



**SURTEX**  
INSTRUMENTS

*Crafted to Excellence*





SURTEX INSTRUMENTS



# SURTEX INSTRUMENTS

*Crafted to Excellence*

### • INTRODUCTION TO THE CATALOGUE

Thank you for your interest in Surtex Oral, Maxillofacial and ENT Instruments. We remain committed to providing the highest quality products and customer service.

In this special catalogue you will find a comprehensive range of Oral, Maxillofacial and ENT Instruments, which have been developed following detailed consultation with leading Oral, Maxillofacial and ENT surgeons. These instruments in conjunction with Surtex General Instruments provides complete solution for oral, maxillofacial, otology, rhinology, rhinoplasty, tonsillectomy and tracheotomy surgeries.

We appreciate your patronage and look forward to a successful relationship with you.

### • ABOUT SURTEX INSTRUMENTS

**Surtex Instruments** is a privately owned medical technology company dedicated to innovation and excellence in crafting of surgical instruments. The company started as a specialist in reconstructive surgery instruments and based on its success and innovative drive gradually expanded to cover a vast range of surgical instruments.

We now manufacture over 8,000 surgical instruments and offer innovative solutions in trauma, gynecology, cardiovascular, microsurgery and dental surgery. All our products are available to view online where you can download our entire range of catalogues or request a printed version.

### • SURTEX QUALITY STANDARDS

In European Union medical devices are subject to a series of uniform laws and the EC directive places rigid demands on surgical instruments. Surtex Instruments is proud to claim that we have always surpassed the legal requirements to ensure that each instrument reaching the surgeons hand is indeed a testament to surgical craftsmanship.

We are **BS EN ISO 13485:2012/ISO 9001:2008 (SGS UK)** certified and **CE** approved to ensure compliance with the standards defined in line with medical devices directive **93/42/EEC**.



### WHY IS SURTEX FOCUSED ON INSTRUMENTS QUALITY?

Surgeons are highly talented and skilled individuals. They operate under significant time constraints and are required to make split second decisions while performing complex operations. At Surtex we understand that in such a scenario the surgeon requires tools that are not just fit for the purpose but are reliable, dependable and crafted by a company that has a track record for relentless pursuit for excellence in the making of surgical instruments.



### • AFFORDABLE QUALITY

Surgical instruments represent a significant proportion of hospital's total assets. Hospitals and health centers are often required to minimize costs of surgical instruments without impacting quality or patient's health. Decision makers tend to respond via group purchasing contracts & multiple quotes to shop around for the lowest price. However this approach has significant drawbacks as numerous instrument companies have focused towards competing on price alone with a disregard towards instruments quality while claiming their instruments to be guaranteed and free of defect.

The outcome for the buyer being a perceived notion of a quality instrument, which is actually little more than a knock-off and delivers only poor value for money.

At **Surtex Instruments** our success has been based on helping customers navigate successfully through the instrument procurement process by identifying real value for money through fair comparison. We believe that quality should be affordable and you should not pay too much for over priced brands and neither should you pay too much for a low quality instrument.

### • LIFE TIME WARRANTY

We encourage our customers to calculate lifetime costs prior to making purchase decisions and investing in surgical instruments.

**Surtex Instruments** are guaranteed for life\* against manufacturing defects of material and workmanship. This means we will repair or replace free of charge any surgical instrument that does not meet its functional requirements when used for its intended purpose and maintained properly.





## OUR PRODUCT BRANDS



A new dimension in cutting and dissecting performance. Our class leading integral self-sharpening technology standard on all Surtex scissors enabling precise cutting with minimum force even after pro-longed use.



These Surtex premium scissors feature finely ground micro serrations along one blade of the scissor preventing tissue slippage. The ultra sharp edge of the other blade cuts through the tissue precisely and atraumatically.



Instruments with this symbol benefit from tungsten carbide (TC) inserts expertly bonded on the cutting edge of the instrument. This material is harder than stainless steel and enables the instruments to last up to 6 times longer than standard instruments.



A true craftsmanship masterpiece and surgeons favourite. These are the best scissors in our range and combine the features of SuperEdge™ & UltraCut™ into a perfect pair of scissors that is precise, durable and reliable.



The only choice when the perfect grip matters. Utilising Creep Feed technology individual teeth are grinded into hard wear resistant tungsten carbide (TC). The result is super sharp teeth with well-defined point and inserts with impeccable gripping properties and instruments that last up to 6 times longer.



These instruments have jaws, which are coated with diamond dust resulting in improved gripping enabling superior manipulation of sutures, needles and tissues.



Our specially designed high strength fibre grip handles resulting in lightweight instruments. These ergonomic handles provide the surgeon with excellent feel, better grip, reduced shock, and less hand fatigue.



Surtex ENT diagnostic and anaesthesia instruments featuring direct bulb illumination of xenon grade bulbs.



This range features distal fibre optic to carry light from xenon bulb allowing cold illumination on operating site in our ENT diagnostics and anaesthesia instruments.



Premium grade ENT diagnostics and anaesthesia instruments combining features of distal fibre optic technology and ultra bright LED illumination ensuring the best in clear vision of operating site.

## CURRENT REFERENCE STANDARDS FOR SURTEX PRODUCTS

| STANDARDS                                   | CONTENTS OF THE STANDARD                                                                          |
|---------------------------------------------|---------------------------------------------------------------------------------------------------|
| BS EN ISO 9001:2008                         | Quality Management Systems certification standard.                                                |
| BS EN ISO 13485:2003                        | Medical Devices – Quality Management Systems certification standard.                              |
| MDD 93/42/EEC, Annex II, Section 3.2        | Medical Device Directive, 'EC Declaration of Conformity' (full quality assurance system).         |
| MDD 93/42/EEC, Annex I                      | Essential Requirements for Medical Devices.                                                       |
| BS EN ISO 7153-1:2001 (BS 5194:Part 1:1991) | Surgical Instruments – Metallic materials part 1 - Stainless Steel                                |
| BS 5194:Part 2:1989                         | Specification for instruments with pivot joints (excluding cutting instruments)                   |
| BS 5194:Part 3:1985                         | Specification for Dissecting Forceps                                                              |
| BS 5194:Part 4:1985                         | Specification for scissors, shears, and other jointed cutting instruments                         |
| ISO 7151:1988                               | Surgical instruments – non-cutting, articulated instruments – general requirements & test methods |
| ISO 7740:2004                               | Scalpels with detachable blades - Fitting dimensions                                              |
| ISO 7741:1986                               | Scissors and shears - General requirements and test methods                                       |
| ISO 6508-1:2005 (DIN 50103-3:1995)          | Specifies the method for Rockwell and Rockwell superficial hardness tests for metallic materials. |
| BS EN ISO 14971:2012                        | Medical Devices – Application of risk management to medical devices.                              |
| DIN 58298:2010-09                           | Medical instruments - Materials, finish and testing.                                              |
| DIN 58299:1964-01                           | Serrations for surgical instruments; profile angles, groove distances.                            |
| DIN 58300:1982-02                           | Joints for surgical instruments.                                                                  |
| HTM 2010                                    | Recommendations for sterilization                                                                 |
| AS/NZ 4187-2003                             | Cleaning, disinfecting & sterilising of re-usable surgical instruments                            |

This information is available on the internet at  
[www.surtex-instruments.com](http://www.surtex-instruments.com)

## INSTRUCTIONS FOR REPROCESSING OF REUSABLE SURGICAL INSTRUMENTS

The following instructions are for all reusable medical devices supplied by Surtex Instruments Ltd, unless stated otherwise with the packaging of the product. These instructions are intended for use only by persons with the required specialist knowledge and training.

### Warnings

- Follow instructions and warnings as issued by the manufacturers of any decontaminants, disinfectants and cleaning agents. Wherever possible avoid use of mineral acids and harsh, abrasive agents.
- No part of the process shall exceed 140 °C.
- Some sensitive materials (e.g. Aluminium) are damaged by high alkaline solutions (pH>10).
- Devices with long, narrow cannula, hinges and blind holes require particular attention during cleaning.

**Note:** When reprocessing medical devices, always handle with care, wearing protective clothing, gloves and eye-wear in accordance with local health & safety procedures.

### Limitations on Reprocessing

- Repeated processing has minimal effect on these instruments.
- End of life normally determined by wear and damage in use.
- Any specific limitations on the number of reprocessing cycles shall be made available with instrument.

### From Point of Use

Whenever possible, do not allow blood, debris or bodily fluids to dry on instruments. For best results and to prolong the life of the medical device reprocess immediately after use. If they cannot be reprocessed immediately, use an enzymatic foam spray cleaner to help prevent soil from drying.

### Preparation for Decontamination

- Process all the instruments as soon as it is reasonably practical following use.
- Disassemble only where intended, without the use of tools unless specifically provided by the manufacturer. Instructions for dis assembly are available with the device, where required.

### Cleaning: Automated

- Use only either CE marked or validated washer-disinfector machines and low foaming, non-ionizing cleaning agents and detergents following the manufacturer's instructions for use, warnings, concentrations and recommended cycles.
- Load instruments carefully, with any box joints and hinges open and so that any fenestration in instruments can drain.
- Place heavy instruments with care in the bottom of containers, taking care not to overload wash baskets.
- Place instruments with concave surfaces facing down to prevent pooling of water.
- Where possible, use appropriate attachments to flush inside reamers and devices with lumens or cannula.
- Ensure that soft, high purity water which is controlled for bacterial endo-toxins is used in the final rinse stage.

**Note:** Automated cleaning may not be suitable for all lumens and cannula in which case clean manually with a water jet gun, if available, and an appropriate brush (and stilette if provided) that reaches the depth of the feature. After manually cleaning, pass all devices through an automatic cleaning cycle to achieve disinfection.

**Note:** These instruments have been validated using a washer-disinfector cycle validated to include two cold rinses at <35 °C, a detergent cycle and a rinse cycle both at >50°C, a disinfection cycle operating at a temperature of between 80 °C and 90 °C for a minimum holding time of 1 minute (actual holding time in excess of 2 minutes 50 seconds) and a 20 minute drying cycle. The detergent used was low foaming, non-ionizing spray wash detergent cleaner (max 12pH) and the rinse aid a neutral pH low foaming, non-ionic surfactant with isopropyl alcohol.

### Cleaning: Manual

- Manual cleaning is not advised if an automatic washer-disinfector is available. If the equipment is not available, use the following process:-
- Use a double sink system (wash/rinse) dedicated for instrument cleaning (not used for hand washing). Ensure that the water temperature does not exceed 35 of the re-processor to ensure that the reprocessing as actually performed using equipment, materials and personnel in the reprocessing facility achieve the desired result. This requires validation and routine monitoring of the process. Likewise any deviation by the re-processor from the instructions provided must be properly evaluated for effectiveness and potential adverse consequences.
  - In the first sink, keeping the instrument submerged, with an autoclavable brush, apply CE marked cleaning solution to all surfaces until all soil has been removed. Pay particular attention to serrations, teeth, ratchets and hinges, always brushing away from the body and avoiding splashing. Ensure rongeurs and hinged instruments are thoroughly cleaned in both open and closed positions.
  - In the second sink, rinse instruments thoroughly with soft, high purity water which is controlled for bacterial endotoxins, so that the water reaches all parts of the instrument, then carefully hand dry or use a drying cabinet.

**Note:** Manual Cleaning is NOT a disinfection process: When manual cleaning is used it may not be possible to disinfect the device prior to further handling.

### Cleaning Inspection

- After cleaning visually inspect, visually inspect all surfaces, cannulations, ratchets, joints, holes and lumens for complete removal of soil and fluids. If ANY soil or fluid is still visible, return the instrument for repeat decontamination.

### Maintenance

- Apply surgical grade lubricant to hinges, joints and moving parts as per the lubricant manufacturer's instructions.

Continued on next page

#### Inspection and Functional Testing

- Visually inspect and check: - all instruments for damage and wear; cutting edges are free from nicks and present a continuous edge; jaws and teeth align correctly; all articulated instruments have a smooth movement without excess play; locking mechanisms (such as ratchets) fasten securely and close easily; long, slender instruments are not distorted; any component parts fit and assemble correctly with mating components.
- Remove for repair and replacement any blunt, worn out, flaking, fractured or damaged instruments.

**Note:** If an instrument is returned to the manufacturer / supplier, the instrument must be decontaminated and sterilized and be accompanied with the relevant documented evidence.

#### Packaging

- All instruments to be packed following local protocol in accordance with ISO 11607-1 or AAMI/CSR technique.

#### Sterilization (USA)

- Autoclave should comply with the requirements of, and be validated and maintained in accordance with ANSI/AAMI ST79.
- Pre-Vacuum moist heat sterilization operating at temperature 132 °C bar for a minimum holding time of 4 minutes always following the instructions of the machine manufacturer.
- When sterilizing multiple instruments in one autoclave cycle, ensure that the sterilizer manufacturers stated maximum load is not exceeded.
- Ensure instruments are dry before sterilization.

#### Sterilization (Outside USA)

- Autoclave should comply with the requirements of, and be validated and maintained in accordance with EN 285, EN 13060, EN ISO 17665.
- Either CE marked or validated vacuum autoclave operating at 134-137 °C bar for a minimum holding time of 3 minutes always following the instructions of the machine manufacturer.
- When sterilizing multiple instruments in one autoclave cycle, ensure that the sterilizer manufacturers stated maximum load is not exceeded.

#### Storage

- Ensure instruments are dry before storage, and stored in dry, clean conditions at an ambient room temperature.

#### Additional Information

- Other forms of cleaning (i.e. ultrasonic) and sterilization (i.e. Low temperature steam and Formaldehyde, Ethylene Oxide and Gas Plasma) are available. However, always follow the instructions for use as issued by the manufacturer and always consult with them if in any doubt over the suitability of any process used.
- Cleaning and sterilizing guidelines are available in HTM 2030 and HTM 2010. Contact: The NHS Estates Stationers Office Publications Cent for details at [www.tsonline.gov.uk](http://www.tsonline.gov.uk). For further information contact: NHS Estates Information Center, Department of Health, 1 Trevelyan Square, Boar Lane, Leeds, LS1 6AE, UK or visit [www.nhsestates.gov.uk](http://www.nhsestates.gov.uk).

**Note:** It is the responsibility of the re-processor to ensure that the reprocessing as actually performed using equipment, materials and personnel in the reprocessing facility achieve the desired result. This requires validation and routine monitoring of the process. Likewise any deviation by the re-processor from the instructions provided must be properly evaluated for effectiveness and potential adverse consequences.

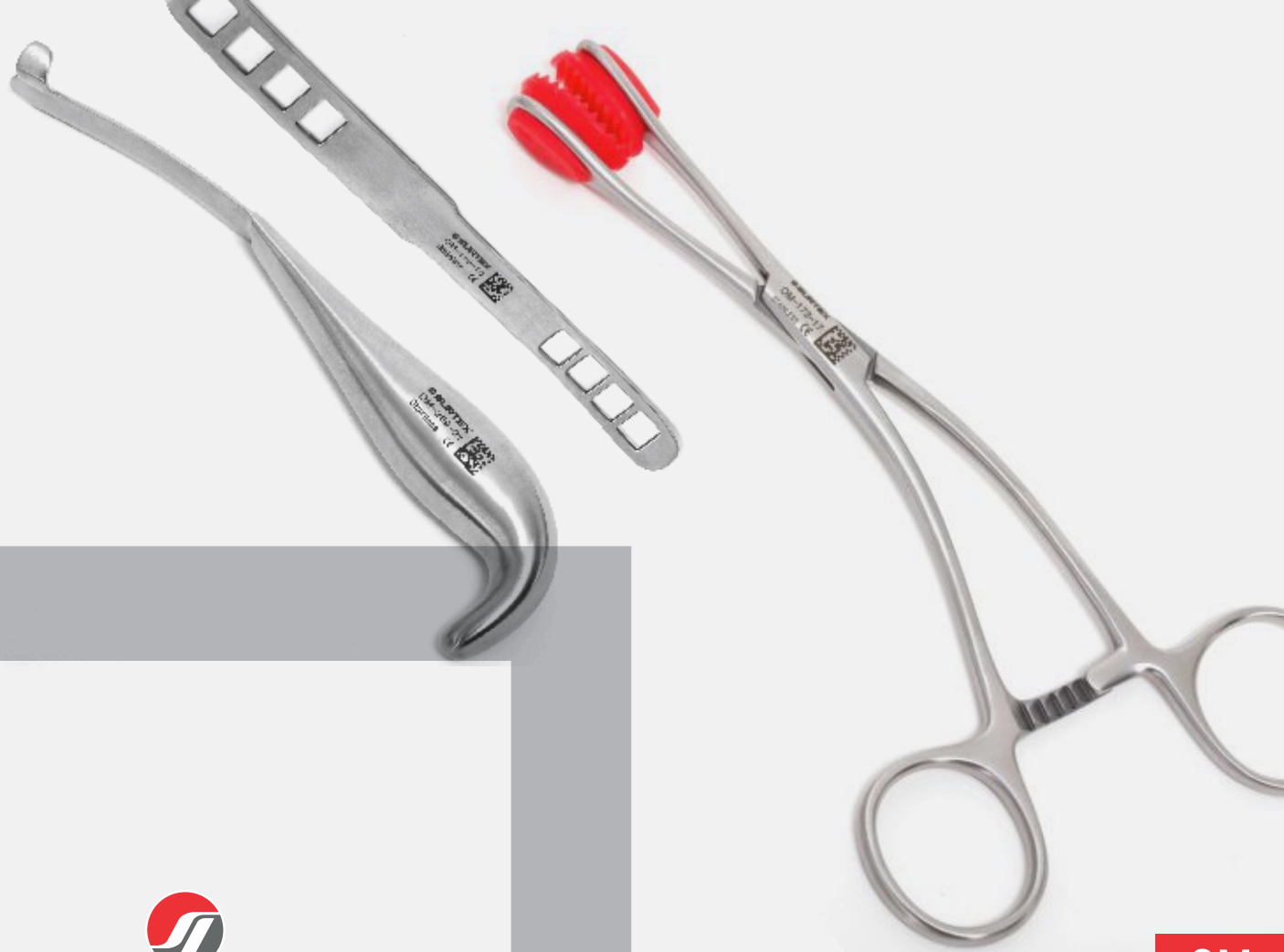
## TABLE OF CONTENTS

|                                     |             |
|-------------------------------------|-------------|
| ■ Oral Maxillo-Facial Surgery       | 1 - 38      |
| Otology Instruments                 | 39 - 92     |
| Rhinology Instruments               | 93 - 165    |
| Tonsillectomy, Laryngo-Bronchoscopy | 166 - 189   |
| Tracheostomy Instruments            | 190 - 195 ■ |









OM

## ORAL MAXILLO-FACIAL SURGERY

Mund-, Kiefer- und Gesichtschirurgie

Cirugía oral y maxilofacial

Chirurgie buccale et maxillo-faciale

Chirurgia maxillo-facciale

Finger Protectors, Mouth Gag  
Finger-Protektoren, Mund-Gags  
Protectores de dedo, Mordaza De la Boca  
Protections de doigt, Bâillon De Bouche  
Protezioni Finger, Bocca Bavaglio



**OM-011-01**  
**Adams Napkin Holder**  
Consisting of Chain and  
Two Crocodile Forcep



**OM-015-01**  
Ø 18.0 mm  
**OM-015-02**  
Ø 21.0 mm  
**OM-015-03**  
Ø 22.0 mm

**Langenbeck Finger Protector**



**OM-018-10**  
**Maunder Mouth Gag**  
Wood



**OM-030-13**  
**Heister Mouth Gag**  
Overall Length 13 cm (5")



**OM-032-11**  
**Obwegeser Mouth Gag**  
Overall Length 11 cm (4 1/4")

Mouth Gag  
Mund-Gags  
Mordaza De la Boca  
Bâillon De Bouche  
Bocca Bavaglio

OM

ORAL MAXILLO-FACIAL SURGERY



**OM-035-11**  
11 cm (4 1/4")

**OM-035-14**  
13 cm (5")

Molt Mouth Gag



**OM-039-12**  
**Denhart Mouth Gag**  
16.0 mm  
Overall Length 13 cm (5")

Mouth Gag  
Mund-Gags  
Mordaza De la Boca  
Bâillon De Bouche  
Bocca Bavaglio



**OM-041-16**  
16 cm (6 1/4")

**OM-041-20**  
20 cm (8")

**Roser-Koenig Mouth Gag**



**OM-043-18**  
14.5 cm (5 3/4")

**OM-043-20**  
18 cm (7")

**Fergusson-Ackland Mouth Gag**

Mouth Gag  
Mund-Gags  
Mordaza De la Boca  
Bâillon De Bouche  
Bocca Bavaglio

OM

ORAL MAXILLO-FACIAL SURGERY



**Jennings Mouth Gag**

**OM-047-09**

10.5 cm (4")

**OM-047-11**

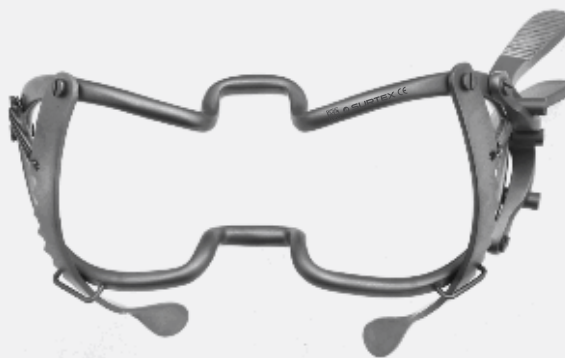
12.5 cm (5")

**OM-047-13**

14.5 cm (5 3/4")

**OM-047-15**

16.5 cm (6 1/2")



**Whitehead Mouth Gag**

Without Tongue Depressor Ratchet

**OM-049-11**

11 cm (4 1/4")

**OM-049-13**

13 cm (5")

**OM-049-15**

15 cm (6")



**OM-051-13**

**Whitehead Mouth Gag**

With Ratchet for Tongue Depressors

Overall Length 13 cm (5")



**OM-058-00**

**Negus Chest Support For Mouth Gag**

Overall Length 20 cm (8")

Mouth Gag  
Mund-Gags  
Mordaza De la Boca  
Bâillon De Bouche  
Bocca Bavaglio



**OM-060-00**  
**Kilner-Doughty Mouth Gag**  
Complete  
With 3 Tongue Depressors



**OM-061-00**  
**Kilner-Doughty Mouth Gag**  
Frame Only  
Overall Length 14.5 cm (5 ¾")



**OM-063-01**  
70 x 29 mm

**OM-063-02**  
80 x 34 mm

**OM-063-03**  
85 x 38 mm

**Kilner-Doughty Tongue Depressor**  
Fenestrated Blade for Suction  
Overall Length 13.5 cm (5 ¼")

Mouth Gag  
Mund-Gags  
Mordaza De la Boca  
Bâillon De Bouche  
Bocca Bavaglio

**OM**

ORAL MAXILLO-FACIAL SURGERY



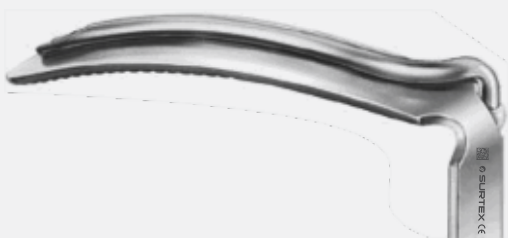
**OM-070-00**  
**Davis-Boyle Mouth Gag Complete**  
With 5 Tongue Depressors  
Ref:- OM-073-01 to OM-073-05



**OM-071-00**  
Adult

**OM-071-01**  
Child

**Davis-Boyle Mouth Gag**  
Frame Only



**Davis-Boyle Tongue Depressor**  
With Fixed Suction Tube  
Overall Length 13.5 cm (5 1/4")



**OM-073-01**  
110 x 26 mm

**OM-073-02**  
95 x 25 mm

**OM-073-03**  
80 x 24 mm

**OM-073-04**  
65 x 23 mm



**OM-073-05**  
**Davis-Boyle Tongue Depressor**  
Without Suction Tube, 30 x 20 mm  
Overall Length 13 cm (5")



Mouth Gag  
Mund-Gags  
Mordaza De la Boca  
Bâillon De Bouche  
Bocca Bavaglio



**OM-080-00**  
Complete

**OM-081-00**  
Frame Only

**Mclvor Mouth Gag**  
With 3 Tongue Depressors  
Ref: OM-083-01 to OM-083-03  
Overall Length 15 cm (6")



**OM-083-01**  
100 x 26 mm

**OM-083-02**  
85 x 25 mm

**OM-083-03**  
75 x 23 mm

**Mclvor Tongue Depressor Blade**  
Overall Length 13.5 cm (5 1/4")



**OM-090-00**  
Complete

**OM-091-00**  
Frame Only

**Dingmann Mouth Gag**  
With 3 Tongue Depressors  
Ref: OM-093-01 to OM-093-03  
Overall Length 14.5 cm (5 3/4")



**OM-093-01**  
65 x 26 mm

**OM-093-02**  
70 x 29 mm

**OM-093-03**  
80 x 32 mm

**Dingmann Tongue Depressor Blade**  
Overall Length 13.5 cm (5 1/4")

Mouth Gag  
Mund-Gags  
Mordaza De la Boca  
Bâillon De Bouche  
Bocca Bavaglio

OM

ORAL MAXILLO-FACIAL SURGERY



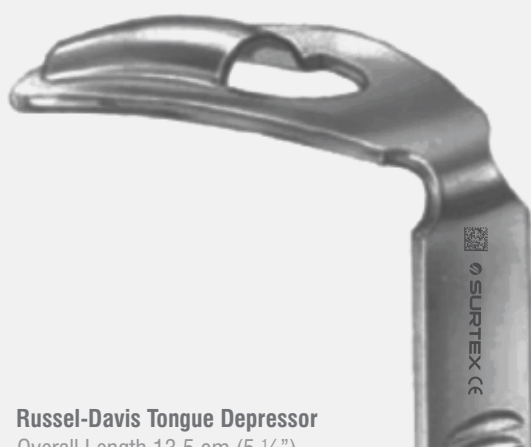
**Negus Tongue Depressor**  
Overall Length 13.5 cm (5 1/4")



**OM-097-01**  
70 x 20 mm

**OM-097-02**  
80 x 30 mm

**OM-097-03**  
95 x 35 mm



**Russel-Davis Tongue Depressor**  
Overall Length 13.5 cm (5 1/4")

**OM-099-01**  
18 x 55 mm

**OM-099-02**  
22 x 65 mm

**OM-099-03**  
25 x 75 mm

**OM-099-04**  
28 x 65 mm

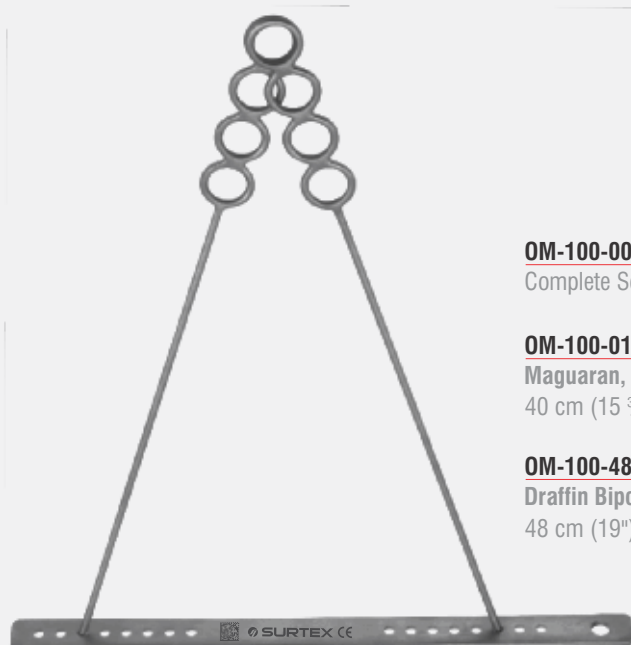
**OM-099-05**  
32 x 75 mm

**OM-099-06**  
37 x 80 mm

**OM-099-07**  
40 x 90 mm

**OM-099-08**  
45 x 100 mm

Lip and Cheek Retractors  
Lippen-und Wangenhalter  
Labios y Mejillas Retractores  
Lèvres et jougaux  
Labbra e guance Divaricatori



**OM-100-00**  
Complete Set

**OM-100-01**  
**Maguaran**, Plate For Holding Draffin Bipod  
40 cm (15 3/4")

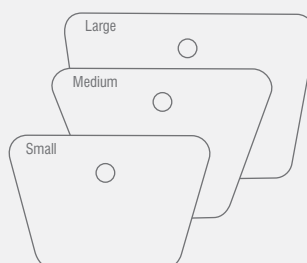
**OM-100-48**  
**Draffin Bipod Rod**, Plate For Holding Draffin Bipod  
48 cm (19")

#### Draffin Bipod Complete

Standard, With 2 Draffin Bipod Rod Ref:- OM-100-48



#### McKesson Mouth Prop



**OM-110-01**  
Small

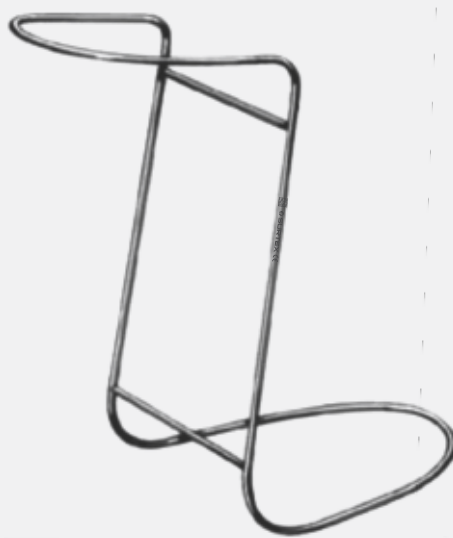
**OM-110-02**  
Medium

**OM-110-03**  
Large

Lip and Cheek Retractors  
Lippen-und Wangenhalter  
Labios y Mejillas Retractores  
Lèvres et jougaux  
Labbra e guance Divaricatori



