc.).
- Smooth distal tip.
- Shortened proximal flare.
- Each Holinger Bronchoscope is supplied with one light carrier and one window plug (522595).
- Blue fiber optic cable sold separately (see pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
522575	3 x 20	203 mm	2.5 mm	12.0 mm	9.4 mm	527500
522576	3.5 x 25	254 mm	3.4 mm	12.0 mm	12.0 mm	527505
522577	3.5 x 30	305 mm	3.4 mm	12.0 mm	12.0 mm	527510
522578	4 x 30	305 mm	3.7 mm	12.0 mm	12.0 mm	527510
522579	5 x 30	305 mm	4.5 mm	12.0 mm	12.5 mm	527510
522580	5 x 35	350 mm	4.8 mm	12.0 mm	12.5 mm	527515
522581	5 x 40	400 mm	4.8 mm	12.0 mm	12.5 mm	527520
522582	5 x 45	451 mm	4.9 mm	12.0 mm	12.0 mm	527525
522583	6 x 35	350 mm	5.6 mm	12.0 mm	12.0 mm	527555
522584	6 x 40	400 mm	5.6 mm	12.0 mm	13.0 mm	527560
522585	7 x 40	400 mm	5.8 mm	12.0 mm	15.3 mm	527560
522586	8 x 40	400 mm	7.6 mm	13.0 mm	15.4 mm	527580
522587	9 x 40	400 mm	8.5 mm	12.0 mm	16.4 mm	527580

Dimensions without window plug.

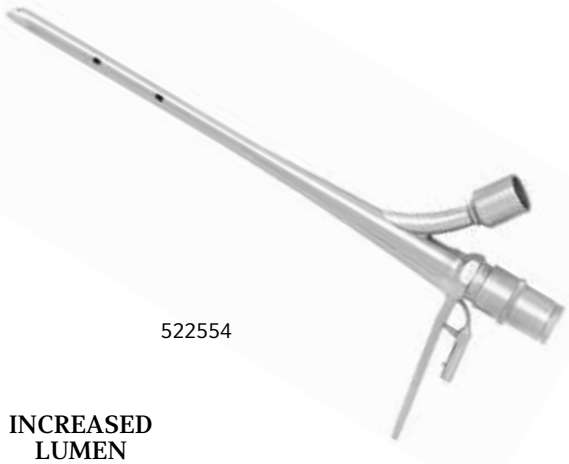
BRONCHOSCOPES

Holinger Pediatric Design

PILLING® IMPROVED HOLINGER VENTILATING FIBEROPTIC BRONCHOSCOPES



524022	Telescope 2.7 mm, 0°
524036	Telescope Guide 2.7 mm
522552	Improved Holinger Bronchoscope 3.5 x 20
505670	Flexible 1 mm Alligator Forceps



522554

Our most popular bronchoscope, the Holinger, has been modified for pediatric foreign body removal and features the following:

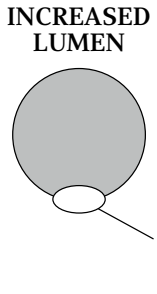
- Small distal tip. The original Holinger tip has been cut down to correspond with tube size, while still retaining smoothness.
- Built-in instrument channel for introduction of flexible forceps or disposable suction.
- Full lumen view. The oval fiberoptic light carrier has been raised slightly to provide a full lumen and give more room for instrumentation and a larger viewing area.
- 15 mm sidearm attachment allows direct attachment of ventilation and anesthesia apparatus.

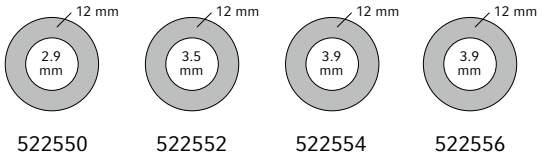
Each Pilling® Improved Holinger Bronchoscope is supplied with one light carrier, one window plug (522595) and instrument guide rubber cap. Blue fiber optic cable sold separately (see pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
522550	3 x 20	203 mm	2.9 mm	12.0 mm	9.0 mm	527500
522552	3.5 x 20	203 mm	3.5 mm	12.0 mm	12.0 mm	527500
522554	4 x 20	203 mm	3.9 mm	12.0 mm	12.0 mm	527500
522556	4 x 25	254 mm	3.9 mm	12.0 mm	11.0 mm	527505

Dimensions without window plug.

NOTE: The light carrier can be removed from the Improved Holinger Bronchoscope and forceps introduced through the light carrier channel with the 2.7 mm telescope in place (telescope may have to be partially withdrawn in 522550 and 522552 scopes).





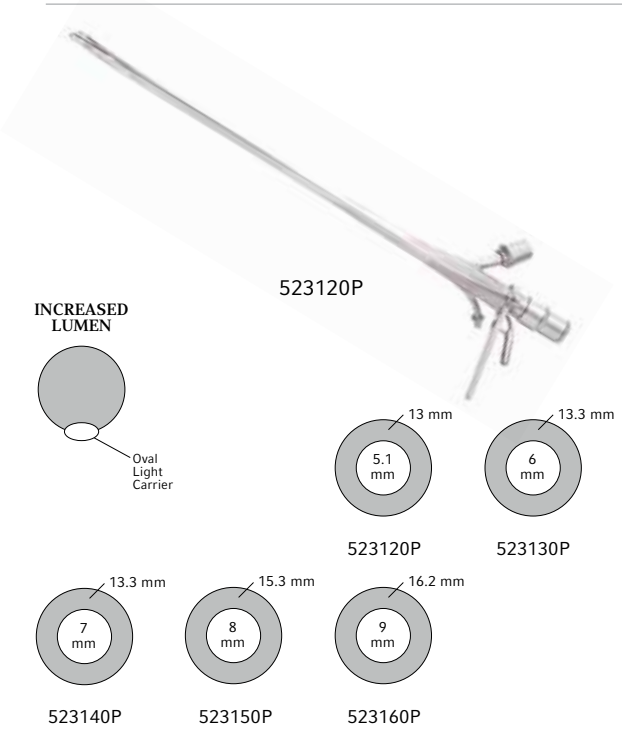
522550 522552 522554 522556

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

BRONCHOSCOPES

Laser Bronchoscopes

PILLING® BRONCHOSCOPE SYSTEM



Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

- Pilling®, Holinger-type Bronchoscope with window plug.
- Standard 15 mm anesthesia ventilating arm.
- Dedicated, distally-delivered YAG or suction channel.
- Dedicated, distally-opened smoke evacuation channel.
- Enlarged, oval fiberoptic, distal light carrier. One supplied with each scope.
- Five sizes of CO_2 bronchoscopes available.
- Can be used with CO_2 laser.
- Side ports can be used for flexible instrumentation.
- Blue fiber optic cable sold separately (see pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
523120P	5.0 x 30	300 mm	5.1 mm	13.0 mm	13.0 mm	527550
523130P	6.0 x 35	350 mm	6.0 mm	13.3 mm	13.3 mm	523131
523140P	7.0 x 40	400 mm	7.0 mm	13.3 mm	13.3 mm	527580
523150P	8.0 x 40	400 mm	8.0 mm	15.3 mm	15.3 mm	527580
523160P	9.0 x 40	400 mm	9.0 mm	16.2 mm	16.2 mm	527580
524042	Replaceable rubber cap for Forceps/Suction Channel					

MOISTURE BARRIER FOR CO_2 COUPLER-MANIPULATOR



523210P

CATALOG #	DESCRIPTION
523210P	To be used with the Pilling® CO_2 Coupler-Manipulator 523200P

BRONCHOSCOPES

Bronchoscope Accessories

BRONCHOSCOPE ADAPTER



522590

Converts older Jackson and Holinger Bronchoscopes with 11 mm oxygen connector to standard 15 mm anesthesia and positive pressure connector.

CATALOG #	DESCRIPTION
522590	Bronchoscope Ventilating Adapter, 3/4" (2 cm)

FLUVOG SLIDE ATTACHMENT FOR PILLING® BRONCHOSCOPES

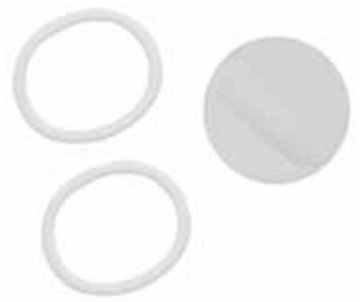


502540

For use on bronchoscopes with the 15 mm proximal extension. Provides "closed system" bronchoscopes with the use of instrumentation.

CATALOG #	DESCRIPTION
502540	Tapered fit for easy attachment or removal

BRONCHOSCOPE WINDOW PLUG REPLACEMENT LENS



522596

CATALOG #	DESCRIPTION
522596	Replacement kit for Bronchoscope window plug, consists of lens and two Teflon seals

WINDOW PLUG



522595

Fits 15 mm proximal extension of Holinger and Jackson Bronchoscopes and Esophagoscopes. Provides a "closed system" for anesthesia in bronchoscopy or inflation during esophagoscopy.

CATALOG #	DESCRIPTION
522595	Window plug, 1-1/8" (3 cm)

TELESCOPES AND ACCESSORIES

TELESCOPE GUIDES



524037

Fits the proximal end of bronchoscopes and esophagoscopes to hold telescope in place. Not supplied with bronchoscopes or esophagoscopes.

CATALOG #	DESCRIPTION
524036	For 2.7 mm telescopes, fits 15 mm proximal end of bronchoscopes or esophagoscopes
524037	For 4.0 mm telescopes, fits 15 mm proximal end of bronchoscopes or Jackson Esophagoscope
524038	For 5.5 mm telescopes, fits 15 mm proximal end of bronchoscopes or esophagoscopes

REPLACEMENT TELESCOPE GUIDE SILICONE CAPS



524040

CATALOG #	DESCRIPTION
524039	For 2.7 mm telescope, 524036, 5 per pack
524040	For 4.0 mm telescope, 524037, 5 per pack
524041	For 5.5 mm telescope, 524038, 5 per pack

TELESCOPES AND ACCESSORIES

TELESCOPE LOCKING DEVICE



524044

Designed to hold telescopes at a maximum desired depth against our telescope guide, or to lock telescope into a competitive telescope bridge system. The serrated knob is tightened to hold the telescope.

CATALOG #	DESCRIPTION
524044	Telescope locking device, 4.0 mm
524045	Telescope locking device, 5.5 mm

REPLACEMENT GUIDE SILICONE CAPS

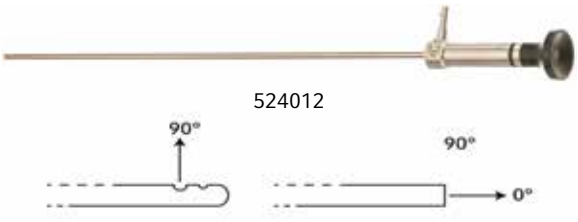


524042

For Improved Holinger Bronchoscopes. Use with flexible instruments.

CATALOG #	DESCRIPTION
524042	Guide silicone caps, 5 per pack, 1/2" (1.5 cm)

PILLING® TELESCOPES WITH FIBEROPTIC ILLUMINATION



524012

The rod lens design of Pilling® Telescopes provides excellent color retention, light transmission, resolution and reduced distortion. The modular construction permits quick repair. Pilling® Fiber Optic Telescopes use the same cables as Pilling® Bronchoscopes and Esophagoscopes.

CATALOG #	DESCRIPTION
524022	2.7 mm telescope, 0 degrees straight forward, 34 cm overall length
524012	4.0 mm telescope, 0 degrees straight forward, 39 cm overall length
524050	4.0 mm telescope, 0 degrees straight forward, 45 cm
524010	5.5 mm telescope, 90 degrees lateral, 49 cm overall length

PILLING® RIGID ENDOSCOPE/ TELESCOPE COMPATIBILITY CHART

Lengths of All Endoscopes

BOXES WITH ENTRIES = ENDOSCOPE SIZES AVAILABLE

SMALLEST DIAMETER OF ENDOSCOPE	20 CM	22 CM	25 CM	29 CM	30 CM	32 CM	35 CM	40 CM	42 CM	45 CM	50 CM
3.0 mm					B						
3.5 mm			B		B						
4.0 mm			B		B						
5.0 mm					B C		C D (B)	D (C)		(D)	
6.0 mm					B C	B C	C D (B)	D F (C)		F (D)	
6.5 mm							C D (B)				
7.0 mm		B	B		B C			D F (C)	DF	F (D)	
8.0 mm								D F (C)		F (D)	
9.0 mm		B	B		B C			D F (C)		F (D)	
10.0 mm				B C	B C			D F (C)			
12.0 mm							C D (B)			F (D)	

KEY TO CHART

Letters: Represents compatible telescope sizes for that size endoscope. Similar diameter telescope letters have been grouped together, in increasing length order.

(Letters): While the telescope does not extend past the endoscope, a 0° telescope will provide an adequate view.

B	524022	0°	Straight Forward	2.7 mm Telescope	34 cm
C	524012	0°	Straight Forward	4.0 mm Telescope	39 cm
D	524050	0°	Straight Forward	4.0 mm Telescope	45 cm
F	524010	90°	Lateral Rt. Angle	5.5 mm Telescope	49 cm

OPTIONAL ACCESSORIES AVAILABLE

The Telescope Locking Device is an optional accessory that slides onto the shaft of the Telescope and can be twist tightened at any place along the length of the shaft of the Telescope as a stop against the Telescope Guide. This will keep the Telescope inside the bronchoscope, permitting insertion under direct telescopic vision and lessening the chance of breakage, perforation or getting mucous or blood on the lens. The lock also fits into the twist locking system of the Storz Bronchoscope Bridge System, permitting the use of Pilling® Telescopes in these competitive bronchoscopes.

For 2.7 mm Telescope:	524036 Telescope Guide
For 4.0 mm Telescope:	524037 Telescope Guide 524044 Locking Device
For 5.5 mm Telescope:	524038 Telescope Guide 524045 Locking Device

BRONCHOSCOPES

Cleaning Brushes

HOLMAN SCOPE BRUSHES



508540

For loosening hardened secretions not freed by washing.

CATALOG #	DESCRIPTION
508540	Set of three: small, medium, large
508541	Brush for large scopes, 15 mm x 62 cm
508542	Brush for medium scopes, 11 mm x 56 cm
508543	Brush for small scopes, 9 mm x 49 cm
508544	Special extra small brush for infant scopes, 6 mm x 46 cm

PILLING® ESOPHAGOSCOPES



The Pilling® Esophagoscopes have been designed in conjunction with the innovators in esophageal surgery for examination, diagnostic procedures and removal of foreign bodies in the esophagus. These fiberoptic scopes have been designed for ease of insertion. A variety of sizes and configurations are offered to meet the patient's specific needs.

PILLING® ESOPHAGOSCOPE PATIENT SIZE LISTING

CATALOG #	PRODUCT NAME
NEONATE/INFANT ESOPHAGOSCOPES	
523570	Holinger
523505	Holinger Speculum
CHILD/PEDIATRIC ESOPHAGOSCOPES	
523600P	Jackson
523602	Jackson
523650P	Jesberg
523652	Jesberg
523640	Pillsbury-Jesberg
523642	Pillsbury-Jesberg
523571	Holinger
523572	Holinger
523675	Forbes
ADOLESCENT ESOPHAGOSCOPES	
523654	Jesberg
523644	Pillsbury-Jesberg
523573	Holinger
523574	Holinger
523575	Holinger

CATALOG #	PRODUCT NAME
ADULT ESOPHAGOSCOPES	
523602	Jackson
523604	Jackson
523608	Jackson
523610P	Jackson
523612	Jackson
523614	Jackson
523656	Jesberg
523658	Jesberg
523660P	Jesberg
523646	Pillsbury-Jesberg
523648	Pillsbury-Jesberg
523649	Pillsbury-Jesberg
523577	Holinger
523579	Holinger
523581	Holinger
523582	Holinger
523677	Forbes

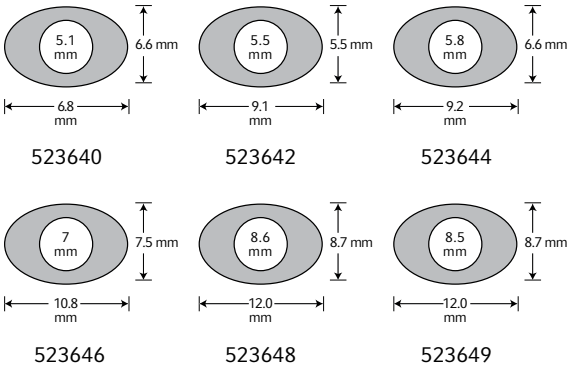
ESOPHAGOSCOPES

Pillsbury-Jesberg Design

NEW PILLSBURY-JESBERG ESOPHAGOSCOPES



523648



523640 523642 523644

523646 523648 523649

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

The Pillsbury-Jesberg Esophagoscopes were designed with the light carrier fully incorporated into the textured handle. With this improved design, there is built-in protection for the light carrier during normal handling. The barrel and tip of the scope follow the familiar Jesberg design, facilitating gentle insertion while maintaining usual technique. Supplied with one light carrier. Blue fiber optic cable sold separately (see pg. 81).

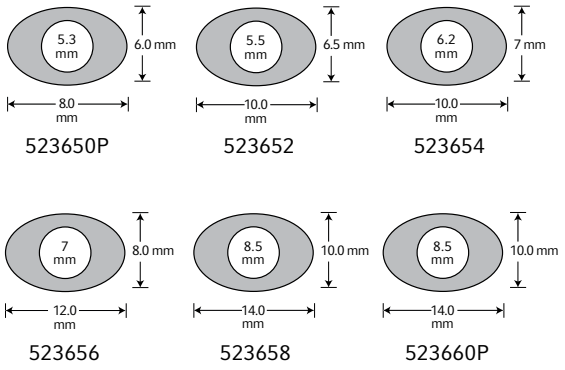
CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
523640	6 x 8 x 32	317 mm	5.1 mm	6.6 x 6.8 mm	12.0 mm	526640
523642	6.5 x 10 x 35	349 mm	5.5 mm	5.5 x 9.1 mm	15.2 mm	526642
523644	7 x 10 x 42	421 mm	5.8 mm	6.6 x 9.2 mm	15.3 mm	526644
523646	8 x 12 x 45	452 mm	7.0 mm	7.5 x 10.8 mm	15.9 mm	526646
523648	10 x 14 x 29	292 mm	8.6 mm	8.7 x 12.0 mm	19.5 mm	526648
523649	10 x 14 x 50	500 mm	8.5 mm	8.7 x 12.0 mm	19.2 mm	526649

Jesberg Design

JESBERG OVAL ESOPHAGOSCOPES



523650P



523650P 523652 523654

523656 523658 523660P

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

The oval tube used in the construction of this scope is thickened at its distal end to form a protective edge and finished to a smooth shape. Supplied with one light carrier. Blue fiber optic cable sold separately (see pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
523650P	6 x 8 x 32	320 mm	5.3 mm	6.0 x 8.0 mm	12.6 mm	526268
523652	6.5 x 10 x 35	349 mm	5.5 mm	6.5 x 10.0 mm	15.7 mm	526270
523654	7 x 10 x 42	421 mm	6.2 mm	7.0 x 10.0 mm	16.2 mm	526276
523656	8 x 12 x 45	452 mm	7.0 mm	8.0 x 12.0 mm	15.4 mm	526278
523658	10 x 14 x 29	291 mm	8.5 mm	10.0 x 14.0 mm	18.5 mm	526264
523660P	10 x 14 x 50	504 mm	8.5 mm	10.0 x 14.0 mm	19.2 mm	526282

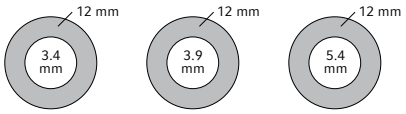
ESOPHAGOSCOPES

Holinger Design

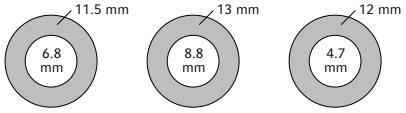
HOLINGER FIBEROPTIC ESOPHAGOSCOPES



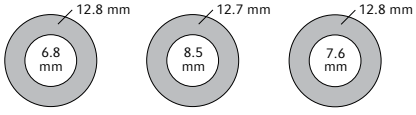
523570



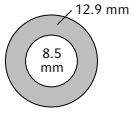
523570 523571 523572



523573 523574 523575



523577 523579 523581



523582

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

Designed by Dr. Paul Holinger, these fiberoptic esophagoscopes provide a nearly full view of the lumen with constant cool illumination. Special features of these esophagoscopes include:

- Large fiber bundle for increased distal illumination.
- Aspiration channel on the exterior of the scope to permit maximum lumen.
- Oval fiber optic light carrier to allow more viewing and instrumentation room in main tube.
- Smooth distal tip.
- 15 mm proximal end for attachment of accessories.
- Blue fiber optic cable sold separately (see pg. 81).

Holinger Fiberoptic Esophagoscopes are supplied with one light carrier and one window plug (522595).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL I.D.	MAX O.D.	REPLACE CARRIER
523570	3.5 x 30	300 mm	3.4 mm	12.0 mm	14.5 mm	527510
523571	4 x 30	300 mm	3.9 mm	12.0 mm	15.0 mm	527510
523572	6 x 30	300 mm	5.4 mm	12.0 mm	15.6 mm	527550
523573	7 x 30	300 mm	6.8 mm	11.5 mm	16.0 mm	527550
523574	9 x 30	300 mm	8.8 mm	13.0 mm	20.0 mm	527575
523575	5 x 35	349 mm	4.7 mm	12.0 mm	15.0 mm	527515
523577	7 x 45	451 mm	6.8 mm	12.8 mm	14.6 mm	527565
523579	9 x 53	530 mm	8.5 mm	12.7 mm	21.0 mm	527585
523581	8 x 45	451 mm	7.6 mm	12.8 mm	19.0 mm	527583
523582	9 x 45	451 mm	8.5 mm	12.9 mm	20.0 mm	527583

Dimensions are without window plug.

ESOPHAGOSCOPES

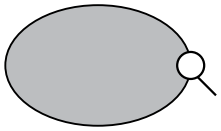
Jackson Design

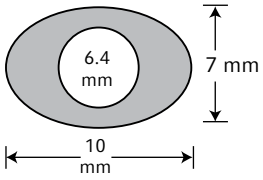
JACKSON FIBER OPTIC OVAL ESOPHAGOSCOPES



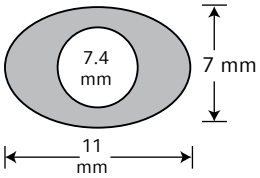
523604

STANDARD LUMEN

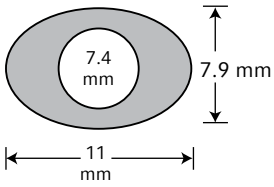




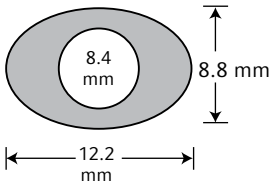
523600P



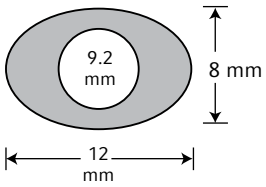
523602



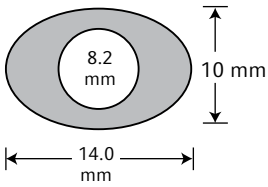
523604



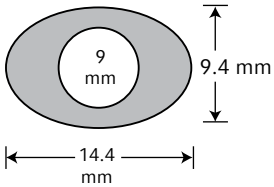
523606



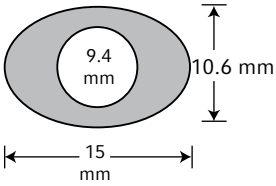
523608



523610P



523612



523614

Drawings illustrate Nominal Proximal Internal Dimensions and Minimum Internal Diameter (I.D.), **NOT TO SCALE.**

In the oval model, the distal end is slightly flared to form a blunt, smooth edge without increasing the bulk of the tip unnecessarily. The light carrier is placed on the right side of the tube so that the cord is directed away from the hand of the operator. Supplied with one light carrier. Blue fiber optic cable sold separately (see pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
523600P	7 x 10 x 25	251 mm	6.4 mm	7.0 x 10.0 mm	14.2 mm	526262
523602	8 x 12 x 50	502 mm	7.4 mm	7.0 x 11.0 mm	15.5 mm	526284
523604	9 x 13 x 25	251 mm	7.4 mm	7.9 x 11.0 mm	16.6 mm	526262
523606	10 x 14 x 30	302 mm	8.4 mm	8.8 x 12.2 mm	18.0 mm	526266
523608	10 x 14 x 40	401 mm	9.2 mm	8.0 x 12.0 mm	17.8 mm	526274
523610P	10 x 14 x 50	502 mm	8.2 mm	10.0 x 14.0 mm	17.5 mm	526284
523612	12 x 16 x 50	502 mm	9.0 mm	9.4 x 14.4 mm	18.8 mm	526284
523614	12 x 18 x 35	350 mm	9.4 mm	10.6 x 15.0 mm	20.7 mm	526272

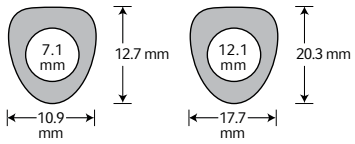
ESOPHAGOSCOPES

Specula

FORBES ESOPHAGEAL SPECULA



523675



523675 523677

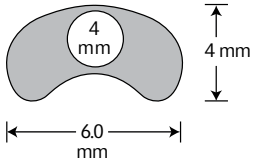
These specula are used for the retrieval of foreign objects lodged in the cervical esophagus. The lumen of these instruments is slightly off the round and the tube tapers gradually to the distal end. The length of the bevel of the tip varies according to the size of the instrument. Particularly useful in the removal of coins. Supplied with one light carrier. Blue fiber optic cable sold separately (see pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
523675	Child	161 mm	7.1 mm	10.9 x 12.7 mm	14.4 mm	526020
523677	Adult	222 mm	12.1 mm	17.7 x 20.3 mm	23.0 mm	526046

HOLINGER INFANT ESOPHAGEAL SPECULUM



523505

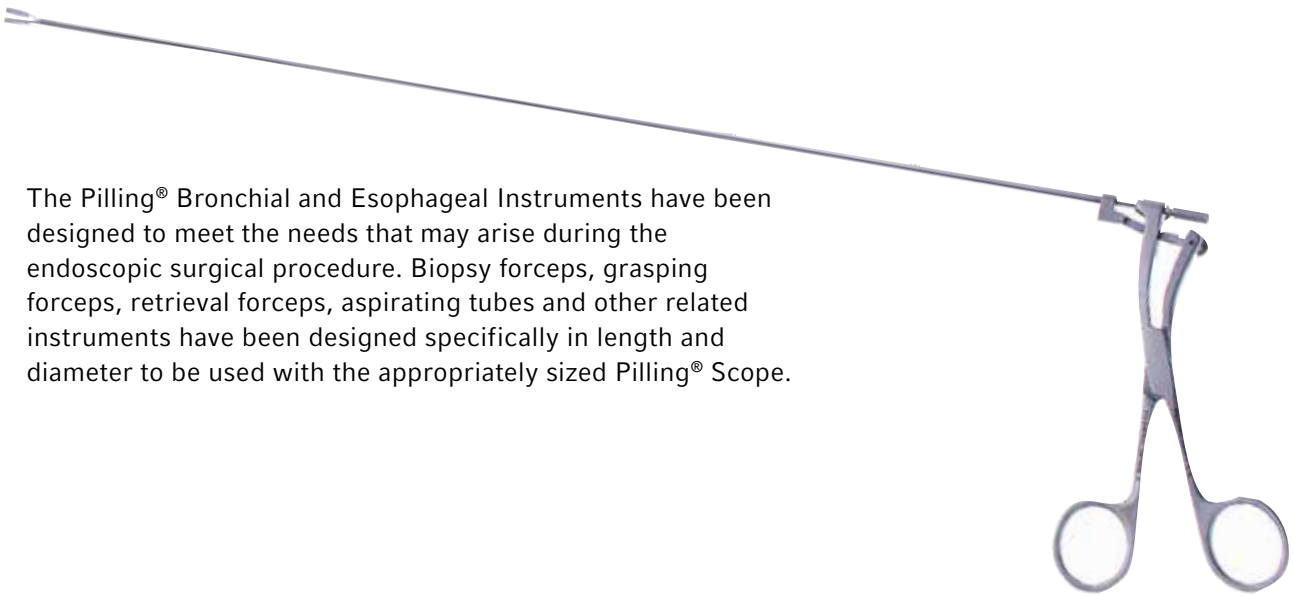


523505

The Holinger Infant Esophageal Speculum was designed for esophageal foreign body problems in small children. The length is adequate to reach foreign objects lodged in the cervical esophagus without the disadvantage of excess length. Supplied with one light carrier. Blue fiber optic cable sold separately (see pg. 81).

CATALOG #	SCOPE SIZE	OVERALL LENGTH	MIN I.D.	NOMINAL PROXIMAL DIMENSIONS	MAX O.D.	REPLACE CARRIER
523505	6 x 20	200 mm	4.0 mm	4.0 x 6.0 mm	10.0 mm	526218

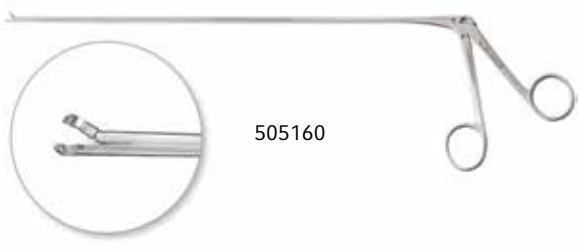
INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES



The Pilling® Bronchial and Esophageal Instruments have been designed to meet the needs that may arise during the endoscopic surgical procedure. Biopsy forceps, grasping forceps, retrieval forceps, aspirating tubes and other related instruments have been designed specifically in length and diameter to be used with the appropriately sized Pilling® Scope.

Biopsy Cup Forceps

EXTRA-LIGHTWEIGHT CONSTRUCTION FORCEPS



Very light shafts with small cup biting jaws, straight or slightly angled.

CATALOG #	CUP DIAMETER	SHAPE	WORKING LENGTH	FOR USE THRU SCOPES
505160	2 mm	Straight	35 cm	4.0 mm or larger
505162	2 mm	Straight	40 cm	4.0 mm or larger
505166	2 mm	Angular	35 cm	4.0 mm or larger
505168	2 mm	Angular	40 cm	4.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Biopsy Cup Forceps

HOLINGER CUP BITING SPECIMEN FORCEPS



505334

Cutting jaws with rounded tip and basket designed to prevent crushing of specimen. Cutting edges extend into box of instrument to permit clean, complete removal of specimen.

CATALOG #	CUP DIAMETER	SHAPE	WORKING LENGTH	FOR USE THRU SCOPES
505334	5 mm	Straight	60 cm	7.0 mm or larger

JACKSON SQUARE PUNCH SPECIMEN FORCEPS



505313

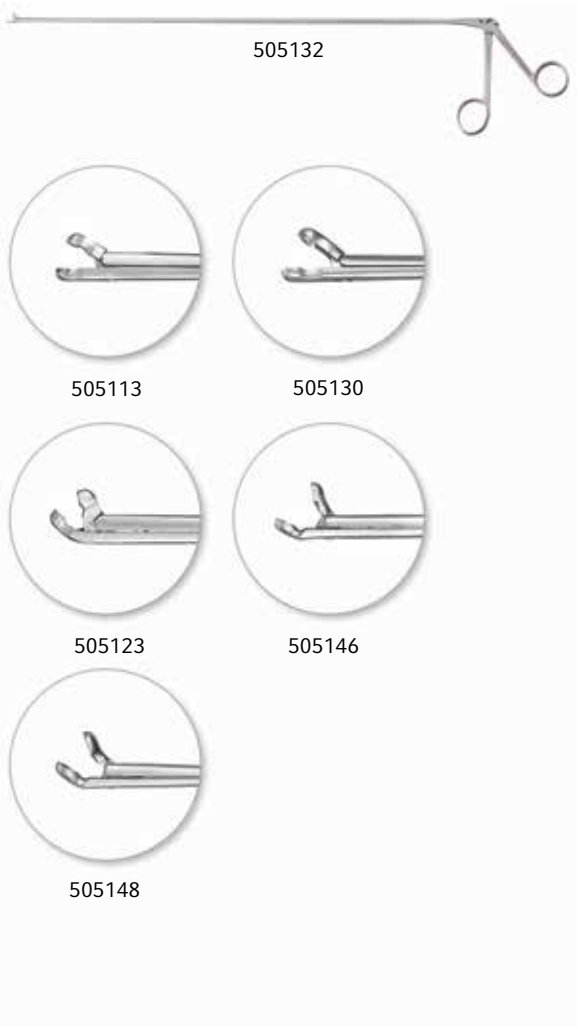
Basket built into lower blade to hold excised tissue.

CATALOG #	CUP DIAMETER	SHAPE	WORKING LENGTH	FOR USE THRU SCOPES
505313	5 mm	Straight	45 cm	6.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Biopsy Cup Forceps

SAM ROBERTS CUP BIOPSY FORCEPS - MOST POPULAR



Roberts Forceps have jaws specially shaped and angled for use through bronchoscopes and esophagoscopes of definite sizes.

CATALOG #	CUP DIAMETER	SHAPE	WORKING LENGTH	FOR USE THRU STD. BRONCH	FOR USE THRU ESOPHAGOSCOPES
505113	2 mm	Straight	50 cm	4.5 mm	3.5 mm
505130	4 mm	Straight	40 cm	7.0 mm	7.0 mm
505132	4 mm	Straight	50 cm	7.0 mm	7.0 mm
505134	4 mm	Straight	60 cm	7.0 mm	7.0 mm
505136	6 mm	Straight	40 cm	9.0 mm	9.0 mm
505138	6 mm	Straight	50 cm	9.0 mm	9.0 mm
505140	6 mm	Straight	60 cm	9.0 mm	9.0 mm
505123	2 mm	Angular	50 cm	4.5 mm	3.5 mm
505142	4 mm	Angular	40 cm	8.0 mm	8.0 mm
505144	4 mm	Angular	50 cm	8.0 mm	8.0 mm
505146	4 mm	Angular	60 cm	8.0 mm	8.0 mm
505148	6 mm	Angular	40 cm	10.0 mm	10.0 mm
505150	6 mm	Angular	50 cm	10.0 mm	10.0 mm
505152	6 mm	Angular	60 cm	10.0 mm	10.0 mm

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

JACKSON ALLIGATOR GRASPING FORCEPS - DOUBLE-ACTION



505414

Double articulating jaws are finely serrated and grooved. For use through bronchoscopes or esophagoscopes.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
505414	2.5 x 14 mm	50 cm	5.0 mm or larger
505415	2.5 x 14 mm	60 cm	5.0 mm or larger

JACKSON ALLIGATOR GRASPING FORCEPS - LIGHT CONSTRUCTION



505420

Finely serrated tapered jaws. For use through bronchoscopes or esophagoscopes.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
505420	1.5 x 17 mm	30 cm	5.0 mm or larger
505422	1.5 x 17 mm	40 cm	5.0 mm or larger

JACKSON ALLIGATOR GRASPING FORCEPS - EXTRA DELICATE

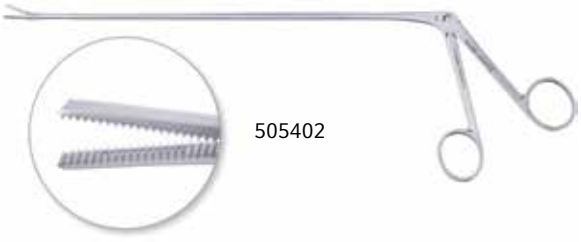


505433

For use through infant laryngoscopes and 3.5 mm bronchoscopes.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH
505432	2.3 x 12 mm	30 cm
505433	2.3 x 12 mm	35 cm

JACKSON ALLIGATOR GRASPING FORCEPS - STANDARD



505402

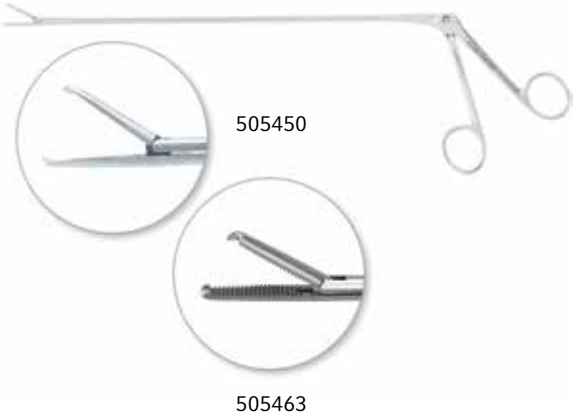
For use through bronchoscopes or esophagoscopes.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
505400	4 x 23 mm	28 cm	6.0 mm or larger
505402	4 x 23 mm	35 cm	6.0 mm or larger
505403	4 x 23 mm	40 cm	6.0 mm or larger
505404	4 x 23 mm	50 cm	6.0 mm or larger
505406	4 x 23 mm	60 cm	6.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

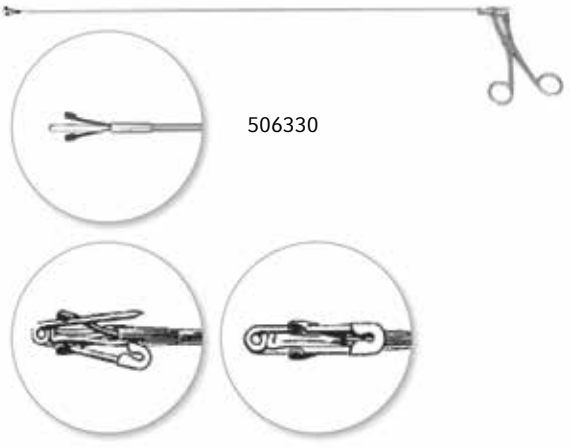
JACKSON ROTATION FORCEPS



Serrated jaws terminate in sharp teeth. Standard forceps are sturdily constructed with large, strong teeth for use through bronchoscopes and esophagoscopes. Delicate forceps feature light construction with small, sharp teeth. Stainless Steel.

CATALOG #	DESCRIPTION	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
505462	Delicate light	2.4 x 10 mm	30 cm	3.5 mm or larger
505463	Delicate light	2.4 x 10 mm	35 cm	3.5 mm or larger
505450	Standard	4 x 20 mm	28 cm	3.5 mm or larger
505455	Standard	4 x 20 mm	50 cm	7.0 mm or larger
505456	Standard	4 x 20 mm	60 cm	7.0 mm or larger

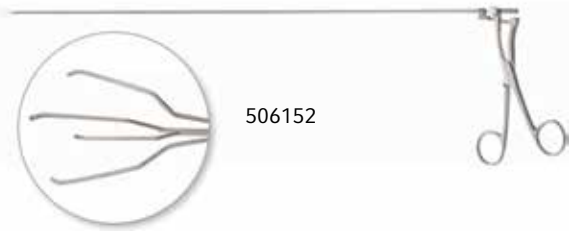
CLERF-ARROWSMITH SAFETY PIN CLOSING FORCEPS



A notched brace pushes the loop of the pin away from the jaws which simultaneously grasps the limbs of the pin. This action results in approximation of the point and keeper.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506330	45 cm	5.0 mm or larger	7/8" - 1-1/2"
506331	50 cm	5.0 mm or larger	7/8" - 1-1/2"

GORDON BEAD GRASPING FORCEPS



The four-bladed grasping unit is designed to completely surround a slippery, hard-surfaced, smooth object such as an oval bead or ball-bearing.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506150	45 cm	5.0 mm or larger	Small
506152	50 cm	6.0 mm or larger	Large

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

JACKSON DOUBLE PRONG GRASPING FORCEPS



506251

Powerful, fenestrated, deeply serrated blades with distal points are especially valuable in grasping teeth and similar difficult objects.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506251	45 cm	5.0 mm or larger	Medium
506252	50 cm	5.0 mm or larger	Medium

JACKSON DULL-POINTED RING ROTATION FORCEPS



506232

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506220	35 cm	3.5 mm or larger	Extra-Small
506232	60 cm	5.0 mm or larger	Large

JACKSON FENESTRATED MEAT GRASPING FORCEPS



506075

Large, deeply serrated blades.

CATALOG #	(MM) LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506075	50 cm	7.0 mm or larger	Large
506076	60 cm	7.0 mm or larger	Large

JACKSON FENESTRATED PEANUT GRASPING FORCEPS



506070

Jaws considerably lighter and smaller than meat grasping forceps.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506060	35 cm	3.5 mm or larger	Extra-Small
506063	35 cm	4.0 mm or larger	Small
506070	60 cm	5.0 mm or larger	Medium

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

JACKSON FORWARD GRASPING CUP FORCEPS



506016

These cannulated forceps are constructed entirely of stainless steel. The jaws are carefully shaped and set to provide a secure grip on the object to be removed. They are strong and durable and will sustain any degree of traction it is safe to exert. Serrated, cupped jaws in various sizes.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506000	35 cm	3.0 mm or larger	Extra-Small
506003	35 cm	4.0 mm or larger	Small
506004	40 cm	4.0 mm or larger	Small
506008	40 cm	4.0 mm or larger	Medium
506016	50 cm	5.0 mm or larger	Large
506017	60 cm	5.0 mm or larger	Large

JACKSON FORCEPS PARTS KIT



508590

Contains various sizes of screws and pivot pins for Jackson cannulated-style forceps.

CATALOG #	DESCRIPTION
508590	12 parts total

JESBERG FENESTRATED GRASPING FORCEPS



506053

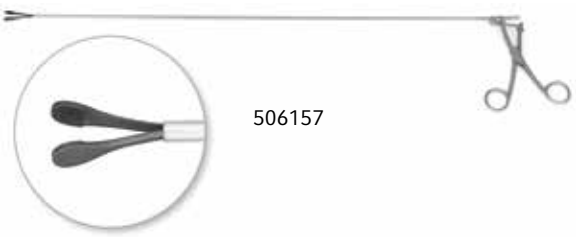
A multi-purpose forceps with fenestrated blades shaped to encircle an odd-shaped or globular object. Valuable as a forward grasping forceps for pebbles, beads, peanuts, meat, head presented tacks and nails. Light construction weight.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506053	50 cm	4.0 mm or larger	Light

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

TUCKER BEAD GRASPING FORCEPS



506157

Forceps have stiff, expanding springs and jaws designed to grasp over and beyond the greatest circumference of the bead. Blades are concave and back-serrated at the tip for secure grasp.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	CONSTRUCTION WEIGHT
506155	40 cm	4.0 mm or larger	Small
506157	50 cm	5.0 mm or larger	Medium

KAHLER GRASPING FORCEPS



505515

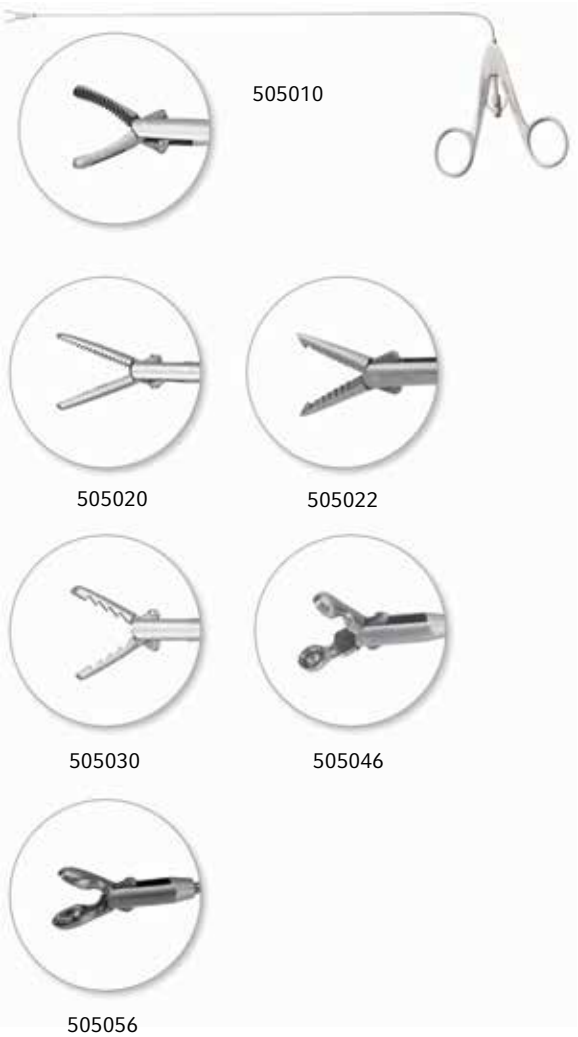
Jaws contain a series of teeth that provide a very secure grip on most foreign bodies.