**OM-121-11**  
**Martin-Simplex Lip and Cheek Retractor**  
Overall Length 10 cm (4")



**OM-123-12**  
**Obwegeser Lip and Cheek Retractor**  
Overall Length 12 cm (4 3/4")



**OM-127-13**  
**Bishop Lip and Cheek Retractor**  
27.0 mm  
Overall Length 13.5 cm (5 1/4")



**OM-131-15**  
**Cawood-Minnesota Cheek Retractor**  
20 mm  
Overall Length 15 cm (6")



**OM-135-14**  
**Minnesota Cheek Retractor**  
Overall Length 14.5 cm (5 3/4")

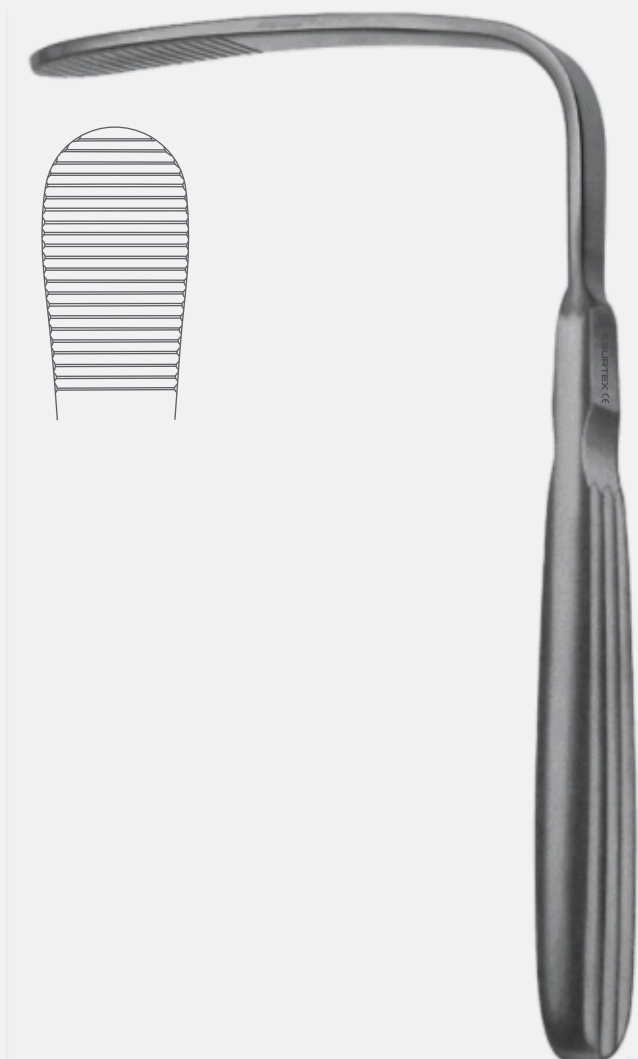


**OM-141-15**  
**Hartmann Tongue Depressor**  
72 x 23 mm  
Overall Length 15 cm (6")

OM

ORAL MAXILLO-FACIAL SURGERY

Tongue Depressors  
Zungesenker  
Bajalenguas  
Abaisse-langue  
Abbassalingua



**OM-143-15**  
**Tobold Tongue Depressor**  
88 x 25 mm  
Overall Length 15 cm (6")



**OM-145-14**  
**Andrew Tongue Depressor**  
Overall Length 14.5 cm (5 3/4")

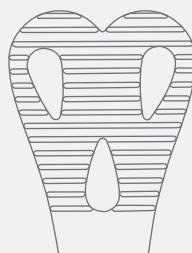
Tongue Depressors  
Zungesenker  
Bajalenguas  
Abaisse-langue  
Abbassalingua

OM

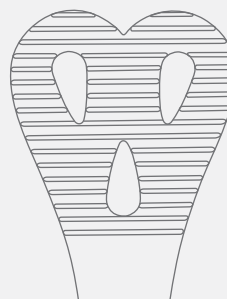
ORAL MAXILLO-FACIAL SURGERY



Wieder Tongue Depressor



**OM-147-01**  
36 mm  
14 cm (5 1/2")



**OM-147-02**  
43 mm  
15 cm (6")



**OM-151-14**  
Standard Tongue Depressor  
Overall Length 14.5 cm (5 3/4")



**OM-153-15**  
Koenig Tongue Depressor  
Overall Length 15 cm (6")



**OM-155-17**  
Mayo Tongue Depressor  
Overall Length 17 cm (6 3/4")



**OM-159-19**  
Bruenings Tongue Depressor  
19 mm - 15 mm  
Overall Length 19 cm (7 1/2")



Tongue Holding Forceps  
Zungehaltezaugen  
Pinza tira-lengua  
Pinces tire-langue  
Pinze per lingua



**OM-170-17**  
**Collin Tongue Holding Forcep**  
24 x 27 mm  
Overall Length 17 cm (6 ¾")



**OM-173-17**  
**Young Tongue Holding Forcep**  
Overall Length 15 cm (6")

Oral Retractors  
Orale Wundhaken  
Separadores orales  
Rétracteurs orales  
Divaricatori orali

OM

ORAL MAXILLO-FACIAL SURGERY



**Henahan Retractor**  
Overall Length 18 cm (7")



**OM-201-01**  
Fig. 1



**OM-201-02**  
Fig. 2



**OM-201-03**  
Fig. 3



**OM-251-24**  
**Sigmoid Notch Extra Oral Retractor**  
Concave Blade Full Bent Tip, 9.5 mm x 16 mm  
Overall Length 22 cm (8 3/4")



Oral Retractors  
Orale Wundhaken  
Separadores orales  
Rétracteurs orales  
Divaricatori orali



**OM-255-24**  
**Petri Intra Oral Retractor**  
For LeFort Osteotomies, 25.5 mm  
Overall Length 23 cm (9")



**OM-259-21**  
**Bauer Intra Oral Retractor**  
Left  
Overall Length 21 cm (8 1/4")



**OM-261-21**  
**Bauer Intra Oral Retractor**  
Right  
Overall Length 21 cm (8 1/4")

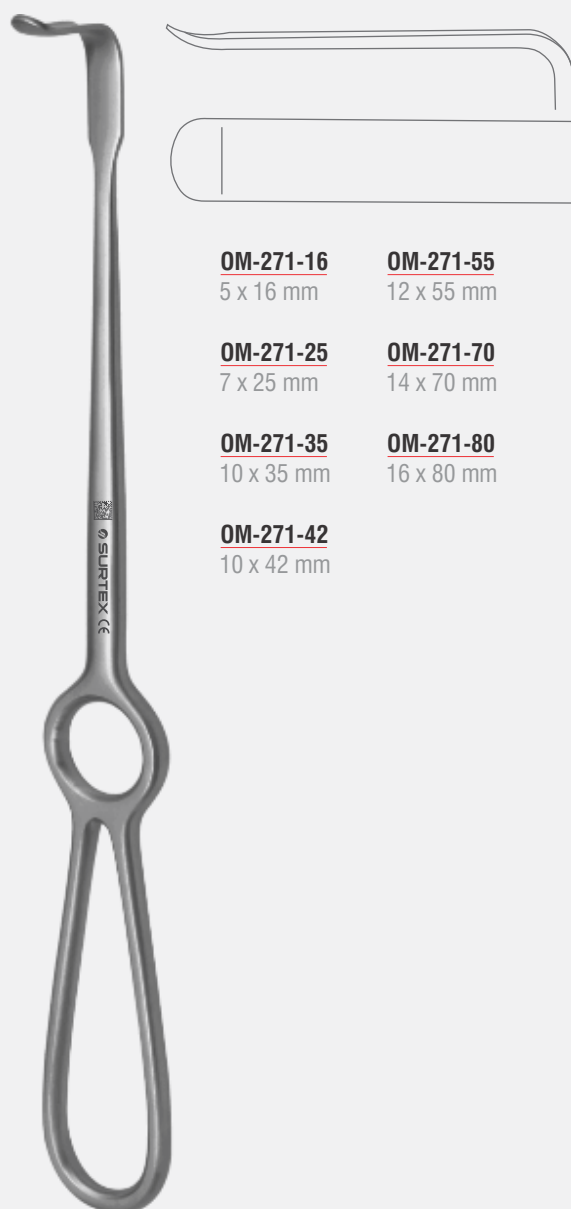


**OM-265-25**  
**Levasseur-Merrill Intra Oral Retractor**  
Overall Length 25 cm (9 3/4")

Soft Tissue Retractors  
Weichteilhaken  
Separadores de tejidos blandos  
Rétracteurs des tissus mous  
Divaricatori tessuti molli

**OM**

ORAL MAXILLO-FACIAL SURGERY



**OM-271-16**  
5 x 16 mm

**OM-271-55**  
12 x 55 mm

**OM-271-25**  
7 x 25 mm

**OM-271-70**  
14 x 70 mm

**OM-271-35**  
10 x 35 mm

**OM-271-80**  
16 x 80 mm

**OM-271-42**  
10 x 42 mm



**OM-273-16**  
5 x 16 mm

**OM-273-55**  
12 x 55 mm

**OM-273-25**  
7 x 25 mm

**OM-273-70**  
14 x 70 mm

**OM-273-35**  
10 x 35 mm

**OM-273-80**  
16 x 80 mm

**OM-273-42**  
10 x 42 mm

**Obwegeser Soft Tissue Retractor**  
Bent Upwards  
Overall Length 24 cm (9 ½")

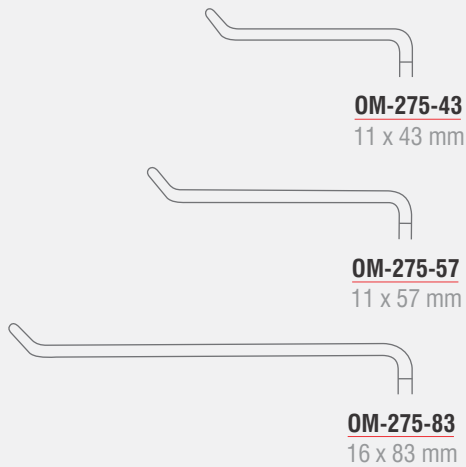
**Obwegeser Soft Tissue Retractor**  
Bent Downwards  
Overall Length 24 cm (9 ½")



Soft Tissue Retractors  
Weichteilhaken  
Separadores de tejidos blandos  
Rétracteurs des tissus mous  
Divaricatori tessuti molli



**Obwegeser Soft Tissue Retractor**  
Bent Upwards  
Overall Length 21.5 cm (8 1/2 inch)



**OM-275-43**  
11 x 43 mm

**OM-275-57**  
11 x 57 mm

**OM-275-83**  
16 x 83 mm



**Obwegeser Soft Tissue Retractor**  
Overall Length 21 cm (8 1/4 inch)

**OM-279-30**  
12 x 30 mm

**OM-279-45**  
12 x 45 mm

**OM-279-60**  
12 x 60 mm

Oral Retractors  
Orale Wundhaken  
Separadores orales  
Rétracteurs orales  
Divaricatori orali

OM

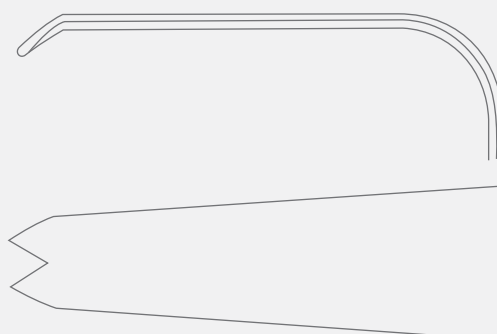
ORAL MAXILLO-FACIAL SURGERY



**Obwegeser Ramus Retractor**  
Overall Length 24.5 cm (9 3/4")



**OM-281-22**  
15 x 70 mm

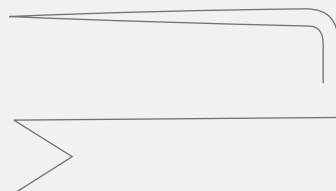


**OM-283-22**  
22 x 70 mm

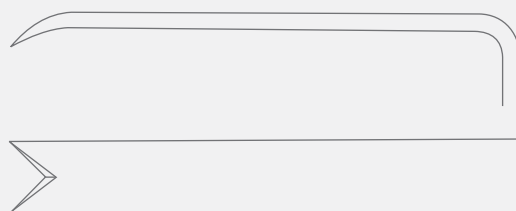
Oral Retractors  
Orale Wundhaken  
Separadores orales  
Rétracteurs orales  
Divaricatori orali



**Obwegeser Ramus Retractor (Nasal Spine Retractor)**  
Overall Length 22 cm (8 ¾")



**OM-287-22**  
10 x 45 mm



**OM-289-22**  
10 x 72 mm

Oral Retractors  
Orale Wundhaken  
Separadores orales  
Rétracteurs orales  
Divaricatori orali

OM

ORAL MAXILLO-FACIAL SURGERY



**OM-291-01**  
Right

**OM-291-02**  
Left

**Steinhauser Zygomatic Retractor**  
Overall Length 24 cm (9 ½")



**OM-301-16**  
**Obwegeser Chin Retractor**  
Overall Length 16.5 cm (6 ½")

Oral Retractors  
Orale Wundhaken  
Separadores orales  
Rétracteurs orales  
Divaricatori orali



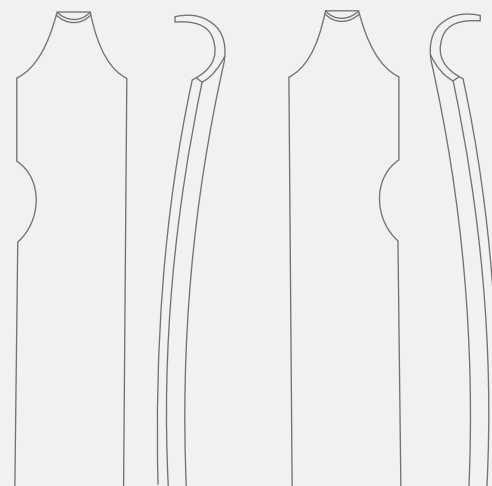
**OM-305-08**  
8.0 mm

**OM-305-10**  
10.0 mm

**Obwegeser Channel Retractor**  
Overall Length 17 cm (6 3/4")



**Hargis Medial Ramus Retractor**  
Overall Length 19.5 cm (7 3/4")



**OM-315-01**  
Right

**OM-315-02**  
Left

Oral Retractors, Periosteal Elevator  
Orale Wundhaken, Raspatorium  
Separadores orales, Elevador perióstico  
Rétracteurs orales, Ascenseur périostée  
Divaricatori orali, Scollaperiostio

OM

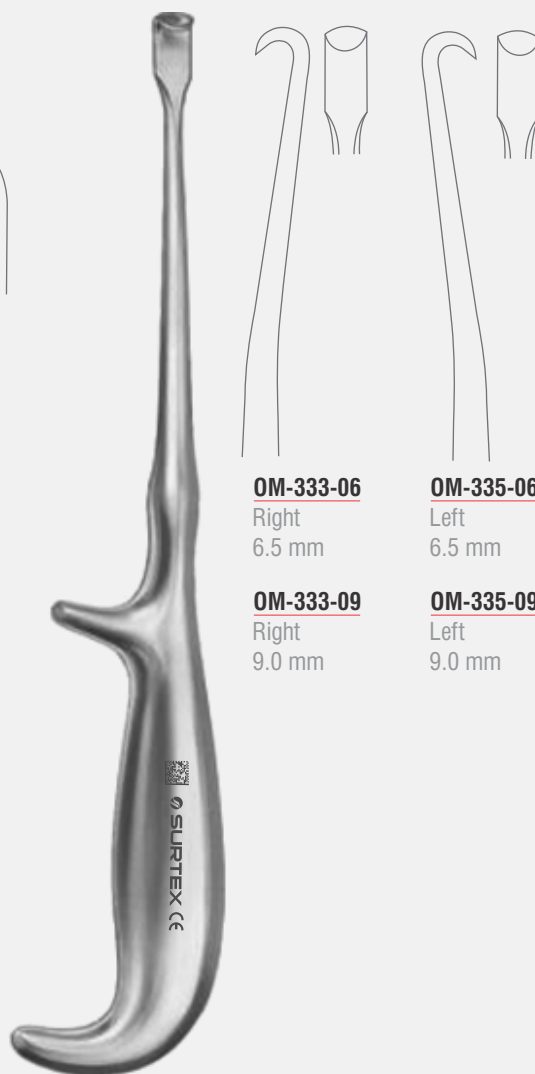
ORAL MAXILLO-FACIAL SURGERY



**OM-319-18**  
**Hargis Mandibular Body Retractor**  
Overall Length 18 cm (7")



**OM-331-19**  
**Hargis Anterior Border Stripper**  
Overall Length 19 cm (7 ½")



**OM-333-06**  
Right  
6.5 mm

**OM-335-06**  
Left  
6.5 mm

**OM-333-09**  
Right  
9.0 mm

**OM-335-09**  
Left  
9.0 mm

**Hargis Periosteal Elevator**  
Overall Length 23 cm (9")





Periosteal Elevator  
Raspatorium  
Elevador perióstico  
Ascenseur périostée  
Scollaperiostio



**OM-337-18**  
**Hargis Periform Rim Retractor**  
Overall Length 18.5 cm (7 1/4")



**OM-339-22**  
**Hargis Pterygoid Osteotome**  
Overall Length 22 cm (8 3/4")



**OM-341-19**  
**Hargis Bone Holding Forcep**  
With Chain  
Overall Length 19 cm (7 3/4")

Periosteal Elevator  
Raspatorium  
Elevador perióstico  
Ascenseur périostée  
Scollaperiostio

OM

ORAL MAXILLO-FACIAL SURGERY



**OM-361-04**  
4.0 mm



**OM-361-06**  
6.0 mm



**OM-361-07**  
7.0 mm



**OM-361-09**  
9.0 mm



**OM-361-11**  
11.0 mm



**OM-381-21**  
Fig. 1



**OM-383-21**  
Fig. 2

**Obwegeser Periosteal Elevator**  
Overall Length 17.5 cm (7")

**Obwegeser Elevator**  
Overall Length 20.5 cm (8")

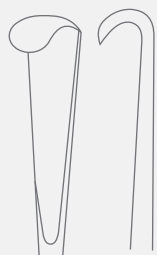
Ramus Separator  
Spreizzange  
Pinza para separar la rama  
Pince pour séparer ramus  
Pinza per separare il ramo



**Obwegeser J-Stripper**  
Overall Length 20.5 cm (8")



**OM-401-05**  
5.0 mm



**OM-401-07**  
7.0 mm



**OM-401-09**  
9.0 mm



**Obwegeser Ramus Stripper**  
Overall Length 17.5 cm (7")



**OM-405-01**  
Fig. 1



**OM-405-02**  
Fig. 2

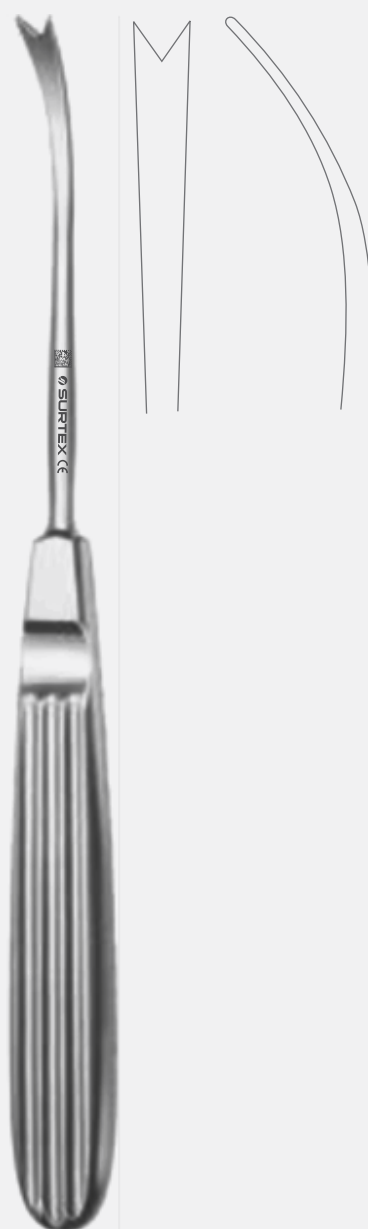
Ramus Pusher, Steinhauser Reposition Instrument  
Knopfsonden, Hohlsonden  
Sondas abotonadas, Sondas acanaladas  
Sondes boutonnées, Sondes cannelées  
Sonde a bottone, Sonde cannellate

OM

ORAL MAXILLO-FACIAL SURGERY



**OM-415-24**  
**Terry Ramus Pusher**  
Overall Length 24 cm (9 ½")



**OM-421-18**  
**Steinhauser Reposition Instrument**  
Overall Length 18 cm (7")

Sinus Lift Curettes  
Sinus Lift Küretten  
Curetas Sinus Lift  
Curettes Sinus Lift  
Curette rialzo del seno



**Tatum Sinus Lift Curette**



**OM-451-01**

Fig. 1  
2.6 mm - 2.6 mm  
18 cm (7")



**OM-453-02**

Fig. 2  
2.6 mm - 2.6 mm  
17.5 cm (7")



**OM-455-03**

Fig. 3  
4.1 mm - 4.1 mm  
18 cm (7")



**OM-457-04**

Fig. 4  
4.1 mm - 4.1 mm  
18.5 cm (7 1/4")



**OM-459-05**

Fig. 5  
6.7 mm - 6.7 mm  
18.5 cm (7 1/4")



**OM-461-06**

Fig. 6  
6.7 mm - 6.7 mm  
19 cm (7 1/2")



**OM-463-07**

Fig. 7  
2.8 mm - 6.2 mm  
16 cm (6 1/4")



**OM-465-08**

Fig. 8  
2.8 mm - 6.2 mm  
16 cm (6 1/4")



**OM-465-09**

Fig. 9  
3.1 mm - 3.1 mm  
16 cm (6 1/4")



**OM-465-10**

Fig. 10  
5.6 mm - 5.6 mm  
16 cm (6 1/4")

Maxillary Awns  
Unterkieferahnen  
Leznas Maxilares  
Alènes maxillaires  
Punteruoli mascellari

OM

ORAL MAXILLO-FACIAL SURGERY



**OM-501-15**  
15 cm (6")



**OM-501-17**  
17.5 cm (7")



**OM-503-24**  
**Obwegeser Zygomatic Arch Awl**  
Overall Length 24 cm (9 1/2")



**OM-507-18**  
**Obwegeser Maxillary Awl**  
Overall Length 18 cm (7")





Wire Loop Forcep, Ramus Separator  
Knopfsonden, Hohlsonden  
Sondas abotonadas, Sondas acanaladas  
Sondes boutonnées, Sondes cannelées  
Sonde a bottone, Sonde cannellate



**OM-540-15**  
**Obwegeser Wire Loop Forcep**  
Overall Length 15 cm (6")

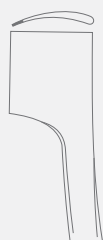


**OM-550-20**  
**Smith Ramus Separator**  
Overall Length 23.5 cm (9 1/4")

Disimpaction Forcep  
Repositionszangen  
Pinzas para reposición  
Pinces de reposition  
pinze per riduzione

OM

ORAL MAXILLO-FACIAL SURGERY



**OM-554-01**  
Right



**OM-554-02**  
Left



**OM-570-01**  
Left



**OM-570-02**  
Right

**Smith Sagittal Split Separator**  
Overall Length 18.5 cm (7 1/4")

**Rowe Disimpaction Forcep**  
Overall Length 22.5 cm (8 3/4")



Zygoma Elevators  
Zygoma-Elevatoren  
Elevadores, cigomáticos  
Élévateurs zygommatiques  
Elevatori per zigomo



**OM-601-21**  
**Gillies Zygoma Elevator**  
Overall Length 20 cm (8")



**OM-602-21**  
**Dingmann Zygoma Elevator**  
Ø 5.0 mm  
Overall Length 21 cm (8 ¼")



**OM-605-21**  
**Rowe Zygoma Elevator**  
Overall Length 21.5 cm (8 ½")



**OM-607-19**  
**Boise Nasal Fracture Elevator**  
Overall Length 19.5 cm (7 ¾")

Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi

OM

ORAL MAXILLO-FACIAL SURGERY



**OM-613-10**  
10.0 mm

**OM-615-20**  
20.0 mm

**Dingmann Bone Hook**  
Overall Length 20 cm (8")



**OM-620-06**  
Straight  
6.0 mm

**OM-620-08**  
Straight  
8.0 mm

**Bauer Osteotome**  
Overall Length 20.5 cm (8")



**OM-621-06**  
Curved  
6.0 mm

**OM-621-08**  
Curved  
8.0 mm

**Bauer Osteotome**  
Overall Length 20.5 cm (8")



Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi



**OM-623-08**  
**Epker-Bauer Osteotome**  
Curved, 8.0 mm  
Overall Length 17.5 cm (7")



**Dautrey-Munro Osteotome**  
Overall Length 16 cm (6 1/4")



**OM-626-04**  
4.0 mm



**OM-626-06**  
6.0 mm



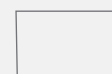
**OM-626-08**  
8.0 mm



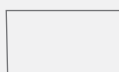
**OM-626-10**  
10.0 mm



**OM-626-12**  
12.0 mm



**OM-626-14**  
14.0 mm



**OM-626-16**  
16.0 mm

Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi

OM

ORAL MAXILLO-FACIAL SURGERY



**Dunn-Dautrey Osteotome**



**OM-628-04**  
Straight  
4.0 mm  
16.5 cm (6 ½")



**OM-629-06**  
Curved  
6.0 mm  
16 cm (6 ¼")



**OM-631-06**  
Strongly Curved  
6.0 mm  
16 cm (6 ¼")

**OM-628-06**  
Straight  
6.0 mm  
16 cm (6 ¼")

**OM-628-08**  
Straight  
8.0 mm  
16 cm (6 ¼")



**Dunn-Dautrey Elevator**  
Overall Length 15.5 cm (6")



**OM-633-48**  
6 x 48 mm

**OM-633-56**  
6 x 56 mm



Elevators  
Elevatorii  
Elevadores  
Elévateurs  
Elevatori



**OM-637-12**  
**Dolwick-Type TMJ Disc Clamp**  
Overall Length 12 cm (4 ¾")



**OM-639-14**  
**Dolwick-Type TMJ Condylar Retractor**  
Overall Length 14.5 cm (5 ½")



**OM-641-17**  
**Dolwick-Type TMJ Elevator**  
Overall Length 16 cm (6 ¾")

Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi

OM

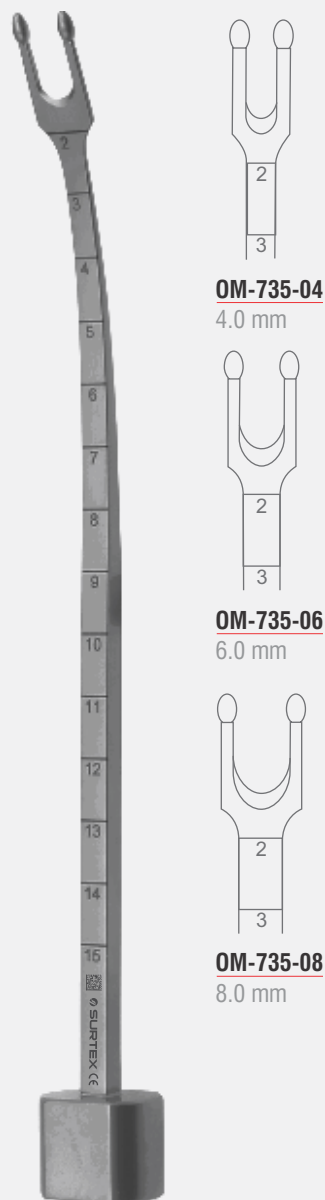
ORAL MAXILLO-FACIAL SURGERY



**OM-700-17**  
**Turvey Palatal Expander**  
Overall Length 17 cm (6 ¾")



**OM-730-19**  
**Terry Septal Osteotome**  
Overall Length 19 cm (7 ¾")



**OM-735-04**  
4.0 mm

**OM-735-06**  
6.0 mm

**OM-735-08**  
8.0 mm

**Obwegeser Septonasal Osteotome**  
Graduated  
Overall Length 18.5 cm (7 ¼")



Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi



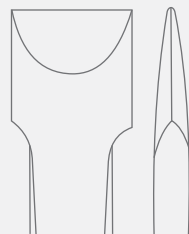
**FiberGrip™ Obwegeser Wedge Osteotome**  
Overall Length 22 cm (8 3/4")



**OM-740-08**  
8.0 mm



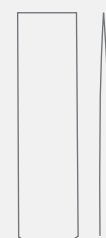
**OM-740-12**  
12.0 mm



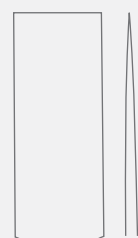
**OM-740-16**  
16.0 mm



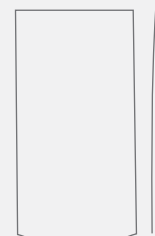
**FiberGrip™ Obwegeser Split Osteotome**  
Overall Length 22 cm (8 3/4")



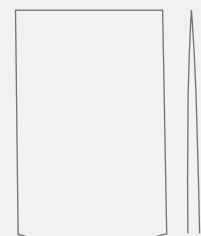
**OM-742-08**  
8.0 mm



**OM-742-12**  
12.0 mm



**OM-742-16**  
16.0 mm



**OM-742-20**  
20.0 mm

Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi

OM

ORAL MAXILLO-FACIAL SURGERY



**OM-750-03**  
3.0 mm



**OM-750-04**  
4.0 mm



**OM-750-06**  
6.0 mm

**Obwegeser Osteotome**  
For Alveolar Process  
Overall Length 15 cm (6")







**SURTEX**  
INSTRUMENTS

*Crafted to Excellence*

OT

## OTOLOGY INSTRUMENTS

Otologie

Otología

Otologie

Otologia

Ear Specula  
Ohrspekula  
Espéculos auriculares  
Spéculum auriculaires  
Specoli auricolari



**OT-010-01**

**Hartmann Ear Speculum**

Set of 3 Ref: OT-012-00 to OT-012-02



**OT-010-02**

**Hartmann Ear Speculum**

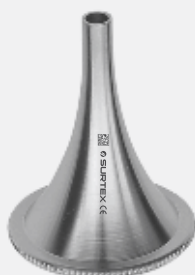
Set of 3 Ref: OT-012-02 to OT-012-04



**OT-010-03**

**Hartmann Ear Speculum**

Set of 4 Ref: OT-012-01 to OT-012-04



**OT-010-04**

**Hartmann Ear Speculum**

Set of 5 Ref: OT-012-00 to OT-012-04



**OT-012-00**

Fig. 0

Ø 3.0 mm



**OT-012-01**

Fig. 1

Ø 4.0 mm



**OT-012-02**

Fig. 2

Ø 5.0 mm



**OT-012-03**

Fig. 3

Ø 6.0 mm



**OT-012-04**

Fig. 4

Ø 7.0 mm



**Hartmann Ear Speculum**

Overall Length 3.6 cm (1 1/2")

Ear Specula  
Ohrspekula  
Espéculos auriculares  
Spéculums auriculaires  
Specoli auricolari

OT

OTOLOGY INSTRUMENTS



**OT-014-00**

Fig. 0

2.5 x 3.0 mm



**OT-014-01**

Fig. 1

4.5 x 5.5 mm



**OT-014-02**

Fig. 2

5.5 x 6.0 mm



**OT-014-03**

Fig. 3

6.5 x 7.0 mm



**OT-014-04**

Fig. 4

7.5 x 8.0 mm

### Hartmann Ear Speculum (Oval)

Overall Length 3.6 cm (1 ½")



**OT-020-01**

**Toynbee Ear Speculum**

Set of 3 Ref: OT-022-02 to OT-022-04



**OT-020-02**

**Toynbee Ear Speculum**

Set of 4 Ref: OT-022-01 to OT-022-04



**OT-022-01**

Fig. 1

Ø 4.0 mm



**OT-022-02**

Fig. 2

Ø 5.0 mm



**OT-022-03**

Fig. 3

Ø 6.0 mm



**OT-022-04**

Fig. 4

Ø 7.0 mm

### Toynbee Ear Speculum

Overall Length 3.6 cm (1 ½")



**OT-030-01**

**Hartmann Ear Speculum (Black)**

Set of 3 Ref: OT-032-00 to OT-032-02



**OT-030-02**

**Hartmann Ear Speculum (Black)**

Set of 3 Ref: OT-032-02 to OT-032-04

Ear Specula  
Ohrspekula  
Espéculos auriculares  
Spécuments auriculaires  
Specoli auricolari



**OT-030-03**

**Hartmann Ear Speculum (Black)**

Set of 4 Ref: OT-032-01 to OT-032-04



**OT-032-00**

Fig. 0

**OT-032-01**

Fig. 1

Ø 4.0 mm

**OT-032-02**

Fig. 2

Ø 5.5 mm

**OT-032-03**

Fig. 3

**OT-032-04**

Fig. 4

Ø 7.0 mm

**Hartmann Ear Speculum (Black)**

Overall Length 3.6 cm (1 ½")