CATALOG #	JAW WIDTH X LENGTH	WORKING LENGTH	FOR USE THRU SCOPES
505515	4 x 13 mm	60 cm	6.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Grasping Forceps

PILLING® DELICATE CENTER-ACTION BRONCHOSCOPIC FORCEPS



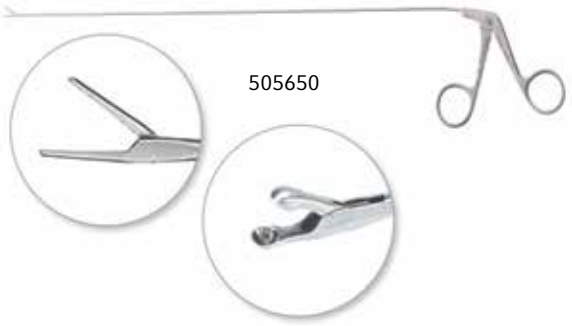
The slender stem allows far greater visibility. Center-action handle and double-action jaws eliminate tendency of distal end to pull away from object and rise. Stem does not bend under pressure from handles. Stainless steel construction.

CATALOG #	DESCRIPTION	WORKING LENGTH	FOR USE THRU SCOPES
505005	Fenestrated, cupped grasping	38 cm	3.5 mm or larger
505010	Fenestrated, cupped grasping	38 cm	4.0 mm or larger
505014	Fenestrated, cupped grasping	50 cm	4.0 mm or larger
505016	Alligator grasping	38 cm	4.0 mm or larger
505018	Alligator grasping	45 cm	4.0 mm or larger
505020	Alligator grasping	50 cm	4.0 mm or larger
505022	Rotation, 1 x 2 teeth	38 cm	4.0 mm or larger
505028	Kahler grasping	38 cm	4.0 mm or larger
505030	Kahler grasping	45 cm	4.0 mm or larger
505032	Kahler grasping	50 cm	4.0 mm or larger
505046	Circular cup biopsy forceps	38 cm	5.0 mm or larger
505048	Circular cup biopsy forceps	45 cm	5.0 mm or larger
505050	Circular cup biopsy forceps	50 cm	5.0 mm or larger
505056	Oval cup biopsy forceps	50 cm	5.0 mm or larger

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Forceps for Pediatric and Laser Scopes

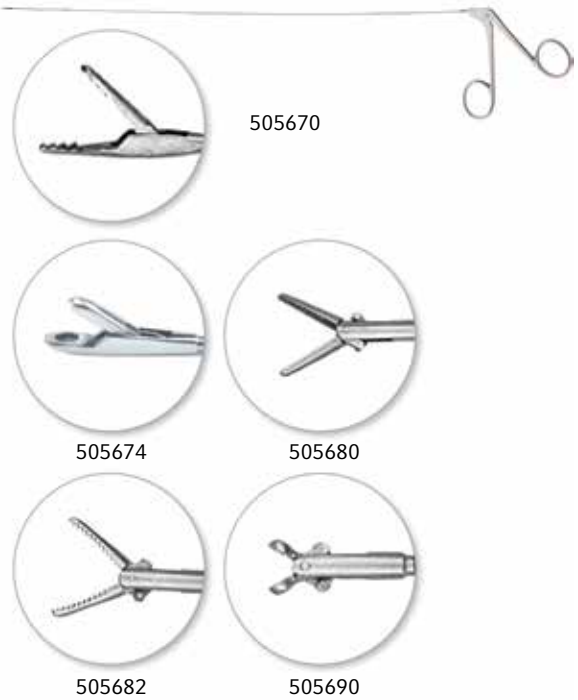
PEDIATRIC BRONCHOSCOPIC INSTRUMENTS



These miniature grasping and biopsy forceps and scissors with 2 mm stems have been designed to pass through the smaller pediatric bronchoscopes. The stems are slightly angled at the handle, affording unobstructed vision. Straight forward, 35 cm working length, will pass through a 3 mm or larger scope, 5 degree bend at handle.

CATALOG #	DESCRIPTION	SHAPE	WORKING LENGTH	FOR USE THRU SCOPES
505650	Grasping forceps	Straight forward	36 cm	3.0 mm or larger
505654	Biopsy forceps	Straight cup	36 cm	3.5 mm or larger
505662	Biopsy forceps	Oval cup	37 cm	3.5 mm or larger

PILLING® FLEXIBLE ENDOSCOPIC FORCEPS



The Pilling® Flexible Forceps were designed for use with Pilling® Laser and Standard Bronchoscopes. They easily pass through the instrument/fiber channel for the purpose of biopsy, foreign body retrieval and removal of char from laser ablation. These forceps are available in 1 mm and 2 mm sizes.

CATALOG #	OVERALL LENGTH	DESCRIPTION	FOR USE THRU SCOPES
505670	36.5 cm	1 mm alligator grasping	3.5 x 20 4.0 x 25
505674	36.5 cm	1 mm oval cup biopsy	3.5 x 20 4.0 x 25
505680	40 cm	1.5 mm alligator grasping, flexible	5.0 x 30 6.0 x 35
505682	40 cm	2 mm fenestrated grasping, flexible	5.0 x 30 6.0 x 35
505686	50 cm	2 mm alligator grasping, flexible	7.0 x 40 8.0 x 40 9.0 x 40
505690	50 cm	2 mm circular cup biopsy	7.0 x 40 8.0 x 40 9.0 x 40

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Suction Tubes

HOLINGER ASPIRATING TUBES

Holinger Tubes have an open distal tip as well as two opposing side openings. This allows for complete, rapid aspiration without clogging. These tubes are available in a standard model without thumb-valve and the thumb-valve control model.



507057

Standard Model

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
507050	45 cm	5.0 mm or larger	4 mm (12 Fr.)
507051	50 cm	5.0 mm or larger	4 mm (12 Fr.)
507052	60 cm	5.0 mm or larger	4 mm (12 Fr.)
507055	25 cm	4.0 mm or larger	3 mm (9 Fr.)
507057	35 cm	4.0 mm or larger	3 mm (9 Fr.)



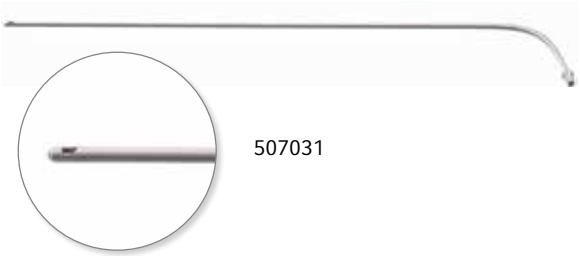
507060

Thumb Valve Control Model

CATALOG #	WORKING LENGTH	TUBE DIAMETER
507060	20 cm	3 mm (9 Fr.)
507065	35 cm	4 mm (12 Fr.)

For use through infant laryngoscopes for tracheal aspiration.

JACKSON "VELVET-EYE" ASPIRATING TUBES



507031

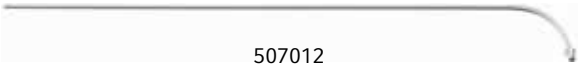
These tubes have a smooth, oval-shaped opening on each side of the distal tip and a closed, blunt end.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
507030	20 cm	5.0 mm or larger	4 mm (12 Fr.)
507031	35 cm	5.0 mm or larger	4 mm (12 Fr.)
507032	40 cm	5.0 mm or larger	4 mm (12 Fr.)
507033	45 cm	5.0 mm or larger	4 mm (12 Fr.)
507034	50 cm	5.0 mm or larger	4 mm (12 Fr.)
507035	60 cm	5.0 mm or larger	4 mm (12 Fr.)
507040	35 cm	4.0 mm or larger	3 mm (9 Fr.)
507041	40 cm	4.0 mm or larger	4 mm (12 Fr.)

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Suction Tubes

JACKSON OPEN END ASPIRATING TUBE



507012

Pilling® Aspirating Tubes, except in special designs, are constructed of stainless steel. They are measured in working length from distal tip to beginning of proximal curve or angle. Aspirating tubes should be 5 cm or 10 cm longer than the instructions through which they are used.

CATALOG #	WORKING LENGTH	FOR USE THRU SCOPES	TUBE DIAMETER
507010	20 cm	5.0 mm or larger	4 mm (12 Fr.)
507011	35 cm	5.0 mm or larger	4 mm (12 Fr.)
507012	40 cm	5.0 mm or larger	4 mm (12 Fr.)
507013	45 cm	5.0 mm or larger	4 mm (12 Fr.)
507014	50 cm	5.0 mm or larger	4 mm (12 Fr.)
507015	60 cm	5.0 mm or larger	4 mm (12 Fr.)
507020	35 cm	3.0 mm or larger	2.0 mm (6 Fr.)
507023	35 cm	3.5 mm or larger	2.6 mm (8 Fr.)
507027	35 cm	4.0 mm or larger	3.0 mm (9 Fr.)
507028	40 cm	4.0 mm or larger	3.0 mm (9 Fr.)

FULLY INSULATED SUCTION TUBE



507048

CATALOG #	DESCRIPTION
507048	With thumb-valve, 12 Fr. tip, working length 19-5/8" (50 cm). Supplied w/10 ft. Bovie cord and plug (507046)

BOVIE CORD FOR SUCTION TUBE



507046

CATALOG #	DESCRIPTION
507046	Replacement Bovie cord and plug for 507048, 10 ft.

INSTRUMENTATION FOR BRONCHOSCOPES AND ESOPHAGOSCOPES

Coagulation Suction Tubes

COAGULATION SUCTION TUBES



809600

Disposable foot control coagulation suction tubes, sterile, 10 per box.

CATALOG #	DESCRIPTION
809600	11 French, with stylet, 6" (15 cm)
809610	11 French, with stylet, 8" (20.5 cm)

LIGHTSOURCES

PILLING® SURGICAL LIGHTING SYSTEMS



528305XLTP

CATALOG #	DESCRIPTION
528300P	Xenon 300 Watt Lightsource, 5 Port Turret, 100-120V
528305XLTP	XenaLight™ XLT II Lightsource, 5 Port Turret, 100-120V
528302P	Xenon 300 Watt Lightsource Bulb/Cartridge
528303P	Xenon 300 Watt Lightsource Bulb
528308P	XenaLight™ XLT Bulb with Timer Board for Model 528305, 528305XLT
528310P	XenaLight™ XLT II Bulb with Timer Chip for Model 528305XLTP
528304P	Floorstand, Xenon 300 Watt, Base/Pole/Swivel
528309P	Floorstand, XenaLight™ XLT II, Base/Pole/Swivel
528341P	SurgiLux Headlight Variable 10-75 mm Spot with 8' XLG Cable
528342P	SurgiLux Headlight Fixed 100 mm Spot with 8' XLG Cable
528343P	SurgiLux Headlight Variable 10-75 mm Spot Headlight with 10' XLG Cable
528344P	SurgiLux Headlight Fixed 100 mm Spot with 10' XLG Cable
528339P	SurgiLux Headlight Variable 10-75 mm Spot with 8' XLG BIF Cable
528340P	SurgiLux Headlight Fixed 100 mm Spot with 8' XLG BIF Cable
W358XLGP	Headlight Cable 8', 3.5 mm, XLG Lensed (Wolf)
W3510XLGP	Headlight Cable, 10', 3.5 mm, XLG Lensed (Wolf)
W358LWP	Headlight Cable 8', 3.5 mm, Bifurcated Lensed (Wolf)
W3510LWP	Headlight Cable 10', 3.5 mm, Bifurcated Lensed (Wolf)
528351P	Headband Front Insert, Breath-O-Prene (Pkg of 5)
528352P	Headband Top Insert, Breath-O-Prene (Pkg of 5)
528353P	Headband Back Insert, Breath-O-Prene (Pkg of 5)
528354P	Joysticks (Pkg of 5)
528355P	Gown Clips (Pkg of 10)

FIBER OPTIC CABLES

PILLING® BLUE FIBER OPTIC CABLES



P358PRA



A358PRA



O358PRA



S358PRA

For use with Pilling® Laryngoscopes, Bronchoscopes and Esophagoscopes.

CATALOG #	DESCRIPTION
P358PRA	Pilling® Illuminator end, 3.5 mm bundle, 8 ft. length, Pilling® Rotating Instrument End
P356PRA	Pilling® Illuminator end, 3.5 mm bundle, 6 ft. length, Pilling® Rotating Instrument End
A358PRA	ACMI illuminator end, 3.5 mm bundle, 8 ft. length, Pilling® Rotating Instrument End (formally A358PR)
O358PRA	Olympus illuminator end, 3.5 mm bundle, 8 ft. length, Pilling® Rotating Instrument End
S358PRA	Storz illuminator end, 3.5 mm bundle, 8 ft. length, Pilling® Rotating Instrument End
W358PRA	Wolf illuminator end, 3.5 mm bundle, 8 ft. length, Pilling® Rotating Instrument End
A358AFA	ACMI illuminator end, 3.5 mm bundle, 8 ft. length, ACMI Female Instrument End
W358PXA	Bifurcated cable, Wolf illuminator end, 3.5 mm bundle, 8 ft. length, Pilling® Rotating Instrument End
W356PXA	Bifurcated cable, Wolf illuminator end, 3.5 mm bundle, 6 ft. length, Pilling® Rotating Instrument End



A358AFA



W358PXA



W356PXA

FIBER OPTIC CABLES

PILLING® ROTATING ENDFITTING REPLACEMENT TIP



50613AC

CATALOG #	DESCRIPTION
50613AC	Pilling® Rotating Endfitting Replacement tip for Pilling® Single Cables with catalog numbers ending in "PRA" (formerly 521166)

FIBER OPTIC INSTRUMENT CABLE END ADAPTERS



50614AC



50615AC

These adapters are to be used with standard Pilling® Fiber Optic Cables P358PRA or P356PRA.

CATALOG #	DESCRIPTION
50614AC	Pilling® to ACMI, adapts to Pilling® Single Cables with catalog numbers ending in "PRA" (formerly 521165) to have an ACMI illuminator end
50615AC	Pilling® to Wolf, adapts to Pilling® Single Cables with catalog numbers ending in "PRA" (formerly 521170) to have a Wolf illuminator end

ACMI ILLUMINATOR END ADAPTER FOR TYPE II CABLES



50616AC

This adapter attaches to fiber optic cables with a larger Pilling® End Fitting on one end and a light carrier permanently attached to the cable on the other end.

CATALOG #	DESCRIPTION
50616AC	Adapts to the following: 527850 Light Carrier Cable for Improved Tucker Mediastinscope, long (522311) 527853 Light Carrier Cable for Improved Tucker Mediastinscope, short (522306) 527860 Light Carrier Cable for Ossoff Adult Subglottiscopes (522244, 522245) 527862 Light Carrier Cable for Ossoff-Karlan-Dedo Laser Micro-Laryngoscope, adol (522238) 527863 Light Carrier Cable for Ossoff-Karlan-Dedo Laser Micro-Laryngoscope, child (522237)

BOUGIES/DILATORS

Esophageal Bougies

PILLING® BOUGIES/DILATORS

The comprehensive line of Pilling® Laryngeal and Esophogeal Dilators and Bougies includes designs by Drs. Jackson, Tucker and Maloney.



MALONEY-STYLE & HURST-STYLE BOUGIES (MADE OF SILICONE, MERCURY FREE)

The advantages of our exclusive new esophageal bougies start with what they don't have. Namely, mercury. Mercury is toxic and requires special handling and waste disposal procedures. But our patented tungsten gel-filling is completely nontoxic.
What's more, these bougies can be sterilized via steam; unlike mercury-filled bougies, they won't rupture during steam.
In addition, the silicone casing is non-slip when dry and slippery when wet. So it gives you a good grip, yet allows for easier, less traumatic insertion.

- Patented tungsten gel-filling is completely nontoxic, making it safer for patients and staff, with far less cost of disposal.
- Calibration marks, along with radio-opaque material in the flexible tip of the Maloney style, make it easy to determine the exact depth of insertion.
- Date stamp and three-year guarantee.

HURST TUNGSTEN-FILLED ESOPHAGEAL BOUGIES



507606

These tungsten-filled bougies have rounded distal tips. The closure on the proximal end is drilled through from side-to-side so a finger cord may be used. 29-1/2" (75 cm) approximate overall length.

CATALOG #	DESCRIPTION
507595	20 Fr.
507596	22 Fr.
507597	24 Fr.
507598	26 Fr.
507599	28 Fr.
507600	30 Fr.
507601	32 Fr.
507602	34 Fr.
507603	36 Fr.
507604	38 Fr.
507605	40 Fr.

CATALOG #	DESCRIPTION
507606	42 Fr.
507607	44 Fr.
507608	46 Fr.
507609	48 Fr.
507610	50 Fr.
507611	52 Fr.
507612	54 Fr.
507613	56 Fr.
507614	58 Fr.
507615	60 Fr.

BOUGIES/DILATORS

Esophageal Bougies

MALONEY TAPERED TUNGSTEN-FILLED ESOPHAGEAL BOUGIES



507942

This tungsten-filled bougie provides a single style of dilator for treating cardiospasm, esophagitis, stenosis and other esophageal diseases. The small, flexible tip is easily introduced through the cricopharynx area, cardioesophageal junction or stenosis. Once the tip is through the involved area, the tapered end allows the single bougie to dilate this portion of the esophagus to its maximum limit. Overall length is approximately 29-1/2" (75 cm).

CATALOG #	DESCRIPTION
507920	20 Fr.
507922	22 Fr.
507924	24 Fr.
507926	26 Fr.
507928	28 Fr.
507930	30 Fr.
507932	32 Fr.
507934	34 Fr.
507936	36 Fr.
507938	38 Fr.
507940	40 Fr.

CATALOG #	DESCRIPTION
507942	42 Fr.
507944	44 Fr.
507946	46 Fr.
507948	48 Fr.
507950	50 Fr.
507952	52 Fr.
507954	54 Fr.
507956	56 Fr.
507958	58 Fr.
507960	60 Fr.

BOUGIE TRAY



508000

Stainless steel. Separately holds 12 individual bougies (Maloney or Hurst). Two tiers with upper tier have hinged handle, perforated trays and lid. Holding pins hold bougie cap to keep bougie straight and in corrugated channels.

CATALOG #	DESCRIPTION
508000	31-5/8" x 11" (80.5 x 28 cm)

BOUGIES/DILATORS

Esophageal Dilators

JACKSON ESOPHAGEAL DILATORS



507820

The Pilling® Jackson Esophageal Dilator has proved popular and effective among surgeons. Now available in a durable silicone material. This configuration is the safest of all forms of dilators because of the thin, flexible stem that enables accurate ocular guidance of the dilator into the lumen of the stricture. A small size (12 Fr.) is often useful to make sure of a lumen ahead at the cricopharyngeal and hiatal levels during esophagoscopy as well as in cases of stenosis. The steel stem also permits the use of the tiniest filiform sizes. Overall length ranges from 25" (63.5 cm) for the 8 - 12 Fr. to 26-1/2" (67.5 cm) for the 20 - 42 Fr.

CATALOG #	DESCRIPTION
507807	Dilator Set, includes one of each size listed, 19 dilators, 8 Fr. - 42 Fr.
507808	8 Fr.
507809	9 Fr.
507810	10 Fr.
507812	12 Fr.
507814	14 Fr.
507816	16 Fr.
507818	18 Fr.
507820	20 Fr.
507822	22 Fr.
507824	24 Fr.
507826	26 Fr.
507828	28 Fr.
507830	30 Fr.
507832	32 Fr.
507834	34 Fr.
507836	36 Fr.
507838	38 Fr.
507840	40 Fr.
507842	42 Fr.

TUCKER LUMEN FINDERS



507876

Short, flexible, soft rubber tip affixed to 25-1/2" (65 cm) stem with removable handle extension. 30-3/4" (78 cm) overall length.

CATALOG #	DESCRIPTION
507875	14 Fr.
507876	16 Fr.
507877	18 Fr.

BOUGIES/DILATORS

Laryngeal Dilators

JACKSON LARYNGEAL DILATORS



507508

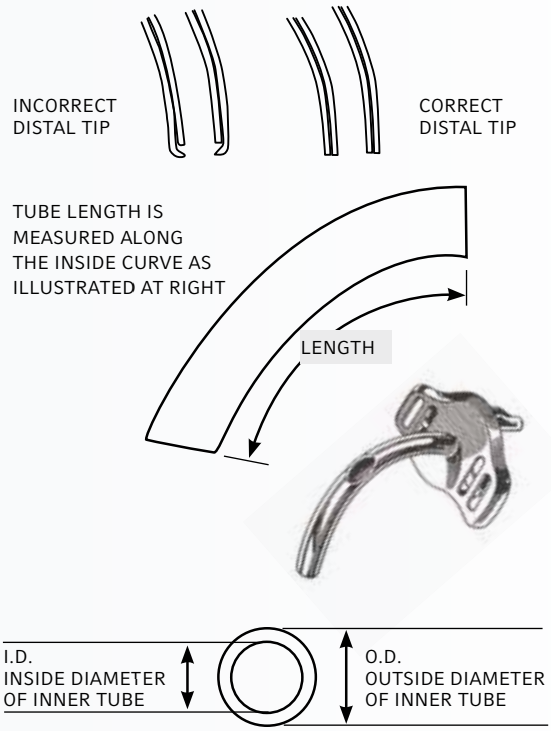
Rigid metallic dilators for direct laryngoscopic treatment of laryngeal stenosis. Eighteen graduated sizes for consecutive use, corresponding approximately to the French sizes listed below. Sizes 10-14 Fr. have a round end; sizes 16-44 Fr. have a triangular-shaped end. 11-3/4" (30 cm) length from tip to angle.

CATALOG #	DESCRIPTION
507500	10 Fr.
507501	12 Fr.
507502	14 Fr.
507503	16 Fr.
507504	18 Fr.
507505	20 Fr.
507506	22 Fr.
507507	24 Fr.
507508	26 Fr.
507509	28 Fr.
507510	30 Fr.
507511	32 Fr.
507512	34 Fr.
507513	36 Fr.
507514	38 Fr.
507515	40 Fr.
507516	42 Fr.
507517	44 Fr.

PILLING® TRACHEOSTOMY AND LARYNGECTOMY TUBES

Pilling® Tracheostomy and Laryngectomy Tubes are known for their innovation in the sterling silver and stainless steel products. Choose from the largest variety of tube available in standard sizes. In addition, special models and cuts are made to order. Pilling® Insertion Instruments, Speaking Valves and Decannulation Stoppers are also available.





Sterling silver and stainless steel trachea tube care and cleaning warning:
Do not soak, wash or expose the tubes to peroxide or enzyme cleaners, or sodium hydroxide. These chemical agents will cause the silver tubes to discolor, stain, tarnish and weaken the solder connection joints. These chemical agents will cause stainless steel to pit and stain.

TRACHEOSTOMY AND LARYNGECTOMY TUBES

Specifications from the tube designer are rigidly followed. Locking mechanisms are well designed and operate properly.

The inner and outer tubes fit closely to provide maximum airway. The distal edge of the inner tube is flush with, and fits very closely to, that of the outer tube to allow for correct and complete cleaning.

Stainless steel and sterling silver are used in the construction of Pilling® Tubes. Plating is not used because it wears off due to galvanic action between the plating and the base metal.

Pilling® Tubes are offered in the largest variety available from any single source; special models and sizes are available.

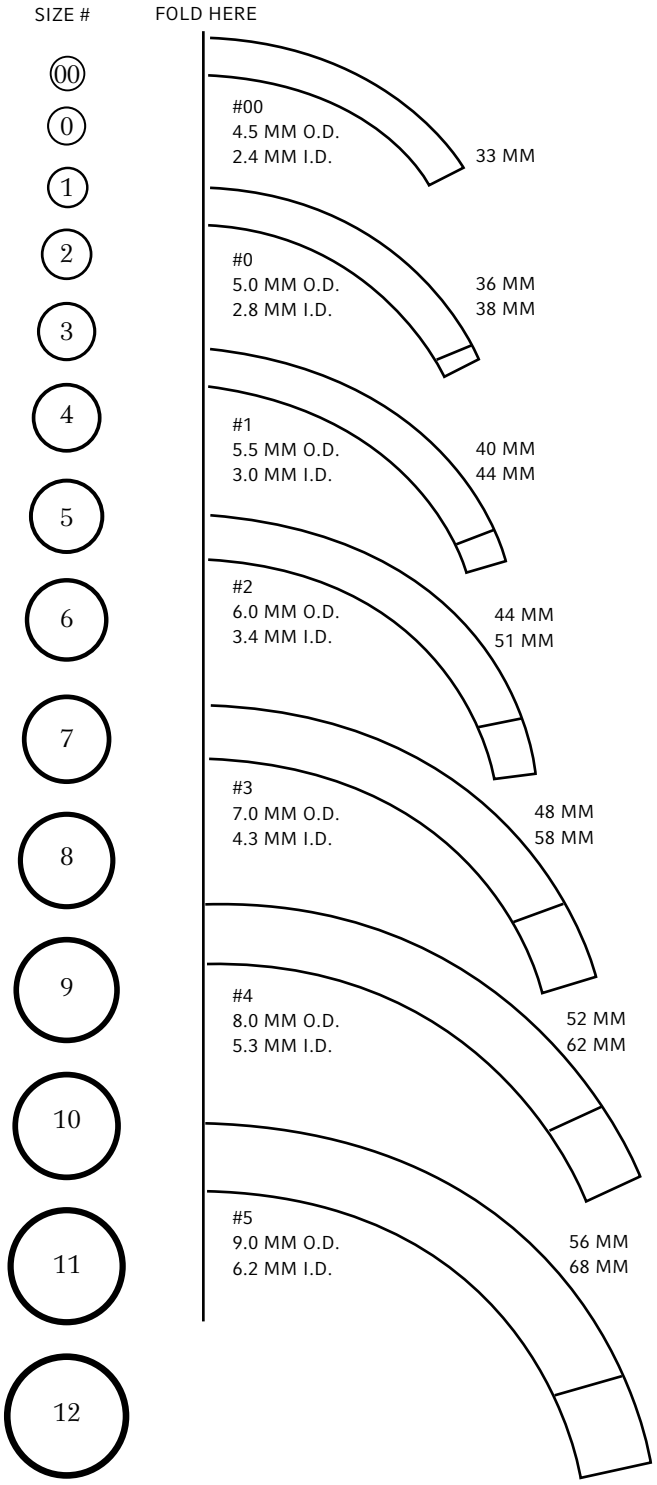
FENESTRATED TRACHEOSTOMY TUBES

Any Pilling® Tracheostomy Tube may be fenestrated upon request. The standard fenestration is located at a point, measured from the neck plate, equal to one-third of the length of the tube. Special fenestrated tubes can be made to order. The size and position of special fenestrations must be specified by the prescribing physician.

TRACHEOSTOMY AND LARYNGECTOMY TUBE DIMENSIONS

The dimensions of Pilling® Tracheostomy and Laryngectomy Tubes are given in a numerical size, an outside tube diameter and an inside tube diameter. The outside diameter (O.D.) is the mm diameter of the outer tube, while the inside diameter (I.D.) is the mm diameter of the inner tube distal end.

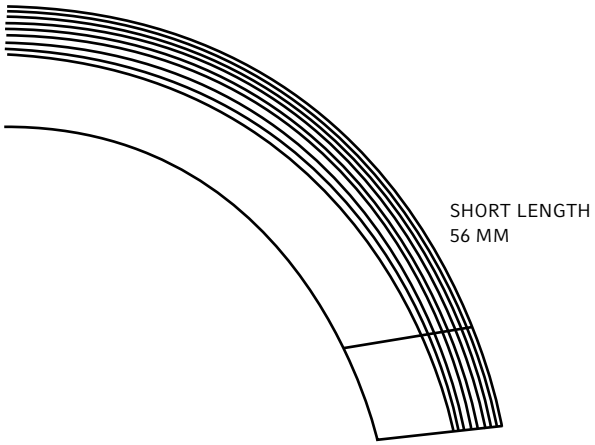
PILLING® JACKSON TRACHEOSTOMY TUBES



Stainless steel. Sterling silver.

SIZE AND SHAPE SPECIFICATIONS

To measure a tube, fold page on line where indicated and lay the tube on the outline with plate over the page edge. Dimensions shown are tube diameter in mm and Fr. size, and the length in mm around the inside curve. The shorter of the length indicated (48 mm on #3) applies to Jackson Short Length Tubes. The longer size (58 mm on #3) applies to Jackson Regular Length Tubes. The shape diagrams are quite accurate and are shown to aid in ordering special length tubes as well as standard lengths.



NOTE
FIRST LINE ON LENGTH CURVE = SHORT
FULL LENGTH CURVE = REGULAR
16 MM PAST FULL LENGTH LINE = EXTRA-LONG

#6	10.0 MM O.D.	7.2 MM I.D.
#7	11.0 MM O.D.	8.3 MM I.D.
#8	12.0 MM O.D.	9.2 MM I.D.
#9	13.0 MM O.D.	9.9 MM I.D.
#10	14.0 MM O.D.	10.6 MM I.D.
#11	15.3 MM O.D.	12.3 MM I.D.
#12	16.3 MM O.D.	12.7 MM I.D.

TRACHEOSTOMY TUBES

Jackson Improved Design

JACKSON IMPROVED TRACHEOSTOMY TUBES - REGULAR LENGTH



518030



* Fenestrated Jackson Tube

Stainless steel. The improved model with a rotating lock provides quick, easy removal of the inner tube. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518010	1	5.5	3.0	44.0
518015	2	6.0	3.4	51.0
518020	3	7.0	4.3	58.0
518025	4	8.0	5.5	62.0
518029*	4	8.0	5.5	62.0
518030	5	9.0	6.2	68.0
518034*	5	9.0	6.2	68.0
518035	6	10.0	7.2	69.0
518039*	6	10.0	7.2	69.0
518040	7	11.0	8.1	69.0
518044*	7	11.0	8.1	69.0
518045	8	12.0	9.2	69.0
518049*	8	12.0	9.2	69.0
518050	9	13.0	9.9	69.0
518055	10	14.0	10.6	69.0

** These Jackson Tubes are fenestrated to facilitate speech. The fenestration is located at a point measured from the neckplate equal to 1/3 of the length of the tube on both the inner and outer tubes.*

TRACHEOSTOMY TUBES

Jackson Improved Design

JACKSON EXTRA-LONG TRACHEOSTOMY TUBES WITH ROTATING LOCK



518904

Stainless steel. The Jackson Extra-Long Tracheostomy Tubes are 16 mm longer than standard Jackson tubes. They are made in sizes 5 through 9 only in stainless steel. Size and shape may be chosen using the Jackson Tracheostomy Tubes diagram located at the beginning of this section. The length of the outer arc is 16 mm longer than the regular length. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518900	5	9.0	6.2	84.0
518902	6	10.0	7.2	85.0
518904	7	11.0	8.3	85.0
518906	8	12.0	9.2	85.0
518908	9	13.0	9.9	85.0

TRACHEOSTOMY TUBES

Jackson Improved Design

JACKSON IMPROVED TRACHEOSTOMY TUBES - SHORT LENGTH



518225

Stainless steel. These tubes follow the regular Jackson curve and supply the need for tubes of lengths between the regular Jackson and the short Luer Tube. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518215	3	7.0	4.3	48.0
518220	4	8.0	5.5	52.0
518225	5	9.0	6.2	56.0
518230	6	10.0	7.2	56.0
518235	7	11.0	8.1	56.0
518240	8	12.0	9.2	56.0
518245	9	13.0	9.9	56.0
518250	10	14.0	10.6	56.0

JACKSON IMPROVED TRACHEOSTOMY TUBES WITH 15 MM ADAPTER - REGULAR LENGTH



518431

Stainless steel. For use with positive pressure and anesthesia units. Adapters are permanently attached and not available as parts. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518426	4	8.0	5.5	63.0
518431	5	9.0	6.2	69.0
518436	6	10.0	7.2	70.0
518441	7	11.0	8.1	70.0
518446	8	12.0	9.2	70.0
518456	10	14.0	10.6	70.0

TRACHEOSTOMY TUBES

Jackson Improved Design

JACKSON IMPROVED TRACHEOSTOMY TUBES WITH 15 MM ADAPTER - SHORT LENGTH



518625

Stainless steel. For use with positive pressure and anesthesia units. Adapters are permanently attached and not available as parts. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518620	4	8.0	5.5	52.0
518625	5	9.0	6.2	56.0
518630	6	10.0	7.2	56.0
518635	7	11.0	8.1	56.0
518640	8	12.0	9.2	56.0

JACKSON IMPROVED TRACHEOSTOMY TUBES MADE IN STERLING SILVER



511125

Sterling silver. An improved model with a rotating lock to provide quick and easy removal of the inner tube. The unobstructed surface of the neckplate eliminates snagging of gauze wipes, and lessened bulk can be more easily hidden beneath patients' clothing. The inert properties of sterling silver construction reduce the allergic reaction to stainless steel. A set consists of an outer tube, inner tube and obturator. These sterling silver Jackson tubes may be used with Tucker Valved Inner Tubes.

CATALOG #	DESCRIPTION	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
511125	Jackson Rotating Lock #4, inner and outer tubes, obturator	4	8.0	5.3	62.0
511130P	Jackson Rotating Lock #5, inner and outer tubes, obturator	5	9.0	6.1	68.0
511134P	Tucker Valve inner tube only to fit #5 Jackson Improved Tube	5	-	6.1	71.0
511135P	Jackson Rotating Lock #6, inner and outer tubes, obturator	6	10.0	7.1	69.0
511139P	Tucker Valve inner tube only to fit #6 Jackson Improved Tube	6	-	7.1	72.0
511140	Jackson Rotating Lock #7, inner and outer tubes, obturator	7	11.0	8.1	69.0
511144	Tucker Valve inner tube only to fit #7 Jackson Improved Tube	7	-	8.1	72.0
511145P	Jackson Rotating Lock #8, inner and outer tubes, obturator	8	12.0	9.1	69.0
511149	Tucker Valve inner tube only to fit #8 Jackson Improved Tube	8	-	9.1	72.0

TRACHEOSTOMY TUBES

Jackson Improved Design – Shikani Valve Compatible

JACKSON IMPROVED STYLE TRACHEA TUBES FOR USE WITH SHIKANI SPEAKING VALVE



Shikani French Speaking Valve shown attached to Jackson Trachea Tube.



* Fenestrated Jackson Tube

Product codes with an "A" on the end are designed to accept the Shikani-French Speaking Valve. Complete tube consists of inner tube, outer tube and obturator (pictured: outer tube with inner tube insert, obturator). Valve sold separately.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518025A	4	8.0	5.5	62.0
518029A*	4	8.0	5.5	62.0
518030A	5	9.0	6.2	68.0
518034A*	5	9.0	6.2	68.0
518035A	6	10.0	7.2	69.0
518039A*	6	10.0	7.2	69.0
518040A	7	11.0	8.1	69.0

** These Jackson tubes are fenestrated to facilitate speech. The fenestration is located at a point measured from the neckplate equal to 1/3 of the length of the tube on both the inner and outer tubes.*

TRACHEOSTOMY TUBES

Jackson Improved Design – Shikani Valve Compatible

SHIKANI-FRENCH SPEAKING VALVE AND INNER TUBE COMBINATION



518027

Patients using standard Pilling® Jackson Trachea Tubes can now realize the benefits provided by the Shikani-French Speaking Valve. By replacing the inner trachea tube with one of the tubes listed below, patients can attach the snap-on Shikani Valve. Each inner tube is provided with two speaking valves.

IF YOU ARE USING THIS STANDARD JACKSON TRACHEA TUBE ...		NON-FENESTRATED JACKSON IMPROVED INNER TUBE ONLY WITH 2 SHIKANI VALVES	SIZE	(MM) I.D.	(MM) LENGTH
518025	ORDER	518027	4	5.5	62.0
518030	ORDER	518032	5	6.2	71.0
518035	ORDER	518037	6	7.2	72.0
518040	ORDER	518042	7	8.1	72.0

SHIKANI-FRENCH TRACHEOSTOMY SPEAKING VALVE



518085

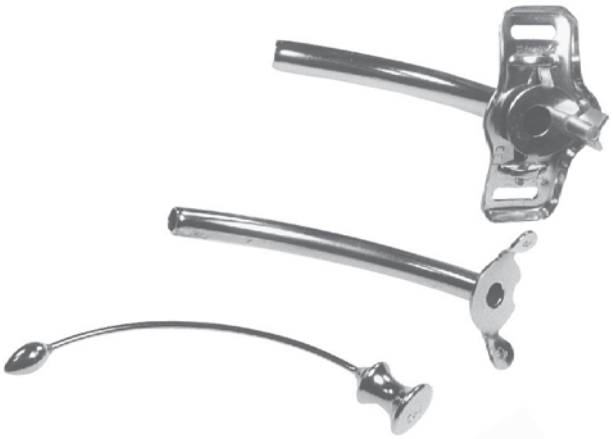
A lower airway resistance speaking valve, the Shikani-French Speaking Valve attaches to the standard 15 mm hubs found on plastic and metal tracheostomy tubes. Certain patients may benefit from this unique ball valve design which provides less resistance to airflow at very low flow rates when compared to the membrane valves used on other brands of tracheostomy speaking tubes. The Shikani-French Speaking Valve requires less effort to move air through the valve at low inspiration pressures. Competitive valves are normally in a closed position and require greater inspiratory pressures to initially open the valve and allow airflow. An additional advantage of the Shikani-French Speaking Valve is its low profile, which makes it easy to conceal under clothing.

CATALOG #	DESCRIPTION
518085	Shikani-French Speaking Valve for use with Jackson Improved Stainless Steel Tracheostomy Tubes (package of 2)

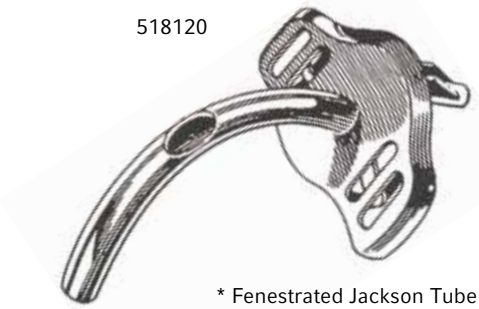
TRACHEOSTOMY TUBES

Jackson Original Design

JACKSON ORIGINAL TRACHEOSTOMY TUBES - REGULAR LENGTH



518120



* Fenestrated Jackson Tube

Stainless steel. These tubes have the neck plate of the original Jackson design with a small swivel lock holding the inner tube in place. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518100	00	4.5	2.4	33.0
518115	2	6.0	3.4	51.0
518120	3	7.0	4.3	58.0
518125	4	8.0	5.5	62.0
518129*	4	8.0	5.5	62.0
518130	5	9.0	6.2	68.0
518134*	5	9.0	6.2	68.0
518135	6	10.0	7.2	69.0
518139*	6	10.0	7.2	69.0
518140	7	11.0	8.1	69.0
518144*	7	11.0	8.1	69.0
518145	8	12.0	9.2	69.0
518149*	8	12.0	9.2	69.0
518150	9	13.0	9.9	69.0
518155	10	14.0	10.6	69.0

** These Jackson tubes are fenestrated to facilitate speech. The fenestration is located at a point measured from the neckplate equal to 1/3 of the length of the tube on both the inner and outer tubes.*

JACKSON ORIGINAL TRACHEOSTOMY TUBES - SHORT LENGTH



518315

These tubes follow the original Jackson curve and supply the need for tubes of lengths between regular Jackson and the short Luer tube. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518315	3	7.0	4.3	48.0
518320	4	8.0	5.5	52.0
518325	5	9.0	6.2	56.0
518330	6	10.0	7.2	56.0
518335	7	11.0	8.1	56.0
518340	8	12.0	9.2	56.0

TRACHEOSTOMY TUBES

Jackson Original Design

JACKSON ORIGINAL TRACHEOSTOMY TUBES WITH 15 MM ADAPTER - REGULAR LENGTH



518521

Stainless steel. For use with positive pressure and anesthesia units. Adapters are permanently attached and not available as parts. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518521	3	7.0	4.3	58.0
518526	4	8.0	5.5	62.0
518531	5	9.0	6.2	68.0
518536	6	10.0	7.2	69.0
518541	7	11.0	8.1	69.0
518546	8	12.0	9.2	69.0
518556	10	14.0	10.6	69.0

JACKSON ORIGINAL TRACHEOSTOMY TUBES WITH 15 MM ADAPTER - SHORT LENGTH



518730

Stainless steel. For use with positive pressure and anesthesia units. Adapters are permanently attached and not available as parts. A set consists of an outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
518720	4	8.0	5.5	52.0
518730	6	10.0	7.2	56.0

TRACHEOSTOMY TUBES

Tucker Design

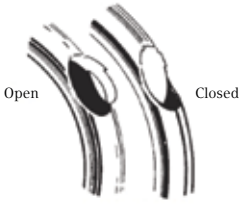
TUCKER TRACHEA TUBES AND VALVES



511734



511735



TUCKER VALVE

Tucker Tracheostomy Tubes
Sterling silver. Acutely curved to a full 90 degree arc. The neckplate, with small swivel lock, is of a distinctive design for identification purposes. A set consists of an outer tube, inner tube and obturator. Tucker-valved inner tubes (see below) are accessories.

Tucker Speaker Valve
The Tucker Valve is built into an inner tube and allows for normal speech without covering the tube with a finger. The valve opens on inhalation through the tube. On exhalation, the valve leaflet closes, forcing air up through the upper airway. Tucker-valved inner tubes are available for regular length Jackson and Tucker Tubes as a standard item in sizes 4 through 9 in Tucker Tubes, and 4 through 8 in Jackson Tubes. Other sizes and styles are made on special order. The Tucker Valve is for use with sterling silver tubes only. Tucker Valve Inner Tubes are not supplied as part of the regular trachea tube and must be ordered separately. An obturator is supplied with the inner and outer tube sets.