**OT-040-01**

**Zoellner Ear Speculum (Black)**

Set of 6 Ref: OT-042-01 to OT-042-06



**OT-042-01**

Fig. 1

5.5 x 6.5 mm

**OT-042-02**

Fig. 2

6.5 x 7.5 mm

**OT-042-03**

Fig. 3

7.5 x 8.5 mm

**OT-042-04**

Fig. 4

8.5 x 9.5 mm

**OT-042-05**

Fig. 5

9.5 x 10.5 mm

**OT-042-06**

Fig. 6

10.5 x 11.5 mm

**Zoellner Ear Speculum (Black)**

Overall Length 3.8 cm (1 ½")

Ear Specula  
Ohrspekula  
Espéculos auriculares  
Spéculums auriculaires  
Specoli auricolari

**OT**
**OTOLOGY INSTRUMENTS**

**OT-050-01**
**Farrior Ear Speculum (Black)**

Set of 7 Ref: OT-052-01 to OT-052-07


**Farrior Ear Speculum (Black)**  
Overall Length 3.6 cm (1 ½")

**OT-052-01**

Fig. 1  
Ø 5.5 mm

**OT-052-02**

Fig. 2  
Ø 6.5 mm

**OT-052-03**

Fig. 3  
Ø 7.5 mm

**OT-052-04**

Fig. 4  
Ø 8.5 mm

**OT-052-05**

Fig. 5  
Ø 9.5 mm

**OT-052-06**

Fig. 6  
Ø 10.5 mm

**OT-052-07**

Fig. 7  
Ø 11.5 mm

**Farrior Ear Speculum**  
Oval/Oblique End

**OT-054-00**

Fig. 00  
3 x 4 mm

**OT-054-01**

Fig. 0  
4 x 5 mm

**OT-054-02**

Fig. 1  
5 x 6 mm

**OT-054-03**

Fig. 2  
6 x 7 mm

**OT-054-04**

Fig. 3  
7 x 8 mm

**OT-054-05**

Fig. 4  
8 x 10 mm

**OT-054-06**

Fig. 5  
9 x 11 mm

**OT-054-07**

Fig. 6  
10 x 12 mm

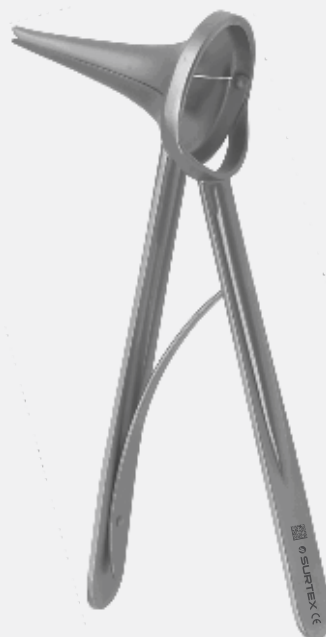
**OT-054-08**

Fig. 7  
11 x 13 mm

Ear Specula  
Ohrspekula  
Espéculos auriculares  
Spécuments auriculaires  
Specoli auricolari



**OT-060-12**  
**Rack for Storage of Ear Speculum**  
For 12 Specula



**Richnau-Holmgren Ear Speculum**

**OT-064-02**

Ø 3.0 mm

**OT-064-04**

Ø 4.0 mm

**OT-064-06**

Ø 5.0 mm



**OT-070-00**  
**Siegle Otoscope Complete**  
With 3 Specula Ref: OT-072-01 to OT-072-03



**OT-072-01**  
Fig. 1  
Ø 6.5 mm



**OT-072-02**  
Fig. 2  
Ø 7.0 mm



**OT-072-03**  
Fig. 3  
Ø 8.0 mm

**Siegle Ear Speculum**

Tuning Forks  
Stimmgabeln  
Diapasónes  
Diapasons  
Diapason

OT

OTOLOGY INSTRUMENTS



#### **OT-100-10**

##### **Hartmann Tuning Fork**

Set of 5

Ref: OT-102-03 to OT-102-05 and  
OT-104-04 to OT-104-05



#### **OT-100-20**

##### **Hartmann Tuning Fork**

Set of 6

Ref: OT-102-03 to OT-102-06 and  
OT-104-04 to OT-104-05



#### **OT-100-30**

##### **Hartmann Tuning Fork**

Set of 6

Ref: OT-102-03 to OT-102-06 and  
OT-104-04 to OT-104-05



#### **OT-102-01**

Frequency  
C 128



#### **OT-102-02**

Frequency  
C<sup>1</sup> 256



#### **OT-102-03**

Frequency  
C<sup>1</sup> 512



#### **OT-102-04**

Frequency  
C<sup>2</sup> 1024



#### **OT-102-05**

Frequency  
C<sup>3</sup> 2048



#### **OT-102-06**

Frequency  
C<sup>4</sup> 4096



#### **OT-102-60**

##### **Hartmann Tuning Fork**

Set of 6

Ref: OT-102-01 to OT-102-06

**Hartmann Tuning Fork**



Tuning Forks  
Stimmungsgabeln  
Diapasónes  
Diapasons  
Diapason



**OT-104-01**

Frequency  
C<sup>2</sup> 16



**OT-104-02**

Frequency  
C<sup>1</sup> 32



**OT-104-03**

Frequency  
C 64



**OT-104-04**

Frequency  
C 128



**OT-104-05**

Frequency  
C<sup>1</sup> 256

**Hartmann Tuning Fork (French)**



**OT-110-00**

Tuning Fork

Set of 5

Ref: OT-112-02 to OT-112-06

Tuning Forks  
Stimmgabeln  
Diapasónes  
Diapasons  
Diapason

OT

OTOLOGY INSTRUMENTS



**OT-112-02**  
Frequency  
C 128



**OT-112-03**  
Frequency  
C<sup>1</sup> 256



**OT-112-04**  
Frequency  
C<sup>2</sup> 512



**OT-112-05**  
Frequency  
C<sup>3</sup> 1024



**OT-112-06**  
Frequency  
C<sup>4</sup> 2048

Tuning Fork



**OT-122-01**  
Frequency  
C 128



**OT-122-02**  
Frequency  
C<sup>1</sup> 256



**OT-122-03**  
Frequency  
C<sup>2</sup> 512



**OT-122-04**  
Frequency  
C<sup>3</sup> 1024



**OT-122-05**  
Frequency  
C<sup>4</sup> 2048

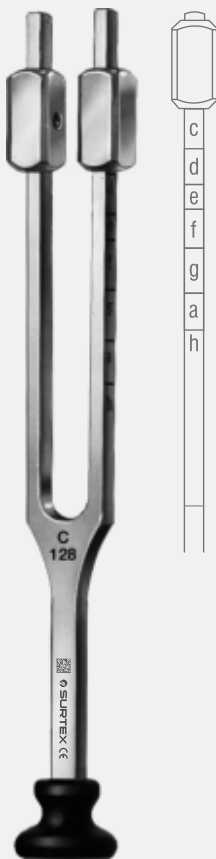


**OT-122-06**  
Frequency  
C<sup>5</sup> 4096

Lucae Tuning Fork



Tuning Forks  
Stimmgabeln  
Diapasónes  
Diapasons  
Diapason



**OT-126-00**  
**Lucae Tuning Fork**  
Moveable Up to h  
Frequency C 128



**OT-128-00**  
**Hartmann Tuning Fork**  
Moveable Up to h  
Frequency C 128



**OT-130-00**  
**Hartmann Tuning Fork**  
Frequency C<sup>1</sup> 256

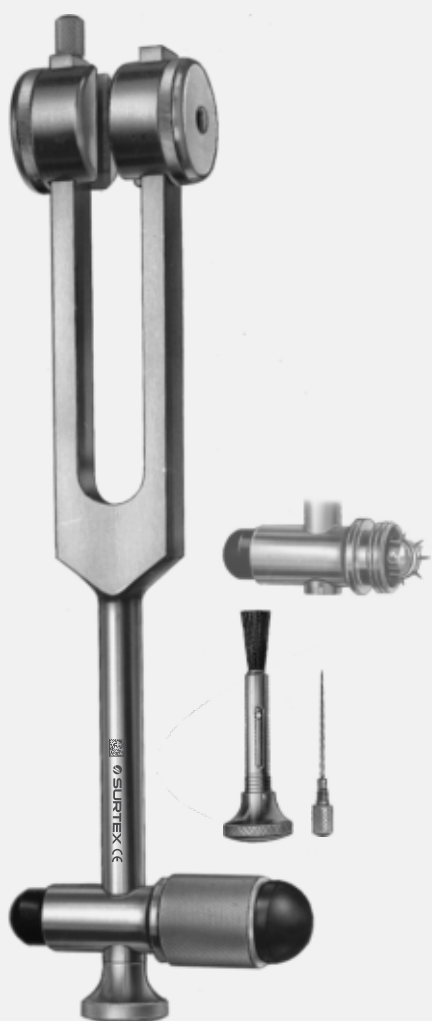


**OT-134-00**  
**Rydel-Seiffer Tuning Fork**  
Also For Neurology  
Frequency With Dampers C 64  
Frequency Without Dampers C 128

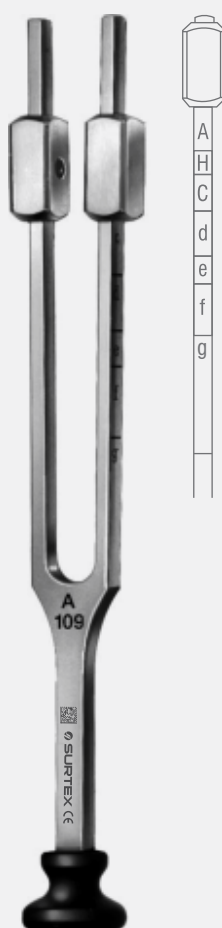
Tuning Forks  
Stimmgabeln  
Diapasónes  
Diapasons  
Diapason

OT

OTOLOGY INSTRUMENTS



**OT-136-00**  
**Neuro Tuning Fork**  
With Hammer, Pinwheel, Brush  
and Needle



**OT-138-00**  
**Koenig Tuning Fork**  
Moveable Up to g  
Frequency A 109



**OT-140-00**  
**Koenig Tuning Fork**  
Frequency a<sup>1</sup> 440

Ear Catheters, Polypus Snares  
Ohrkatheter, Polypenschnürer  
Sondas auriculares, Polipótomos  
Sondes auriculaires, Serre-noeuds  
Sonde auricolari, Serranodi



**OT-150-01**  
Fig. 1

**OT-150-02**  
Fig. 2

**OT-150-03**  
Fig. 3

**Hartmann Ear Catheter**  
Overall Length 15 cm (6")



**OT-161-18**  
**Krause Polypus Snare**  
Open Tip  
Overall Length 18.5 cm (7 1/4")



**OT-163-18**  
**Krause-Voss Polypus Snare**  
Close Tip  
Overall Length 18.5 cm (7 1/4")

Polypus Snares  
Polypenschnürer  
Polipótomos  
Serre-noeuds  
Serranodi

OT

OTOLOGY INSTRUMENTS



**OT-165-16**  
**Lange-Wilde Polypus Snare**  
Overall Length 16 cm (6 1/4")



**Snare Wire**  
Overall Length 100 cm (39 1/2")

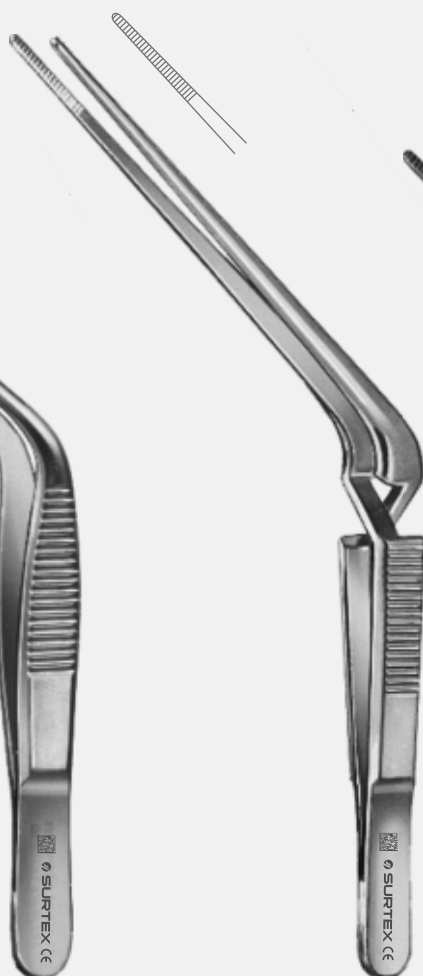
**OT-170-30**  
Ø 0.3 mm

**OT-170-40**  
Ø 0.4 mm

Ear Forceps  
Ohrpinzetten  
Pinzas auriculares  
Pincès auriculaires  
Pinze auricolari



**OT-201-11**  
**Troeltsch (Wilde) Ear Forcep**  
Overall Length 11 cm (4 3/4")



**OT-201-13**  
**Troeltsch (Wilde) Ear Forcep**  
Overall Length 12.5 cm (5")



**OT-203-11**  
**Troeltsch (Wilde) Ear Forcep**  
Overall Length 11 cm (4 3/4")

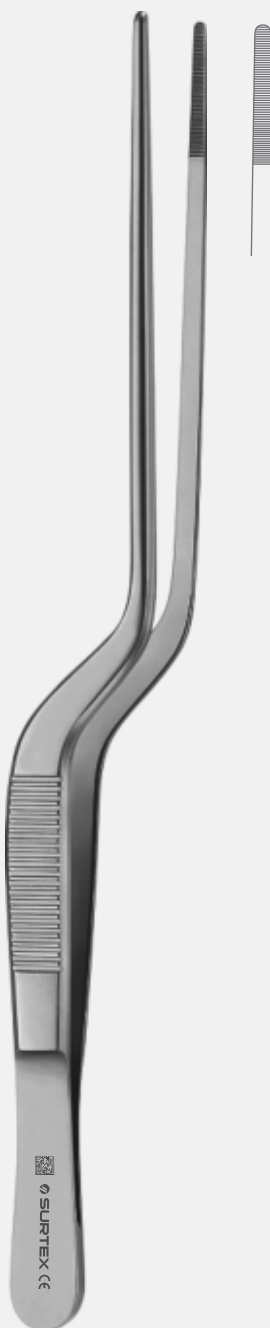
Ear Forceps  
Ohrpinzetten  
Pinzas auriculares  
Pincès auriculaires  
Pinze auricolari

OT

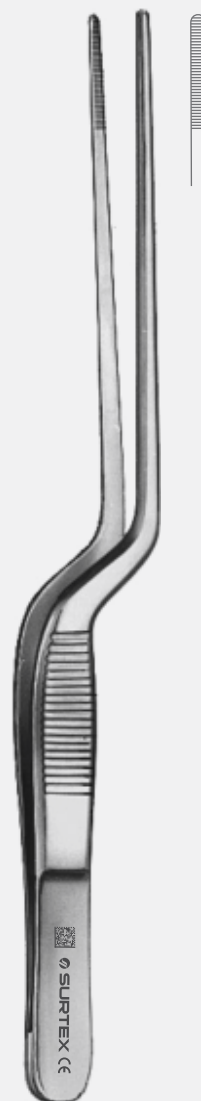
OTOLOGY INSTRUMENTS



**OT-205-11**  
**Troeltsch (Wilde) Ear Forcep**  
1 x 2 Teeth  
Overall Length 11 cm (4 3/4")



**OT-207-18**  
**Adson Ear Forcep**  
Bayonet Shaped  
Overall Length 17.5 cm (7")



**OT-211-14**  
**Gruenwald (Lucae) Ear Forcep**  
Bayonet Shaped  
Overall Length 14.5 cm (5 3/4")





Ear Forceps  
Ohrpinzetten  
Pinzas auriculares  
Pinces auriculaires  
Pinze auricolari



**OT-213-16**  
**Jansen Ear Forcep**  
Bayonet Shaped  
Overall Length 16 cm (6 1/4")



**OT-213-21**  
**Jansen Ear Forcep**  
Bayonet Shaped  
Overall Length 21.5 cm (8 1/2")



**OT-215-14**  
**Gruenwald (Lucae) Ear Forcep**  
1 x 2 Teeth, Bayonet Shaped  
Overall Length 14.5 cm (5 3/4")

Ear Polypus Forceps  
Ohrpolypenzangen  
Pinzas para pólipos auriculares  
Pincès pour polypes auriculaires  
Pinze per polipi auricolari

**OT**
**OTOLOGY INSTRUMENTS**

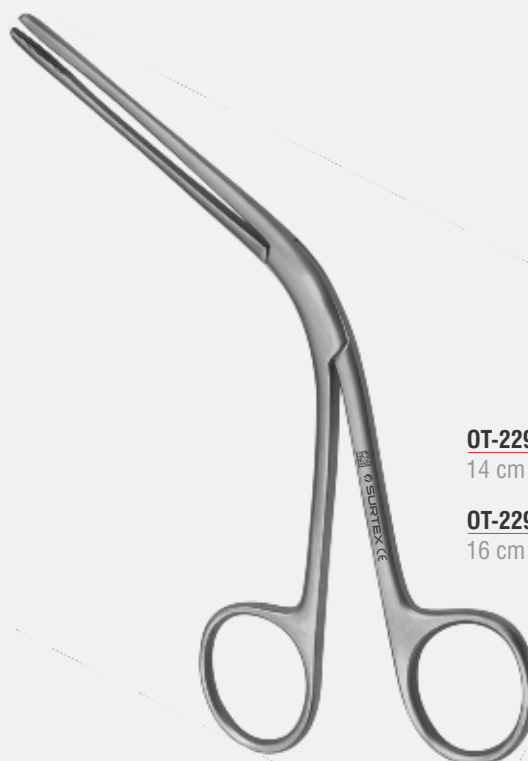

**OT-221-10**  
**Littauer Ear Polypus Forcep**  
Overall Length 10 cm (4")



**OT-223-12**  
**Hartmann Ear Polypus Forcep**  
Fine Model  
Overall Length 12 cm (4 3/4")



**OT-225-14**  
**Hartmann Ear Polypus Forcep**  
Regular Model  
Overall Length 14 cm (5 1/2")



**OT-229-14**  
14 cm (5 1/2")

**OT-229-16**  
16 cm (6 1/4")

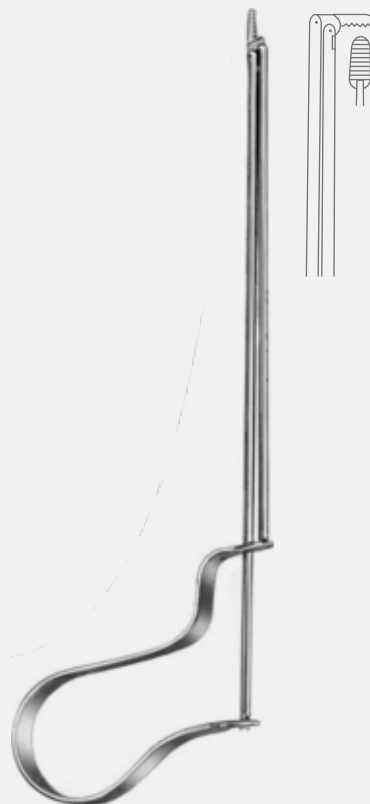
**Tilley Ear Polypus Forcep**



Foreign Body Forcep, Alligator Forcep  
Knopfsonden, Hohlsonden  
Sondas abotonadas, Sondas acanaladas  
Sondes boutonnées, Sondes cannelées  
Sonde a bottone, Sonde cannellate



**OT-235-11**  
**Buck Foreign Body Forcep**  
Overall Length 11.5 cm (4 1/2")



**OT-237-10**  
**Quire Foreign Body Forcep**  
Overall Length 10.5 cm (4")



**OT-251-08**  
**Hartmann-Wullstein Alligator Forcep**  
Overall Length 8.5 cm (3 1/4")



**OT-253-08**  
**Hartmann-Wullstein Alligator Forcep**  
Cup Size Ø 1.0 mm  
Overall Length 8.5 cm (3 1/4")

Alligator Forcep  
Hohlsonden  
Sondas acanaladas  
Sondes cannelées  
Sonde cannellate

OT

OTOLOGY INSTRUMENTS



**Hartmann Alligator Forcep**  
Serrated Jaws



**OT-255-08**  
8.5 cm (3 1/4")



**OT-255-14**  
14 cm (5 1/2")



**OT-255-16**  
16 cm (6 1/4")



**Hartmann Alligator Forcep**  
1 x 2 Teeth, Serrated Jaws



**OT-257-08**  
8.5 cm (3 1/4")



**OT-257-14**  
14 cm (5 1/2")



Ear Polypus Forceps  
Ohrpolypenzangen  
Pinzas para pólipos auriculares  
Pinces pour polypes auriculaires  
Pinze per polipi auricolari



  
**OT-261-20**  
Ø 2.0 mm

  
**OT-261-25**  
Ø 2.5 mm

  
**OT-261-30**  
Ø 3.0 mm

**Hartmann Alligator Forcep**  
Cup Shaped  
Overall Length 8.5 cm (3 1/4")



**OT-262-25**  
**Hartmann Alligator Forcep**  
Ø 2.5 mm, Cup Shaped  
Overall Length 14 cm (5 1/2")



  
**OT-263-20**  
Ø 2.5 mm

  
**OT-263-30**  
Ø 3.0 mm

**Hartmann Alligator Forcep**  
Bent Upwards, Cup Shaped  
Overall Length 8.5 cm (3 1/4")

Ear Polypus Forceps  
Ohrpolypenzangen  
Pinzas para pólipos auriculares  
Pinces pour polypes auriculaires  
Pinze per polipi auricolari



OT

OTOLOGY INSTRUMENTS



Ear Polypus Forceps  
Ohrpolypenzangen  
Pinzas para pólipos auriculares  
Pinces pour polypes auriculaires  
Pinze per polipi auricolari

**OT-273-08**

**Hartmann Alligator Forcep**

2 x 7 mm  
Oval Cup Shaped Jaws  
Overall Length 8.5 cm (3 1/4")



**McGee Micro Alligator Forcep**

Overall Length 8 cm (3")



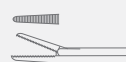
**Mini-McGee Micro Alligator Forcep**

Overall Length 8 cm (3")



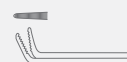
**OT-281-08**

Smooth, Straight  
4.0 x 0.8 mm



**OT-283-08**

Serrated, Straight  
4.0 x 0.8 mm



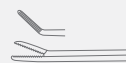
**OT-285-08**

Serrated  
Bent Upwards  
4.0 x 0.8 mm



**OT-287-08**

Serrated, Right  
4.0 x 0.8 mm



**OT-289-08**

Serrated, Left  
4.0 x 0.8 mm



**OT-291-08**

Smooth, Straight  
3.5 x 0.6 mm



**OT-293-08**

Serrated, Straight  
3.5 x 0.6 mm

Ear Polypus Forceps  
Ohrpolypenzangen  
Pinzas para pólipos auriculares  
Pinces pour polypes auriculaires  
Pinze per polipi auricolari



**Micro Alligator Forcep**  
Overall Length 8 cm (3")



**Micro Alligator Forcep**  
Cup Shaped  
Overall Length 8 cm (3")



**OT-301-08**  
Smooth, Straight  
4.0 x 0.6 mm



**OT-303-08**  
Serrated, Straight  
4.0 x 0.6 mm



**OT-305-08**  
Serrated, Bent  
Upwards  
4.0 x 0.6 mm



**OT-307-08**  
Serrated, Right  
4.0 x 0.6 mm



**OT-309-08**  
Serrated, Left  
4.0 x 0.6 mm



**OT-311-08**  
Straight  
Cup Size  
1.0 x 0.9 mm  
Jaw Size  
4.0 mm



**OT-313-08**  
Bent Upwards  
Cup Size  
1.0 x 0.9 mm  
Jaw Size  
4.0 mm



**OT-315-08**  
Right  
Cup Size  
1.0 x 0.9 mm  
Jaw Size  
4.0 mm



**OT-317-08**  
Left  
Cup Size  
1.0 x 0.9 mm  
Jaw Size  
4.0 mm



**OT-321-08**  
Straight  
Cup Size  
0.6 x 0.5 mm  
Jaw Size  
3.5 mm



**OT-323-08**  
Bent Upwards  
Cup Size  
0.6 x 0.5 mm  
Jaw Size  
3.5 mm



**OT-325-08**  
Right  
Cup Size  
0.6 x 0.5 mm  
Jaw Size  
3.5 mm



**OT-327-08**  
Left  
Cup Size  
0.6 x 0.5 mm  
Jaw Size  
3.5 mm

OT

OTOLOGY INSTRUMENTS





Micro Scissors  
Mikroscheren  
Micro-Tijeras  
Micro-Ciseaux  
Micro-Forbici

**Bellucci Micro Scissor**  
Overall Length 8 cm (3")



**OT-331-08**  
Straight  
Very Fine  
4.0 x 0.8 mm



**OT-333-08**  
Bent Upwards  
Very Fine  
4.0 x 0.8 mm



**OT-335-08**  
Right  
Very Fine  
4.0 x 0.8 mm



**OT-337-08**  
Left  
Very Fine  
4.0 x 0.8 mm

**Wullstein Micro Scissor**  
Overall Length 8 cm (3")



**OT-341-08**  
Straight  
4.0 x 1.8 mm



**OT-343-08**  
Bent Upwards  
4.0 x 1.8 mm



**OT-345-08**  
Right  
4.0 x 1.8 mm



**OT-347-08**  
Left  
4.0 x 1.8 mm

Micro Scissors, Micro Ear Forceps  
Mikroscheren, Mikro-Ohrzängchen  
Micro-Tijeras, Micro pinzas auriculares  
Micro-Ciseaux, Micro Pince auriculaires  
Micro-Forbici, Micro Pinze auricolari

**OT**
**OTOLOGY INSTRUMENTS**

**Shea Micro Scissor**  
Overall Length 8 cm (3")



**OT-351-08**  
Straight  
7.0 x 1.8 mm



**OT-355-08**  
Right  
7.0 x 1.8 mm



**OT-357-08**  
Left  
7.0 x 1.8 mm

**McGee Wire Bending Forcep**  
Bent Downwards  
Overall Length 8 cm (3")



**OT-361-01**  
3.5 x 0.8 mm



**OT-361-02**  
6.2 x 0.8 mm

**House-Dieter Malleus Nipper**  
Overall Length 8 cm (3")



**OT-365-01**  
Up Cutting  
1.3 mm



**OT-365-02**  
Down Cutting  
1.3 mm



**OT-365-03**  
Right Cutting  
1.3 mm



**OT-365-04**  
Left Cutting  
1.3 mm



**OT-367-08**  
**Fuller Introducing Forcep**  
For Teflon Prosthesis  
Overall Length 8 cm (3")





Micro Ear Knives  
Mikro-Ohrmesser  
Micro cuchillos auriculares  
Micro Couteaux auriculaires  
Micro Coltelli



**OT-401-01**

**Schuknecht Rotary Knife**  
Overall Length 15 cm (6")



**OT-401-02**



**OT-403-15**  
**Schuknecht Sickle Knife**  
Overall Length 14.5 cm (5 3/4")



**OT-405-15**  
**Wullstein Sickle Knife**  
Overall Length 15.5 cm (6")



**OT-407-15**  
**Tabb Mucosa Knife**  
Overall Length 15.5 cm (6")

Micro Ear Knives  
Mikro-Ohrmesser  
Micro cuchillos auriculares  
Micro Couteaux auriculaires  
Micro Coltelli

OT

OTOLOGY INSTRUMENTS



**OT-409-15**  
**Plester Flap Knife**  
Overall Length 15 cm (6")



**OT-413-16**  
**Fisch Tenotome (Sickle Shaped)**  
Extra Delicate  
Overall Length 16 cm (6 1/4")



**OT-415-15**  
**Plester Sickle Knife**  
Overall Length 15 cm (6")



**OT-417-15**  
**Sexton Myringotomy Knife**  
Overall Length 15 cm (6")

Micro Ear Knives  
Mikro-Ohrmesser  
Micro cuchillos auriculares  
Micro Couteaux auriculaires  
Micro Coltelli



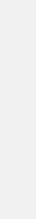
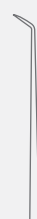
**OT-419-16**  
**Sexton Tympanum Knife**  
Overall Length 16 cm (6 1/4")



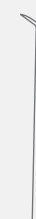
**OT-420-03**  
**Rosen Circular Cut Knife**  
Fig. 3, Ø 2.6 mm  
Overall Length 15 cm (6")



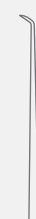
**OT-421-01**  
Ø 3.0 mm  
Fig. 1



**OT-421-02**  
Ø 2.8 mm  
Fig. 2



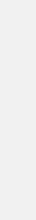
**OT-421-03**  
Ø 2.6 mm  
Fig. 3



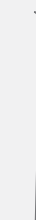
**OT-421-04**  
Ø 2.0 mm  
Fig. 4



**OT-421-05**  
Ø 1.6 mm  
Fig. 5



**OT-421-06**  
Ø 1.4 mm  
Fig. 6



**OT-421-07**  
Ø 1.0 mm  
Fig. 7

**Rosen Circular Cut Knife**  
Overall Length 15 cm (6")

Micro Ear Hooks  
 Mikro-Ohrhäkchen  
 Micro ganchitos auriculares  
 Micro Crochets auriculaires  
 Micro Uncini auricolari

**OT**

OTOTOLOGY INSTRUMENTS


**OT-422-03**

Ø 0.3 mm

**OT-422-04**

Ø 0.4 mm

**OT-422-05**

Ø 0.5 mm

**OT-422-06**

Ø 0.5 mm

**OT-422-07**

Ø 0.7 mm

**OT-422-08**

Ø 0.8 mm


**OT-440-16**
**Plester Wire Guide and Applicator**

For Prothesis Flat End With V-Notch

Overall Length 15.5 cm (6")

**Fisch Footplate Perforator**

Trocar Shaped

Overall Length 16 cm (6 1/4")



Micro Ear Hooks  
Mikro-Ohrhäkchen  
Micro ganchitos auriculares  
Micro Crochets auriculaires  
Micro Uncini auricolari



**Barbara Micro Ear Needle**  
Overall Length 16 cm (6 1/4")

**OT-450-16**  
Straight

**OT-453-16**  
Medium Curved

**OT-451-16**  
Angled

**OT-455-16**  
Strongly Curved



**Barbara Micro Ear Needle**  
Angled 25°  
Overall Length 16 cm (6 1/4")

**OT-459-03**  
0.3 mm

**OT-459-06**  
0.6 mm

**OT-459-10**  
1.0 mm



**Barbara Micro Ear Needle**  
Angled 45°  
Overall Length 16 cm (6 1/4")

**OT-461-03**  
0.3 mm

**OT-461-06**  
0.6 mm

**OT-461-10**  
1.0 mm

**OT-461-12**  
1.2 mm

**OT-461-15**  
1.5 mm

**OT-461-20**  
2.0 mm

**OT-461-25**  
2.5 mm

Micro Ear Hooks, Micro Ear Needles  
Mikro-Ohrhäkchen, Mikro-Ohrnadeln  
Micro ganchitos auriculares, Micro agujas auriculares  
Micro Crochets auriculaires, Micro Aiguilles auriculaires  
Micro Uncini auricolari, Micro Aghi auricolari

**OT**

OTOLGY INSTRUMENTS



**OT-463-03**  
0.3 mm

**OT-463-06**  
0.6 mm

**OT-463-10**  
1.0 mm

**OT-463-12**  
1.2 mm

**OT-463-15**  
1.5 mm

**OT-463-20**  
2.0 mm

**OT-463-25**  
2.5 mm

**Barbara Micro Ear Needle**  
Angled 90°  
Overall Length 16 cm (6 ¼")



**OT-465-05**  
0.5 mm

**OT-465-10**  
1.0 mm

**Barbara Micro Ear Needle**  
Curved Down  
Overall Length 16 cm (6 ¼")



**OT-467-03**  
0.3 mm

**OT-467-06**  
0.6 mm

**OT-467-10**  
1.0 mm

**Micro Ear Needle**  
Angled 90°  
Overall Length 15.5 cm (6")





Micro Ear Needles  
Mikro-Ohrnadeln  
Micro agujas auriculares  
Micro Aiguilles auriculaires  
Micro Aghi auricolari