CATALOG #	DESCRIPTION	(MM) O.D.	(MM) I.D.	(MM) LENGTH
511725	Size 4, inner and outer tubes, obturator	8.0	5.3	55.0
511729	Tucker valve inner tube to fit #4 Tucker tube	-	5.3	58.0
511730	Size 5, inner and outer tubes, obturator	9.0	6.1	60.0
511734	Tucker valve inner tube to fit #5 Tucker tube	-	6.1	63.0
511735	Size 6, inner and outer tubes, obturator	10.0	7.2	60.0
511739	Tucker valve inner tube to fit #6 Tucker tube	-	7.2	63.0
511740	Size 7, inner and outer tubes, obturator	11.0	8.1	60.0
511744	Tucker Valve Inner Tube to fit #7 Tucker Tube	-	8.1	63.0
511745	Size 8, inner and outer tubes, obturator	12.0	9.1	60.0
511749	Tucker Valve Inner Tube to fit #8 Tucker Tube	-	9.1	63.0

TRACHEOSTOMY TUBES

Mayo Design

MAYO CLINIC TUBE



511945

The Mayo Clinic Tube has a Holinger-Style Neckplate on a Jackson Stainless Steel tube.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
511930	5	9.0	6.2	56.0
511940	6	10.0	7.2	56.0
511945	6	10.0	7.2	69.0
511955	7	11.0	8.1	69.0

Holinger Design

HOLINGER TRACHEOSTOMY TUBE



512205

Sterling silver. The tube is attached to the plate-shield at an acute downward angle of 65 degrees rather than the usual 90 degree tube-to-plate alignment. The dimensions of the neckplate are in proportion to the tube size. Corners are rounded; there are no rough projections. Funnel-shaped opening provides for easy insertion of aspirating catheters. A set consists of an outer tube, inner tube and obturator. Available in size 6. Additional sizes available by special order.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
512205	6	10.0	7.1	63.0

TRACHEOSTOMY TUBES

Luer Design

LUER TRACHEOSTOMY TUBE



511635

Sterling silver. This short model tube is more acutely curved than Jackson types and has the original style neckplate. A set consists of an outer tube, inner tube and obturator. All are 42 mm long. Available in size 6. Additional sizes available by special order.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
511635	6	10.0	7.1	42.0

TRACHEOSTOMY TUBES

Air-Lon® Design

AIR-LON® TRACHEA TUBE INHALATION SETS



515116

Air-Lon® Tracheal Inhalation Cannula Set, nylon, includes an outer cannula, obturator and inner cannula with a permanently attached 15 mm male adapter; sizes 4, 6, 7 and 8.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) INNER LENGTH	(MM) OUTER LENGTH
515106	4	8.0	5.0	62.0	76.0
515116	6	10.0	8.0	72.0	89.0
515121	7	11.0	9.0	76.0	95.0
515126	8	12.0	10.0	81.0	102.0

AIR-LON® TRACHEA TUBES



515120

Air-Lon® Trachea Tube, nylon, 90 degree arc; sizes 4 through 8.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) INNER LENGTH	(MM) OUTER LENGTH
515105	4	8.0	5.0	62.0	76.0
515110	5	9.4	7.0	65.0	83.0
515115	6	10.0	8.0	72.0	89.0
515120	7	11.0	9.0	76.0	95.0
515125	8	12.0	10.0	81.0	102.0

TRACHEOSTOMY TUBES

Laryngectomy Style Tubes

HOLINGER LARYNGECTOMY TUBES



516270

Sterling silver. The cannula is attached to the plate at an acute downward angle of approximately 65 degrees. The shield is shaped carefully to be flat and with no projections to catch gauze. Rotating lock mechanism. A set consists of outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
516270	7	12.0	9.0	50.0
516275	8	13.6	10.0	50.0
516280	9	14.0	10.6	50.0
516285	10	14.3	11.2	50.0

JACKSON LARYNGECTOMY TUBES



519005

Stainless steel. These tubes have the standard Jackson curve with an improved neckplate. The rotating lock provides a protrusion-free surface for ease in wiping. Flattened shape allows neckplate to be hidden more easily beneath clothing. A set consists of outer tube, inner tube and obturator.

CATALOG #	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
519000	6	10.0	7.2	55.0
519005	7	12.0	9.1	55.0
519010	8	13.6	10.0	55.0
519015	9	14.0	10.7	55.0
519020	10	14.5	11.1	55.0
519025	11	15.4	12.3	55.0
519030	12	16.4	12.7	55.0

TRACHEOSTOMY TUBES

Laryngectomy Style Tubes

MARTIN LARYNGECTOMY TUBES - REGULAR AND EXTENSION



516390

Sterling silver. The Martin Cannula is short length and is attached to the neckplate shield at an acute downward angle. These tubes are available as a regular set consisting of outer tube, inner tube, and obturator. Martin Tubes are also available with the dressing extension cannula, a 2.5 mm extension projecting proximally to extend out past thick, bulky dressings. The Martin Extension set consists of outer tube, standard inner tube, special extension inner tube and obturator.

Regular Sets

COMPLETE TUBE	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
516390	10	14.0	10.6	43.0
516400	12	16.3	12.7	43.0

Extension Set

COMPLETE TUBE	SIZE	(MM) O.D.	(MM) I.D.	(MM) LENGTH
516430	6	16.3	12.7	43.0

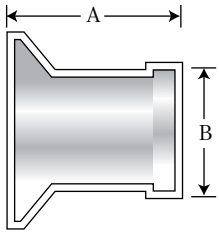
TRACHEOSTOMY TUBES

Trach Buttons

NORRIS TRACHEOSTOMY BUTTONS



512780



Useful in preventing contracture of the tracheal stoma. Machined of white PTFE.

CATALOG #	(MM) I.D.	(MM) A	(MM) B
512780	8.3	19.0	11.0
512782	9.1	19.0	12.0
512784	10.3	19.0	13.0

TRACHEOSTOMY TUBES

Decannulation Stoppers

DECANNULATION STOPPERS



1037806



1037816



1037826



1037836

A variety of colored, tapered plastic plugs with attached cords for insertion into the inner cannula of a trachea tube to obstruct, or partially obstruct, the lumen during decannulation. Available in four styles. Full-size plugs often used as catheter plugs.

CATALOG #	SIZE	COLOR	CLOSURE
1037800	0	Yellow	1/4
1037801	1	Yellow	1/4
1037802	2	Yellow	1/4
1037803	3	Yellow	1/4
1037804	4	Yellow	1/4
1037805	5	Yellow	1/4
1037806	6	Yellow	1/4
1037807	7	Yellow	1/4
1037808	8	Yellow	1/4
1037809	9	Yellow	1/4
1037810	0	Green	1/2
1037811	1	Green	1/2
1037812	2	Green	1/2
1037813	3	Green	1/2
1037814	4	Green	1/2
1037815	5	Green	1/2
1037816	6	Green	1/2
1037817	7	Green	1/2
1037818	8	Green	1/2
1037819	9	Green	1/2
1037820	0	Purple	3/4
1037821	1	Purple	3/4
1037822	2	Purple	3/4
1037823	3	Purple	3/4
1037824	4	Purple	3/4
1037825	5	Purple	3/4
1037826	6	Purple	3/4
1037827	7	Purple	3/4
1037828	8	Purple	3/4
1037829	9	Purple	3/4
1037830	0	White	Full
1037831	1	White	Full
1037832	2	White	Full
1037833	3	White	Full
1037834	4	White	Full
1037835	5	White	Full
1037836	6	White	Full
1037837	7	White	Full
1037838	8	White	Full
1037839	9	White	Full

TRACHEOSTOMY TUBES

Tracheal Dilators

JACKSON-TROUSSEAU TRACHEAL DILATORS



514376

2-blade design.

CATALOG #	DESCRIPTION
514375	Infant, tip width 4.0 mm, tip length 25.5 mm, 5-1/2" (14 cm)
514376	Child, tip width 4.4 mm, tip length 17.5 mm, 5-1/2" (14 cm)
514377	Adult, tip width 5.2 mm, tip length 25.5 mm, 5-1/2" (14 cm)

LABORDE TRACHEAL DILATOR



514380

3-blade design.

CATALOG #	DESCRIPTION
514380	5-1/2" (14 cm)

TRACHEOSTOMY TUBES

Miscellaneous

NEWS TRACHEA RETRACTOR



070114

CATALOG #	DESCRIPTION
070114	Sharp, 10 mm hook, 5-7/8" (15 cm)

LUKENS THYMUS RETRACTOR



514412

CATALOG #	DESCRIPTION
514412	Blade 3/8" wide x 1/4" deep (9 x 6 mm), Overall length 6-7/8" (17.5 cm)

JACKSON TRACHEAL TENACULUM



514413

CATALOG #	DESCRIPTION
514413	Hook depth 1/4" (0.5 cm), 5-1/4" (13.5 cm)

JACKSON TRACHEAL RETRACTOR, DOUBLE-ENDED



514414

Pilling® Pattern, satin finish.

CATALOG #	DESCRIPTION
514414	Double-pronged, 1" wide x 1/4" deep (2.5 cm x 0.5 cm) blade, 6-7/8" (17.5 cm)

TRACHEOSTOMY TUBES

Miscellaneous

JACKSON TRACHEA RETRACTOR



070116

Weck® Pattern, bright finish.

CATALOG #	DESCRIPTION
070116	2 prongs, 7" (18 cm)

BERNAY FINGER RAKE TRACHEAL RETRACTORS



514433



514438

CATALOG #	DESCRIPTION
514430	1 prong, sharp, 6-5/8" (17 cm)
514431	2 prongs, sharp, 6-5/8" (17 cm)
514433	3 prongs, sharp, 6-5/8" (17 cm)
514435	1 prong, blunt, 6-5/8" (17 cm)
514436	2 prongs, blunt, 6-5/8" (17 cm)
514437	3 prongs, blunt, 6-5/8" (17 cm)
514438	4 prongs, blunt, 6-5/8" (17 cm)

TRACHEOSTOMY TUBES

Cleaning Brushes

HOLMAN TRACHEA TUBE BRUSHES



508545

For loosening hardened secretions not freed by washing.

CATALOG #	DESCRIPTION
508545	Set of three: small, medium, large
508546	Trachea tube brush, small 6.5 mm x 14.5 cm
508547	Trachea tube brush, medium 8 mm x 15 cm
508548	Trachea tube brush, large 9 mm x 20 cm

HOLMAN SCOPE BRUSHES - FOR BRONCHOSCOPES AND ESOPHAGOSCOPES



508540

For loosening hardened secretions not freed by washing.

CATALOG #	DESCRIPTION
508540	Set of three: small, medium, large
508541	Brush for large scopes, 15 mm x 62 cm
508542	Brush for medium scopes, 11 mm x 56 cm
508543	Brush for small scopes, 9 mm x 49 cm
508544	Special extra small brush for infant scopes, 6 mm x 46 cm

EAR INSTRUMENTS

Curettes

BILLEAU EAR LOOPS



411231

CATALOG #	DESCRIPTION
411230	Small, #1, 6-1/2" (16.5 cm)
411231	Medium, #2, 6-1/2" (16.5 cm)
411232	Large, #3, 6-5/8" (17 cm)

BUCK EAR CURETTES



411202

Blunt, 6-1/2" (16.5 cm).

CATALOG #	DESCRIPTION
411200	Size 00
411201	Size 0
411202	Size 1
411203	Size 2
411204	Size 3

DAY EAR HOOK



411241

CATALOG #	DESCRIPTION
411241	Small, #2, 6-3/4" (17 cm)

EAR INSTRUMENTS

Curettes

HOUSE CURETTES



020300

7" (17.7 cm), Blade A 1.8 mm, Blade B 1.5 mm.

CATALOG #	DESCRIPTION
020300	Strongly angled
020302	Lightly angled

Elevators

HOUSE RETRACTOR



Double-ended.

CATALOG #	DESCRIPTION
029350	Blade A 20 x 7 mm, blade B 24 x 9.5 mm, 6" (15 cm)

Forceps

ALLIGATOR FORCEPS



Serrated jaws.

CATALOG #	DESCRIPTION
020120	6 mm, shaft 3-1/8" (8 cm)
020121	4.5 mm, shaft 3-1/8" (8 cm)

EAR INSTRUMENTS

Forceps

HARTMANN ALLIGATOR FORCEPS



CATALOG #	DESCRIPTION
KM55164	Serrated, 12 mm jaw, 6-1/2" (16.5 cm)

HOUSE ALLIGATOR FORCEPS



CATALOG #	DESCRIPTION
020100	Serrated, 8 mm jaws, shaft 3-1/8" (8 cm)

HARTMANN EAR DRESSING FORCEPS



CATALOG #	DESCRIPTION
411520	Serrated, 2.5 x 7 mm jaws, 5-1/8" (13 cm)
KM55188	Delicate, serrated, 2.2 mm x 7 mm jaws, 5" (12.5 cm)

MICROMINIATURE ALLIGATOR FORCEPS



CATALOG #	DESCRIPTION
020571	Straight, serrated, ebonized, shaft 3-1/8" (8 cm)

EAR INSTRUMENTS

Forceps

HOUSE STRUT FORCEPS



CATALOG #	DESCRIPTION
020130	Smooth jaws, 5 mm, 3-1/8" (8 cm)

TOBEY EAR FORCEPS



CATALOG #	DESCRIPTION
411515	Serrated, 2 x 3 mm jaws, working length 2" (5 cm)

NOYES EAR FORCEPS



CATALOG #	DESCRIPTION
411525	Serrated, 2 x 10 mm jaws, 3-1/2" (9 cm)

EAR INSTRUMENTS

Forceps

HARTMANN-HERZFELD CUP FORCEPS



Straight.

CATALOG #	DESCRIPTION
411535	2 mm cups, shaft length 3-3/8" (9 cm)
411540	3 mm cups, shaft length 3-3/8" (9 cm)

ROUND CUP FORCEPS



CATALOG #	DESCRIPTION
020165	0.75 mm cup jaws, shaft 3-1/8" (8 cm)

OVAL SPOON FORCEPS



CATALOG #	DESCRIPTION
020155	Straight, 1 mm cup, 3-1/8" (8 cm)

EAR INSTRUMENTS

Forceps

WILDE EAR FORCEPS


KM57176

CATALOG #	DESCRIPTION
KM57176	Angular, delicate, serrated, 4-1/8" (10.5 cm)

Scissors

BELLUCCI ALLIGATOR SCISSORS


020210

CATALOG #	DESCRIPTION
020210	Curved right, 5 mm blades, shaft 3-3/8" (8.5 cm)
020211	Curved left, 5 mm blades, shaft 3-3/8" (8.5 cm)

EAR INSTRUMENTS

Scissors

HOUSE BELLUCCI MINI ALLIGATOR SCISSORS



020204

CATALOG #	DESCRIPTION
020204	Straight, sharp, 4.5 mm blades, 3-1/8" (8 cm)

Specula

BOUCHERON EAR SPECULUM



025101

Round.

CATALOG #	DESCRIPTION
025100	Complete set of four
025101	Size 1, diameter 3 mm
025102	Size 2, diameter 3.5 mm
025103	Size 3, diameter 4.5 mm
025104	Size 4, diameter 5 mm

EAR INSTRUMENTS

Specula

FARRIER OVAL SPECULUM



025163

Oval.

CATALOG #	DESCRIPTION
025160	Size 3 x 4 mm
025162	Size 4 x 5 mm
025163	Size 4.5 x 5.5 mm
025164	Size 5 x 6 mm
025165	Size 5.5 x 6.5 mm
025166	Size 6 x 7 mm
025167	Size 6.5 x 7.5 mm
025168	Size 7 x 8 mm
025169	Size 7.5 x 8.5 mm

HARTMANN EAR SPECULUM

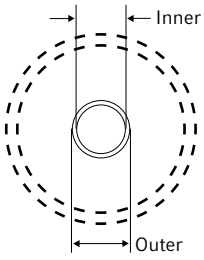


411140

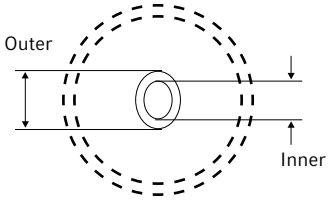
Round and oval.

CATALOG #	DESCRIPTION
411140	Round, chrome plated, set of four
411145	Oval, chrome plated, set of four

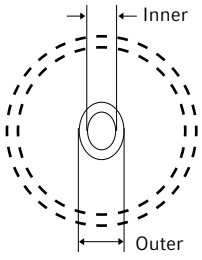




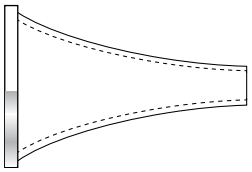
Round



Oval "A"



Oval "B"

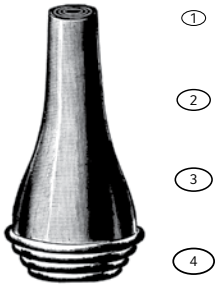


		SIZE 1		SIZE 2		SIZE 3		SIZE 4	
CATALOG #	SHAPE	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.	I.D.	O.D.
411140	Round	3 mm	4 mm	4 mm	5 mm	5.5 mm	6.5 mm	7 mm	8 mm
411145	Oval A	3.5 mm	4.5 mm	4.5 mm	5.5 mm	5.5 mm	6.5 mm	6.5 mm	7.5 mm
	Oval B	2.5 mm	3.5 mm	3.5 mm	4.5 mm	4.5 mm	5.5 mm	5.5 mm	6.5 mm

EAR INSTRUMENTS

Specula

GRUBER EAR SPECULUM



KM56172

Oval. Adult, chrome.

CATALOG #	DESCRIPTION
KM56168	# 1, 4 x 5 mm
KM56170	# 2, 5 x 6 mm
KM56172	# 3, 6 x 7 mm
KM56174	# 4, 7 x 8 mm

ENDAURAL EAR SPECULUM

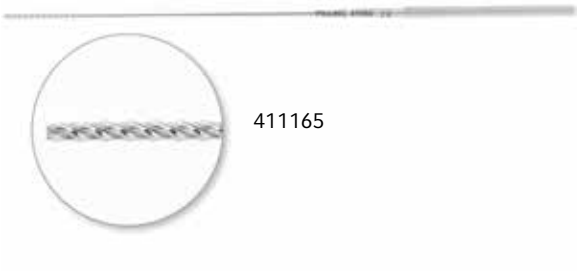


029480

CATALOG #	DESCRIPTION
029480	26 mm blade, strongly curved shaft, 5-5/8" (14.5 cm)

Miscellaneous

FARRELL (LATHBURY) APPLICATOR



411165

CATALOG #	DESCRIPTION
411165	Twisted end, 6-1/4" (16 cm)
411166	Triangular end, 6-3/8" (16 cm)

EAR INSTRUMENTS

Miscellaneous

MYRINGOTOMY KNIFE

026510

CATALOG #	DESCRIPTION
026510	Straight, 7 x 2 x 0.5 mm blade, 6-1/2" (16.5 cm)

GROSS SPOON AND HOOK



KM56104

CATALOG #	DESCRIPTION
KM56104	3.5 mm diameter spoon, 4 mm right angle hook, 4-3/4" (12 cm)

NASAL INSTRUMENTS

Elevators

BOIES NASAL ELEVATOR



053115

CATALOG #	DESCRIPTION
053115	Straight, 9.5 mm tip, 7-3/4" (19.5 cm)

GOLDMAN SEPTUM DISPLACER



441730

CATALOG #	DESCRIPTION
441730	6.5 mm wide, 8" (20.5 cm)

COTTLE DOUBLE-ENDED ELEVATOR



053135

CATALOG #	DESCRIPTION
053135	Blade A 5 mm, blade B 3 mm, graduated in 10 mm increments, 8-7/8" (22.5 cm)

FREER DOUBLE-ENDED ELEVATORS



036500

Curved, sharp and blunt blades. Weck® Pattern, bright finish. 7-1/2" (19 cm).

CATALOG #	DESCRIPTION
036500	Narrow, 4.5 mm
036501	Wide, 6.5 mm

FREER DOUBLE-ENDED ELEVATOR



355194

Pilling® Pattern, satin finish.

CATALOG #	DESCRIPTION
355194	Blades are sharp and blunt, 4.5 mm wide, 7" (18 cm)

NASAL INSTRUMENTS

Elevators

FREER DOUBLE-ENDED ELEVATOR



KM57614

CATALOG #	DESCRIPTION
KM57614	Curved, sharp and blunt blades, 5 mm wide, 7-1/2" (19 cm)

GILLIES ZYGOMA ELEVATOR



441740

CATALOG #	DESCRIPTION
441740	1/4" (6 mm) blade, angled, 9" (23 cm)

JOSEPH PERIOSTEAL ELEVATOR



053120

CATALOG #	DESCRIPTION
053120	Curved, 4 mm blade, 6-3/4" (17 cm)

MCKENTY ELEVATOR



053102

CATALOG #	DESCRIPTION
053102	Curved, 5 mm blade, 5" (12.5 cm)

KLEINERT KUTZ ELEVATOR AND DISSECTOR



KM57615

CATALOG #	DESCRIPTION
KM57615	2 mm x 3 mm sharp ends, 7-5/8" (19.5 cm)

ALLERDYCE ELEVATOR AND DISSECTOR



KM57616

CATALOG #	DESCRIPTION
KM57616	8 mm semi-sharp and 8 mm blunt ends, 7-1/2" (19 cm)

NASAL INSTRUMENTS

Forceps

ALLIGATOR NASAL FORCEPS



CATALOG #	DESCRIPTION
057150	Serrated 10 x 1 mm jaw, shaft 7" (18 cm)

NOYES NASAL ALLIGATOR FORCEPS



CATALOG #	DESCRIPTION
431325	Straight, serrated, 8 x 2 mm jaw, shaft 5-1/2" (14 cm)

BLAKESLEY NASAL FORCEPS



CATALOG #	DESCRIPTION
031430	Serrated, 13.5 x 7 mm jaw, shaft 7-1/2" (19 cm)

NASAL INSTRUMENTS

Forceps

TAKAHASHI FORCEPS



CATALOG #	DESCRIPTION
431360	2.5 mm wide, 4-7/8" (12.5 cm)
431362	4 mm wide, 4-7/8" (12.5 cm)

WILDE (BLAKESLEY) NASAL FORCEPS



Fenestrated cup, pointed tip.

CATALOG #	DESCRIPTION
431366	Medium, 10.5 x 4 mm jaw, 4-7/8" (12.5 cm)

RUBIN SEPTAL MORSELIZER



056650

CATALOG #	DESCRIPTION
056650	Double-action serrated jaw, 15 x 4 mm, 8-1/4" (21 cm)

NASAL INSTRUMENTS

Forceps

JANSEN-MIDDLETON NASAL RONGEURS



031500

CATALOG #	DESCRIPTION
031500	Thru cutting cup 13 x 4 mm, shaft 3-1/2" (9 cm)
031502	Thru cutting cup 14 x 5 mm, shaft 3-7/8" (10 cm)
031505	Spoon shaped biting cup 15 x 5 mm, shaft 3-5/16" (8.5 cm)

ASCH SEPTUM FORCEPS



443610

CATALOG #	DESCRIPTION
443610	Angled, 28 mm tip, 9-1/8" (23 cm)

COTTLE COLUMELLA FORCEPS



443480

CATALOG #	DESCRIPTION
443480	12 mm tip width, 4-3/8" (11 cm)

NASAL INSTRUMENTS

Knives

BALLENGER KNIVES



036111

Swivel knife.

CATALOG #	DESCRIPTION
036110	Straight 3 mm blade, 8" (20.5 cm)
036111	Straight 4 mm blade, 7-1/2" (19 cm)

COTTLE KNIFE GUIDE AND RETRACTOR



050190

CATALOG #	DESCRIPTION
050190	Delicate, knife guide 4 mm, retractor 14.5 mm, 7-3/4" (19.5 cm)

COTTLE NASAL KNIFE



050120

CATALOG #	DESCRIPTION
050120	Straight 32 x 5 mm blade, 5-5/8" (14.5 cm)

FREER D MODEL SEPTUM KNIFE



036100

CATALOG #	DESCRIPTION
036100	8 mm blade, 6-1/2" (16.5cm)

Osteotomes

ANDERSON-NIEVERT OSTEOTOMES



051191

Curved, 8" (20.5 cm).

CATALOG #	DESCRIPTION
051190	Right
051191	Left
051195	Straight

COTTLE OSTEOTOMES



051152

Rounded corners, 7-1/4" (18.5 cm).

CATALOG #	DESCRIPTION
051150	4 mm
051152	6 mm
051155	9 mm
051158	12 mm

NASAL INSTRUMENTS

Osteotomes

MINI OSTEOTOMES

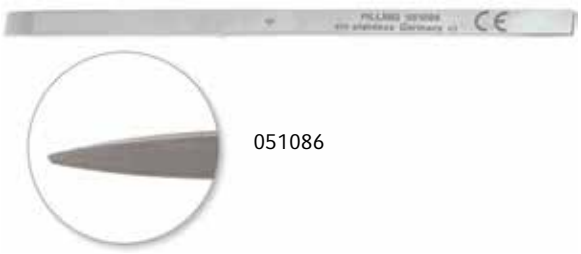


441208

Curved, 5" (12.5 cm).

CATALOG #	DESCRIPTION
441207	4 mm
441208	6 mm

LAMBOTTE-STYLE OSTEOTOMES



051086

5" (12.5 cm), flat thin blade.

CATALOG #	DESCRIPTION
051082	2 mm
051084	4 mm
051086	6 mm
051088	8 mm
051090	10 mm
051092	12 mm
051095	15 mm

HEX-HANDLE OSTEOTOMES



051104

6" (15.2 cm), flat thin blade.

CATALOG #	DESCRIPTION
051102	2 mm
051103	3 mm
051104	4 mm
051105	5 mm
051106	6 mm
051107	7 mm
051109	9 mm
051110	10 mm

Raspatories

AUFRICHT RASP



052162

CATALOG #	DESCRIPTION
052162	Curved, up-cutting blade, 25 x 9 mm, 8" (20.5 cm)

NASAL INSTRUMENTS

Raspatories

AUFRICHT-GLABELLA RASP



052165

CATALOG #	DESCRIPTION
052165	Up and down-cutting, curved blade, 9 x 30 mm, 7-1/2" (19 cm)

CONVERSE RASP



052180

CATALOG #	DESCRIPTION
052180	Double-ended, fine and course serrations, 7-1/8" (18 cm)

COTTLE RASP



052130

CATALOG #	DESCRIPTION
052130	Straight, down-cutting blade, 36 x 9 mm, 8-1/4" (21 cm)

JOSEPH RASP



441530

CATALOG #	DESCRIPTION
441530	Fine serrations, 6 -7/8" (15.5 cm)

NASAL INSTRUMENTS

Raspatories

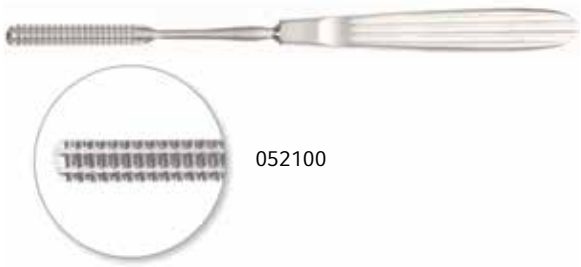
KLEINERT-KUTZ RASP



441555

CATALOG #	DESCRIPTION
441555	4-sided tips, 7.5 mm wide, 8-5/8" (22 cm)

MALTZ RASP



052100

CATALOG #	DESCRIPTION
052100	Straight, down-cutting blade, 37 x 6 mm, 7-1/8" (18 cm)

WIENER ANTRUM RASP



037101

CATALOG #	DESCRIPTION
037101	Medium, 4 mm trocar point, 7-7/8" (20 cm)

NASAL INSTRUMENTS

Scissors

BECKER SEPTUM SCISSORS



431425

CATALOG #	DESCRIPTION
431425	3/4" (2 cm) serrated blades, 7" (18 cm)

CAPLAN NASAL SCISSORS



031750

CATALOG #	DESCRIPTION
031750	20 mm serrated blades angled 45 degrees, 7" (18 cm)

FOMAN NASAL SCISSORS



056400

CATALOG #	DESCRIPTION
056400	40 mm angled, straight, smooth blades, 5-1/2" (14 cm)

NASAL INSTRUMENTS

Scissors

FOMON LOWER LATERAL SCISSORS



056360

CATALOG #	DESCRIPTION
056360	25 mm strongly curved blades, 5-1/4" (13.5 cm)

KNIGHT NASAL SCISSORS



031800

CATALOG #	DESCRIPTION
031800	42 mm blades angled 30 degrees, 6-1/4" (16 cm)

RHINOPLASTY FLAT TIP SCISSORS



056302

CATALOG #	DESCRIPTION
056302	35 mm curved blades, flat dissecting tips, 5-3/8" (13.5 cm)

NASAL INSTRUMENTS

Sinus Instruments

FESS SINOSCOPY FORCEPS



431433

CATALOG #	DESCRIPTION
431433	Serrated, 5-3/4" (14.5 cm)

THRU-CUT FORCEPS



431437

CATALOG #	DESCRIPTION
431437	Serrated upper jaw, 5-3/4" (14.5 cm)

BACKBITER FORCEPS



431440

CATALOG #	DESCRIPTION
431440	Straight, jaw 1.5 x 6 mm, 7" (18 cm)

NASAL INSTRUMENTS

Sinus Instruments

SIDE BITER FORCEPS



CATALOG #	DESCRIPTION
431445	Right-side downward cut, 3 mm tip, 5-1/8" (13 cm)
431446	Left-side downward cut, 3 mm tip, 5-1/8" (13 cm)

KERRISON THRU-CUT RONGEURS



CATALOG #	DESCRIPTION
431451	Curved 30 degrees, 7-7/8" (20 cm)
431452	Curved 70 degrees, rotating, working length 5-5/8" (14.5 cm)
431461	Straight, rotating, working length 4-3/4" (12 cm)
431462	Angled 30 degrees, 8" (20.5 cm)
431463	Angled 45 degrees, 7-3/4" (19.5 cm)

FRONTAL SINUS THRU-CUT FORCEPS



CATALOG #	DESCRIPTION
431480	3.5 mm tip, 8-5/8" (22 cm), 5-1/8" (13 cm)

NASAL INSTRUMENTS

Sinus Instruments

FRONTAL SINUS FORCEPS



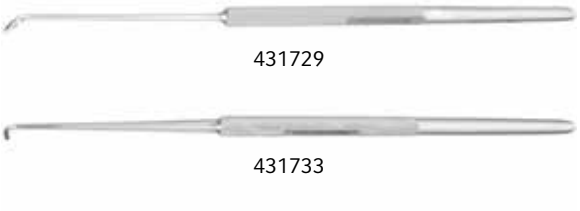
CATALOG #	DESCRIPTION
431481	5-1/8" (13 cm)

SINUS SEEKERS



CATALOG #	DESCRIPTION
431710	Maxillary Seeker: 1.5 mm and 1.8 mm ball tips, 8-1/8" (20.5 cm)
431711	Frontal Seeker: 1.8 mm ball tip and 0.9 mm tip, 7-7/8" (20 cm)

FRONTAL SINUS CURETTES



CATALOG #	DESCRIPTION
431728	Angled, 45 degrees, 2.8 mm tip, 7-1/2" (19 cm)
431729	Angled, 45 degrees, 3.5 mm tip, 7-5/8" (19.5 cm)
431732	Angled, 90 degrees, 2.8 mm tip, 7-1/2" (19 cm)
431733	Angled, 90 degrees, 3.5 mm tip, 7-5/8" (19.5 cm)

NASAL INSTRUMENTS

Snares

BRUENING BAYONET NASAL SNARE



037500

CATALOG #	DESCRIPTION
037500	9" (23 cm)

KRAUSE NASAL SNARES



037510

037512

CATALOG #	DESCRIPTION
037510	10" (25.5 cm)
037512	Stylet only

NASAL SNARE WIRES

070704

4-3/8" (11 cm) precut. 144 per package.

CATALOG #	DESCRIPTION
070701	4 Ga., nose
070702	5 Ga., nose
070704	7 Ga., throat
070705	8 Ga., throat
070706	9 Ga., throat

NASAL INSTRUMENTS

Specula

TIECK INFANT NASAL SPECULUM



030100

CATALOG #	DESCRIPTION
030100	18 mm blade, spread 28 mm, 5-1/2" (14 cm)

SONNENSCHEIN CHILD NASAL SPECULUM



030180

CATALOG #	DESCRIPTION
030180	Small, 27 mm blade, spread 28 mm, angled 80 degrees, 6" (15 cm)

KILLIAN NASAL SPECULUMS



030303

Removable spring. 5-1/8" (13 cm).

CATALOG #	DESCRIPTION
030301	Size 1, 45 mm blade
030302	Size 2, 55 mm blade
030303	Size 3, 65 mm blade
030304	Size 4, 80 mm blade

NASAL INSTRUMENTS

Specula

COTTLE SEPTUM SPECULUM



431130

CATALOG #	DESCRIPTION
431130	5 cm blade, with locking screw, 5-1/2" (14 cm)

VIENNA NASAL SPECULUMS



431111

CATALOG #	DESCRIPTION
431110	Small, #1, 28 mm blade, 5-1/4" (13.5 cm)
431111	Medium, #2, 30 mm blade, 5-3/8" (13.5 cm)
431112	Large, #3, 33 mm blade, 5-3/8" (13.5 cm)

PECK-VIENNA NASAL SPECULUM



431120

CATALOG #	DESCRIPTION
431120	29 mm blade, 5-3/8" (13.5 cm)

NASAL INSTRUMENTS

Miscellaneous

AUFRICHT NASAL RETRACTOR



054720

CATALOG #	DESCRIPTION
054720	Small blade, 40 x 8 mm, angled shaft, 6-3/4" (17 cm)

CUTTING BLOCK

411331

CATALOG #	DESCRIPTION
411331	Made of POM (polyoxymethylene), 3" x 1-1/2" x 3/8" (7.5 x 4 x 1 cm)

MOUTH AND THROAT INSTRUMENTS

Adenotomes/Tonsillectomes

ADENOTOME BLADES



070522

Use with LaForce and Shambaugh Adenotomes.
Slanted catch knob.

CATALOG #	DESCRIPTION
070521	No. 1, small, 55 x 12.5 mm
070522	No. 2, medium, 55 x 16 mm
070523	No. 3, large, 55 x 19 mm

LA FORCE ADENOTOMES



070502

9" (23 cm).

CATALOG #	DESCRIPTION
070501	No. 1, small, blade 25 x 16 mm
070502	No. 2, medium, blade 26 x 19 mm
070503	No. 3, large, blade 30 x 22 mm

SHAMBAUGH REVERSE CURVE ADENOTOMES



070511

8-5/8" (22 cm).

CATALOG #	DESCRIPTION
070511	No. 1, small, blade 25 x 16 mm
070512	No. 2, medium, blade 26 x 19 mm

WECK DANIELS BLADES



070605

CATALOG #	DESCRIPTION
070604	No. 1, for 070600 (pg. 522)
070605	No. 2, for 070601

MOUTH AND THROAT INSTRUMENTS

Adenotomes/Tonselectomes

WECK DANIELS TONSILLECTOME



070600

4-1/2" (11.5 cm) fluted handle, overall 7-1/8" (18 cm).

CATALOG #	DESCRIPTION
070600	No. 1, 18 mm blade, 17 mm fenestration

Curettes

BARNHILL ADENOID CURETTES



461352

CATALOG #	DESCRIPTION
461350	# 0, 8-1/2" (21.5 cm)
461351	# 1, 8-1/2" (21.5 cm)
461352	# 2, 8-1/2" (21.5 cm)
461353	# 3, 8-1/2" (21.5 cm)
461354	# 4, 8 5/8" (22 cm)

SHAMBAUGH ADENOID CURETTES



072122

Reverse curve.

CATALOG #	DESCRIPTION
072120	Size 0, 11 x 13 mm, 8-1/4" (21 cm)
072122	Size 2, 15 x 18 mm, 8-1/4" (21 cm)
072124	Size 4, 19 X 22 mm, 8-1/4" (21 cm)

MOUTH AND THROAT INSTRUMENTS

Forceps

COLLINS TONGUE SEIZING FORCEPS



CATALOG #	DESCRIPTION
452510	Straight, 6-3/4" (17 cm)

COLVER COAKLEY TONSIL FORCEPS



CATALOG #	DESCRIPTION
461600	Straight, 7-1/2" (19 cm)
461605	Curved, 7-1/2" (19 cm)

MAGILL CATHETER FORCEPS



Catheter introducing forceps with cross serration.

CATALOG #	DESCRIPTION
452550	Adult, 9-1/4" (23.5 cm)
452551	Child, 7-1/8" (18 cm)

MOUTH AND THROAT INSTRUMENTS

Forceps

WHITE TONSIL FORCEPS



461615

Curved.

CATALOG #	DESCRIPTION
461610	7-1/8" (18 cm)
461615	9-1/2" (24 cm)

Laryngeal Mirrors

LARYNGEAL MIRRORS



508204

Extra thin, permanently mounted on handle.
Shaft length is 6-3/4" (17 cm). 8" overall length.

CATALOG #	DESCRIPTION
508200	#000, 8 mm diameter
508201	#00, 10 mm diameter
508202	#0, 12 mm diameter
508203	#1, 16 mm diameter
508204	#2, 18 mm diameter
508205	#3, 20 mm diameter
508206	#4, 22 mm diameter
508207	#5, 24 mm diameter
508208	#6, 28 mm diameter
508209	#7, 30 mm diameter

Mouth Gags

DAVIS & MCIVOR LEFT TONGUE BLADES



070342

6" (15 cm), for use with right bite Davis Mouth Gags.

CATALOG #	DESCRIPTION
070340	Blade Size 2, 2-7/16" x 15/16" (62 x 24 mm)
070342	Blade Size 3, 3" x 1-1/16" (76 x 27 mm)
070344	Blade Size 4, 3-9/16" x 1-5/16" (90 x 34 mm)

MOUTH AND THROAT INSTRUMENTS

Mouth Gags

DAVIS & MCIVOR RIGHT TONGUE BLADES



070332

6" (15 cm), for use with left bite Davis Mouth Gags.

CATALOG #	DESCRIPTION
070330	Blade Size 2, 2-7/16" x 15/16" (62 x 24 mm)
070332	Blade Size 3, 3" x 1-1/16" (76 x 27 mm)
070334	Blade Size 4, 3-9/16" x 1-5/16" (90 x 34 mm)

DAVIS MOUTH GAG BLADE, SIZE 2



070312

Without either tubes, fits Davis Mouth Gags only.

CATALOG #	DESCRIPTION
070312	Size 2, 70 x 24 mm blade

MOUTH AND THROAT INSTRUMENTS

Mouth Gags

DAVIS MOUTH GAGS



070300



070303

Double bite with silicone liner.

CATALOG #	DESCRIPTION
070300	Adult, right bite, 15 x 13 mm block, 80 mm spread, 6-1/8" (15.5 cm)
070301	Adult, left bite, 15 x 13 mm block, 80 mm spread, 6-1/8" (15.5 cm)
070302	Child, right bite, 15 x 9 mm block, 70 mm spread, 5-1/2" (14 cm)
070303	Child, left bite, 15 x 9 mm block, 70 mm spread, 5-1/2" (14 cm)
070305	One dozen replacement silicone liners for both Adult and Child



070305

DINGMAN MOUTH GAG



070450

CATALOG #	DESCRIPTION
070450	Set, frame with 3 blades (64 x 25 mm, 70 x 29 mm, 62 x 30 mm), 5-3/4" (14.5 cm)

MOUTH AND THROAT INSTRUMENTS

Mouth Gags

JENNINGS MOUTH GAG



070202

CATALOG #	DESCRIPTION
070202	Adult, working length 6" (15 cm), spread 66 mm, 7-3/4" (19.5 cm)

MCIVOR MOUTH GAG



461125

CATALOG #	DESCRIPTION
461125	Set, frame with 3 blades (# 2.5, # 3, # 4), each 5-3/8" (13.5 cm)
461126	Frame only
461128	Blade # 3, 5-3/8" (13.5 cm)



461126

MOUTH AND THROAT INSTRUMENTS

Mouth Gags

SLUDER-JANSEN MOUTH GAG



070232

CATALOG #	DESCRIPTION
070232	Curved, 28 x 13 mm blade, 5-1/8" (13 cm)

DENHARDT MOUTH GAG



070222

CATALOG #	DESCRIPTION
070222	Serrated, lead bit block 10 x 16 mm, 4-7/8" (12.5 cm)

Retractors

ANDREWS TONGUE DEPRESSOR



070107

CATALOG #	DESCRIPTION
070107	Deeply serrated, 21 x 48 mm blade, 30 degree angle, 4-1/2" (11.5 cm)

MOUTH AND THROAT INSTRUMENTS

Retractors

WIEDER TONGUE DEPRESSORS



070100

Fenestrated, serrated.

CATALOG #	DESCRIPTION
070100	Small blade, 41 x 36 mm, 5-9/16" (14 cm)
070101	Large blade, 43 x 43 mm, 6" (15 cm)

HURD DISSECTOR AND PILLAR RETRACTORS

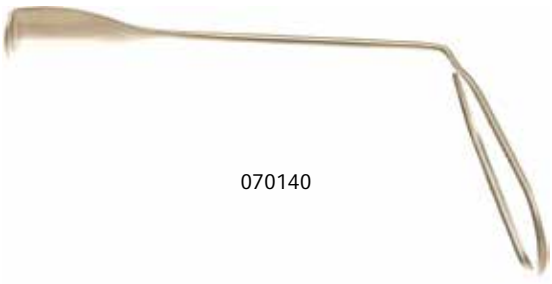


073502

9" (23 cm).

CATALOG #	DESCRIPTION
073500	Small dissector 27 x 7 mm, retractor 11 mm
073502	Large dissector 27 x 9 mm, retractor 13 mm

LOTHROP UVULA RETRACTOR



070140

CATALOG #	DESCRIPTION
070140	Grooved 36 x 19 mm blade with 5 mm deep lip, 5-3/8" (13.5 cm)

MOUTH AND THROAT INSTRUMENTS

Scissors

BOETTCHER TONSIL SCISSORS



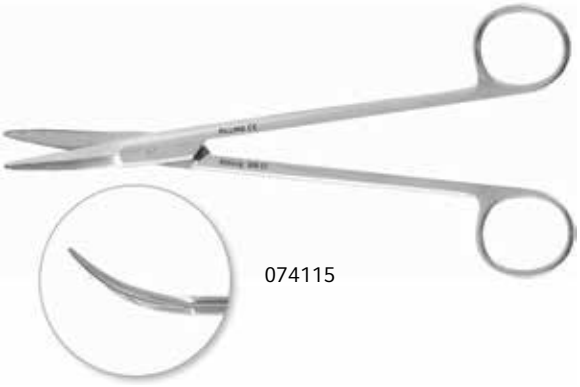
CATALOG #	DESCRIPTION
074120	Slightly curved, 42 mm blades, 7-1/4" (18.5 cm)

DEAN TONSIL SCISSORS



CATALOG #	DESCRIPTION
074140	32 mm serrated blades, angled on flat, curved shanks, 6-3/4" (17 cm)

YANKAUER TONSIL SCISSORS



CATALOG #	DESCRIPTION
074115	Slightly curved, serrated, 42 mm blades, 7-1/8" (18 cm)

MOUTH AND THROAT INSTRUMENTS

Snares

EVE TONSIL SNARES



070651



070652

CATALOG #	DESCRIPTION
070651	Standard, 11-1/4" (28.5 cm)
070652	Ratcheted, 11-3/8" (29 cm)

NEIVERT-EVE TONSIL SNARE



070660

CATALOG #	DESCRIPTION
070660	10-3/8" (26.5 cm)

LEWIS TONSIL SNARE



070665

CATALOG #	DESCRIPTION
070665	10-1/4" (26 cm)

MOUTH AND THROAT INSTRUMENTS

Snares

SAGE TONSIL SNARE



070635

CATALOG #	DESCRIPTION
070635	Ratcheted, working length 8-5/8" (22 cm)

TYDING TONSIL SNARE



070640

CATALOG #	DESCRIPTION
070640	Straight tip, 10" (25.5 cm)

THROAT SNARE WIRES



070704

4-3/8" (11 cm) precut. 144 per package.