**OT-469-03**

0.3 mm

**OT-469-06**

0.6 mm

**OT-469-10**

1.0 mm

**Micro Ear Needle**  
Angled 90°  
Overall Length 15.5 cm (6")



**OT-473-05**

0.5 mm

**OT-473-10**

1.0 mm

**McGee Micro Ear Needle**  
For Footplate  
Overall Length 15.5 cm (6")



**OT-475-05**

0.5 mm

**OT-475-10**

1.0 mm

**McGee Micro Ear Needle**  
For Footplate  
Overall Length 15.5 cm (6")

Micro Ear Needles  
Mikro-Ohrnadeln  
Micro agujas auriculares  
Micro Aiguilles auriculaires  
Micro Aghi auricolari

**OT**
**OTOLOGY INSTRUMENTS**


**McGee Micro Ear Needle**  
Overall Length 15.5 cm (6")



**McGee Micro Ear Needle**  
Angled 25°, Upwards  
Overall Length 15.5 cm (6")



**McGee Micro Ear Needle**  
Angled 25°, Downwards  
Overall Length 15.5 cm (6")



Micro Ear Needles  
Mikro-Ohrnadeln  
Micro agujas auriculares  
Micro Aiguilles auriculaires  
Micro Aghi auricolari



**OT-485-03**

0.3 mm

**OT-485-06**

0.6 mm

**OT-485-10**

1.0 mm

**Micro Ear Needle**  
Angled 45°, Upwards  
Overall Length 15.5 cm (6")



**OT-487-03**

0.3 mm

**OT-487-06**

0.6 mm

**OT-487-10**

1.0 mm

**Micro Ear Needle**  
Angled 45°, Downwards  
Overall Length 15.5 cm (6")



**OT-491-03**

0.3 mm

**OT-491-06**

0.6 mm

**Micro Ear Needle**  
Angled 25°  
Overall Length 15.5 cm (6")

Micro Ear Needles, Micro Ear Hooks  
Mikro-Ohrnadeln, Mikro-Ohrhäkchen  
Micro agujas auriculares, Micro ganchitos auriculares  
Micro Aiguilles auriculaires, Micro Crochets auriculaires  
Micro Aghi auricolari, Micro Uncini auricolari

**OT**
**OTOLOGY INSTRUMENTS**


**OT-491-10**  
**Shambaugh Micro Ear Needle**  
Angled 25°, 1.0 mm  
Overall Length 15.5 cm (6")



**OT-493-03**

0.3 mm

**OT-493-06**

0.6 mm

**Micro Ear Needle**  
Angled 45°, Downwards  
Overall Length 15.5 cm (6")



**OT-493-10**  
**Shambaugh Micro Ear Needle**  
Angled 45°, 1.0 mm  
Overall Length 15.5 cm (6")



**OT-497-20**  
**Shea Exploring Hook**  
Angled 45°, Blunt, 2.0 mm  
Overall Length 15.5 cm (6")



Micro Dissectors  
Mikro-Dissektoren  
Micro disecadores  
Micro Dissecteurs  
Micro Dissettori



**OT-501-30**  
**Austin Attic Dissector**  
Angled 90°, Blunt 3.0 mm  
Overall Length 15.5 cm (6")



**OT-502-15**  
**Plester Guiding Fork**  
Overall Length 15.5 cm (6")



**OT-503-01**  
**Hughes Elevator**  
With 0.7 mm  
Overall Length 16.5 cm (6 1/2")



**OT-503-02**  
**Beales Elevator**  
With 1.5 mm  
Overall Length 16.5 cm (6 1/2")



**Fisch Micro Dissector**  
Overall Length 15.5 cm (6")



**OT-505-01**  
Angled to Right



**OT-505-02**  
Angled to Left



**OT-505-03**  
Angled to Right



**OT-505-04**  
Angled to Left



**Guilford-Wright Duckbill Elevator**  
Overall Length 15.5 cm (6")

**OT-507-02**  
2.0 mm

**OT-507-03**  
3.0 mm



**Rosen Micro Periosteal Elevator**  
Overall Length 15.5 cm (6")



**OT-509-01**



**OT-509-02**



**OT-509-03**

Micro Curettes, Micro Dissectors, Micro Measuring Rods  
Mikro-Küretten, Mikro-Dissektoren, Mikro-Messsonden  
Micro cucharillas, Micro disecadores, Micro Sondas para medir  
Micro Curettes, Micro Dissecteurs, Micro Sondes pour mesurer  
Micro cucchiari, Micro Dissettori, Micro Sonde per misurare

OT

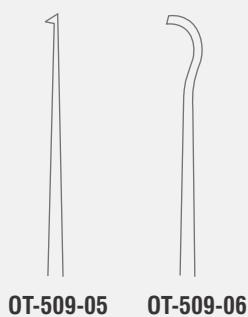
OTOLOGY INSTRUMENTS



**OT-509-04**  
**Rosen Micro Curette**  
Overall Length 15.5 cm (6")



**Rosen Micro Dissector**  
Overall Length 15.5 cm (6")

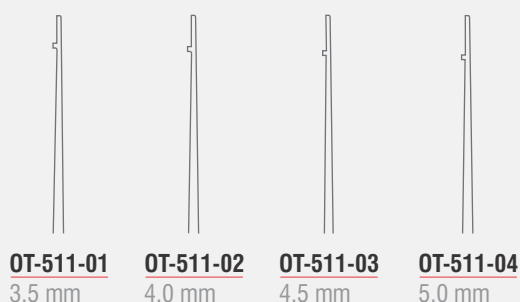


**OT-509-05**

**OT-509-06**



**House Micro Measuring Rod**  
Overall Length 15.5 cm (6")



**OT-511-01**  
3.5 mm

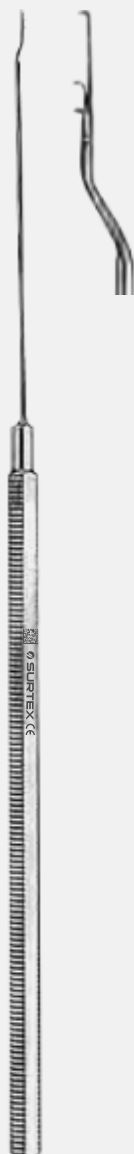
**OT-511-02**  
4.0 mm

**OT-511-03**  
4.5 mm

**OT-511-04**  
5.0 mm



Micro Measuring Rods  
Mikro-Messsonden  
Micro Sondas para medir  
Micro Sondes pour mesurer  
Micro Sonde per misurare



**OT-512-16**  
**Micro Measuring Rod**  
For Stapes Prosthesis  
With Marking at 3.5, 4.0 and 4.5 mm  
Overall Length 15.5 cm (6")



**OT-513-16**  
**Fisch Measuring Rod**  
With Marking at 3, 4, 5 mm  
Overall Length 16 cm (6 1/2")



**Buckingham Chisel**  
Overall Length 18 cm (7")



Micro Curettes  
Mikro-Küretten  
Micro cucharillas  
Micro Curettes  
Micro cucchiari

OT

OTOLOGY INSTRUMENTS



**OT-517-01**  
Left



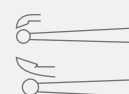
**OT-517-02**  
Right



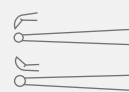
**Dingmann Otobrader**  
With Two Rows of 10 Fine Teeth  
Overall Length 15 cm (6")



**OT-520-01**  
Straight  
1.0 mm, 1.2 mm



**OT-520-02**  
Straight  
1.5 mm, 1.8 mm



**OT-520-03**  
Angled  
1.0 mm, 1.2 mm



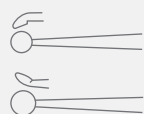
**OT-520-04**  
Angled  
1.5 mm, 1.8 mm

**House Micro Ear Curette**  
Overall Length 14.5 cm (5 3/4")



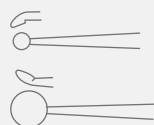


Micro Curettes  
Mikro-Küretten  
Micro cucharillas  
Micro Curettes  
Micro cucchiari



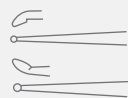
**OT-521-01**

2.8 mm x 3.2 mm & 2.6 x 3.5 mm



**OT-521-02**

2.2 mm x 3.8 mm & 2.8 x 4.8 mm



**OT-521-03**

0.6 mm x 0.8 mm & 0.8 x 1.0 mm

**House Micro Ear Curette**

Overall Length 14.5 cm (5 ¾")



**OT-525-14**

**Shea Micro Ear Curette**

Overall Length 14.5 cm (5 ¾")

Micro Ear Needles  
Mikro-Ohrnadeln  
Micro agujas auriculares  
Micro Aiguilles auriculaires  
Micro Aghi auricolari

**OT**

OTOLGY INSTRUMENTS



|                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|    |    |    |    |  |
| <b>OT-535-01</b><br>Straight                                                        | <b>OT-535-02</b><br>Angled 45°<br>Upwards<br>0.5 mm                                 | <b>OT-535-03</b><br>Angled 45°<br>Upwards<br>1.0 mm                                 | <b>OT-535-04</b><br>Angled 45°<br>Downwards<br>0.5 mm                                 | <b>OT-535-05</b><br>Angled 45°<br>Downwards<br>1.0 mm                               |
|  |  |  |  |                                                                                     |
| <b>OT-535-06</b><br>Angled 90°<br>Upwards<br>0.5 mm                                 | <b>OT-535-07</b><br>Angled 90°<br>Downwards<br>0.5 mm                               | <b>OT-535-08</b><br>For<br>Footplate<br>1.0 mm                                      | <b>OT-535-09</b><br>For<br>Footplate<br>1.0 mm                                        |                                                                                     |

**Zoellner Micro Ear Needle**  
Overall Length 13.5 cm (5 1/2")



Micro Ear Knives  
Mikro-Ohrmesser  
Micro cuchillos auriculares  
Micro Couteaux auriculaires  
Micro Coltelli



**Zoellner Ear Knife**  
Overall Length 13.5 cm (5 1/2")



**Zoellner Micro Ear Knife**  
Overall Length 13.5 cm (5 1/2")



Micro Ear Needles  
Mikro-Ohrnadeln  
Micro agujas auriculares  
Micro Aiguilles auriculaires  
Micro Aghi auricolari

OT

OTOLOGY INSTRUMENTS



**Zoellner Tympanum Needle**  
Overall Length 13.5 cm (5 1/2")



**Zoellner Raspatory**  
Overall Length 13.5 cm (5 1/2")



Ear Currettes  
Ohrküretten  
Curetas auriculares  
Curettes auriculaires  
Curette auricolari



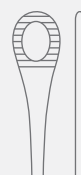
**OT-535-17**  
**Zoellner Application Instrument**  
Standard



**OT-551-13**  
**Langenbeck Ear Curette**  
Blunt  
Overall Length 13 cm (5")



**OT-555-01**  
Fig. 1



**OT-555-02**  
Fig. 2

**Shapleigh Ear Curette**  
Overall Length 15 cm (6")

Ear Cures  
Ohrküretten  
Curetas auriculares  
Curettes auriculaires  
Curette auricolari

OT

OTOLOGY INSTRUMENTS



**OT-570-01**  
Fig. 000



**OT-570-02**  
Fig. 00



**OT-570-10**  
Fig. 0



**OT-570-11**  
Fig. 1



**OT-570-12**  
Fig. 2



**OT-570-13**  
Fig. 3



**OT-570-14**  
Fig. 4

**Buck Ear Curette**  
Straight, Blunt  
Overall Length 17 cm (6 3/4")



**OT-571-01**  
Fig. 000



**OT-571-02**  
Fig. 00



**OT-571-10**  
Fig. 0



**OT-571-11**  
Fig. 1



**OT-571-12**  
Fig. 2



**OT-571-13**  
Fig. 3



**OT-571-14**  
Fig. 4

**Buck Ear Curette**  
Angled, Blunt  
Overall Length 17 cm (6 3/4")



Ear Currettes  
Ohrküretten  
Curetas auriculares  
Curettes auriculaires  
Curette auricolari



**Buck Ear Curette**  
Straight, Sharp  
Overall Length 17 cm (6 3/4")



**OT-572-01**  
Fig. 000



**OT-572-02**  
Fig. 00



**OT-572-10**  
Fig. 0



**OT-572-11**  
Fig. 1



**OT-572-12**  
Fig. 2



**OT-572-13**  
Fig. 3



**OT-572-14**  
Fig. 4



**OT-573-01**  
Fig. 000



**OT-573-02**  
Fig. 00



**OT-573-10**  
Fig. 0



**OT-573-11**  
Fig. 1



**OT-573-12**  
Fig. 2



**OT-573-13**  
Fig. 3



**OT-573-14**  
Fig. 4



**Buck Ear Curette**  
Angled, Sharp  
Overall Length 17 cm (6 3/4")

Foreign Body Instruments  
Fremdkörperinstrumente  
Instrumentos para cuerpos extraños  
Instruments pour corps étrangers  
Strumenti per corpi estranei

OT

OTOLOGY INSTRUMENTS



**OT-576-15**  
**Jansen Ear Scoop**  
Sharp  
Overall Length 17 cm (6 3/4")



**OT-580-18**  
**Barth Ear Scoop**  
Sharp  
Overall Length 18 cm (7")



**OT-583-13**  
**Gross Ear Scoop / Hook**  
Blunt  
Overall Length 13 cm (5")



**Lempert Ear Scoop**  
Sharp  
Overall Length 21.5 cm (8 1/2")

○  
**OT-600-10**  
Fig. 0

○  
**OT-600-20**  
Fig. 00

○  
**OT-600-30**  
Fig. 000

○  
**OT-600-40**  
Fig. 0000

○  
**OT-600-50**  
Fig. 00000



Foreign Body Instruments  
Fremdkörperinstrumente  
Instrumentos para cuerpos extraños  
Instruments pour corps étrangers  
Strumenti per corpi estranei



**FiberGrip™ Lempert Ear Scoop**  
Sharp  
Overall Length 21.5 cm (8 ½")



**OT-610-10**  
Fig. 0

**OT-610-20**  
Fig. 00

**OT-610-30**  
Fig. 000

**OT-610-40**  
Fig. 0000

**OT-610-50**  
Fig. 00000



**OT-650-01**  
**Weber-Loch Ear Loop**  
Overall Length 16.5 cm (6 ¼")



**Billeau Ear Loop**  
Overall Length 16 cm (6 ¼")

**OT-660-01**

**OT-660-02**

**OT-660-03**



Ear Hooklet  
Ohrhäkchen  
Ganchito auricular  
Levier pour corps étrangers  
Uncino auricolare

OT

OTOLOGY INSTRUMENTS



**OT-671-16**  
**Hartmann Ear Hook**  
Sharp  
Overall Length 16 cm (6 ¼")



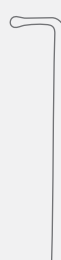
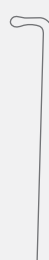
**Lucae Ear Hook**  
Overall Length 14 cm (5 ½")



**OT-673-01**  
Small



**OT-673-02**  
Medium



**OT-673-03**  
Large



**Wagener Ear Hook**  
Overall Length 14 cm (5 ½")



**OT-675-01**  
2.0 mm  
Fig. 1



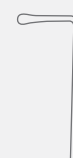
**OT-675-02**  
2.5 mm  
Fig. 2



**OT-675-03**  
3.0 mm  
Fig. 3



**OT-675-04**  
3.5 mm  
Fig. 4



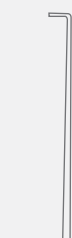
**OT-675-05**  
4.0 mm  
Fig. 5



Ear Hooklet  
Ohrhäkchen  
Ganchito auricular  
Lever pour corps étrangers  
Uncino auricolare



**Day Ear Hook**  
Overall Length 17 cm (6 <sup>3</sup>/<sub>4</sub>" )



**OT-677-01**  
Long



**OT-677-02**  
Short

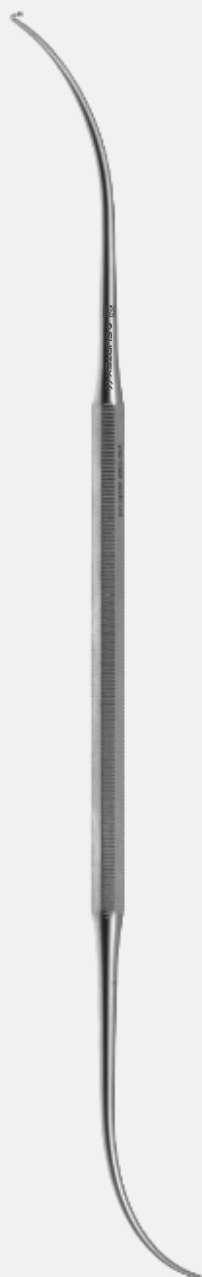


**OT-679-16**  
**Seeker**  
With Ball Probe, Angled 45°  
Overall Length 15.5 cm (6")

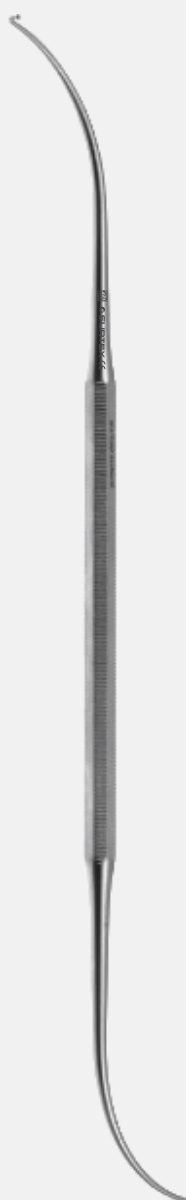


**OT-681-19**  
**Maxillary Ostium Sinus Seeker**  
With Ball Probe, Double Ended  
Ø 1.2 and 2.0 mm  
Overall Length 15.5 cm (6")

Ear Hooklet  
Ohrhäkchen  
Ganchito auricular  
Levier pour corps étrangers  
Uncino auricolare

**OT**
**OTOLOGY INSTRUMENTS**

**OT-683-01**
**Sinus Seeker**

Straight, Malleable Double Ended Fig. 1  
One Tip with Ball End Other Tip without  
Ball End & Blunt  
Overall Length 24 cm (9 ½")


**Kuhn Frontal Sinus Seeker**

Double Ended,  
Overall Length 22 cm (8")

**OT-683-02**

Fig. 2, Both Sides Curved 90°  
One Tip Straight Other Tip Reverse Angled

**OT-683-03**

Fig. 3, Both Sides Curved 77°  
Other Side Curved 90° Both Tips Forward Angled

**OT-683-04**

Fig. 4, Both Sides Curved 90°  
Tips Angled Right and Left

**OT-683-05**

Fig. 5, Both Sides Curved 77°  
tips Angled Right and Left

**OT-683-06**

Fig. 6, Both Sides Curved 77°  
One Tip Straight, Other Tip Reverse Angled



Tympanum Needles  
Trommelfellnadeln  
Agujas para tímpano  
Instruments pour corps étrangers  
Strumenti per corpi estranei

**OT-701-16**  
**Politzer Furuncle Knife**  
Overall Length 14.5 cm (5 3/4")

**OT-704-16**  
**Politzer Tympanum Needle**  
Overall Length 17.5 cm (7")

**OT-707-16**  
15.5 cm (6")

**OT-709-16**  
16 cm (6 1/4")

**Politzer Tympanum Needle**

Tympanum Needles  
 Trommelfellnadeln  
 Aguja para tímpano  
 Instruments pour corps étrangers  
 Strumenti per corpi estranei

**OT**

OTOTOLOGY INSTRUMENTS



**Lucae Tympanum Needle**  
 Overall Length 17.5 cm (7")



**OT-721-16**  
**Moldenhauer Foreign Body Lever**  
 Overall Length 15.5 cm (6")



**OT-723-16**  
**Zaufal Foreign Body Lever**  
 Overall Length 15 cm (6")



Mastoid Rongeurs  
Ohr-Knochenstanzen  
Pinzas cortantes para huesos  
Ostéotomes emporte-pièces  
Pinze osteotomi



**Lempert Periosteal Elevator**



**OT-727-20**  
6.0 mm  
20.5 cm (8")



**OT-729-18**  
6.0 mm  
18 cm (7")



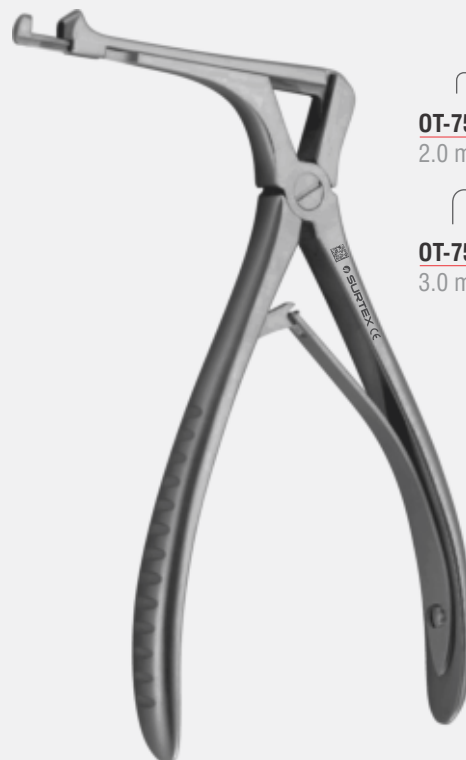
**Lempert Periosteal Elevator**  
Overall Length 17 cm (6 3/4")

**OT-731-02**  
2.0 mm

**OT-731-03**  
3.0 mm

**OT-731-04**  
4.0 mm

**OT-731-05**  
5.0 mm



**Citelli Mastoid Rongeur**  
Overall Length 17 cm (6 3/4")

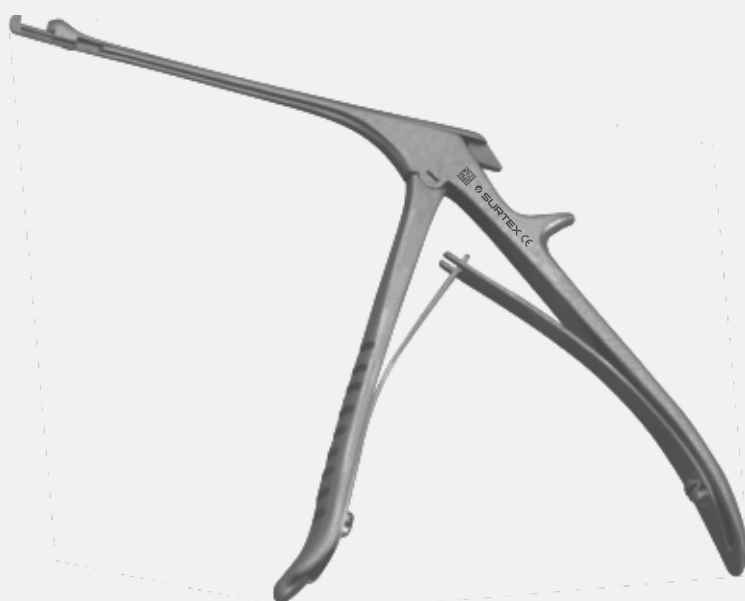
**OT-751-02**  
2.0 mm

**OT-751-03**  
3.0 mm

Mastoid Rongeurs, Ear Syringes  
Ohr-Knochenstanzen, Ohrspritzen  
Pinzas cortantes para huesos, Jeringas auriculares  
Ostéotomes emporte-pièces, Seringues auriculaires  
Pinze osteotomi, Siringhe auricolari

OT

OTOLOGY INSTRUMENTS



**Beyer Mastoid Rongeur**

∩  
**OT-755-19**  
2.0 mm  
19 cm (7 ½")

∩  
**OT-759-14**  
1.0 mm  
14 cm (5 ½")



**OT-800-00**  
50 ml

**OT-802-00**  
100 ml



**Ear Syringe Complete**  
With Protection Disk and 2 Tips







RH

## RHINOLOGY INSTRUMENTS

Rhinologie

Rinología

Rhinologie

Rinologia



Nasal Specula  
Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali



**RH-011-10**  
**Thudichum Nasal Speculum**  
Set of 3 Ref: RH-012-01 to RH-012-03



**RH-011-20**  
**Thudichum Nasal Speculum**  
Set of 4 Ref: RH-012-01 to RH-012-04



**RH-011-30**  
**Thudichum Nasal Speculum**  
Set of 3 Ref: RH-012-05 to RH-012-07



**RH-011-40**  
**Thudichum Nasal Speculum**  
Set of 7 Ref: RH-012-01 to RH-012-07

Nasal Specula  
Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali

RH

RHINOLOGY INSTRUMENTS



**RH-013-01**  
12 mm  
Fig. 1

**RH-013-03**  
16.5 mm  
Fig. 3

**RH-013-05**  
20.5 mm  
Fig. 5

**RH-013-07**  
23 mm  
Fig. 7



**RH-013-02**  
14 mm  
Fig. 2

**RH-013-04**  
18.5 mm  
Fig. 4

**RH-013-06**  
22 mm  
Fig. 6

Thudichum Nasal Speculum



**RH-017-01**  
Fig. 1

**RH-017-02**  
Fig. 2

**RH-017-03**  
Fig. 3

Voltolini Nasal Speculum



**RH-021-10**  
Mod. Vienna Nasal Speculum  
Set of 3 Ref: RH-023-01 to RH-023-03



**RH-023-01**  
27 mm  
Fig. 1

**RH-023-02**  
31 mm  
Fig. 2

**RH-023-03**  
35 mm  
Fig. 3

Mod. Vienna Nasal Speculum

Nasal Specula  
Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali



**RH-031-10**  
**Hartmann-Halle Nasal Speculum**  
Set of 3 Ref: RH-033-01 to RH-033-03



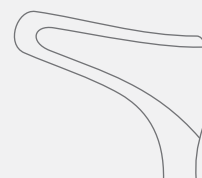
**Hartmann-Halle Nasal Speculum**  
Overall Length 15.5 cm (6")



**RH-033-01**  
27 mm  
Fig. 1



**RH-033-02**  
31 mm  
Fig. 2



**RH-033-03**  
35 mm  
Fig. 3

Nasal Specula  
Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali

RH

RHINOLOGY INSTRUMENTS



**RH-035-13**  
**Martin Nasal Speculum**  
17 mm  
Overall Length 13 cm (5")



**RH-037-13**  
**Martin Nasal Speculum**  
17.0 mm, Bent Sideways  
Overall Length 12.5 cm (5")



**RH-041-13**  
**Tieck-Halle Nasal Speculum**  
16.0 mm  
Overall Length 13 cm (5")



Nasal Specula  
Nasenspekula  
Espéculos nasales  
Spéculum nasaux  
Specoli nasali



**RH-051-10**  
**Killian Nasal Speculum**  
Set of 4 Ref; RH-053-01 to RH-053-04



**Killian Nasal Speculum**  
Overall Length 13 cm (5")



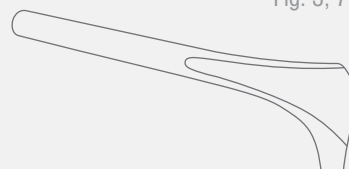
**RH-053-01**  
Fig. 1, 35 mm



**RH-053-02**  
Fig. 2, 50 mm



**RH-053-03**  
Fig. 3, 75 mm



**RH-053-04**  
Fig. 4, 85 mm

Nasal Specula  
Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali

**RH**

RHINOLOGY INSTRUMENTS



**RH-061-10**

**Cottle Nasal Speculum**

Set of 4 Ref; RH-063-01 to  
RH-063-04



**Cottle Nasal Speculum**

Overall Length 13.5 cm (5 1/4")



**RH-063-01**

Fig. 1, 35 mm



**RH-063-02**

Fig. 2, 50 mm



**RH-063-03**

Fig. 3, 75 mm



**RH-063-04**

Fig. 4, 85 mm  
14.5 cm (5 3/4")





Nasal Specula  
Nasenspekula  
Espéculos nasales  
Spéculums nasaux  
Specoli nasali



**RH-065-10**  
**Cottle Nasal Speculum**  
With Screw Fixation  
Set of 4 Ref. RH-067-01  
to RH-067-04



**RH-067-01**  
Fig. 1, 35 mm

**RH-067-02**  
Fig. 2, 50 mm

**RH-067-03**  
Fig. 3, 75 mm

**RH-067-04**  
Fig. 4, 85 mm  
14.5 cm (5 3/4")

**Cottle Nasal Speculum**  
With Screw Fixation  
Overall Length 13.5 cm (5 1/4")

Nasal Specula, Polypus Snares  
Nasenspekula, Polypenschnürer  
Espéculos nasales, Polipótomos  
Spéculums nasaux, Serre-nœuds pour polypes  
Specoli nasali, Serranodi per polipi



**RH-073-45**

45 mm  
13.5 cm (5 1/4")



**RH-073-75**

75 mm  
14 cm (5 1/2")

**Cottle Nasal Speculum**  
Black

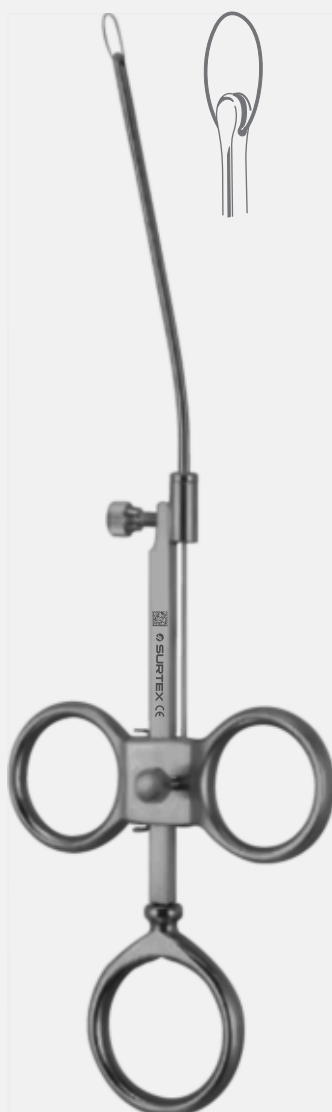
**RH**

RHINOLOGY INSTRUMENTS

Polypus Snares  
Polypenschnürer  
Polipótomos  
Serre-noeuds pour polypes  
Serranodi per polipi



**RH-091-26**  
**Krause Polypus Snare**  
Ø 3.0 mm  
Overall Length 26 cm (10 1/4")



**RH-093-26**  
**Krause-Voss Polypus Snare**  
Ø 3.0 mm  
Overall Length 26 cm (10 1/4")



**RH-095-24**  
**Lange-Wilde Polypus Snare**  
Overall Length 24 cm (9 1/2")



**RH-097-12**  
**Polypus Wire**  
Bundle with 12 Pieces, Ø 0.3  
Overall Length 10.5 cm (4")

Nasal Tampon Forceps  
Nasentamponpinzetten  
Pinzas para taponamiento  
Pinces à pansements  
Pinze per medicature

RH

RHINOLOGY INSTRUMENTS



**RH-101-15**  
**Troeltsch Nasal Tampon Forcep**  
Overall Length 14.5 cm (5 ¾")

**RH-103-18**  
**Troeltsch Nasal Tampon Forcep**  
Overall Length 18 cm (7")

**RH-105-21**  
**Gruenwald (Jansen) Nasal Tampon Forcep**  
Overall Length 21.5 cm (8 ½")



Nasal Tampon Forceps  
 Nasentamponpinzetten  
 Pinzas para taponamiento  
 Pinces à pansements  
 Pinze per medicature



**RH-107-16**  
**Nasal Tampon Forcep**  
 Smooth Jaws  
 Overall Length 16 cm (6 1/4")



**RH-109-16**  
**Nasal Tampon Forcep**  
 1 x 2 Teeth  
 Overall Length 16 cm (6 1/4")



**RH-111-18**  
**Nasal Tampon Forcep**  
 Smooth Jaws  
 Overall Length 18.5 cm (7 1/4")



**RH-113-20**  
**Nasal Tampon Forcep**  
 1 x 2 Teeth  
 Overall Length 16 cm (6 1/4")

Nasal Tampon Forceps  
Nasentamponpinzetten  
Pinzas para taponamiento  
Pincers à pansements  
Pinze per medicature



**RH-121-18**  
**Westmacott Nasal Polypus Forcep**  
Shaft Length 18.5 cm (7 1/4")



**RH-123-20**  
**Lubet-Barbon Nasal Polypus Forcep**  
Shaft Length 20 cm (8")



**RH-127-16**  
**Hartmann Nasal Polypus Forcep**  
Shaft Length 15 cm (6")



**RH-129-18**  
**Heymann-Knight Nasal Polypus Forcep**  
Shaft Length 18 cm (8")

**RH**

RHINOLOGY INSTRUMENTS

Nasal Tampon Forceps  
Nasentamponpinzetten  
Pinzas para taponamiento  
Pinces à pansements  
Pinze per medicature



**RH-131-20**  
**Hartmann Nasal Polypus Forcep**  
Shaft Length 18.5 cm (7 1/4")

**RH-133-18**  
**Littauer Nasal Polypus Forcep**  
Shaft Length 18 cm (7")

**RH-135-16**  
**Killian Nasal Polypus Forcep**  
Shaft Length 16 cm (6 1/4")

Septum Forceps  
Septumzangen  
Pinzas para tabique nasal  
Pincers pour la cloison nasale  
Pinze per il setto nasale

RH

RHINOLOGY INSTRUMENTS



**RH-140-01**

**Zurich Nasal Scissor**

Straight, Large Model, Cutting Length 18 mm  
Shaft Length 14 cm (4 ½")



**RH-161-01**

Fig. 1

**RH-161-02**

Fig. 2

**RH-161-03**

Fig. 3

**Heymann Septum Forcep**  
Shaft Length 18 cm (7")



**RH-165-17**

**Knight Septum Forcep**

Shaft Length 17 cm (6 ¾")



**RH-167-16**

**Craig Septum Forcep**

Shaft Length 16 cm (6 ¼")



Ethmoid Bone Forceps  
Siebbeinzangen  
Pinzas para etmoides  
Pincers éthmoidales  
Pinze etmoidali



**RH-169-01**  
Curved Left

**RH-169-02**  
Curved Right

**Craig-Dominick Ethmoid Forcep**  
Shaft Length 16 cm (6 1/4")



**RH-171-01**  
Fig. 1

**RH-171-02**  
Fig. 2

**Luc Ethmoid Forcep**  
Fenestrated  
Shaft Length 20 cm (8")



**RH-173-01**  
Fig. 1

**RH-173-02**  
Fig. 2

**Luc Ethmoid Forcep**  
Shaft Length 20 cm (8")

Ethmoid Bone Forceps  
Siebbeinzangen  
Pinzas para etmoides  
Pincas étmoidales  
Pinze etmoidali

**RH**

RHINOLOGY INSTRUMENTS



**RH-175-01**

Fig. 1

**RH-175-02**

Fig. 2

**RH-175-03**

Fig. 3

**RH-175-04**

Fig. 4

**Bruenings Ethmoid Forcep**  
Shaft Length 16.5 cm (6 1/2")



**Heuwieser Antrum Grasping Forcep**  
Shaft Length 12 cm (4 3/4")



**RH-177-01**

Jaw Curved Downwards  
Fixed Jaw Curved 90° Moveable Jaw  
Opening upto 120° Backward Opening



**RH-177-02**

Jaw Curved Upwards  
Fixed Jaw Curved 90° Moveable Jaw  
Opening upto 120° Backward Opening



**RH-177-03**

Jaw Curved Right  
Fixed Jaw Curved 90° Moveable Jaw  
Opening upto 120° Backward Opening



**RH-177-04**

Jaw Curved Left  
Fixed Jaw Curved 90° Moveable Jaw  
Opening upto 120° Backward Opening



**RH-177-05**

With Extra Long Curved For Alveolar  
Recess Fixed Jaw Curved 115° Moveable  
Jaw Opening upto 140° Backward Opening



**RH-177-06**

With Fixed Jaw Curved Downwards 140°  
Moveable Jaw Backward Opening  
155°

Ethmoid Bone Forceps  
Siebbeinzangen  
Pinzas para etmoides  
Pinces éthmoidales  
Pinze etmoidali



**RH-181-12**

Straight

**RH-183-12**

Bent Upwards



**RH-191-19**



**RH-193-19**

**Takahashi Ethmoid Forcep**  
Shaft Length 12 cm (4 ¾")

**Watson-Williams Ethmoid Forcep**  
Shaft Length 12 cm (4 ¾")



**RH-195-19**

**Weil Ethmoid Forcep**

With Neck

Shaft Length 12 cm (4 ¾")

Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pinces nasales coupantes  
Pinze taglienti per il naso



**Weil-Blakesley Nasal Cutting Forcep**  
Shaft Length 12 cm (4 ¾")

|  |                  |                  |                  |                  |
|--|------------------|------------------|------------------|------------------|
|  |                  |                  |                  |                  |
|  | <b>RH-201-01</b> | <b>RH-201-02</b> | <b>RH-201-03</b> | <b>RH-201-04</b> |
|  | Fig. 1           | Fig. 2           | Fig. 3           | Fig. 4           |
|  | Straight         | Straight         | Straight         | Straight         |
|  | 3.0 mm           | 3.5 mm           | 4.5 mm           | 5.0 mm           |
|  |                  |                  |                  |                  |
|  | <b>RH-203-01</b> | <b>RH-203-02</b> | <b>RH-203-03</b> | <b>RH-203-04</b> |
|  | Fig. 1           | Fig. 2           | Fig. 3           | Fig. 4           |
|  | Angled 45°       | Angled 45°       | Angled 45°       | Angled 45°       |
|  | 3.0 mm           | 3.5 mm           | 4.5 mm           | 5.0 mm           |
|  |                  |                  |                  |                  |
|  | <b>RH-205-01</b> | <b>RH-205-02</b> | <b>RH-205-03</b> | <b>RH-205-04</b> |
|  | Fig. 1           | Fig. 2           | Fig. 3           | Fig. 4           |
|  | Angled 90°       | Angled 90°       | Angled 90°       | Angled 90°       |
|  | 3.0 mm           | 3.5 mm           | 4.5 mm           | 5.0 mm           |

RH

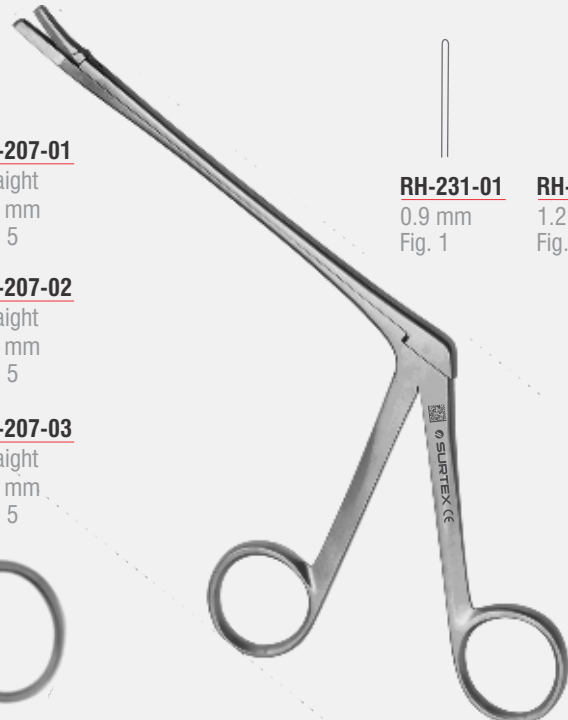
RHINOLOGY INSTRUMENTS



Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pinces nasales coupantes  
Pinze taglienti per il naso



**Tilley-Henckel Nasal Cutting Forcep**  
Shaft Length 12 cm (4 3/4")



**Struycken Nasal Cutting Forcep**  
Shaft Length 12 cm (4 3/4")

**RH-207-01**

Straight  
4.5 mm  
Fig. 5

**RH-207-02**

Straight  
5.5 mm  
Fig. 5

**RH-207-03**

Straight  
6.5 mm  
Fig. 5

**RH-231-01**

0.9 mm  
Fig. 1

**RH-231-02**

1.2 mm  
Fig. 2



**Nasal Cutting Forcep**  
Shaft Length 12 cm (4 3/4")



**RH-233-01**

Through Cut, Straight Slender Model  
with Flat Jaws Bite Size 3 x 4 mm



**RH-233-02**

Through Cut with Basket Straight Slender  
Model with Flat Jaws Bite Size 3 x 4 mm



**RH-233-03**

Through Cut Straight Fine Model  
with Flat Jaws Bite Size 1.25 x 5 mm



**RH-233-04**

Through Cut Straight Small Robust Model  
with Flat Jaws Bite Size 2.5 x 6.5 mm

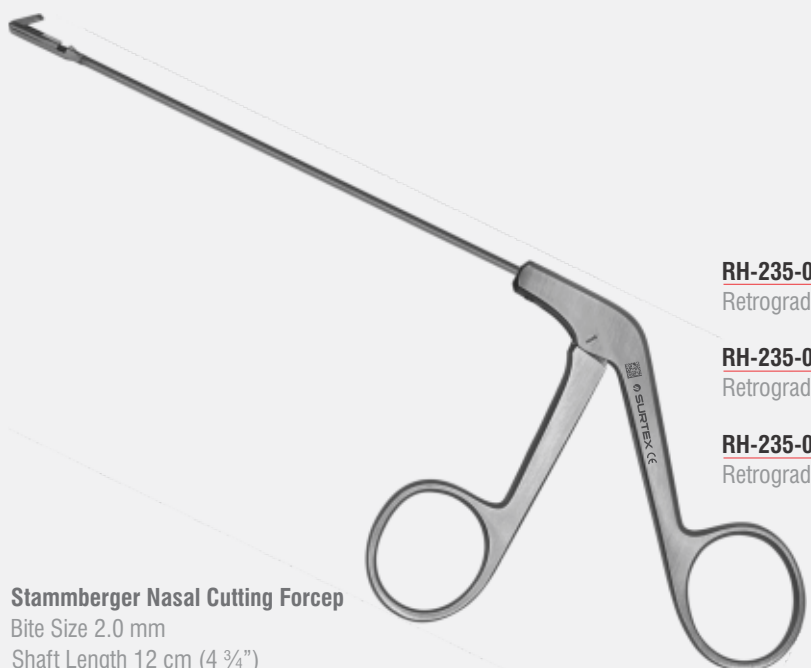
Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pinces nasales coupantes  
Pinze taglienti per il naso

**RH**

RHINOLOGY INSTRUMENTS



**RH-234-00**  
**Stammberger Nasal Cutting Forcep**  
Retrograde 360° Rotatable  
Bite Size 2.0 mm  
Shaft Length 12 cm (4 ¾")



**RH-235-01**  
Retrograde Up Cutting

**RH-235-02**  
Retrograde Right Cutting

**RH-235-03**  
Retrograde Left Cutting

**Stammberger Nasal Cutting Forcep**  
Bite Size 2.0 mm  
Shaft Length 12 cm (4 ¾")



Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pincas nasales coupantes  
Pinze taglienti per il naso



**RH-237-35**

Straight  
Ø 3.5 mm

**RH-237-45**

Straight  
Ø 4.5 mm

**Stammberger Circular Cutting Punch**  
Shaft Length 18 cm (7")



**RH-239-35**

Angled 65°  
Ø 3.5 mm

**RH-239-45**

Angled 65°  
Ø 4.5 mm

**Stammberger Circular Cutting Punch**  
Shaft Length 18 cm (7")

Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pinces nasales coupantes  
Pinze taglienti per il naso



**Hartmann Nasal Cutting Forcep (Conchotome)**  
Shaft Length 12 cm (4 3/4")



**RH-245-12**  
**Schmeden Nasal Cutting Forcep**  
8.0 mm  
Shaft Length 12 cm (4 3/4")

  
**RH-241-01**  
Ø 5.0 mm  
Fig. 1

  
**RH-241-02**  
Ø 7.0 mm  
Fig. 2

  
**RH-241-03**  
Ø 9.0 mm  
Fig. 3

  
**RH-241-04**  
Ø 11.0 mm  
Fig. 4

**RH**

RHINOLOGY INSTRUMENTS



Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pinces nasales coupantes  
Pinze taglienti per il naso



**Blakesley Nasal Cutting Forcep**  
Shaft Length 12 cm (4 3/4")



**Blakesley Nasal Cutting Forcep**  
Shaft Length 12 cm (4 3/4")



**RH-251-25**  
Through Cut Straight  
Bite Size 2.5 mm



**RH-251-35**  
Through Cut Straight  
Bite Size 3.5 mm



**RH-251-42**  
Through Cut Straight  
Bite Size 4.2 mm



**RH-251-48**  
Through Cut Straight  
Bite Size 4.8 mm



**RH-253-35**  
Through Cut Curved  
Right Bite Size 3.5 mm



**RH-255-35**  
Through Cut Curved  
Left Bite Size 3.5 mm



**RH-257-25**  
Through Cut  
Angled 45° Upwards  
Bite Size 2.5 mm



**RH-257-35**  
Through Cut  
Angled 45° Upwards  
Bite Size 3.5 mm



**RH-257-42**  
Through Cut  
Angled 45° Upwards  
Bite Size 4.2 mm



**RH-257-48**  
Through Cut  
Angled 45° Upwards  
Bite Size 4.8 mm

Nasal Scissors  
Nasenscheren  
Tijeras nasales  
Ciseaux nasaux  
Forbici nasali

RH

RHINOLOGY INSTRUMENTS



**RH-261-11**

Straight

**RH-261-13**

Curved Right

**RH-261-14**

Curved Left

**Nasal Sinus Scissor**

Shaft Length 12 cm (4 ¾")



Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pinces nasales coupantes  
Pinze taglienti per il naso

**RH-261-00**

Vertical Straight  
Cup Size 2.0 mm

**RH-261-01**

Vertical Angled 45°  
Cup Size 2.0 mm

**RH-261-02**

Vertical Angled 55°  
Cup Size 2.0 mm

**RH-261-03**

Vertical Angled 70°  
Cup Size 2.0 mm

**RH-261-04**

Vertical Angled 90°  
Cup Size 2.0 mm

**RH-261-05**

Vertical Angled 110°  
Cup Size 2.0 mm

**Giraffe Cup Shaped Biopsy Punch**

Shaft Length 18 cm (7")

**RH-263-00**

Vertical Straight  
Cup Size 3.0 mm

**RH-263-01**

Vertical Angled 45°  
Cup Size 3.0 mm

**RH-263-02**

Vertical Angled 55°  
Cup Size 3.0 mm

**RH-263-03**

Vertical Angled 70°  
Cup Size 3.0 mm

**RH-263-04**

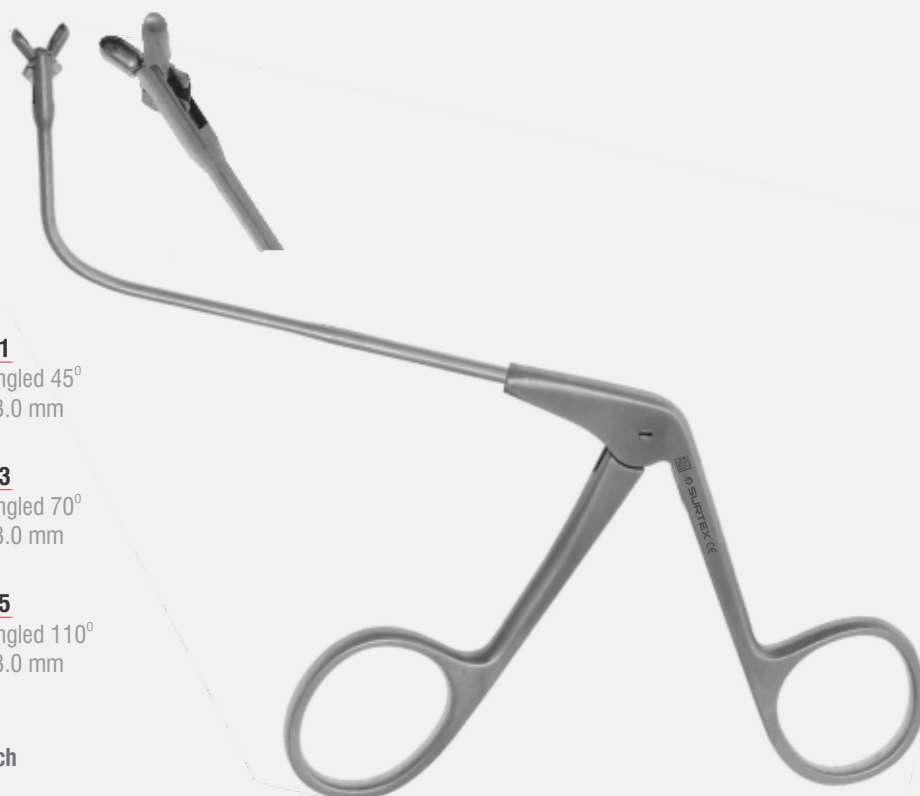
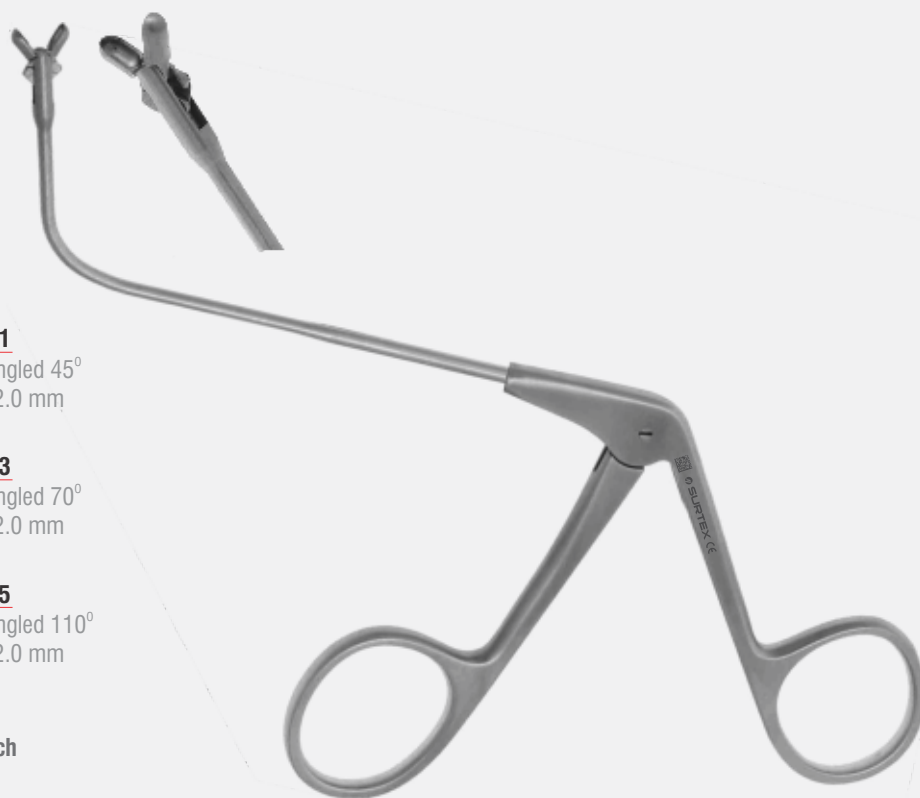
Vertical Angled 90°  
Cup Size 3.0 mm

**RH-263-05**

Vertical Angled 110°  
Cup Size 3.0 mm

**Giraffe Cup Shaped Biopsy Punch**

Shaft Length 18 cm (7")



Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pinces nasales coupantes  
Pinze taglienti per il naso

**RH**
**RHINOLOGY INSTRUMENTS**
**RH-265-00**

Vertical Straight  
Cup Size 4.0 mm

**RH-265-01**

Vertical Angled 45°  
Cup Size 4.0 mm

**RH-265-02**

Vertical Angled 55°  
Cup Size 4.0 mm

**RH-265-03**

Vertical Angled 70°  
Cup Size 4.0 mm

**RH-265-04**

Vertical Angled 90°  
Cup Size 4.0 mm

**RH-265-05**

Vertical Angled 110°  
Cup Size 4.0 mm

**Giraffe Cup Shaped Biopsy Punch**

Shaft Length 18 cm (7")

**RH-267-00**

Horizontal Straight  
Cup Size 2.0 mm

**RH-267-01**

Horizontal Angled 45°  
Cup Size 2.0 mm

**RH-267-02**

Horizontal Angled 55°  
Cup Size 2.0 mm

**RH-267-03**

Horizontal Angled 70°  
Cup Size 2.0 mm

**RH-267-04**

Horizontal Angled 90°  
Cup Size 2.0 mm

**RH-267-05**

Horizontal Angled 110°  
Cup Size 2.0 mm

**Giraffe Cup Shaped Biopsy Punch**

Shaft Length 18 cm (7")





Nasal Cutting Forceps  
Scharfe Nasenzangen  
Pinzas nasales cortantes  
Pincas nasales coupantes  
Pinze taglienti per il naso



**RH-269-00**

Horizontal Straight  
Cup Size 3.0 mm

**RH-269-01**

Horizontal Angled 45°  
Cup Size 3.0 mm

**RH-269-02**

Horizontal Angled 55°  
Cup Size 3.0 mm

**RH-269-03**

Horizontal Angled 70°  
Cup Size 3.0 mm

**RH-269-04**

Horizontal Angled 90°  
Cup Size 3.0 mm

**RH-269-05**

Horizontal Angled 110°  
Cup Size 3.0 mm

**Giraffe Cup Shaped Biopsy Punch**

Shaft Length 18 cm (7")



**RH-271-00**

Horizontal Straight  
Cup Size 4.0 mm

**RH-271-01**

Horizontal Angled 45°  
Cup Size 4.0 mm

**RH-271-02**

Horizontal Angled 55°  
Cup Size 4.0 mm

**RH-271-03**

Horizontal Angled 70°  
Cup Size 4.0 mm

**RH-271-04**

Horizontal Angled 90°  
Cup Size 4.0 mm

**RH-271-05**

Horizontal Angled 110°  
Cup Size 4.0 mm

**Giraffe Cup Shaped Biopsy Punch**

Shaft Length 18 cm (7")



Septum Forceps, Septum Morselizer  
Septumzangen, Septumquetschzange  
Pinzas para tabique nasal, Pinza para aplastamiento  
Pinces pour la cloison nasale, Pince-gouge pour la cloison nasale  
Pinze per il setto nasale, Pinza contundente per il setto nasale

RH

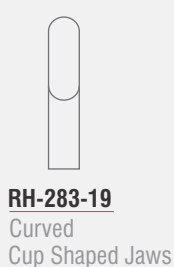
RHINOLOGY INSTRUMENTS



**RH-271-15**  
**Cottle Masing Needle Holder**  
Smooth Jaws  
Shaft Length 15 cm (6")



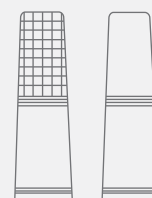
**Jansen-Middelton Septum Forcep**  
Overall Length 19 cm (7 1/2")



**RH-291-21**  
**UltraGrip™ TC Rubin Septum Forcep**  
Overall Length 21 cm (8 1/4")



**RH-293-21**  
**UltraGrip™ TC Lower Lateral Morselizer**  
Overall Length 19 cm (7 1/2")



ULTRA GRIP<sup>™</sup>

ULTRA GRIP<sup>™</sup>



Sphenoid Bone Punches

Keilbeinstanzen

Pinzas sacabocadas para esfenoides

Pinces emporte-pièces pour sinus sphénodal

Pinze taglianti per seno sfenoidale



**Hajek Sphenoid Punch**

Overall Length 14 cm (5 1/2")



**RH-301-01**

Up Cutting

4.0 mm x 4.0 mm



**RH-301-02**

Down Cutting

4.0 mm x 4.0 mm



**Hajek-Kofler Sphenoid Punch**

Overall Length 14 cm (5 1/2")



**RH-303-01**

Up Cutting

3.5 mm x 3.5 mm



**RH-303-02**

Down Cutting

3.5 mm x 3.5 mm

Sphenoid Bone Punches  
Keilbeinstanzen  
Pinzas sacabocadas para esfenoides  
Pinces emporte-pièces pour sinus sphénoïdal  
Pinze taglianti per seno sfenoidale



**Kerrison Sphenoid Punch**  
Up Cutting

**RH-305-03**  
Ø 3.0 mm x 3.0 mm  
9 cm (3 ½")

**RH-305-04**  
Ø 4.0 mm x 4.0 mm  
9 cm (3 ½")

**RH-305-05**  
Ø 5.0 mm x 5.0 mm  
9 cm (3 ½")

**RH-305-06**  
Ø 6.0 mm x 6.0 mm  
9 cm (3 ½")



**RH-307-20**  
**Hajek-Claus Antrum Punch**  
Bite Size 5.0 mm  
Overall Length 20 cm (8")



**Antrum Punch**  
Bite Size 4.0 mm x 5.0 mm  
Overall Length 14 cm (5 ½")



**RH-309-01**  
Angled 45° Backward Cutting



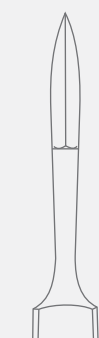
**RH-309-02**  
Angled 45° Forward Cutting

**RH**

RHINOLOGY INSTRUMENTS



Rhinoplastic Knives  
 Rhinoplastik-Messer  
 Cuchillos rinoplásticos  
 Couteaux pour plastie du nez  
 Bisturi per plastica nasale



**RH-350-15**  
 Straight  
 Fig. 1



**RH-351-15**  
 Curved  
 Fig. 2

**Joseph Rhinoplasty Knife**  
 Overall Length 15 cm (6")



**RH-355-15**  
**Fomon Rhinoplasty Knife**  
 Overall Length 16.5 cm (6 1/2")



**RH-361-16**  
**Converse Rhinoplasty Knife**  
 Overall Length 16 cm (6 1/4")

Rhinoplastic Knives,  
Rhinoplastik-Messer,  
Cuchillos rinoplásticos,  
Couteaux pour plastie du nez,  
Bisturi per plastica nasale,

**RH**

RHINOLOGY INSTRUMENTS



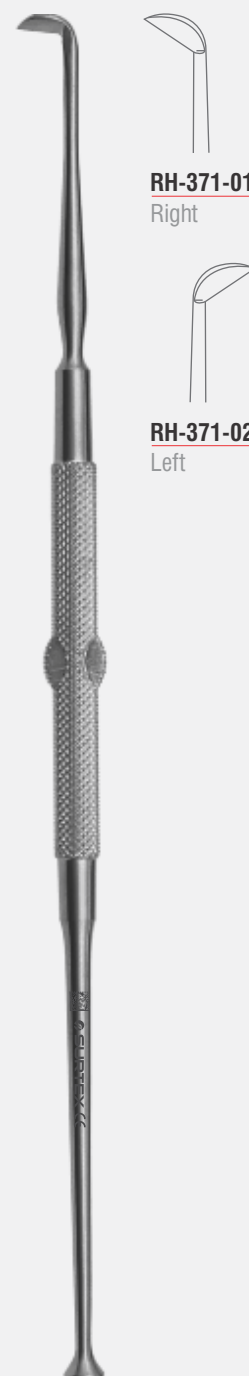
**RH-365-15**  
**Joseph Rhinoplasty Knife**  
Overall Length 15 cm (6")



**RH-367-15**  
**Cottle Rhinoplasty Knife**  
Overall Length 14 cm (5 1/2")



**RH-369-15**  
**Freer Mucosa Knife**  
Overall Length 16.5 cm (6 1/2")

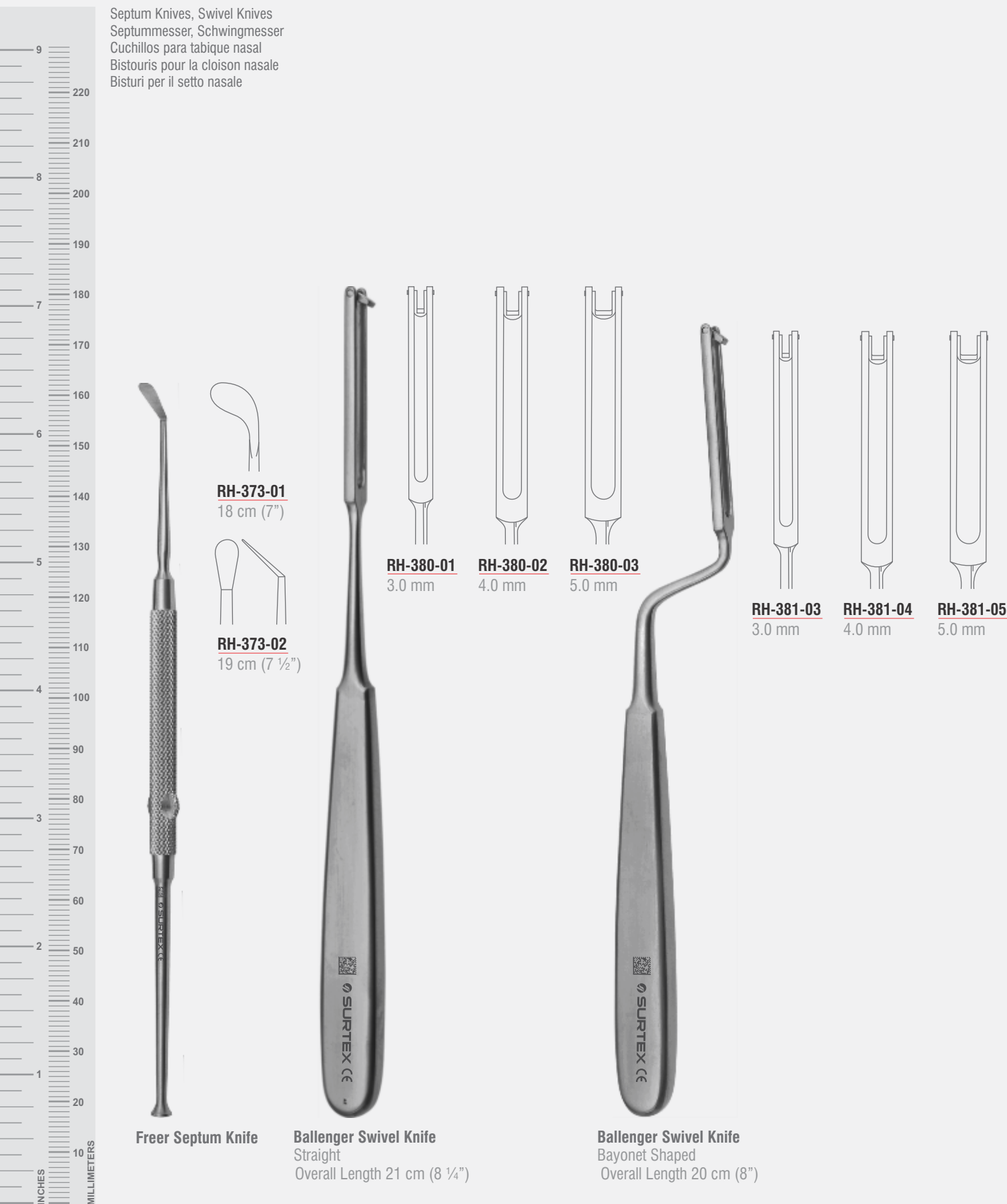


**RH-371-01**  
Right

**RH-371-02**  
Left

**Freer Septum Knife**  
Overall Length 18 cm (7")

Septum Knives, Swivel Knives  
Septummesser, Schwingmesser  
Cuchillos para tabique nasal  
Bistouris pour la cloison nasale  
Bisturi per il setto nasale