CATALOG #	DESCRIPTION
070701	4 Ga., nose
070702	5 Ga., nose
070704	7 Ga., throat
070705	8 Ga., throat
070706	9 Ga., throat

MOUTH AND THROAT INSTRUMENTS

Miscellaneous

FISHER TONSIL KNIFE AND DISSECTOR



073370

CATALOG #	DESCRIPTION
073370	17 x 7 mm serrated outer blade, 8-5/8" (22 cm)

HOLINGER KNIFE HANDLE



506705

For use with surgical blades no. 10, 11, 12 and 15.

CATALOG #	DESCRIPTION
506705	11" (28 cm)

MELTZER ADENOID PUNCH



461661

With basket.

CATALOG #	DESCRIPTION
461660	# 1, 5 mm, working length 5-1/2" (14 cm)
461661	# 2, 7 mm, working length 5-1/2" (14 cm)

SCOPE AND LIGHT CARRIERS

Identification Index

SCOPES

SCOPE NUMBER	SCOPE DESCRIPTION	LIGHT CARRIER NUMBER*	LIGHT CARRIER DESCRIPTION	NEW LC MARK	LC STAMP	OLD BR SERIES
501500	Laryn Holinger Infant	526204 (R)	LC Fiber optic 8PH	8PH	8PH	BR 145
501550	Laryn CLJ Infant	526000	LC Fiber optic 9	9	8PH	BR 145
501552	Laryn CLJ Child	526006	LC Fiber optic 12	12	12	BR 105
501554	Laryn CLJ Adolescent	526018	LC Fiber optic 16	16	16	BR 110
501556	Laryn CLJ Adol-Adult	526018	LC Fiber optic 16	16	16	BR 115
501558	Laryn CLJ Adult	526018	LC Fiber optic 16	16	16	BR 120
501560	Laryn CLJ Adult XL	526018	LC Fiber optic 16	16	16	BR 125
501580	Andrews Otoscope	526004	LC Fiber optic 11		11	
501648	Laryn CLJ Newborn	526202	LC Fiber optic 8C		8C	BR 100A
501650	Laryn CLJ Infant	526002	LC Fiber optic 9C		9C	BR 101
501652	Laryn CLJ Child	526010	Custom		12C	BR 106
501654	Laryn CLJ Adolescent	526022	LC Fiber optic 16C	16C	16C	BR 111
501656	Laryn CLJ Adol-Adult	526022	LC Fiber optic 16C	16C	16C	BR 116
501658	Laryn CLJ Adult	526022	LC Fiber optic 16C	16C	16C	BR 121
501660	Laryn CLJ Adult XL	526022	LC Fiber optic 16C	16C	16C	BR 126
501810	Laryn CLJ AC Child	526012	Custom		12AC	BR 171
501814	Laryn CLJ AC Adult	526032	LC Fiber optic 17SC	17SC	17SC	BR 176
501820	Laryn CLJ AC Child	526008	LC Fiber optic 12A	12A	12A	BR 170
501824	Laryn CLJ AC Adult	526026	LC Fiber optic 17	17	17	BR 175
501830	Tracheascope CLJ	526044	LC Fiber optic 20C		20C	BR 240
502002	Laryn Holinger AC Infant	526206	LC Fiber optic 9PH	9PH	9PH	BR 205
502004	Laryn Holinger AC Child	526210	LC Fiber optic 12PH	12PH	12PH	BR 207
502010	Laryn Holinger AC Adult 17	526028	LC Fiber optic 17H	17H	17H	BR 200
502012	Laryn Holinger AC Adult 18 Twin	526038	LC Fiber optic 18H	18H	18H	BR 209
502020	Laryn Holinger AC Adult 17 Twin	526028 (2)	LC Fiber optic 17H	17H	17H	BR 208
502022	Laryn Holinger AC Adult 18 Twin	526038 (2)	LC Fiber optic 18H	18H	18H	BR 209
502030	Laryn Holinger HG Adult 17	526212	LC Fiber optic 17HG	17HG	17HG	BR 201
502031	Laryn Holinger HG Adult 17 Twin	526212 (2)	LC Fiber optic 17HG	17HG	17HG	
502032	Laryn Holinger XL HG Adult 18	526214	LC Fiber optic 18HG	18HG	18HG	
502033	Laryn Holinger XL HG Ad 18 Twin	526214 (2)	LC Fiber optic 18HG	18HG	18HG	
502040	Laryn Holinger Adult Slot	526028	LC Fiber optic 17H	17H	17H	BR 204
502045	Laryn Holinger HG Adult Slot	526212	LC Fiber optic 17HG	17HG	17HG	
502060	Laryn Broyles	526026 (2)	LC Fiber optic 17	17	17	BR 230
502080	Laryn Tucker Newborn	526200	LC Fiber optic 7GT	7GT	7GT	BR 210
502082	Laryn Tucker Child	526208	LC Fiber optic 12GT		12GT	BR 212
502084	Laryn Tucker Adolescent	526220	LC Fiber optic 21GT	21GT	21GT	BR 215
502086	Laryn Tucker Adult	526222	LC Fiber optic 20T		20T	BR 217
502090	Laryn Tucker Reverse Bevel	526220	LC Fiber optic 21GT	21GT	21GT	BR 217A
502100	Laryn Atkins-Tucker	526220	LC Fiber optic 21GT	21GT	21GT	BR 232
502108	Laryngostat CLJ Child	526007	LC Fiber optic 12B		12	BR 220
502109	Laryngostat CLJ Adult	526026	LC Fiber optic 17	17	17	BR 225
502110	Laryngostat Priest Adult	526030	LC Fiber optic 17P	17P	17P	BR 227
502200	Laryn Roberts Adult	526024 (2)	LC Fiber optic 16SR		16SR	BR 245
502203	Laryn Roberts Child	526014 (2)	Custom		12SR	BR 245A
502300	Mediast Scope Carlen Short	526350	LC FO Carlen Short	S	S	
502301	Mediast Scope Carlen Long	526351	LC FO Carlen Long	L	L	
502302	Mediast Scope Carlen Extra Long	526352	LC FO Carlen Extra Long	XL	XL	
502500	Bronch CLJ 3 x 20	526218	LC Fiber optic 20PH	20PH	20PH	
502502	Bronch CLJ 3.5 x 25	526226	LC Fiber optic 25PH	25	25PH	
502504	Bronch CLJ 3.5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	

* (L) INDICATES LEFT-SPECIFIC LIGHT CARRIER, (R) INDICATES RIGHT-SPECIFIC LIGHT CARRIER, (2) INDICATES LIGHT CARRIERS REQUIRED

SCOPE AND LIGHT CARRIERS

Identification Index

SCOPES

SCOPE NUMBER	SCOPE DESCRIPTION	LIGHT CARRIER NUMBER*	LIGHT CARRIER DESCRIPTION	NEW LC MARK	LC STAMP	OLD BR SERIES
502506	Bronch CLJ 4 x 30	526230	LC Fiber optic 30PH	30PH	30PH	
502508	Bronch CLJ 5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	
502510	Bronch CLJ 6 x 35	526054	LC Fiber optic 35	35	35	
502512	Bronch CLJ 7 x 40	526060	LC Fiber optic 40	40	40	
502514	Bronch CLJ 8 x 40	526060	LC Fiber optic 40	40	40	
502516	Bronch CLJ 9 x 40	526060	LC Fiber optic 40	40	40	
502525	Bronch CLJ Aspirating 7 x 40	526060	LC Fiber optic 40	40	40	
502527	Bronch CLJ Aspirating 9 x 40	526060	LC Fiber optic 40	40	40	
502532	Bronch CLJ Full Lumen 5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	
502534	Bronch CLJ Full Lumen 6 x 35	526054	LC Fiber optic 35	35	35	BR 1021
502536	Bronch CLJ Full Lumen 7 x 40	526060	LC Fiber optic 40	40	40	BR 1036
502538	Bronch CLJ Full Lumen 8 x 40	526060	LC Fiber optic 40	40	40	BR 1041
502550	Bronch Overholt 7 x 30	526048	LC Fiber optic 30	30	Regular 30	
502600	Bronch Old Holinger 3 x 20	526218	LC Fiber optic 20PH	20PH	20PH	BR 900
502602	Bronch Old Holinger 3.5 x 25	526226	LC Fiber optic 25PH	25	25PH	BR 905
502604	Bronch Old Holinger 3.5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	BR 910
502606	Bronch Old Holinger 4 x 30	526230	LC Fiber optic 30PH	30PH	30PH	BR 915
502608	Bronch Old Holinger 5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	BR 920
502620	Bronch Jesberg 3 x 25	526159	LC Fiber optic 25SJ		30PH	BR1170A
502622	Bronch Jesberg 3.5 x 30	526166	LC Fiber optic 30SJ		30SJ	BR1175A
502624	Bronch Jesberg 4 x 30	526166	LC Fiber optic 30SJ		30SJ	BR1185A
502626	Bronch Jesberg 5 x 30	526166	LC Fiber optic 30SJ		30SJ	BR1190A
502630	Bronch Jesberg 3 x 20	526150	LC Fiber optic 16SJ		16SJ	BR 1170
502632	Bronch Jesberg 3.5 x 26	526160	Custom		16SJ	BR 1175
502634	Bronch Jesberg 4 x 26	526160	Custom		26SJ	BR 1180
502636	Bronch Jesberg 5 x 30	526166	LC Fiber optic 30SJ		30SJ	BR 1190
502640	Bronch Rieker 3 x 20	526152	Custom		20RI	BR 1330
502641	Bronch Rieker 3.5 x 25	526158	LC Fiber optic 25RI		25RI	BR 1331
502642	Bronch Rieker 4 x 30	526164	LC Fiber optic 30RI		30RI	BR 1332
502643	Bronch Rieker 5 x 30	526164	LC Fiber optic 30RI		30RI	BR 1333
502644	Bronch Rieker 6 x 35	526054	LC Fiber optic 35	35	Regular 35	BR 1334
502645	Bronch Rieker 7 x 40	526060	LC Fiber optic 40	40	Regular 40	BR 1335
502646	Bronch Rieker 8 x 40	526060	LC Fiber optic 40	40	Regular 40	BR 1336
502647	Bronch Rieker 9 x 40	526060	LC Fiber optic 40	40	Regular 40	BR 1337
502650	Bronch Negus Suckling SM		Custom			
502651	Bronch Negus Suckling		Custom			
502652	Bronch Negus Infant		Custom			
502653	Bronch Negus Child Aspirating	526292	LC Fiber optic 30N		30N	
502654	Bronch Negus Child	526292	LC Fiber optic 30N		30N	
502655	Bronch Negus Adult Aspirating	526294	LC Fiber optic 40N		40N	
502656	Bronch Negus Adol SM	526294	LC Fiber optic 40N		40N	
502657	Bronch Negus Adol	526294	LC Fiber optic 40N		40N	
502658	Bronch Negus Adult SM	526294	LC Fiber optic 40N		40N	
502659	Bronch Negus Adult	526294	LC Fiber optic 40N		40N	
502750	Bronch Albert Slotted 4 x 35	526054	LC Fiber optic 35	35	35	BR 990
502752	Bronch Albert Slotted 5 x 40	526060	LC Fiber optic 40	40	40	BR 992
502754	Bronch Albert Slotted 6 x 40	526060	LC Fiber optic 40	40	40	BR 994
502756	Bronch Albert Slotted 7 x 40	526060	LC Fiber optic 40	40	40	BR 996
502758	Bronch Albert Slotted 8 x 45	526068	LC Fiber optic 45	45	45	BR 998
502765	Bronch Kernan Coagulating 7 x 40	526060	LC Fiber optic 40	40	40	BR 1300

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SCOPE AND LIGHT CARRIERS

Identification Index

SCOPES

SCOPE NUMBER	SCOPE DESCRIPTION	LIGHT CARRIER NUMBER*	LIGHT CARRIER DESCRIPTION	NEW LC MARK	LC STAMP	OLD BR SERIES
502767	Bronch Kernan Coagulating 8 x 40	526060	LC Fiber optic 40	40	40	BR 1310
502800	Bronch CLJ Staple 4 x 6 x 35	526054	LC Fiber optic 35	35	35	BR 1275
502802	Bronch CLJ Staple 4 x 8 x 40	526060	LC Fiber optic 40	40	40	BR 1285
502804	Bronch CLJ Staple 4 x 12 x 40	526060	LC Fiber optic 40	40	40	BR 1290
502808	Bronch CLJ Expanding Staple	526060	LC Fiber optic 40	40	40	BR 1295
502815	Bronch CLJ Costophrenic 2 x 35		Custom			BR 1215
502817	Bronch CLJ Costophrenic 3 x 45	526068	LC Fiber optic 45	45	45	BR 1235
502819	Bronch CLJ Costophrenic 4 x 45	526068	LC Fiber optic 45	45	45	BR 1240
503500	Esoph Holinger 5 x 35	526226	LC Fiber optic 25PH	25	25PH	BR 394
503502	Esoph Holinger 3.5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	BR 395
503505	Esoph Holinger 6 x 20	526218	LC Fiber optic 20PH	20PH	20PH	BR 397
503525	Esoph CLJ Standard 5 x 35	526238	LC Fiber optic 35PH	35PH	35PH	BR 456
503527	Esoph CLJ Standard 6 x 35	526054	LC Fiber optic 35	35	35	BR 466
503533	Esoph CLJ Standard 8 x 45	526068	LC Fiber optic 45	45	45	BR 496
503539	Esoph CLJ Standard 9 x 45	526068	LC Fiber optic 45	45	45	BR 511
503541	Esoph CLJ Standard 9 x 50	526070	LC Fiber optic 50	50	50	BR 516
503550	Esoph CLJ Full Lumen 4 x 35	526238	LC Fiber optic 35PH	35PH	35PH	BR 551
503552	Esoph CLJ Full Lumen 5 x 35	526238	LC Fiber optic 35PH	35PH	35PH	BR 556
503554	Esoph CLJ Full Lumen 6 x 35	526054	LC Fiber optic 35	35	35	BR 566
503556	Esoph CLJ Full Lumen 7 x 45	526068	LC Fiber optic 45	45	45	BR 576
503558	Esoph CLJ Full Lumen 8 x 45	526068	LC Fiber optic 45	45	45	BR 591
503560	Esoph CLJ Full Lumen 9 x 30	526048	LC Fiber optic Reg. 30	30	30	BR 596
503562	Esoph CLJ Full Lumen 9 x 45	526068	LC Fiber optic Reg. 45	45	Reg 45	BR 601
503564	Esoph CLJ Full Lumen 9 x 50	526070	LC Fiber optic 50	50	50	BR 604
503600P	Esoph CLJ 7 x 10 x 25	526262	LC Fiber optic 25R	25R	25R	BR 530
503602	Esoph CLJ 8 x 12 x 50	526284	LC Fiber optic 50R	50R	50R	BR 540
503604	Esoph CLJ 9 x 13 x 25	526262	LC Fiber optic 25R	25R	25R	BR 532
503606	Esoph CLJ 10 x 14 x 30	526266	LC Fiber optic 30R	30R	30R	BR 534
503608	Esoph CLJ 10 x 14 x 40	526274	LC Fiber optic 40R	40R	40R	BR 538
503610P	Esoph CLJ 10 x 14 x 50	526284	LC Fiber optic 50R	50R	50R	BR 542
503612	Esoph CLJ 12 x 16 x 50	526284	LC Fiber optic 50R	50R	50R	BR 544
503614	Esoph CLJ 12 x 18 x 35	526272	LC Fiber optic 35R	35R	35R	BR 536
503625	Esoph J Roberts 7 x 10 x 22	526260	LC Fiber optic 22R	22R	22R	BR 324
503627	Esoph J Roberts 9 x 13 x 22	526260	LC Fiber optic 22R	22R	22R	BR 325
503629	Esoph J Roberts 10 x 14 x 30	526266	LC Fiber optic 30R	30R	30R	BR 335
503631	Esoph J Roberts 10 x 14 x 40	526274	LC Fiber optic 40R	40R	40R	BR 340
503633	Esoph J Roberts 12 x 16 x 45	526280	LC Fiber optic 45R	45R	45R	BR 347
503635	Esoph J Roberts 12 x 16 x 50	526284	LC Fiber optic 50R	50R	50R	BR 350
503650	Esoph S Jesberg 6 x 8 x 32	526268	LC Fiber optic 32J	32J	32J	BR 375
503652	Esoph S Jesberg 6.5 x 10 x 35	526270	LC Fiber optic 35J	35J	35J	BR 377
503654	Esoph S Jesberg 7 x 10 x 42	526276	LC Fiber optic 42J	42J	42J	BR 379
503656	Esoph S Jesberg 8 x 12 x 45	526278	LC Fiber optic 45J	45J	45J	BR 381
503658	Esoph S Jesberg 10 x 14 x 29	526264	LC Fiber optic 29J	29J	29J	BR 383
503660P	Esoph S Jesberg 10 x 14 x 50	526282	LC Fiber optic 50J	50J	50J	BR 385
503675	Esoph Forbes Child	526020	LC Fiber optic 16A	16A	16A	BR 360
503676	Esoph Forbes Adolescent	526042	LC Fiber optic 19	19	19	BR 365
503677	Esoph Forbes Adult	526046	LC Fiber optic 22	22	22	BR 370
521450	Laryn Tucker Side Slide Child	526510	LC FO for 521450	7S		
521455	Laryn Tucker Side Slide Adol	526512	LC for Tucker Adol 521455	8S		

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SCOPE AND LIGHT CARRIERS

Identification Index

SCOPES

SCOPE NUMBER	SCOPE DESCRIPTION	LIGHT CARRIER NUMBER*	LIGHT CARRIER DESCRIPTION	NEW LC MARK	LC STAMP	OLD BR SERIES
521460	Laryn Tucker Side Slide Adult	526515	LC FO for Tuck Adult 521460	9S		
521465	Laryn Tuck Side Slide Long Adult	526516	LC FO for Tuck Adult 521465	13S		
521500	Laryn Holinger Infant	526204	LC Fiber optic 8PH	8PH	8PH	BR 145
521550	FO Laryn CLJ Infant	526000	LC Fiber optic 9	9	9	BR 100
521552	FO Laryn CLJ Child	526006	LC Fiber optic 12	12	12	BR 105
521554	FO Laryn CLJ Adolescent	526018	LC Fiber optic 16	16	16	BR 110
521556	FO Laryn CLJ Adol-Adult	526018	LC Fiber optic 16	16	16	BR 115
521558	FO Laryn CLJ Adult	526018	LC Fiber optic 16	16	16	BR 120
521820	FO Laryn CLJ AC Child	526008	LC Fiber optic 12A	12A	12A	BR 170
521824	FO Laryn CLJ AC Adult	526026	LC Fiber optic 17	17	17	BR 175
522000	Tuck-Holin AC Laryn Infant Slotted	526203	LC for 522000	6S		
522001	Tuck-Holin AC Laryn Child Slotted	526201	LC Fiber optic for 522001	9S2		
522002	Laryn Holinger AC Infant	526206	LC Fiber optic 9PH	9PH		
522004	Laryn Holinger AC Child	526210	LC Fiber optic 12PH	12PH		
522010	Laryn Holinger AC Adult 17	526028	LC Fiber optic 17H	17H		
522012	Laryn Holinger AC Adult 18	526038	LC Fiber optic 18H	18H	18H	BR 203
522020	Laryn Holinger AC Adult 17 Twin	526028 (2)	LC Fiber optic 17H	17H	17H	BR 208
522022	Laryn Holinger AC Adult 18 Twin	526038	LC Fiber optic 18H	18H	18H	BR 209
522030	Laryn Holinger HG Adult 17	526212	LC Fiber optic 17HG	17HG	17HG	BR 201
522032	Laryn Holinger XL HG Adult 18	526214	LC Fiber optic 18HG	18HG	18HG	
522034	Laryn Holinger HG Adult 17	526500	LC FO Oval 17HG	17	17OV	
522035	Laryn Holinger XL HG Adult 18	526505	LC FO Oval 18HG	18	18OV	
522040	Laryn Holinger AC Adult Slotted 17 HG Oval	526028	LC Fiber optic 17H	17H	17H	BR 204
522045	Laryn Holinger HG Adult Slotted 17 HG Oval	526212	LC Fiber optic 17HG	17HG	17HG	
522190	Laryn Ossoff-Pilling®	527864	LC Fiber optic 522190	19		
522191	Laryn Ossoff-Pilling®	527865	LC Fiber optic 522191	25L		
522193	Laryn Ossoff-Pilling®	527866	LC Fiber optic 522193	25R2		
522194	Dual channel Video Laryn Ossoff-Pilling® Adult	527867	LC FO for Ossoff-Pilling® Adult	N/A		
522200P	Laryn Jako Type 1 FO Adult	526365	LC Jako I Right	JR	J	
522200P	Laryn Jako Type 1 FO Adult	526366	LC FO Jako I Left	JL	J	
522202	Laryn Holinger AC Infant	526206	LC Fiber optic 9PH	9PH	9PH	BR 205
522204	Laryn Holinger AC Child	526210	LC Fiber optic 12PH	12PH	12PH	BR 207
522205	Laryn Jako Type 2 FO Adult	527805	LCC Jako Adult II Right	(no mark)		
522205	Laryn Jako Type 2 FO Adult	527800	LCC Jako Adult II Left	(no mark)		
522206	Laryn Jako Type 3 FO Adult	526526	LC FO for Jako Adult III 522206	14Y		
522207	Laryn Jako-Cherry 1 FO Adol	526375	LC Jako Cherry I Adol Right	12JR	12J	
522207	Laryn Jako-Cherry 1 FO Adol	526376	LC Jako Cherry I Adol Left	12JL	12J	
522208	Laryn Jako-Cherry 2 FO Adol	527815	LCC Jako Cherry Adol II Right	(no mark)		
522208	Laryn Jako-Cherry 2 FO Adol	527810	LCC Jako Cherry Adol II Left	(no mark)		
522209	Laryn Jako-Cherry 3 FO Adol	526527	LC FO for Jako Adol III 522209	9Y2		
522210	Laryn Jako-Cherry 1 FO Child	526370	LC Jako Cherry I Child Right	9JR	9J	
522210	Laryn Jako-Cherry 1 FO Child	526371	LC Jako Cherry I Child Left	9JL	9J	
522215	Laryn Jako-Cherry 2 FO Child	527825	LCC Jako Cherry Child II Right	(no mark)		
522215	Laryn Jako-Cherry 2 FO Child	527820	LCC Jako Cherry Child II Left	(no mark)		
522216	Laryn Jako-Cherry 3 FO Child	526528	LC FO for Jako Child III 522216	8Y		
522220	Laryn Jako-Cherry 2 FO Newborn	527825	LCC Jako Cherry Child II Right	(no mark)		
522220	Laryn Jako-Cherry 2 FO Newborn	527820	LCC Jako Cherry Child II Left	(no mark)		