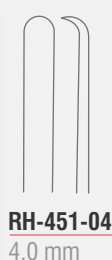
Septum Elevators  
Septumellevatorien  
Elevadores para tabique nasal  
Élévateurs pour la cloison nasale  
Elevatori per il setto nasale

**RH**

RHINOLOGY INSTRUMENTS



**McKenty Septum Elevator**  
Overall Length 15 cm (6")



**RH-455-16**  
**Halle Septum Elevator**  
3.5 mm  
Overall Length 16 cm (6 1/4")



**RH-461-16**  
**Joseph Septum Elevator**  
4.0 mm  
Overall Length 16 cm (6 1/4")



Septum Elevators  
Septum elevatorien  
Elevadores para tabique nasal  
Élévateurs pour la cloison nasale  
Elevatori per il setto nasale



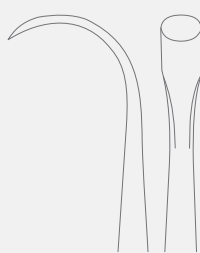
**RH-465-01**

Slightly Curved



**RH-465-02**

Medium Curved



**RH-465-03**

Strongly Curved



**RH-471-19**

Sharp  
5.0 mm

**RH-473-19**

Blunt  
6.0 mm



**RH-475-18**

**Freer Septum Elevator**  
Double Ended 5.0 mm, 5.0 mm  
Overall Length 18.5 cm (7 1/4")

**Daniel Periosteal Elevator**  
Overall Length 16 cm (6 1/4")

**Freer Septum Elevator**  
Overall Length 19 cm (7 1/2")

Septum Elevators  
Septumellevatorien  
Elevadores para tabique nasal  
Élévateurs pour la cloison nasale  
Elevatori per il setto nasale

RH

RHINOLOGY INSTRUMENTS



**RH-476-18**  
**Freer-Yasargil Septum Elevator**  
Double Ended, Sharp/Blunt  
3.0 mm, 3.0 mm  
Overall Length 18.5 cm (7 1/4")



**RH-477-20**  
**Freer Septum Elevator**  
Double Ended, Sharp/Blunt  
6.0 mm, 5.0 mm  
Overall Length 20.5 cm (8")



**RH-479-20**  
**McKenty Septum Elevator**  
4.0 mm, 4.0 mm  
Overall Length 20.5 cm (8")



**RH-482-19**  
**Ballenger-Hajek Septum Elevator**  
6.0 mm, 6.0 mm  
Overall Length 19 cm (7 1/2")

Septum Elevators  
Septum elevatorien  
Elevadores para tabique nasal  
Élévateurs pour la cloison nasale  
Elevatori per il setto nasale



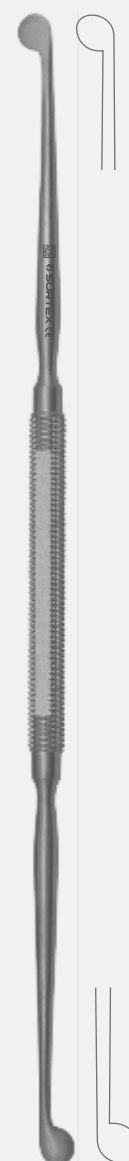
**RH-501-23**  
**Cottle Septum Elevator**  
5.0 mm, 5.0 mm  
Overall Length 23.5 cm (9 1/4")



**RH-503-18**  
**Killian Septum Elevator**  
4.0 mm, 4.0 mm  
Overall Length 18 cm (7")



**RH-505-23**  
**Killian Septum Elevator**  
4.5 mm, 4.5 mm  
Overall Length 23 cm (9")



**RH-507-21**  
**Pierce Septum Elevator**  
4.0 mm, 4.0 mm  
Overall Length 21.5 cm (8 1/2")

Periosteal Elevators  
Periostelevatorien  
Legras para periostio  
Élévateurs pour le périoste  
Elevatori per il periosto

RH

RHINOLOGY INSTRUMENTS



**RH-509-21**  
**Pennington Septum Elevator**  
4.0 mm, 4.0 mm  
Overall Length 21.5 cm (8 ½")



**RH-511-19**  
**Roger Septum Elevator**  
4.0 mm, 4.0 mm  
Overall Length 19.5 cm (7 ¾")



**RH-513-15**  
**Traquair Septum Elevator**  
1 x 3 mm (7 mm Long) &  
1 x 2 mm (5 mm Long)  
Overall Length 15.5 cm (6")



**RH-541-22**  
**Cottle Septum Elevator**  
3.3 mm, 3.7 mm  
Overall Length 23 cm (9")



Periosteal Elevators  
 Periostelevatorien  
 Legras para periostio  
 Élévateurs pour le périoste  
 Elevatori per il periosto



**RH-543-21**  
**Masing Septum Elevator**  
 3.0 mm, 2.0 mm  
 Overall Length 19.5 cm (7 3/4")



**RH-545-21**  
**Cottle Septum Elevator**  
 4.5 mm, 4.5 mm  
 Overall Length 19.5 cm (7 3/4")

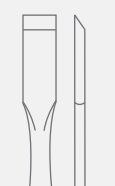


**RH-547-21**  
**Howarth Septum Elevator**  
 Overall Length 21.5 cm (8 1/2")



**RH-551-16**  
**Joseph Periosteal Elevator**  
 6.0 mm  
 Overall Length 18 cm (7")

Septum Chisels, Septum Gouges  
Septummeißel, Septum-Hohlmeißel  
Cinceles para tabique nasal, Gubias para tabique nasal  
Élévateurs pour le périoste, Gouges pour la cloison nasale  
Elevatori per il periosto, Sgorbie per il setto nasale

**RH**
**RHINOLOGY INSTRUMENTS**


**RH-600-16**  
Straight



**RH-601-16**  
Curved



**RH-604-16**  
**West Septum Chisel**  
Overall Length 16 cm (6 1/4")



**RH-605-16**  
**West Septum Gouge**  
Overall Length 16 cm (6 1/4")



**RH-608-16**  
**Freer Septum Gouge**  
6.0 mm  
Overall Length 15 cm (6")

**Freer Septum Chisel**  
4.0 mm  
Overall Length 16.5 cm (6 1/2")

Septum Gouges  
Septum-Hohlmeißel  
Gubias para tabique nasal  
Gouges pour la cloison nasale  
Sgorbie per il setto nasale



**Ballenger Septum Gouge**  
Overall Length 15 cm (6")



**RH-610-02**  
2.0 mm



**RH-610-04**  
4.0 mm



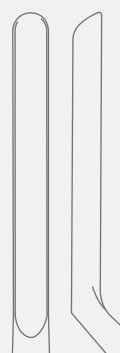
**RH-610-06**  
6.0 mm



**RH-610-08**  
8.0 mm



**RH-613-16**  
**Killian Septum Gouge**  
Bayonet Shaped, 8.0 mm  
Overall Length 16 cm (6 1/4")



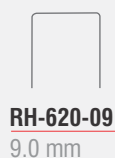
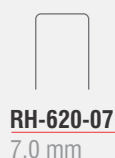
**RH-615-16**  
**Killian-Claus Septum Gouge**  
Bayonet Shaped, 5.0 mm  
Overall Length 16 cm (6 1/4")



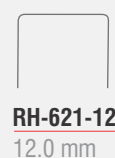
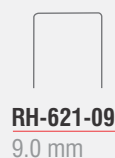
Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi

**RH**

RHINOLOGY INSTRUMENTS



**Cottle Nasal Osteotome**  
Straight  
Overall Length 18.5 cm (7 1/4")



**Cottle Nasal Osteotome**  
Curved  
Overall Length 18.5 cm (7 1/4")

Chisels, Osteotomes  
Meißel, Osteotome  
Cinceles, Osteótomos  
Ciseaux-burins, Ostéotomes  
Scalpelli, Osteotomi



**RH-626-02**  
2.0 mm



**RH-626-04**  
4.0 mm



**RH-626-07**  
7.0 mm



**RH-626-09**  
9.0 mm



**RH-626-12**  
12.0 mm



**RH-627-06**  
**Cottle Nasal Chisel**  
Curved, Cross Handle  
6.0 mm  
Overall Length 18.5 cm (7 1/4")



**RH-630-14**  
14.0 mm



**RH-630-16**  
16.0 mm



**RH-630-18**  
18.0 mm

**Cottle Nasal Osteotome**  
Overall Length 18.5 cm (7 1/4")

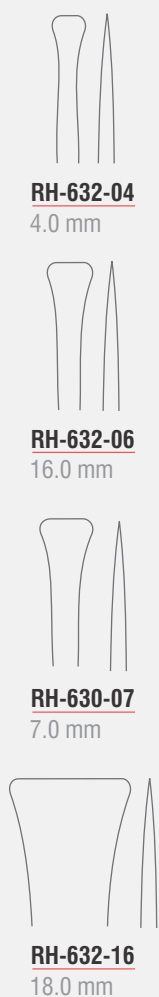
Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi

RH

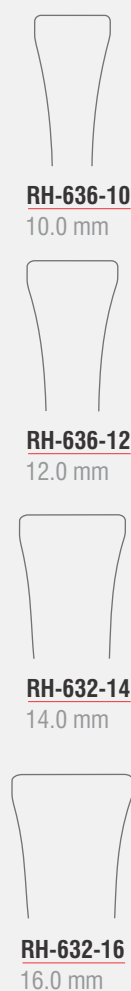
RHINOLOGY INSTRUMENTS



**Cottle Nasal Osteotome**  
Cross Handle  
Overall Length 18.5 cm (7 1/4")



**Rubin Nasal Osteotome**  
Overall Length 18.5 cm (7 1/4")



**McIndoe Nasal Chisel**  
Overall Length 15.5 cm (6")



Chisels, Osteotomes  
Meißel, Osteotome  
Cinceles, Osteótomos  
Ciseaux-burins, Ostéotomes  
Scalpelli, Osteotomi



**RH-640-03**  
3.0 mm



**RH-640-04**  
4.5 mm



**RH-642-03**  
3.0 mm



**RH-642-04**  
4.0 mm

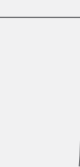


**RH-642-07**  
7.0 mm



**RH-642-09**  
9.0 mm

**RH-642-12**  
12.0 mm



**RH-643-01**  
Fig. 1



**RH-643-02**  
Fig. 2



**RH-643-03**  
Fig. 3

**Walter Nasal Chisel**  
Overall Length 9 cm (7 1/2")

**Walter Nasal Osteotome**  
Overall Length 19 cm (7 1/2")

**Halle Antrum Curette**  
Malleable  
Overall Length 21 cm (8 1/4")

Chisels, Osteotomes  
Meißel, Osteotome  
Cinceles, Osteótomos  
Ciseaux-burins, Ostéotomes  
Scalpelli, Osteotomi

RH

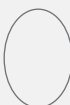
RHINOLOGY INSTRUMENTS



**RH-645-01**  
7 x 11 mm



**RH-645-02**  
8 x 11 mm



**RH-645-03**  
9 x 13 mm

**Antrum Curette**  
Oval  
Overall Length 19 cm (7 1/2")



**RH-647-01**  
Round  
Ø 4 mm



**RH-647-02**  
Oblong Small  
1.5 x 6 mm



**RH-647-03**  
Oblong Large  
3 x 9 mm

**Antrum Curette**  
Overall Length 19 cm (7 1/2")



**RH-649-01**  
Angled  
Forward Cutting  
7 x 10 mm



**RH-649-02**  
Angled  
Backwards Cutting  
7 x 10 mm

**Antrum Curette**  
Overall Length 19 cm (7 1/2")





Osteotomes  
 Osteotome  
 Osteótomos  
 Ostéotomes  
 Osteotomi



**Fomon Nasal Chisel**  
 Overall Length 16 cm (6 1/4")



**RH-648-04**  
 4.0 mm



**RH-648-05**  
 5.0 mm



**RH-648-06**  
 6.0 mm



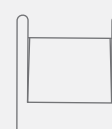
**RH-648-07**  
 7.0 mm



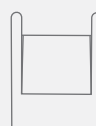
**Cinelli Nasal Osteotome**  
 Overall Length 16 cm (6 1/4")



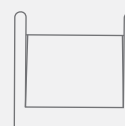
**RH-650-10**  
 10.0 mm



**RH-650-14**  
 14.0 mm



**RH-650-12**  
 12.0 mm



**RH-650-16**  
 16.0 mm

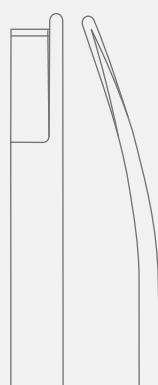
Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi

RH

RHINOLOGY INSTRUMENTS



**RH-654-07**  
Straight  
7.0 mm



**RH-655-07**  
Left  
7.0 mm



**RH-657-07**  
Right  
7.0 mm



**RH-660-02**  
2.0 mm



**RH-660-04**  
4.0 mm



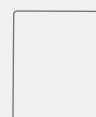
**RH-660-06**  
6.0 mm



**RH-660-07**  
7.0 mm



**RH-660-09**  
9.0 mm



**RH-660-12**  
12.0 mm

**Neivert-Anderson Nasal Osteotome**  
Overall Length 20.5 cm (8")

**Cottle Nasal Chisel**  
Overall Length 18 cm (7")



Osteotomes  
Osteotome  
Osteótomos  
Ostéotomes  
Osteotomi



**Sheehan Nasal Osteotome**  
Overall Length 15 cm (6")



**RH-664-01**  
1.0 mm



**RH-664-02**  
2.0 mm



**RH-664-03**  
3.0 mm



**RH-664-04**  
4.0 mm



**RH-664-05**  
5.0 mm



**RH-664-06**  
6.0 mm



**RH-664-07**  
7.0 mm



**RH-664-08**  
8.0 mm



**RH-664-10**  
10.0 mm



**RH-664-12**  
12.0 mm

Rhinoplastic Chisels  
Nasenmeißel, Meißel  
Cinceles nasales, Cinceles  
Ciseaux-burins nasaux, Ciseaux-burins  
Scalpelli nasali, Scalpelli

**RH**

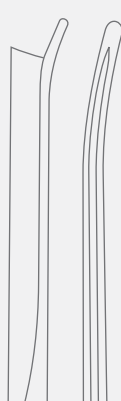
RHINOLOGY INSTRUMENTS



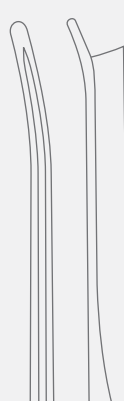
**Silver Nasal Chisel**  
Overall Length 18 cm (7")



**RH-666-05**  
Straight  
5.0 mm



**RH-667-05**  
Right  
5.0 mm



**RH-669-05**  
Left  
5.0 mm



**RH-672-01**  
**Parkes Nasal Osteotome**  
Overall Length 16 cm (6 1/4")





Nasal Saws  
Nasensägen  
Sierras nasales  
Scies nasales  
Seghe nasali



**RH-691-01**  
**Joseph Nasal Saw**  
Angled to Left  
Overall Length 17 cm (6 <sup>3</sup>/<sub>4</sub>" )



**RH-691-02**  
**Joseph Nasal Saw**  
Angled to Right  
Overall Length 17 cm (6 <sup>3</sup>/<sub>4</sub>" )

Nasal Saws  
Nasensägen  
Sierras nasales  
Scies nasales  
Seghe nasali

RH

RHINOLOGY INSTRUMENTS



**RH-692-19**  
**Joseph Nasal Saw**  
Straight, 40.0 mm  
Overall Length 19 cm (7 ½")



**RH-693-01**  
**Joseph Nasal Saw**  
Bayonet Shaped, 40.0 mm  
Overall Length 19 cm (7 ½")



**RH-693-02**  
**Joseph Nasal Saw**  
Bayonet Shaped, 40.0 mm  
Overall Length 19 cm (7 ½")



**RH-698-00**  
**Cottle Cartilage Crusher**

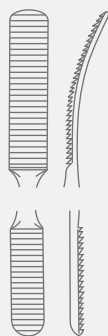
Nasal Rasps  
Nasenraspeln  
Escofinas nasales  
Râpes nasales  
Raspe nasali



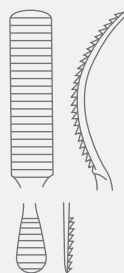
**Miller-Colburn Nasal Rasp**  
Drawing Cut  
Overall Length 18 cm (7")



**RH-701-01**  
Fig. 1



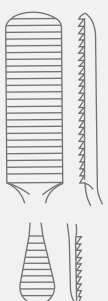
**RH-701-02**  
Fig. 2



**RH-701-03**  
Fig. 3



**RH-701-04**  
Fig. 4



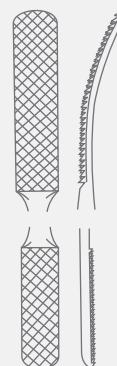
**RH-701-05**  
Fig. 5



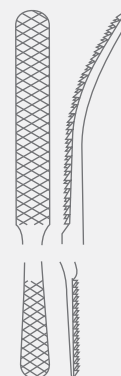
**Miller-Colburn Nasal Rasp**  
Cross Cut  
Overall Length 18 cm (7")



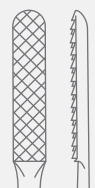
**RH-703-01**  
Fig. 1



**RH-703-02**  
Fig. 2



**RH-703-03**  
Fig. 3



**RH-703-04**  
Fig. 4

Nasal Rasps  
Nasenraspeln  
Escofinas nasales  
Râpes nasales  
Raspe nasali

RH

RHINOLOGY INSTRUMENTS



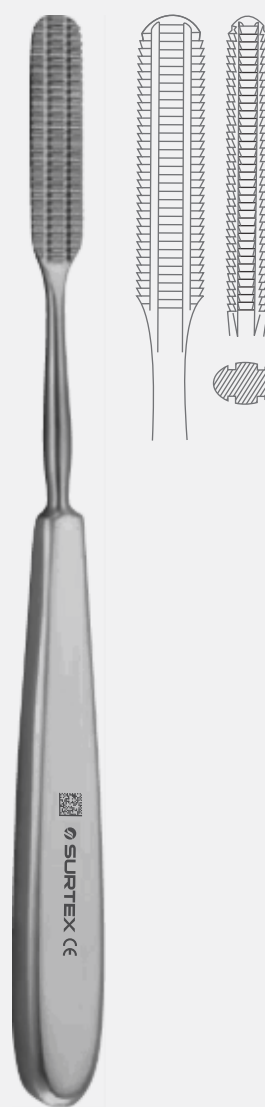
**RH-705-01**  
**UltraCut™ TC Miller Nasal Rasp**  
Drawing Cut  
Overall Length 19 cm (7 ½")

**ULTRA** *Cut*™



**RH-707-01**  
**UltraCut™ TC Miller Nasal Rasp**  
Cross Cut  
Overall Length 19 cm (7 ½")

**ULTRA** *Cut*™



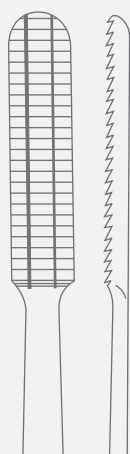
**RH-710-18**  
**Maltz Nasal Rasp**  
Drawing Cut, 40 x 9 mm  
Overall Length 17.5 cm (7")



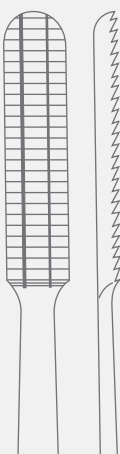
Nasal Rasps  
 Nasenraspeln  
 Escofinas nasales  
 Râpes nasales  
 Raspe nasali



**Maltz Nasal Rasp**  
 Overall Length 17 cm (6 ¾")



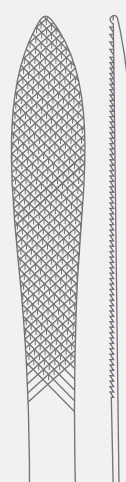
**RH-712-01**  
 34 x 7 mm  
 Drawing Cut



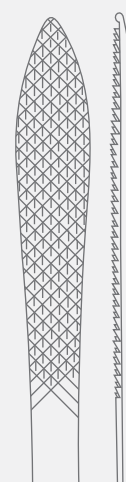
**RH-712-02**  
 34 x 7 mm  
 Pushing Cut



**Joseph Nasal Rasp**  
 Overall Length 16 cm (6 ¼")



**RH-714-01**  
 60 x 8 mm



**RH-714-02**  
 45 x 9 mm

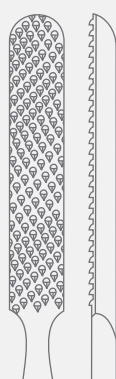
Nasal Rasps  
Nasenraspeln  
Escofinas nasales  
Râpes nasales  
Raspe nasali

RH

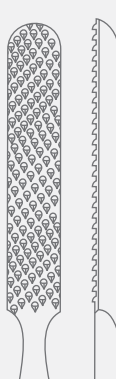
RHINOLOGY INSTRUMENTS



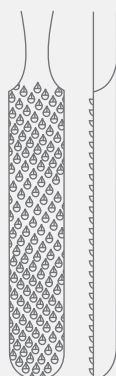
**Fomon Nasal Rasp**  
Overall Length 21 cm (8 1/4")



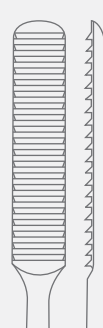
**RH-720-01**  
30 x 8 mm  
Fine



**RH-720-02**  
30 x 8 mm  
Coarse



**Parkes Nasal Rasp**  
Drawing Cut  
Overall Length 19.5 cm (7 3/4")



**RH-722-01**  
35 x 8 mm



**RH-722-02**  
35 x 10 mm



**Gallaheer Antrum Rasp**  
Overall Length 17 cm (6 3/4")

**RH-724-01**  
Straight  
45 x 6 mm

**RH-724-02**  
Left  
45 x 6 mm

**RH-724-03**  
Right  
45 x 6 mm

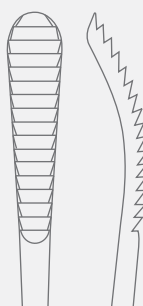
Nasal Rasps  
Nasenraspeln  
Escofinas nasales  
Râpes nasales  
Raspe nasali



**RH-726-21**  
**Cottle Nasal Rasp**  
30 x 8 mm  
Overall Length 20.5 cm (8")



**Aufrecht Glabella Nasal Rasp**  
Overall Length 21 cm (8 1/4")



**RH-729-01**  
Pushing Cut  
32 x 9 mm



**RH-729-02**  
Drawing Cut  
32 x 9 mm



**RH-730-21**  
**UltraCut™ TC Webster Glabella Nasal Rasp**  
Bi-Directional, (Push-Pull Cutting)  
Overall Length 21 cm (8 1/4")

**ULTRA** *Cut*™

Nasal Rasps  
Nasenraspeln  
Escofinas nasales  
Râpes nasales  
Raspe nasali

RH

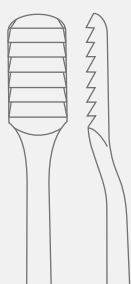
RHINOLOGY INSTRUMENTS



**Lewis Nasal Rasp**  
Drawing Cut  
Overall Length 19 cm (7 ½")



**RH-732-01**  
Fine  
15 x 8 mm



**RH-732-02**  
Coarse  
15 x 8 mm



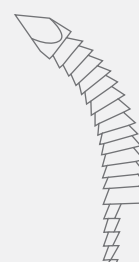
**UltraCut™ TC Lewis Nasal Rasp**  
Overall Length 19 cm (7 ½")

**RH-734-01**  
Drawing Cut,  
Fine Cutting Edge  
of 15 x 8 mm

**RH-734-02**  
Drawing Cut,  
Coarse Cutting Edge  
of 15 x 8 mm



**RH-735-18**  
**Wiener Nasal Rasp**  
Overall Length 18 cm (7")



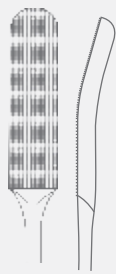
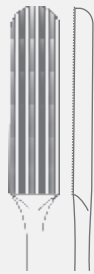
**ULTRA** *Cut*™



Bone Files, Nasal Rasps  
Knochenfeilen, Nasenraspeln  
Limas para huesos, Escofinas nasales  
Limes à os, Râpes nasales  
Lime per ossa, Raspe nasali



**RH-738-19**  
Straight



**RH-739-19**  
Curved



**UltraCut™ TC Maltz Nasal Rasp**  
Overall Length 19.5 cm (7 3/4")



**RH-742-01**



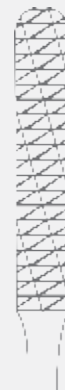
**RH-742-02**



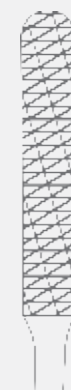
**RH-742-03**



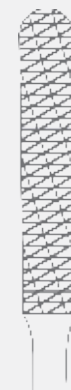
**RH-742-04**



**RH-742-05**



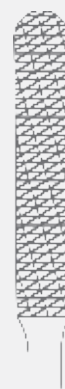
**RH-742-06**



**RH-742-07**



**RH-742-08**



**RH-742-09**



**RH-742-10**

**Diam-n-Dust™ Nasal Rasp**  
Overall Length 19 cm (7 1/2")



Nasal Rasps, Antrum Rasps  
Nasenraspeln, Antrumraspeln  
Escofinas nasales, Escofinas para el antro  
Râpes nasales, Râpes pour antre  
Raspe nasali, Raspe per seno mascellare

RH

RHINOLOGY INSTRUMENTS



**RH-744-21**  
**Fomon Nasal Rasp**  
30 x 8 mm  
Overall Length 20.5 cm (8")



**UltraCut™ Fomon Nasal Rasp**  
Overall Length 20.5 cm (8")

**ULTRA** *Cut*™



**RH-746-01**  
30 x 8 mm  
Fig. 1 - 2



**RH-746-02**  
40 x 7 mm  
Fig. 3 - 4



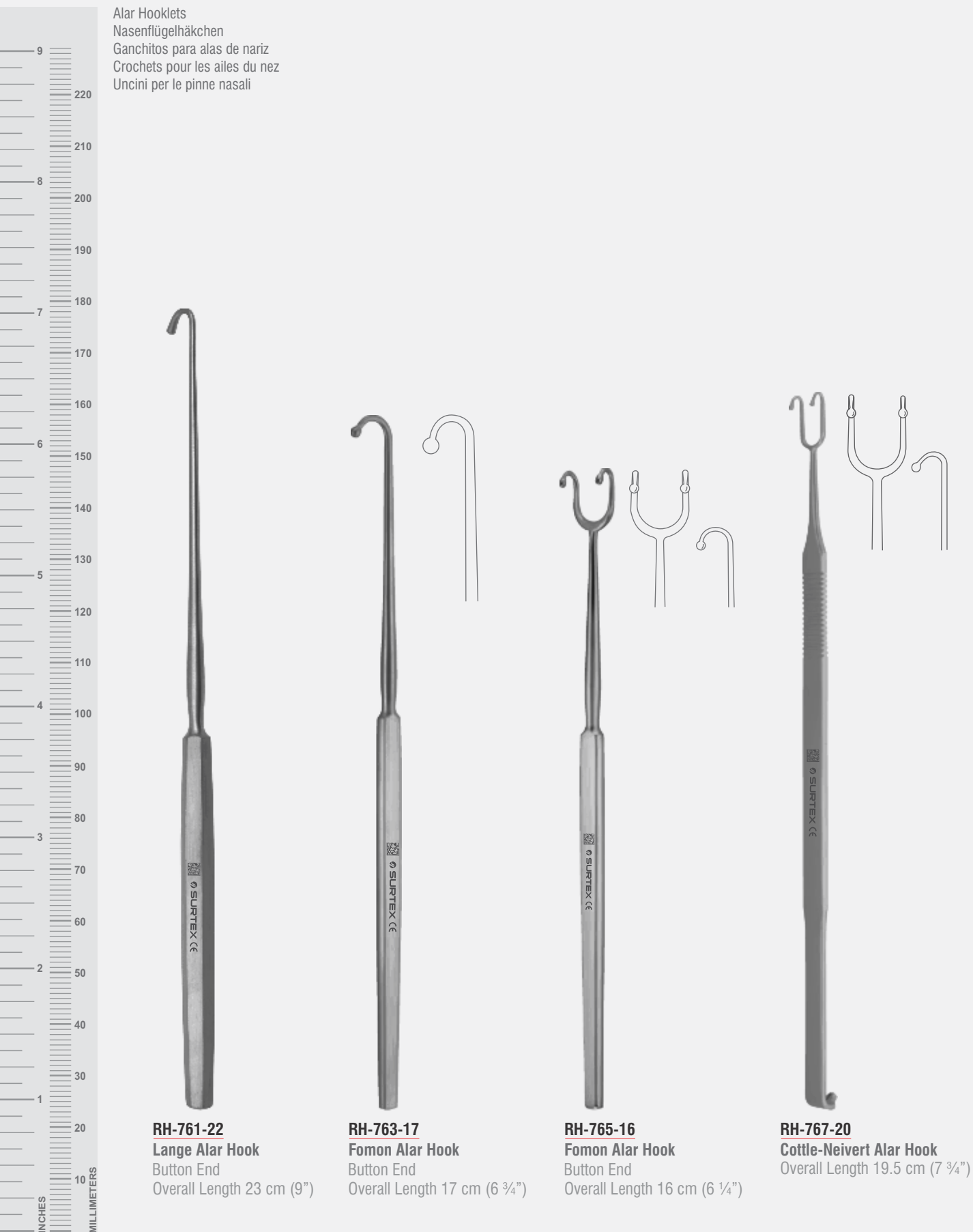
**RH-746-03**  
40 x 7 mm  
Fig. 5 - 6



**RH-746-04**  
40 x 7 mm  
Fig. 7 - 8



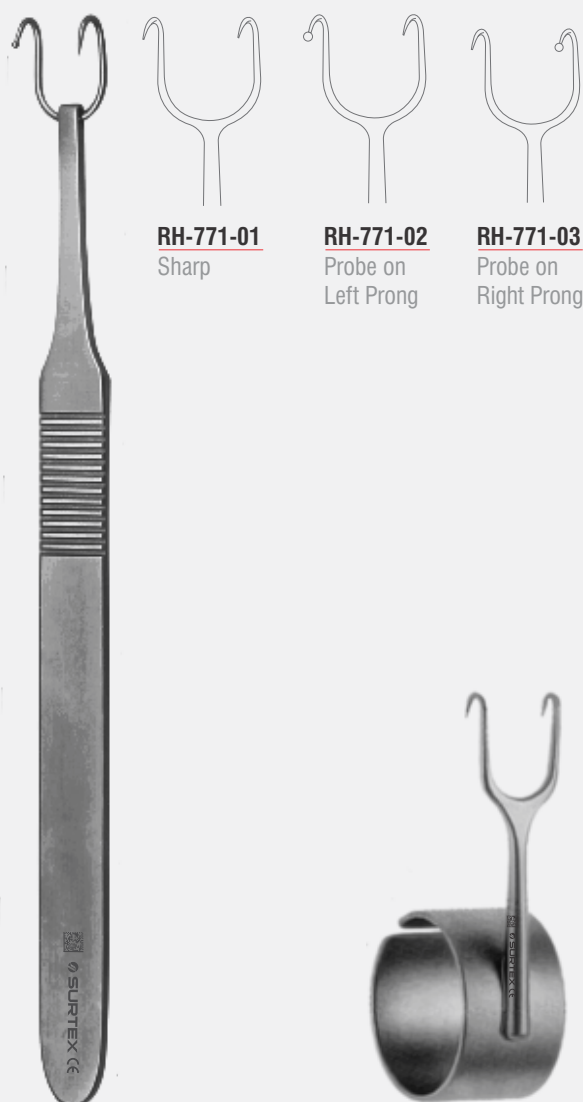
**RH-746-05**  
40 x 7 mm  
Fig. 9 - 10



Alar Hooklets, Nasal Retractors  
Nasenflügelhäkchen, Nasenhaken  
Ganchitos para alas de nariz, Separadores nasales  
Crochets pour les ailes du nez, Ecarteurs nasaux  
Uncini per le pinne nasali, Divaricatori nasali

RH

RHINOLOGY INSTRUMENTS



**RH-771-01**  
Sharp

**RH-771-02**  
Probe on  
Left Prong

**RH-771-03**  
Probe on  
Right Prong

**Cottle Alar Hook**  
Overall Length 14.5 cm (5 ¾")

**RH-775-00**  
**Cottle-Millard Finger Ring Retractor**  
5 x 12 mm  
Overall Length 5.5 cm (2 ¼")



**RH-781-01**  
18 x 9.5 mm

**RH-781-02**  
28 x 12.5 mm

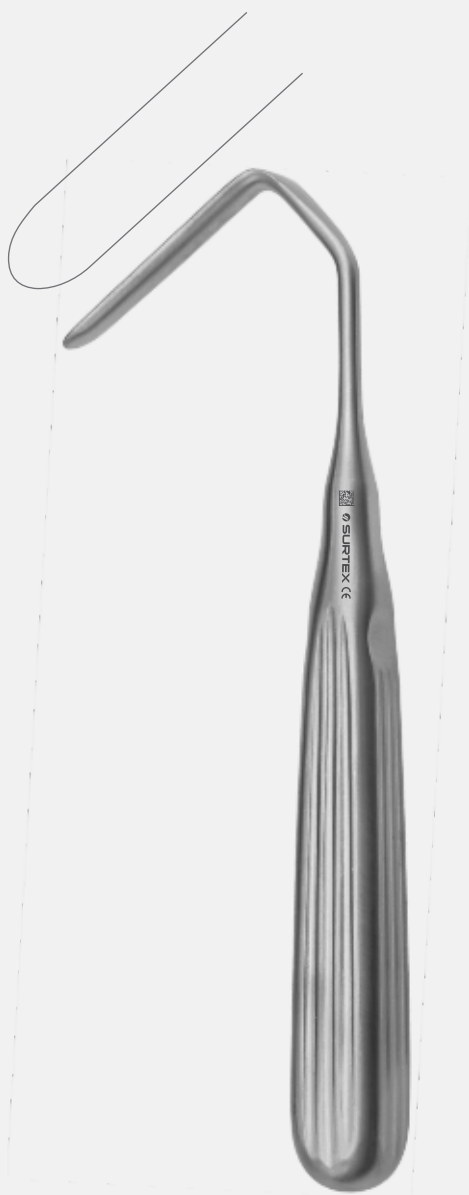
**RH-781-03**  
41 x 13.5 mm

**RH-781-04**  
53 x 13.5 mm

**Converse Nasal Retractor**  
Overall Length 9 cm (3 ½")



Nasal Retractors  
Nasenhaken  
Separadores nasales  
Ecarteurs nasaux  
Divaricatori nasali



**RH-785-19**  
**Aufricht Nasal Retractor**  
40 x 12 mm  
Overall Length 19 cm (7 ½")

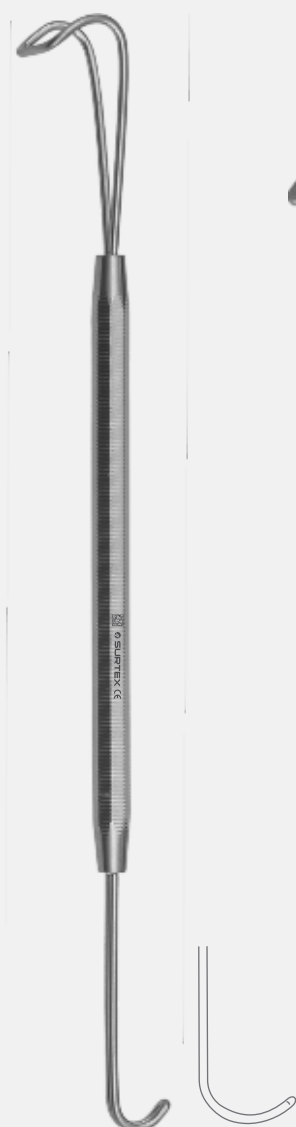


**RH-787-11**  
**Converse Nasal Retractor**  
44 x 11 mm  
Overall Length 10.5 cm (4")

Nasal Retractors  
Nasenhaken  
Separadores nasales  
Ecarteurs nasaux  
Divaricatori nasali

RH

RHINOLOGY INSTRUMENTS



**RH-789-16**  
**Neivert Nasal Retractor**  
Overall Length 17 cm (6 3/4")



**RH-791-15**  
**Cottle Alar Retractor**  
Overall Length 16 cm (6 1/4")



**RH-793-14**  
**Aufrecht Nasal Retractor**  
Blunt, 60 x 6.5 mm  
Overall Length 12 cm (4 3/4")



**RH-801-20**  
**Kressner Septum Forcep**  
Overall Length 21 cm (8 1/4")

Septum Straightening Forceps  
Septumrichtzangen  
Pinzas para enderezar el tabique nasal  
Pincers pour le redressement de la cloison nasale  
Pinze per raddizzare il setto nasale



**RH-804-01**  
Straight



**RH-804-02**  
Left



**RH-804-03**  
Right



**RH-807-23**  
Asch Septum Straightening Forcep  
Overall Length 22.5 cm (8 3/4")



**RH-811-15**  
Aiach Columella Suturing Forcep  
5.0 mm  
Overall Length 15.5 cm (6")

**Cottle-Walsham Septum Straightening Forcep**  
Overall Length 23 cm (9")

Septum Straightening Forceps  
Septumrichtzangen  
Pinzas para enderezar el tabique nasal  
Pincers pour le redressement de la cloison nasale  
Pinze per raddizzare il setto nasale

RH

RHINOLOGY INSTRUMENTS



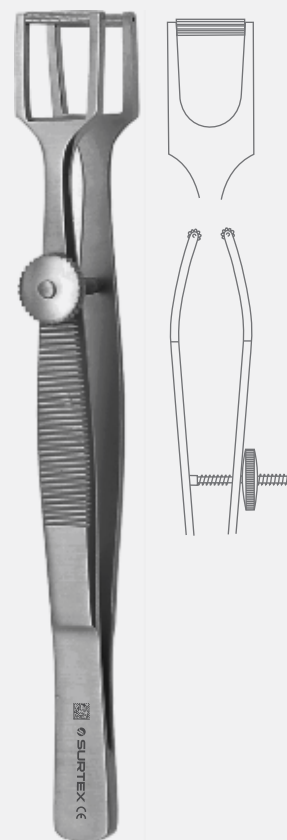
**RH-814-11**  
**Ogura Skin Grasping Forcep**  
4.0 mm  
Overall Length 11 cm (4 1/4")



**RH-816-12**  
**Derlacki Ossicle Holding Clamp**  
1.5 x 5.0 mm Vertical and  
1.5 x 2.0 Horizontal Grooves  
Overall Length 12.5 cm (5")



**RH-817-14**  
**Cottle Skin Grasping Forcep**  
1.7 mm  
Overall Length 14 cm (5 1/2")



**RH-820-11**  
**Cottle Columella Forcep**  
12.0 mm  
Overall Length 11 cm (4 1/4")

Antrum Cures, Adenoid Cures  
Antrumküretten, Ringmesser  
Curetas para el antro, Cuchillos para adenoides  
Curettes pour l'antre, Couteaux à végétations adénoïdales  
Curette per antro, Coltelli per vegetazioni adenoidee



**RH-822-11**  
**Hildmann Cartilage Forcep**  
Overall Length 11 cm (4 1/4")



**RH-839-21**  
**Faulkner Antrum Curette**  
Overall Length 21 cm (8 1/4")



**Coakley Antrum Curette**  
Overall Length 17 cm (6 3/4")



**RH-841-01**

**RH-841-02**

**RH-841-03**

**RH-841-04**

**RH-841-05**

**RH-841-06**

Adenoid Cures  
Ringmesser  
Cuchillos para adenoides  
Couteaux à végétations adénoïdales  
Coltelli per vegetazioni adenoidee

RH

RHINOLOGY INSTRUMENTS



**Kuhn-Bolger Frontal Sinus Curette**  
Overall Length 19 cm (7 1/2")

Adenoid Curettes  
Ringmesser  
Cuchillos para adenoides  
Couteaux à végétations adénoïdales  
Coltelli per vegetazioni adenoidee



**Beckmann Adenoid Curette**  
Overall Length 22.5 cm (8 ¾")



**RH-851-01**  
13.0 mm  
Fig. 1



**RH-851-02**  
15.0 mm  
Fig. 2



**RH-851-03**  
17.0 mm  
Fig. 3



**RH-851-04**  
19.0 mm  
Fig. 4



**RH-851-05**  
21.0 mm  
Fig. 5



**RH-851-06**  
23.0 mm  
Fig. 6



**Beckmann Adenoid Curette**  
Angled Shaft  
Overall Length 22 cm (8 ¾")



**RH-853-01**  
13.0 mm  
Fig. 1



**RH-853-02**  
15.0 mm  
Fig. 2



**RH-853-03**  
17.0 mm  
Fig. 3



**RH-853-04**  
19.0 mm  
Fig. 4



**RH-853-05**  
21.0 mm  
Fig. 5



**RH-853-06**  
23.0 mm  
Fig. 6

Adenoid Cures  
Ringmesser  
Cuchillos para adenoides  
Couteaux à végétations adénoïdales  
Coltelli per vegetazioni adenoidee

RH

RHINOLOGY INSTRUMENTS



**RH-855-01**  
11.0 mm  
Fig. 1

**RH-855-02**  
13.0 mm  
Fig. 2

**RH-855-03**  
15.0 mm  
Fig. 3

**RH-855-04**  
17.0 mm  
Fig. 4

**RH-855-05**  
19.0 mm  
Fig. 5

**Barnhill Adenoid Curette**  
Overall Length 22 cm (8 ¾")



**RH-857-01**  
10.0 mm  
Fig. 1

**RH-857-02**  
12.0 mm  
Fig. 2

**RH-857-03**  
14.0 mm  
Fig. 3

**RH-857-04**  
16.0 mm  
Fig. 4

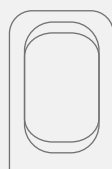
**St. Clair Thompson Adenoid Curette**  
Overall Length 21 cm (8 ¼")



Adenoid Curettes  
Ringmesser  
Cuchillos para adenoides  
Couteaux à végétations adénoïdales  
Coltelli per vegetazioni adenoidee



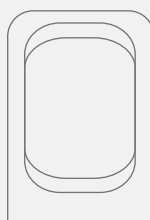
**LaForce Adenotome**  
With Non-Perforated Blade  
Overall Length 25 cm (9 3/4")



**RH-861-01**  
Fig. 1



**RH-861-02**  
Fig. 2



**RH-861-03**  
Fig. 3



**LaForce Blade**  
Non-Perforated

**RH-861-11**  
Small

**RH-861-12**  
Medium

**RH-861-13**  
Large

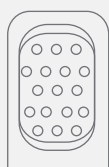
Adenoid Curettes  
Ringmesser  
Cuchillos para adenoides  
Couteaux à végétations adénoïdales  
Coltelli per vegetazioni adenoidee

RH

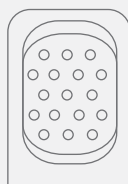
RHINOLOGY INSTRUMENTS



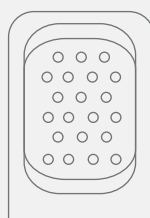
**LaForce Adenotome**  
With Non-Perforated Blade  
Overall Length 25 cm (9 ¾")



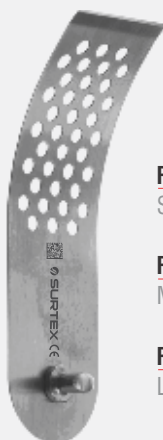
**RH-863-01**  
Fig. 1



**RH-863-02**  
Fig. 2



**RH-863-03**  
Fig. 3



**LaForce Blade**  
Perforated

**RH-863-11**  
Small

**RH-863-12**  
Medium

**RH-863-13**  
Large



Frontal Sinus Dilators  
Sinus-Dilatatoren  
Dilatadores para el seno  
Dilateurs pour le sinus frontal  
Dilatatori per il seno frontale



**RH-881-20**

Ø 2.0 mm

**RH-881-25**

Ø 2.5 mm

**RH-881-30**

Ø 3.0 mm

**RH-881-40**

Ø 4.0 mm

**Eicken-Killian Irrigation Cannula**  
Overall Length 14 cm (5 ½")



**RH-891-25**

Ø 2.5 mm

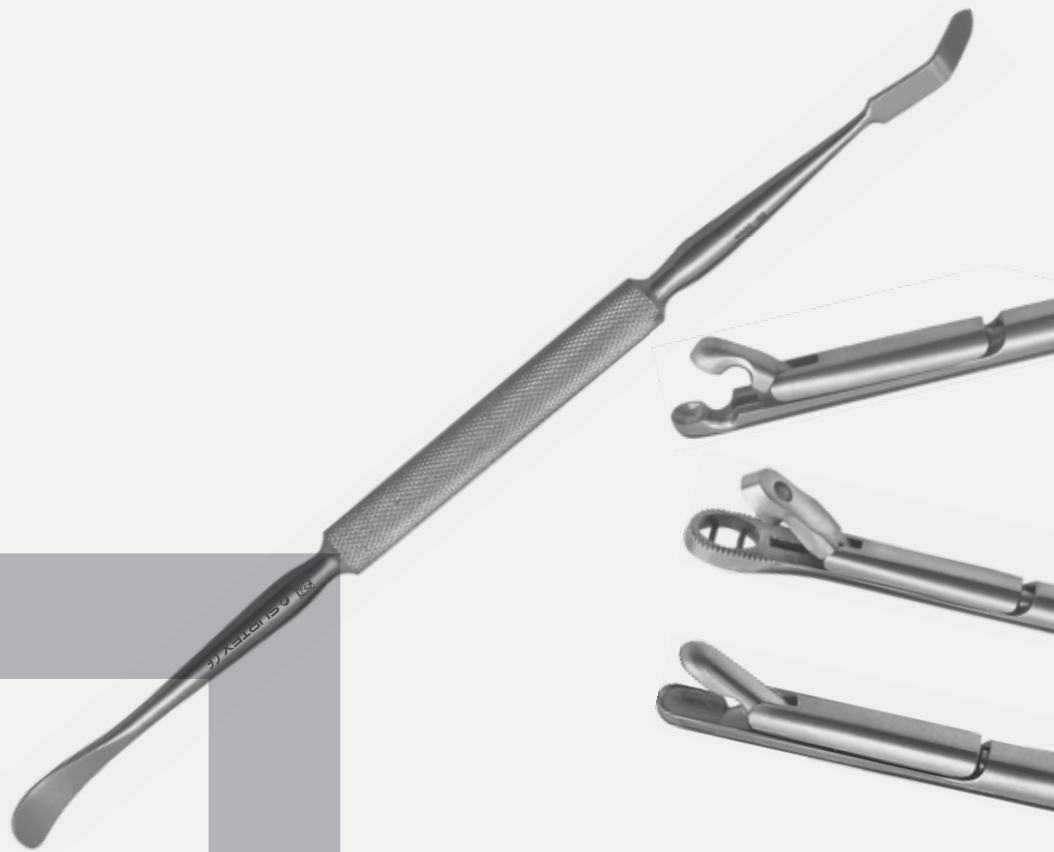
**RH-891-30**

Ø 3.0 mm

**RH-891-40**

Ø 4.0 mm

**Ritter-Halle Frontal Sinus Dilator**  
Overall Length 14.5 cm (5 ¾")



TL

## TONSILLECTOMY, LARYNGO-BRONCHOSCOPY

Tonsillektomie, Laryngo-Bronchoskopie

Tonsilectomía, Laringo-Bronchoscopia

Tonsillectomie, Laryngo-Bronchoscopie

Tonsilectomia, Laringo-Bronchoscopia



Tonsil Dissector / Retractors  
 Tonsillenelevator / Retractor  
 Disector / Separador para amígdalas  
 Dissecteur / Rétracteur pour amygdalas  
 Disettori / Retrattori per tonsille



**TL-011-21**  
**Fischer Tonsil Knife / Dissector**  
 Overall Length 21.5 cm (8 ½")



**TL-015-19**  
**Abraham Tonsil Knife**  
 Overall Length 19 cm (7 ½")



**TL-021-25**  
**Carpenter Tonsil Knife**  
 4.4 mm, 8.8 mm  
 Overall Length 25 cm (9 ¾")



**TL-027-24**  
**Carpenter Tonsil Dissector**  
 Overall Length 24 cm (9 ½")

Tonsil Dissector / Retractors  
Tonsillenelevator / Retractor  
Disector / Separador para amígdalas  
Dissecteur / Rétracteur pour amygdalas  
Disettori / Retrattori per tonsille

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**TL-031-22**  
**Hurd Tonsil Dissector / Retractor**  
11.0, 14.0 mm  
Overall Length 22.5 cm (8 3/4")



**TL-033-21**  
**Mollison Tonsil Dissector/Retractor**  
10. mm 10 mm  
Overall Length 21 cm (8 1/4")



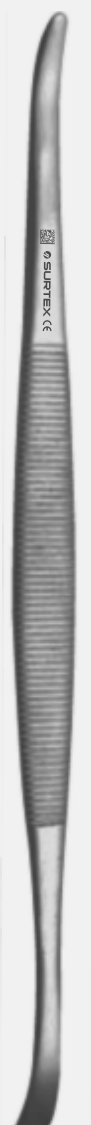
**Henke Tonsil Elevator**  
Overall Length 22.5 cm (8 3/4")

**TL-037-23**  
10.0, 5.0 mm

**TL-039-23**  
16.0, 5.0 mm



Tonsil Elevator / Retractors  
Tonsil Aufzüge / Wundhaken  
Amígdalas Elevadores / Separadores  
Amygdale Ascenseurs / Ecarteurs  
Tonsille Ascensori / Divaricatori



**TL-043-22**  
**Gwynne-Evans Tonsil Elevator**  
Overall Length 20 cm (8")



**TL-045-23**  
**Lopez-Reinke Tonsil Dissector**  
With Suction  
Overall Length 23 cm (9")



**TL-051-18**  
18 mm

**TL-051-20**  
20 mm

**TL-051-22**  
22 mm

**Love Tonsil Retractor**  
Overall Length 20 cm (8")

Tonsil Dissector / Retractors  
Tonsillenelevator / Retractor  
Disector / Separador para amígdalas  
Dissecteur / Rétracteur pour amygdalas  
Disettori / Retrattori per tonsille

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**TL-055-23**  
**Nager Tonsil Retractor**  
Overall Length 23 cm (9")



**TL-059-24**  
**Hofer Tonsil Retractor**  
Overall Length 24 cm (9 1/2")



**TL-063-17**  
**Haslinger Tonsil Retractor**  
Overall Length 17 cm (6 3/4")



**TL-065-00**  
**Roeder Tonsil Ligator**  
Overall Length 26.5 cm (10 1/2")





Tonsil Instruments  
Tonsil Instrumente  
Instrumentos de la amigdalas  
Instruments de amygdalae  
Strumenti Tonsille

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**TL-105-20**  
**Blohmke Tonsil Grasping Forcep**  
1 x 2 Teeth  
Overall Length 20 cm (8")



**Schnidt Tonsil Forcep**

**TL-111-19**  
Slightly Curved  
19 cm (7 1/2")

**TL-113-19**  
Strongly Curved  
18.5 cm (7 1/4")



**TL-115-20**  
**Wilson Tonsil Artery Forcep**  
Overall Length 20 cm (8")



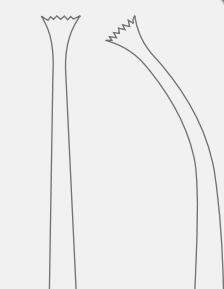
1:2



Tonsil Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille



**Colver Tonsil Grasping Forcep**  
Overall Length 19 cm (7 ½")



**TL-116-19**  
Straight

**TL-117-19**  
Curved



**TL-119-22**  
**Denis-Browne Tonsil Holding Forcep**  
Curved  
Overall Length 22 cm (8 ½")



**TL-120-20**  
**Museux Tonsil Grasping Forcep**  
Curved  
Overall Length 20 cm (8")

Tonsil Instruments  
Tonsil Instrumente  
Instrumentos de la amigdalita  
Instrumentos de amigdales  
Strumenti Tonsille

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**TL-150-28**  
**Eves Tonsil Snare**  
Without Ratchet  
Overall Length 28.5 cm (11 1/4")



**TL-152-28**  
**Eves Tonsil Snare**  
With Ratchet  
Overall Length 28.5 cm (11 1/4")



**TL-156-29**  
**Bruenings Tonsil Snare**  
With Double Ratchet  
Overall Length 29 cm (11 1/2")



**Wire Loop for Tonsil Snare**  
Pack of 100

**TL-161-40**  
Ø 40.0 mm

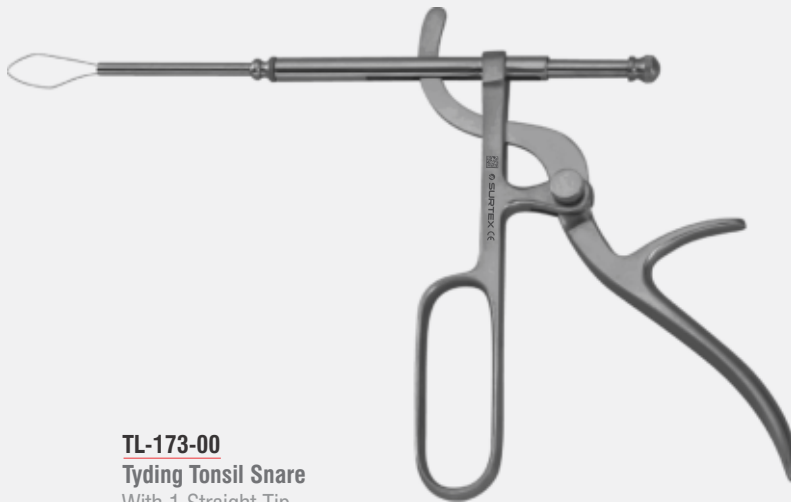
**TL-161-50**  
Ø 50.0 mm



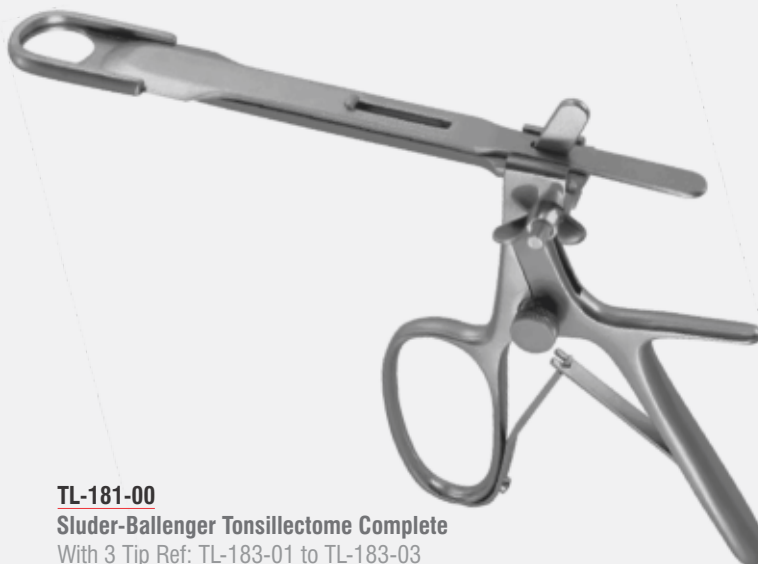
**TL-163-00**  
**Snare Wire**  
Pack of 100  
Ø 0.3 mm



Tonsil Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille



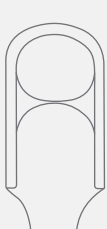
**TL-173-00**  
**Tying Tonsil Snare**  
With 1 Straight Tip



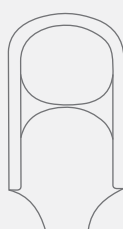
**TL-181-00**  
**Sluder-Ballenger Tonsillectome Complete**  
With 3 Tip Ref: TL-183-01 to TL-183-03



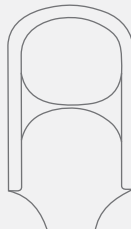
**TL-181-01**  
**Sluder-Ballenger Tonsillectome Handle Only**



**TL-183-01**  
Fig. 1



**TL-183-02**  
Fig. 2



**TL-183-03**  
Fig. 3

**Sluder-Ballenger Tonsillectome Tip**

Tonsil Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**TL-191-14**  
**Corwin Tonsil Haemostat**  
Overall Length 14 cm (5 1/2")



**Hartmann Tonsil Punch**  
Through Cutting  
Overall Length 12 cm (4 3/4")

**TL-201-13**  
Ø 13.0 mm

**TL-201-15**  
Ø 15.0 mm

**TL-201-17**  
Ø 17.0 mm



**Schmeden Tonsil Punch**  
Through Cutting  
Overall Length 12 cm (4 3/4")

**TL-213-01**

**TL-213-02**

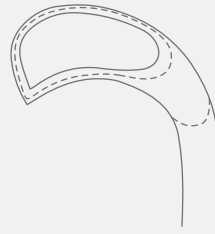
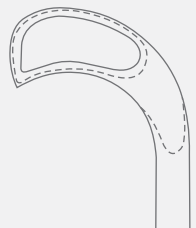
**TL-213-03**



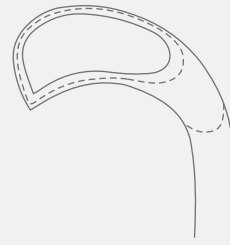
Tonsil Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille



**TL-215-01**  
Fig. 1



**TL-215-02**  
Fig. 2



**TL-215-03**  
Fig. 3

**Jurasz**  
Adenoid Cutting Forcep  
Overall Length 21 cm (8 1/4")



**TL-251-01**  
Fishbone Laryngeal Grasping Forcep  
Serrated Jaws Open Upwards  
Overall Length 22 cm (8 3/4")



**TL-301-01**  
Huber Universal Handle

Tonsil Instruments  
Tonsil Instrumente  
Instrumentos de la amigdalas  
Instruments de amygdalas  
Strumenti Tonsille

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**TL-302-20**  
20 cm (8")

**TL-302-30**  
30 cm (12")

**TL-302-40**  
40 cm (16")

**Bruenings Interchangeable Tube**  
Straight



**TL-303-20**  
**Bruenings Interchangeable Tube**  
Curved  
Overall Length 20 cm (8")



Microlaryngeal Instruments  
Mikrolaryngeale Instrumente  
Microlaryngeal Instrumentos  
Instruments de Microlaryngeal  
Strumenti Microlaryngeal



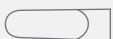
**TL-310-01**

Fraenkel Broncho-Esophagoscopy Forcep Tip



**TL-314-01**

Seiffert Broncho-Esophagoscopy Forcep Tip



**TL-318-01**

Fraenkel Broncho-Esophagoscopy Forcep Tip



**TL-321-01**

Scheinmann Broncho-Esophagoscopy Forcep Tip



**TL-323-01**

Scheinmann Broncho-Esophagoscopy Forcep Tip

Microlaryngeal Instruments  
 Mikrolaryngeale Instrumente  
 Microlaryngeal Instrumentos  
 Instruments de Microlaryngeal  
 Strumenti Microlaryngeal

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**Bruenings Broncho-Esophagoscopy Forcep Tip**



**TL-326-02**



**TL-326-03**



**Bruenings Broncho-Esophagoscopy Forcep Tip**



**TL-328-02**



**TL-328-03**



**TL-334-01**

**Lange Broncho-Esophagoscopy Forcep Tip**



**Krause Broncho-Esophagoscopy Forcep Tip**



**TL-338-01**



**TL-338-02**



**TL-342-01**

**Krause Broncho-Esophagoscopy Forcep Tip**

Microlaryngeal Instruments  
Mikrolaryngeale Instrumente  
Microlaryngeal Instrumentos  
Instruments de Microlaryngeal  
Strumenti Microlaryngeal



**Cordes Broncho-Esophagoscopy Forcep Tip**



**TL-347-01**



**TL-347-02**



**TL-347-03**



**TL-347-04**



**Cordes Broncho-Esophagoscopy Forcep Tip**



**TL-353-01**



**TL-353-02**



**TL-359-01**

**Rosenberg Broncho-Esophagoscopy Forcep Tip**



**TL-349-01**

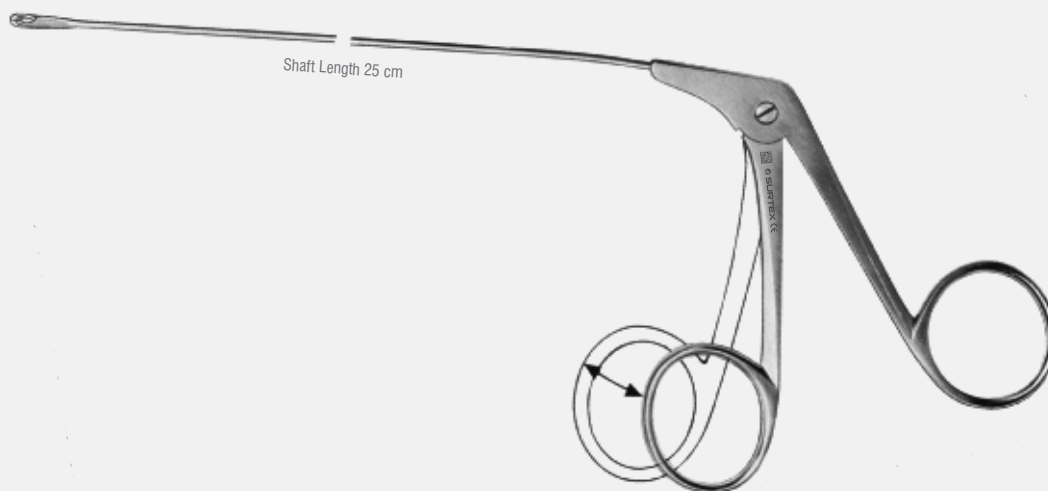
**Schumacher Broncho-Esophagoscopy Forcep Tip**



**TL-357-01**

**Cordes Broncho-Esophagoscopy Forcep Tip**

Microlaryngeal Instruments  
Mikrolaryngeale Instrumente  
Microlaryngeal Instrumentos  
Instruments de Microlaryngeal  
Strumenti Microlaryngeal