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522222	Microlaryn Dedo Child	526524	LC FO for Child Dedo 522222	9Y		
522224	Microlaryn Dedo Adolescent	526529	LC FO for Dedo Adol 522224	11Y		
522225P	Microlaryn Dedo Adult	526525	LC FO for Adult Dedo 522225	15Y		
522226	Dual channel Video Laryn Dedo-Pilling® Adult	527867	LC FO for Dedo-Pilling® Adult	N/A		
522227	Microlaryn Dedo Type 2 Photo	527860	LCC for Ossoff Adult	(no mark)		
522228	Dedo Laser Microlaryngoscope	527860	LCC for Ossoff Dedo Adult	(no mark)		
522229	Abramson-Dedo Microlaryngoscope	527586	LC for Abramson Dedo Right	14R		
522229	Abramson-Dedo Microlaryngoscope	527587	LC for Abramson Dedo Left	14L		
522230	Laryn Tucker AC Side Slotted	526520	LC Tucker Scope 522230	8S2		
522231	Laryn Ossoff-Karlan Dedo Laser	527860	LCC Ossoff Dedo Adult	(no mark)		
522232	Laryn Ossoff-Karlan Jako Laser	527805	LCC Jako Adult II Right	(no mark)		
522232	Laryn Ossoff-Karlan Jako Laser	527800	LCC Jako Adult II Left	(no mark)		
522233	Ossoff Commissure Laryngoscope	527860	LCC Ossoff Dedo Adult	(no mark)		
522234	522231 With Strong Extension	527860	LCC Ossoff Dedo Adult	(no mark)		
522235	522232 With Strong Extension	527860	LCC Ossoff Dedo Adult	(no mark)		
522236	522233 With Strong Extension	527860	LCC Ossoff Dedo Adult	(no mark)		
522237	Ossoff-Karlan Child Laser Laryn	527863	LCC for Ossoff Child	(no mark)		
522238	Ossoff-Karlan Adol Laser Laryn	527862 (2)	LCC for Ossoff Adolescent	(no mark)		
522242	Healy-Jako Subglottiscope	527830 (R)	LCC Healy-Jako Subglot Right	(no mark)		
522242	Healy-Jako Subglottiscope	527835 (L)	LCC Healy-Jako Subglot Left	(no mark)		
522243	Dedo Laser Laryng Extra Long	527860 (2)	LCC FO Ossoff Dedo Adult	(no mark)		
522244	Ossoff Adult Subglottiscope Female	527860	LCC FO Ossoff Dedo Adult	(no mark)		
522245	Ossoff Adult Subglottiscope Male	527860	LCC FO Ossoff Dedo Adult	(no mark)		
522250	Microlaryn Tucker-Jako Adult	527850	LCC Tucker Jako	(no mark)		
522255	Microlaryn Tucker-Jako Adol	527853	LCC Tucker Jako Med	(no mark)		
522260	Microlaryn Tucker-Jako Child	527855	LCC Tucker Jako Short			
522261	522200 With Strong Extension	526365 (R)	LC FO Jako I Reg Right	JR	J	
522261	522200 With Strong Extension	526366 (L)	LC FO Jako I Reg Left	JL	J	
522262	522205 With Strong Extension	527800 (L)	LCC Jako Adult II Left	(no mark)		
522262	522205 With Strong Extension	527805 (R)	LCC Jako Adult II Right	(no mark)		
522263	522206 With Strong Extension	526526	LC FO for Jako Adult III 522206	14Y		
522264	522207 With Strong Extension	526375 (R)	LC FO Jako Cherry I Adol Right	12JR	12J	
522264	522207 With Strong Extension	526376 (L)	LC FO Jako Cherry I Adol Left	12JL	12J	
522265	522208 With Strong Extension	527810 (L)	LCC Jako Cherry Adol II Left	(no mark)		
522265	522208 With Strong Extension	527815 (R)	LCC Jako Cherry Adol II Right	(no mark)		
522266	522209 With Strong Extension	526527	LC FO for Jako Adol III 522209	9Y2		
522267	522210 With Strong Extension	526370 (R)	LC FO Jako Cherry I Child Right	9JR	9J	
522267	522210 With Strong Extension	526371 (L)	LC FO Jako Cherry I Child Left	9JL	9J	
522268	522215 With Strong Extension	527820 (L)	LCC Jako Cherry Child II Left	(no mark)		
522268	522215 With Strong Extension	527825 (R)	LCC Jako Cherry Child II Right	(no mark)		

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522269	522216 With Strong Extension	526528	LC FO for Jako Child III 522216	8Y		
522270	522220 With Strong Extension	527820 (L)	LCC Jako Cherry Child II Left	(no mark)		
522270	522220 With Strong Extension	527825 (R)	LCC Jako Cherry Child II Right	(no mark)		
522271	522222 With Strong Extension	526524	LC FO for Child Dedo 522222	9Y		
522272	522225 With Strong Extension	526525	LC FO for Adult Dedo 522225	15Y		
522273	522227 With Strong Extension	527860 (2)	LCC Ossoff Dedo Adult	(no mark)		
522274	522230 With Strong Extension	526520	LC FO for Tucker 522230	8S2		
522275	522250 With Strong Extension	527850	L Cabl-Car Tucker Jako	(no mark)		
522276	522255 With Strong Extension	527853	L Cabl-Car TUC Jako Med	(no mark)		
522280	Ossoff Neonatal Subglottiscope	526210	LC Fiberoptic 12PH	12PH	12PH	
522290	Pilling® Dedo Dbl Action AC Adult	527860	LCC Ossoff Dedo Adult	(no mark)		
522291	Pilling® Ossoff Dbl Act Post Com	527860	LCC Ossoff Dedo Adult	(no mark)		
522292	Pilling® Dedo Dbl Action AC Adol	527863	LCC for Ossoff Child	(no mark)		
522293	Pilling® Dedo Dbl Action AC Child	527863	LCC Ossoff, PIL Dedo Child	(no mark)		
522294	Pilling® Feder Sgl Act Ant Com Adult	527860	LCC Ossoff, Dedo, Feder Adult	(no mark)		
522295	Pilling® Feder Single Act Post Adult	527860	LCC Ossoff, Dedo Adult	(no mark)		
522296	Pilling® Feder Single Act AC Adol	527863	LCC for Ossoff Child	(no mark)		
522297	Pilling® Feder Single Act AC Child	527863	LCC Ossoff, Pilling® Dedo, Feder Child	(no mark)		
522300P	Mediast Scope Carlen Short	526350	LC FO Carlen Short	S	S	
522301	Mediast Scope Carlen Long	526351	LC FO Carlen Long	L	L	
522302	Mediast Scope Carlen Extra Long	526352	LC FO Carlen Extra Long	XL	XL	
522305P	Mediast Scope Tucker Short	526361 (R)	LC FO Tucker Short Right	12BR	12B	
522305P	Mediast Scope Tucker Short	526360 (L)	LC FO Tucker Short Left	12BL	12B	
522306	Mediast Scope Tucker Imp Short	527853	LCC FO Tucker Jako Med	(no mark)		
522310P	Mediast Scope Tucker Long	526363 (R)	LC FO Tucker Long Right	16R	16	
522310P	Mediast Scope Tucker Long	526362 (L)	LC FO Tucker Long Left	16L	16	
522311	Mediast Scope Tucker Imp Long	527850	LCC FO Tucker Jako	(no mark)		
522401	Tucker Tracheascope 3 x 18	527521	LC FO 18CM Small Oval		18	
522402	Tucker Tracheascope 4 x 18	527521	LC FO 18CM Small Oval		18	
522403	Tucker Tracheascope 5 x 18	527521	LC FO 18CM Small Oval		18	
522404	Fearon Tracheascope 3 x 20	527500	LC Hol Oval 20 SM	20	20	
522408	Fearon Tracheascope 3 x 20	527500	LC Hol Oval 20 SM	20	20	
522412	Fearon Tracheascope 5 x 20	527500	LC Hol Oval 20 SM	20	20	
522500	Bronch CLJ FO 3 x 20	526218	LC Fiber optic 20PH	20PH	20PH	
522502	Bronch CLJ FO 3.5 x 25	526226	LC Fiber optic 25PH	25	25PH	
522504	Bronch CLJ FO 3.5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	
522506	Bronch CLJ FO 4 x 30	526230	LC Fiber optic 30PH	30PH	30PH	
522508	Bronch CLJ FO 5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	
522510	Bronch CLJ FO 6 x 35	526054	LC Fiber optic 35	35	35	
522512	Bronch CLJ FO 7 x 40	526060	LC Fiber optic 40	40	40	
522514	Bronch CLJ FO 8 x 40	526060	LC Fiber optic 40	40	40	
522516	Bronch CLJ FO 9 x 40	526060	LC Fiber optic 40	40	40	
522525	Bronch CLJ Aspirating 7 x 40	526060	LC Fiber optic 40	40	40	BR 1076
522527	Bronch CLJ Aspirating 8 x 40	526060	LC Fiber optic 40	40	40	BR 1081
522550	Pilling® Imp Holing Bronch 3 x 20	527500	LC FO for Hol Oval 20 SM	20	20	

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SCOPE AND LIGHT CARRIERS

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522552	Pilling® Imp Holing Bronch 3.5 x 20	527500	LC FO for Hol Oval 20 SM	20	20	
522554	Pilling® Imp Holing Bronch 4 x 20	527500	LC FO for Hol Oval 20 SM	20	20	
522556	Pilling® Imp Holing Bronch 4 x 25	527505	LC FO for Hol Oval 25 SM	25HB	25	
522558	Pilling® Imp Holing Bronch 5 x 30	527510	LC FO for Hol Oval 30 SM	30HB	30	
522575	Bronch Holinger FO 3 x 20	527500	LC FO for Hol Oval 20 SM	20	20	
522576	Bronch Holinger FO 3.5 x 25	527505	LC FO for Hol Oval 25 SM	25HB	25	
522577	Bronch Holinger FO 3.5 x 30	527510	LC FO for Hol Oval 30 SM	30HB	30	
522578	Bronch Holinger FO 4 x 30	527510	LC FO for Hol Oval 30 SM	30HB	30	
522579	Bronch Holinger FO 5 x 30	527510	LC FO for Hol Oval 30 SM	30HB	30	
522580	Bronch Holinger FO 5 x 35	527515	LC FO for Hol Oval 35 SM	35H	35	
522581	Bronch Holinger FO 5 x 40	527520	LC FO for Hol Oval 40 SM	40H	40	
522582	Bronch Holinger FO 5 x 45	527525	LC FO for Hol Oval 45 SM	45HB	45	
522583	Bronch Holinger FO 6 x 35	527555	LC FO for Hol Oval 35 Med	35H2	35	
522584	Bronch Holinger FO 6 x 40	527560	LC FO for Hol Oval 40 Med	40H2	40	
522585	Bronch Holinger FO 7 x 40	527560	LC FO for Hol Oval 40 Med	40H2	40	
522586	Bronch Holinger FO 8 x 40	527580	LC FO for Hol Oval 40 LG	40H3	40	
522587	Bronch Holinger FO 9 x 40	527580	LC FO for Hol Oval 40 LG	40H3	40	
522600	Bronch Old Holinger 3 x 20	526218	LC Fiber optic 20PH	20PH	20PH	BR 900
522602	Bronch Old Holinger 3.5 x 20	526226	LC Fiber optic 25PH	25	25PH	BR 905
522604	Bronch Old Holinger 3.5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	BR 910
522606	Bronch Old Holinger 4 x 30	526230	LC Fiber optic 30PH	30PH	30PH	BR 915
522608	Bronch Old Holinger 5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	BR 920
523100P	Laser Bronchoscope 3.5 x 20	523101P	LC FO Oval Med 20		20	
523110P	Laser Bronchoscope 4 x 25	523111P	LC FO Oval Med 25	25	25	
523120P	Laser Bronchoscope 5 x 30	527575	LC FO for Hol Oval 30 Med	30LB	30	
523130P	Laser Bronchoscope 6 x 35	523131	LC FO for Hol Oval 35 LG	35LB	35	
523140P	Laser Bronchoscope 7 x 40	527580	LC FO for Hol Oval 40 LG	40H3	40	
523150P	Laser Bronchoscope 8 x 40	527580	LC FO for Hol Oval 40 LG	40H3	40	
523160P	Laser Bronchoscope 9 x 40	527580	LC FO for Hol Oval 40 LG	40H3	40	
523170	YAG Laser Bronch 3.5 x 20	523101P	LC FO Oval Medium 20		20	
523172	YAG Laser Bronch 4 x 25	523111P	LC FO Oval Medium 25	25	25	
523174	YAG Laser Bronch 5 x 30	527575	LC FO for Hol Oval 30 LG	30LB	30	
523176	YAG Laser Bronch 6 x 35	523131	LC FO for Hol Oval 35 LG	35LB	35	
523178P	YAG Laser Bronch 7 x 40	527580	LC FO for Hol Oval 40 LG	40H3	40	
523180P	YAG Laser Bronch 8 x 40	527580	LC FO for Hol Oval 40 LG	40H3	40	
523182	YAG Laser Bronch 9 x 40	527580	LC FO for Hol Oval 40 LG	40H3	40	
523500P	Esoph Holinger FO 5 x 35	526226	LC Fiber optic 25PH	25	25PH	BR 394
523502	Esoph Holinger FO 3.5 x 30	526230	LC Fiber optic 30PH	30PH	30PH	BR 395
523505	Esoph Holinger FO 6 x 20	526218	LC Fiber optic 20PH	20PH	20PH	BR 397
523525	Esoph CLJ Standard FO 5 x 35	526238	LC Fiber optic 35PH	35PH	35PH	BR 456
523527	Esoph CLJ Standard FO 6 x 35	526054	LC Fiber optic 35	35	35	BR 466
523529	Esoph CLJ Standard FO 7 x 45	526068	LC Fiber optic 45	45	45	BR 481
523533	Esoph CLJ Standard FO 8 x 45	526068	LC Fiber optic 45	45	45	BR 496
523535	Esoph CLJ Standard FO 8 x 50	526070	LC Fiber optic 50	50	50	BR 501
523537	Esoph CLJ Standard FO 9 x 30	526048	LC Fiber optic 30	30	30	BR 506
523539	Esoph CLJ Standard FO 9 x 45	526068	LC Fiber optic 45	45	45	BR 511
523541	Esoph CLJ Standard FO 9 x 50	526070	LC Fiber optic 50	50	50	BR 516
523550	Esoph CLJ Full Lumen FO 4 x 35	526238	LC Fiber optic 35PH	35PH	35PH	BR 551
523552	Esoph CLJ Full Lumen FO 5 x 35	526238	LC Fiber optic 35PH	35PH	35PH	BR 556
523554	Esoph CLJ Full Lumen FO 6 x 35	526054	LC Fiber optic 35	35	35	BR 566
523556	Esoph CLJ Full Lumen FO 7 x 45	526068	LC Fiber optic 45	45	45	BR 576

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SCOPE AND LIGHT CARRIERS

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SCOPE NUMBER	SCOPE DESCRIPTION	LIGHT CARRIER NUMBER*	LIGHT CARRIER DESCRIPTION	NEW LC MARK	LC STAMP	OLD BR SERIES
523558	Esoph CLJ Full Lumen FO 8 x 45	526068	LC Fiber optic 45	45	45	BR 591
523560	Esoph CLJ Full Lumen FO 9 x 30	526048	LC Fiber optic 30	30	30	BR 596
523562	Esoph CLJ Full Lumen FO 9 x 45	526068	LC Fiber optic 45	45	45	BR 601
523564	Esoph CLJ Full Lumen FO 9 x 50	526070	LC Fiber optic 50	50	50	BR 604
523570	Esoph Holinger FO 3.5 x 30	527510	LC FO for Hol Oval 30 SM	30HB	30	
523571	Esoph Holinger FO 4 x 30	527510	LC FO for Hol Oval 30 SM	30HB	30	
523572	Esoph Holinger FO 6 x 30	527550	LC FO for Hol Oval 30 Med	30EH	30	
523573	Esoph Holinger FO 7 x 30	527550	LC FO for Hol Oval 30 Med	30EH	30	
523574	Esoph Holinger FO 9 x 30	527575	LC FO for Hol Oval 30 LG	30LB	30	
523575	Esoph Holinger FO 5 x 35	527515	LC FO for Hol Oval 35 SM	35H	35	
523576	Esoph Holinger FO 6 x 45	527565	LC FO for Hol Oval 45 Med	45H2	45	
523577	Esoph Holinger FO 7 x 45	527565	LC FO for Hol Oval 45 Med	45H2	45	
523578	Esoph Holinger FO 8 x 53	527585	LC FO for Hol Oval 53 LG	53	53	
523579	Esoph Holinger FO 9 x 53	527585	LC FO for Hol Oval 53 LG	53	53	
523580	Esoph Holinger FO 10 x 53	527585	LC FO for Hol Oval 53 LG	53	53	
523581	Esoph Holinger FO 8 x 45	527583	LC FO for Hol Oval 45 LG	45H3	45	
523582	Esoph Holinger FO 9 x 45	527583	LC FO for Hol Oval 45 LG	45H3	45	
523600P	Esoph CLJ 7 x 10 x 25	526262	LC Fiber optic 25R	25R	25R	BR 530
523602	Esoph CLJ 8 x 12 x 50	526284	LC Fiber optic 50R	50R	50R	BR 540
523604	Esoph CLJ 9 x 3 x 25	526262	LC Fiber optic 25R	25R	25R	BR 532
523606	Esoph CLJ 10 x 14 x 30	526266	LC Fiber optic 30R	30R	30R	BR 534
523608	Esoph CLJ 10 x 14 x 40	526274	LC Fiber optic 40R	40R	40R	BR 538
523610P	Esoph CLJ 10 x 14 x 50	526284	LC Fiber optic 50R	50R	50R	BR 542
523612	Esoph CLJ 12 x 16 x 50	526284	LC Fiber optic 50R	50R	50R	BR 544
523614	Esoph CLJ 12 x 18 x 35	526272	LC Fiber optic 35R	35R	35R	BR 536
523625	Esoph J Roberts 7 x 10 x 22	526260	LC Fiber optic 22R	22R	22R	BR 324
523627	Esoph J Roberts 9 x 13 x 22	526260	LC Fiber optic 22R	22R	22R	BR 325
523629	Esoph J Roberts 10 x 14 x 30	526266	LC Fiber optic 30R	30R	30R	BR 335
523631	Esoph J Roberts 10 x 14 x 40	526274	LC Fiber optic 40R	40R	40R	BR 340
523633	Esoph J Roberts 12 x 16 x 45	526280	LC Fiber optic 45R	45R	45R	BR 347
523635	Esoph J Roberts 12 x 16 x 50	526284	LC Fiber optic 50R	50R	50R	BR 350
523640	Pillsbury-Jesberg Esoph 6 x 8 x 32	526640	LC Pills-Jesberg 523640	32	32	
523642	Pillsbury-Jesberg Esoph 6.5 x 10 x 35	526642	LC Pills-Jesberg 523642	35PJ	35	
523644	Pillsbury-Jesberg Esoph 7 x 10 x 42	526644	LC Pills-Jesberg 523644	42	42	
523646	Pillsbury-Jesberg Esoph 8 x 2 x 45	526646	LC Pills-Jesberg 523646	45PJ	45	
523648	Pillsbury-Jesberg Esoph 10 x 14 x 29	526648	LC Pills-Jesberg 523648	29	29	
523649	Pillsbury-Jesberg Esoph 10 x 14 x 50	526649	LC Pills-Jesberg 523649	50PJ	50	
523650P	Esoph S Jesberg FO 6 x 8 x 32	526268	LC Fiber optic 32J	32J	32J	BR 375
523652	Esoph S Jesberg FO 6.5 x 10 x 35	526270	LC Fiber optic 35J	35J	35J	BR 377
523654	Esoph S Jesberg FO 7 x 10 x 42	526276	LC Fiber optic 42J	42J	42J	BR 379
523656	Esoph S Jesberg FO 8 x 12 x 45	526278	LC Fiber optic 45J	45J	45J	BR 381
523658	Esoph S Jesberg FO 10 x 14 x 29	526264	LC Fiber optic 29J	29J	29J	BR 383
523660P	Esoph S Jesberg FO 10 x 14 x 50	526282	LC Fiber optic 50J	50J	50J	BR 385
523675	Esoph Forbes Child	526020	LC Fiber optic 16A	16A	16A	BR 360
523676	Esoph Forbes Adolescent	526042	LC Fiber optic 19	19	19	BR 365
523677	Esoph Forbes Adult	526046	LC Fiber optic 22	22	22	BR 370
527664	Henderson Mitchell Dilating Esoph	526068	LC Fiber optic 45	45	45	
528700	Bellina Specula Small	528710 (2)	LC for Bellina Specula			
528701	Bellina Specula Medium	528710 (2)	LC for Bellina Specula			
528702	Bellina Specula Large	528710 (2)	LC for Bellina Specula			

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