**\* Micro Laryngeal Scissors**



**TL-361-01**  
Straight, 25 cm



**TL-361-03**  
Angled Up, 25 cm



**TL-361-05**  
Curved Right, 25 cm



**TL-361-02**  
Straight Horizontal 25 cm



**TL-361-04**  
Angled Up Horizontal 25 cm



**TL-361-06**  
Curved Left, 25 cm

**\* Micro Laryngeal Forceps**



**TL-363-01**  
Straight, 25 cm



**TL-363-03**  
Angled Up Horizontal, 25 cm



**TL-363-05**  
Curved Left, 25 cm



**TL-363-02**  
Straight Horizontal, 25 cm



**TL-363-04**  
Curved Right, 25 cm



**TL-363-06**  
25 cm

**\* Micro Laryngeal Forceps**  
Cup Shaped, Ø 2.5 mm



**TL-365-01**  
Straight, 25 cm



**TL-365-03**  
Angled Up Horizontal, 25 cm



**TL-365-05**  
Curved Left 25 cm



**TL-365-02**  
Angled Up, 25 cm



**TL-365-04**  
Curved Right, 25 cm



**TL-365-06**  
Oval Shaped, 25 cm

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



Microlaryngeal Instruments  
Mikrolaryngeale Instrumente  
Microlaryngeal Instrumentos  
Instruments de Microlaryngeal  
Strumenti Microlaryngeal



**\* Micro Laryngeal Forceps**  
For Children  
Shaft Length 35 cm (13 3/4")



**TL-367-01**



**TL-367-02**



**TL-367-03**



**TL-367-04**  
Ø 3.0 mm



**TL-367-05**  
Ø 3.0 mm



**TL-367-06**  
Ø 3.0 mm



**TL-367-07**  
Ø 3.0 mm



**TL-367-08**  
Ø 3.0 mm



**TL-367-09**  
2 x 5 mm



**TL-367-10**  
3 x 5 mm



**TL-367-11**

**\* Micro Laryngeal Forceps**  
For Adults



**TL-369-01**  
Shaft Length 40 cm (15 3/4")



**TL-369-02**  
Shaft Length 40 cm (15 3/4")



**TL-369-03**  
Shaft Length 40 cm (15 3/4")



**TL-369-04**  
Shaft Length 40 cm (15 3/4")



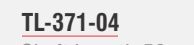
**TL-371-01**  
Shaft Length 50 cm (20")



**TL-371-02**  
Shaft Length 50 cm (20")



**TL-371-03**  
Shaft Length 50 cm (20")



**TL-371-04**  
Shaft Length 50 cm (20")



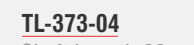
**TL-373-01**  
Shaft Length 60 cm (23")



**TL-373-02**  
Shaft Length 60 cm (23")



**TL-373-03**  
Shaft Length 60 cm (23")



**TL-373-04**  
Shaft Length 60 cm (23")

Microlaryngeal Instruments  
 Mikrolaryngeale Instrumente  
 Microlaryngeal Instrumentos  
 Instruments de Microlaryngeal  
 Strumenti Microlaryngeal

\* **Micro Laryngeal Forceps**  
 For Adults



**TL-369-05**

Shaft Length 40 cm (15 3/4")

**TL-371-05**

Shaft Length 50 cm (20")

**TL-373-05**

Shaft Length 60 cm (23")



**TL-369-09**

Shaft Length 40 cm (15 3/4")

**TL-371-09**

Shaft Length 50 cm (20")

**TL-373-05**

Shaft Length 60 cm (23")



**TL-369-13**

Shaft Length 40 cm (15 3/4")

**TL-371-13**

Shaft Length 50 cm (20")

**TL-373-13**

Shaft Length 60 cm (23")



**TL-369-06**

Shaft Length 40 cm (15 3/4")

**TL-371-06**

Shaft Length 50 cm (20")

**TL-373-06**

Shaft Length 60 cm (23")



**TL-369-10**

Shaft Length 40 cm (15 3/4")

**TL-371-09**

Shaft Length 50 cm (20")

**TL-373-06**

Shaft Length 60 cm (23")



**TL-369-07**

Shaft Length 40 cm (15 3/4")

**TL-371-07**

Shaft Length 50 cm (20")

**TL-373-07**

Shaft Length 60 cm (23")



**TL-369-11**

Shaft Length 40 cm (15 3/4")

**TL-371-11**

Shaft Length 50 cm (20")

**TL-373-07**

Shaft Length 60 cm (23")



**TL-369-08**

Shaft Length 40 cm (15 3/4")

**TL-371-08**

Shaft Length 50 cm (20")

**TL-373-08**

Shaft Length 60 cm (23")



**TL-369-12**

Shaft Length 40 cm (15 3/4")

**TL-371-12**

Shaft Length 50 cm (20")

**TL-373-08**

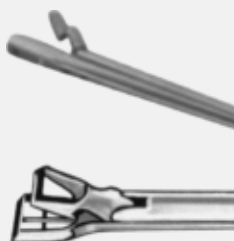
Shaft Length 60 cm (23")

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



Tonsillectomy Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille



**TL-381-30**

30 cm (12")

**TL-381-40**

40 cm (15 3/4")

**TL-381-50**

50 cm (19 1/2")

**TL-381-60**

60 cm (23 1/2")

**Chevalier-Jackson Square Punch**



**TL-383-30**

30 cm (12")

**TL-383-40**

40 cm (15 3/4")

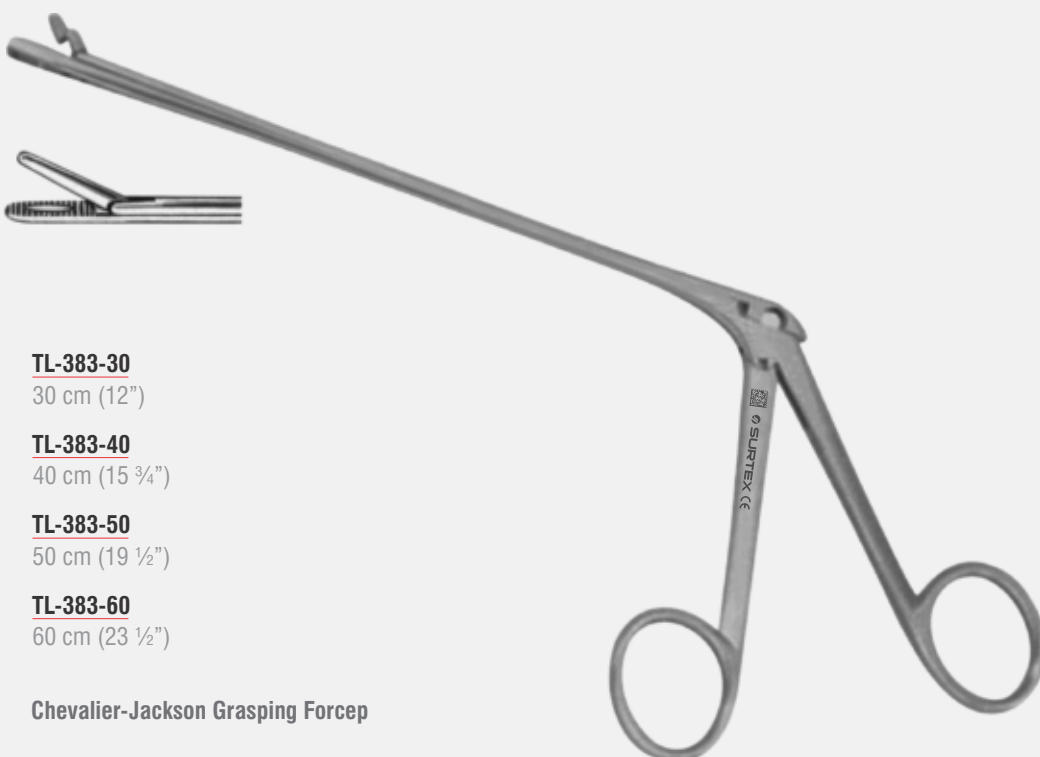
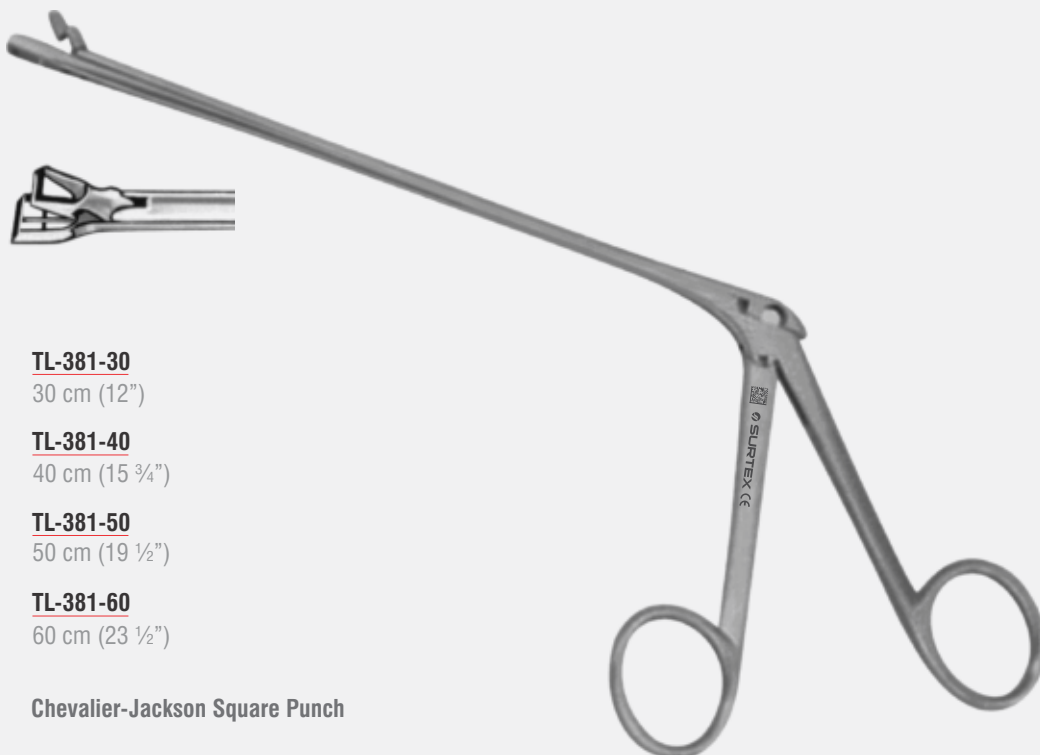
**TL-383-50**

50 cm (19 1/2")

**TL-383-60**

60 cm (23 1/2")

**Chevalier-Jackson Grasping Forcep**



Tonsillectomy Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille



**TL-385-30**

30 cm (12")

**TL-385-40**

40 cm (15 3/4")

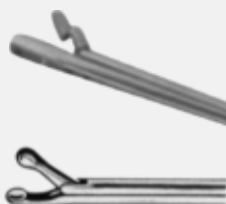
**TL-385-50**

50 cm (19 1/2")

**TL-385-60**

60 cm (23 1/2")

**Chevalier-Jackson Grasping Forcep**



**TL-387-30**

30 cm (12")

**TL-387-40**

40 cm (15 3/4")

**TL-387-50**

50 cm (19 1/2")

**TL-387-60**

60 cm (23 1/2")

**Chevalier-Jackson Cup Shaped Biopsy Forcep**  
Straight



TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



Tonsillectomy Instruments  
 Tonsil Instrumente  
 Instrumentos de la amígdala  
 Instruments de amygdales  
 Strumenti Tonsille



**TL-389-30**

30 cm (12")

**TL-389-40**

40 cm (15 3/4")

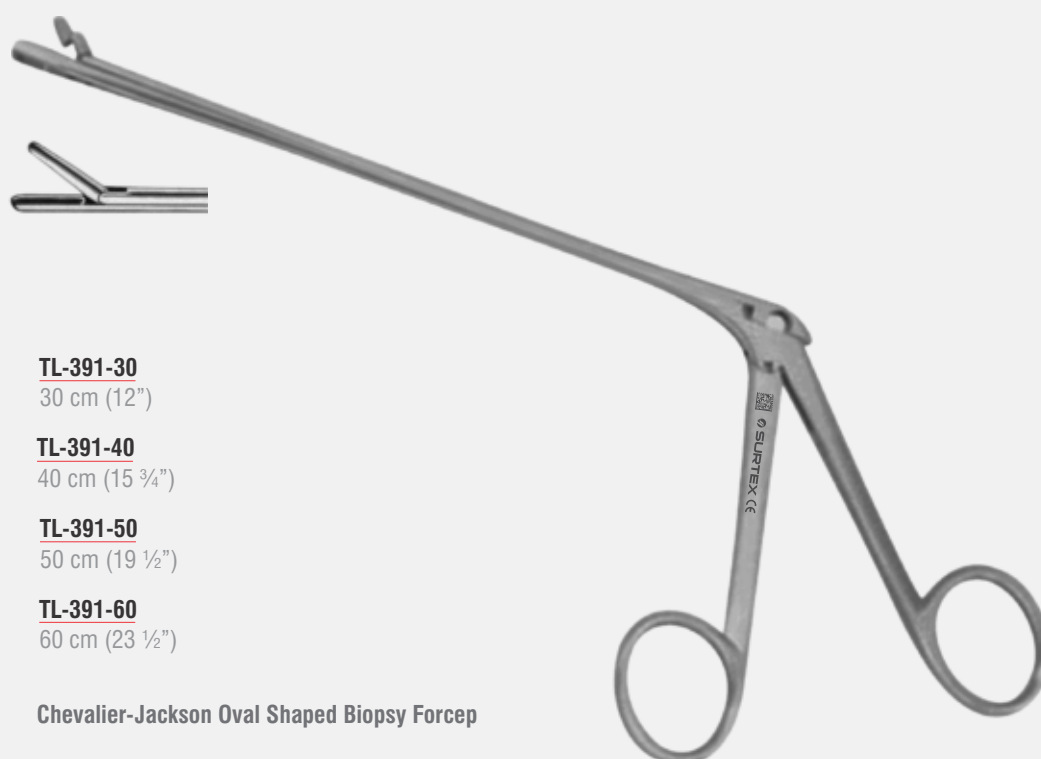
**TL-389-50**

50 cm (19 1/2")

**TL-389-60**

60 cm (23 1/2")

**Chevalier-Jackson Basket Punch**



**TL-391-30**

30 cm (12")

**TL-391-40**

40 cm (15 3/4")

**TL-391-50**

50 cm (19 1/2")

**TL-391-60**

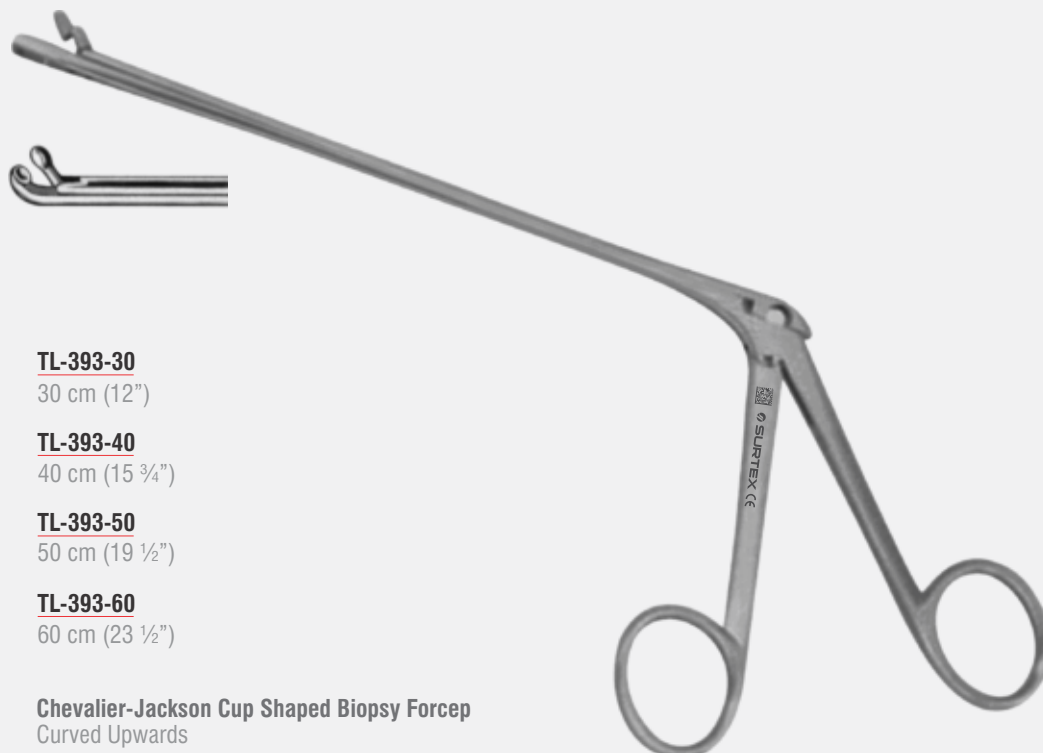
60 cm (23 1/2")

**Chevalier-Jackson Oval Shaped Biopsy Forcep**

Tonsillectomy Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**TL-393-30**

30 cm (12")

**TL-393-40**

40 cm (15 3/4")

**TL-393-50**

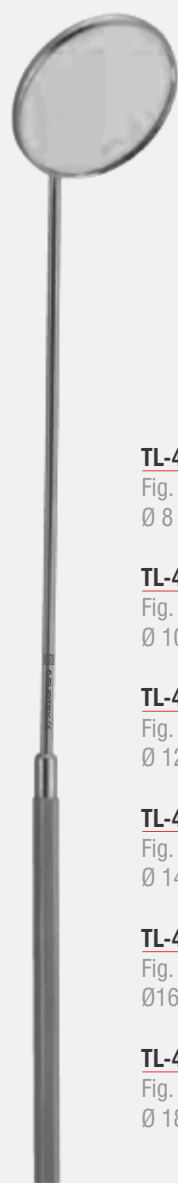
50 cm (19 1/2")

**TL-393-60**

60 cm (23 1/2")

**Chevalier-Jackson Cup Shaped Biopsy Forcep**  
Curved Upwards

Tonsillectomy Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille



**TL-402-08**

Fig. 00  
Ø 8 mm

**TL-402-10**

Fig. 0  
Ø 10 mm

**TL-402-12**

Fig. 1  
Ø 12 mm

**TL-402-14**

Fig. 2  
Ø 14 mm

**TL-402-16**

Fig. 3  
Ø 16 mm

**TL-402-18**

Fig. 4  
Ø 18 mm

**TL-402-20**

Fig. 5  
Ø 20 mm

**TL-402-22**

Fig. 6  
Ø 22 mm

**TL-402-24**

Fig. 7  
Ø 24 mm

**TL-402-26**

Fig. 8  
Ø 26 mm

**TL-402-28**

Fig. 9  
Ø 28 mm

**TL-402-30**

Fig. 10  
Ø 30 mm

**Laryngeal Mirror**

Rhodium Plated With Fixed Handle  
Overall Length 18.5 cm (7 ¼")



**TL-406-08**

Fig. 00  
Ø 8 mm

**TL-406-10**

Fig. 0  
Ø 10 mm

**TL-406-12**

Fig. 1  
Ø 12 mm

**TL-406-14**

Fig. 2  
Ø 14 mm

**TL-406-16**

Fig. 3  
Ø 16 mm

**TL-406-18**

Fig. 4  
Ø 18 mm

**TL-406-20**

Fig. 5  
Ø 20 mm

**TL-406-22**

Fig. 6  
Ø 22 mm

**TL-406-24**

Fig. 7  
Ø 24 mm

**TL-406-26**

Fig. 8  
Ø 26 mm

**TL-406-28**

Fig. 9  
Ø 28 mm

**TL-406-30**

Fig. 10  
Ø 30 mm

**Laryngeal Mirror**

Rhodium Plated Without Handle  
Overall Length 13.5 cm (5 ¼")

Tonsillectomy Instruments  
Tonsil Instrumente  
Instrumentos de la amígdala  
Instruments de amygdales  
Strumenti Tonsille

TL

TONSILLECTOMY, LARYNGO-BRONCHOSCOPY INSTRUMENTS



**TL-413-12**

Fig. 1  
Ø 12 mm

**TL-413-14**

Fig. 2  
Ø 14 mm

**TL-413-16**

Fig. 3  
Ø 16 mm

**TL-413-18**

Fig. 4  
Ø 18 mm

**Michel Laryngeal Mirror**  
With Handle , Moveable Mirror  
Overall Length 25 cm (9 ¾")



**TL-420-10**  
**Laryngeal Mirror Handle**  
Overall Length 10 cm (4")





TM

## TRACHEOSTOMY INSTRUMENTS

Tracheotomie

Traqueotomía

Trachéotomie

Tracheotomia



Tracheal Dilators  
Trachealdilatatoren  
Dilatadores traqueales  
Dilatateurs pour la trachéotomie  
Dilatatori per tracheotomia



**TM-101-75**

Ø 7.5 mm

**TM-101-90**

Ø 9.0 mm

**Uckermann Tracheotomy Trocar**  
Overall Length 11.5 cm (4 ½")



**TM-151-14**

**Laborde Tracheal Dilator**

Overall Length 14 cm (5 ½")

Tracheal Dilators, Tracheal Hooks  
Trachealdilatatoren, Trachealhaken  
Dilatadores traqueales, Ganchos traqueales  
Dilatateurs pour la trachéotomie, Ecarteurs pour trachéotomie  
Dilatatori per tracheotomia, Uncini tracheali

TM

TRACHEOSTOMY INSTRUMENTS



**TM-155-14**  
**Trousseau Tracheal Dilator**  
Overall Length 14.5 cm (5 ¾")



**TM-161-07**  
**Bose Tracheal Retractor**  
Overall Length 7 cm (2 ¾")



**TM-165-01**  
Left

**TM-165-02**  
Right

**Bose Tracheal Retractor**  
Overall Length 16 cm (6 ¼")





Tracheal Hooks  
Trachealhaken  
Ganchos traqueales  
Ecarteurs pour trachéotomie  
Uncini tracheali



**TM-171-16**  
Sharp

**Iterson Tracheal Hook**  
Overall Length 17 cm (6 ¾")



**TM-173-16**  
Blunt

**TM-181-21**  
**Schoeborn Tracheal Retractor**  
Overall Length 21 cm (8 ¼")



**TM-183-13**  
**Rose Tracheal Retractor**  
Overall Length 13.5 cm (5 ¼")



**TM-185-11**  
**Luer Tracheal Retractor**  
Overall Length 11 cm (4 ½")

Goitre Enucleator  
Kropfsonden  
Sondas para bocio  
Spatules à goître  
Uncini tracheali

TM

TRACHEOSTOMY INSTRUMENTS



**TM-189-17**  
**Lukens Thymus Retractor**  
Blunt  
Overall Length 17.5 cm (7")



**TM-191-17**  
**Jackson Tracheal Hook**  
Overall Length 18 cm (7")

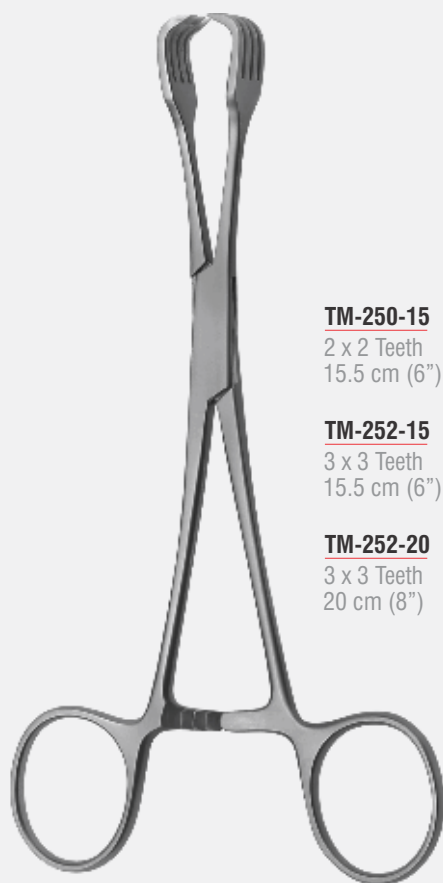


**TM-201-15**  
Without Eye

**TM-203-15**  
With Eye

**Kocher Goiter Enucleator**  
Overall Length 16.5 cm (6 ½")

Goitre Grasping Forceps, Tracheal Tubes  
Kropffasszangen, Trachealkanülen  
Pinzas para coger el bocio, Cánulas traqueales  
Pincès à goitre, Canules tracheales  
Pinze per gozzo, Cannule tracheali



**TM-250-15**  
2 x 2 Teeth  
15.5 cm (6")

**TM-252-15**  
3 x 3 Teeth  
15.5 cm (6")

**TM-252-20**  
3 x 3 Teeth  
20 cm (8")

**Lahey Goiter Grasping Forcep**



**Luer Tracheal Tube**

|                                               |                                               |                                               |                                               |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| <b>TM-301-04</b><br>45 mm<br>Ø 4.0<br>Fig. 0  | <b>TM-301-05</b><br>40 mm<br>Ø 5.0<br>Fig. 1  | <b>TM-301-06</b><br>55 mm<br>Ø 6.0<br>Fig. 2  | <b>TM-301-07</b><br>60 mm<br>Ø 4.0<br>Fig. 3  |
| <b>TM-301-08</b><br>65 mm<br>Ø 8.0<br>Fig. 4  | <b>TM-301-09</b><br>70 mm<br>Ø 9.0<br>Fig. 5  | <b>TM-301-10</b><br>75 mm<br>Ø 10.0<br>Fig. 6 | <b>TM-301-11</b><br>80 mm<br>Ø 11.0<br>Fig. 7 |
| <b>TM-301-12</b><br>85 mm<br>Ø 12.0<br>Fig. 8 | <b>TM-301-13</b><br>90 mm<br>Ø 13.0<br>Fig. 9 |                                               |                                               |

Tracheal Tubes  
Trachealkanülen  
Cánulas traqueales  
Canules tracheales  
Cannule tracheali

**TM**

TRACHEOSTOMY INSTRUMENTS



**Chevalier-Jackson Tracheal Tube**

**TM-321-04**

45 mm  
Ø 4.0  
Fig. 0

**TM-321-05**

40 mm  
Ø 5.0  
Fig. 1

**TM-321-06**

55 mm  
Ø 6.0  
Fig. 2

**TM-321-07**

60 mm  
Ø 7.0  
Fig. 3

**TM-321-08**

65 mm  
Ø 8.0  
Fig. 4

**TM-321-09**

70 mm  
Ø 9.0  
Fig. 5

**TM-321-10**

75 mm  
Ø 10.0  
Fig. 6

**TM-321-11**

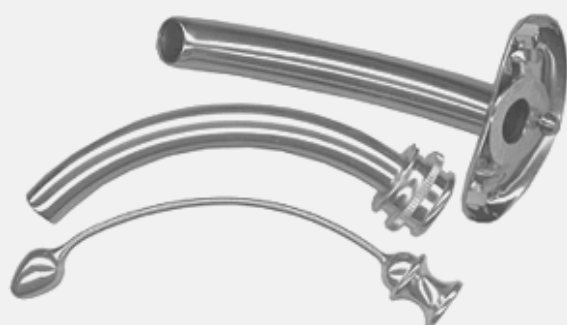
80 mm  
Ø 11.0  
Fig. 7

**TM-321-12**

85 mm  
Ø 12.0  
Fig. 8

**TM-321-13**

90 mm  
Ø 13.0  
Fig. 9



**Speaking Tube**

**TM-351-08**

65 mm  
Fig. 4

**TM-351-09**

70 mm  
Fig. 5

**TM-351-10**

75 mm  
Fig. 6

**TM-351-11**

80 mm  
Fig. 7

**TM-351-12**

85 mm  
Fig. 8

**TM-351-13**

90 mm  
Fig. 9



## General Terms and Conditions of Sales

### 1. Definitions

“**Company**” means Surtex Instruments Ltd (registered in the United Kingdom under number 7035724).

“**Contract**” means the Order accepted by the Company and incorporating these conditions.

“**Customer**” means the company, firm or organisation who's Order for the Goods is accepted by the Company.

“**Goods**” means the goods which the Company agrees to supply in accordance with these conditions and which are identified on the Order. “**Order**” means the order for the purchase of the Goods submitted by the Customer.

“**Goods**” means the goods agreed to be provided to the customs by Surtex Instrument Ltd.

“**Quotation**” means the quotation by Surtex Instruments stating the price at which and the time period during which it will supply the goods to the customer.

1. Any reference to a law is a reference to it as in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.
2. Where a condition provides for a list of items following the word “including” or “includes”, then such list is not to be interpreted as being an exhaustive list.

### 2. General

- 2.1 Headings are purely for the ease of reference and do not form part of effect the interpretation of Conditions.
- 2.2 In the event of a conflict the contractual documents shall be applied in the following order:
  - a) the Quotation
  - b) the Conditions
- 2.3 No other terms and conditions or warranted are to be incorporated into the Contract unless agreed expressly in writing with Surtex Instruments. In particular, the Customer's terms and conditions are expressly excluded whether provided in full, referred to in other documents and whether before or after the Contract is formed.
- 2.4 Surtex Instruments may update or amend these Conditions from time to time to comply with the law or to meet the changing business requirements without notice to the customer.

### 3. Ordering

- 3.1 Each Order (whether submitted by telephone, fax, post, email or electronic ordering system) shall be deemed to be an offer by the Customer to purchase the Goods pursuant to these conditions. The Company may, at its complete discretion, refuse to accept any Order. The Contract will be formed upon confirmation of acceptance of the Customer's purchase order by Surtex Instruments.
- 3.2 The Customer shall be responsible to the Company for ensuring the accuracy of the terms of any Order (including the description of the Goods ordered).

Samples and Free of Charge Goods

- 3.3 For the avoidance of doubt, where no order is placed and the Company provides Samples, to familiarize the Customer with the goods, as part of a sampling program or where the Company provides Free of Charge Goods to the Customer as part of a clinical trial or compassionate use program these conditions shall, to the extent applicable, apply to such Samples and Free of Charge Goods.

### 4. Prices

- 4.1 The price is exclusive of VAT and all other applicable taxes and duties, which the Customer shall be additionally liable to pay the Surtex Instruments.
- 4.2 All prices quoted are subject to change up to the date of delivery, subject to prior written notice by Surtex Instruments.
- 4.3 Surtex Instruments reserves the right, by giving notice to the Customer at any time before delivery, to increase the price of the Goods to reflect any increase in the cost of Surtex Instruments which is due to any factor beyond the reasonable control of Surtex Instruments.
- 4.4 Errors on Surtex Instruments website prices and availability of products and services are subject to change without notice errors will be corrected where discovered, and Surtex Instruments reserves the right to revoke any stated offer and to correct any errors, inaccuracies or omissions including after an order has been submitted and whether or not the order has been confirmed and your credit card charged. Surtex Instruments shall have the right to refuse or cancel any orders placed for product listed at the incorrect price. Surtex Instruments shall have the right to refuse or cancel any such orders whether or not the order has been confirmed and your credit card charged. If your credit card has already been charged for the purchase and your order is cancelled, Surtex Instruments will issue a credit to your credit card account in the amount of the charge. Individual bank policies will dictate when this amount is credited to your account. If you are not fully satisfied with your purchase, you may return it in accordance with Surtex Instruments' Return Policy.

### 5. Delivery

- 5.1 Delivery of the Goods shall be made to the delivery address specified as stated on the Pro Forma Invoice or communicated separately whichever is greater after the date of the Surtex Instruments acceptance of the Order.
- 5.2 Surtex Instruments reserves the right to withhold delivery of any Goods if any sum due under any contract with the Customer is overdue or if, in the reasonable opinion of Surtex Instruments, the financial standing of the Customer has been impaired for any other reason.
- 5.3 Time for delivery shall not be of the essence and, Surtex Instruments shall not be liable for any loss or damage whatever due to any failure by the Surtex Instruments to deliver the Goods (or any of them) promptly or at all. The customer will have no right damages or to cancel the order for any failure to meet the delivery times stated.
- 5.4 The delivery of the Goods may happen by separate instalments. Each separate instalment shall be invoiced and paid for in accordance with the provisions of the Contract. Each instalment shall be a separate Contract and no cancellation or termination of any one Contract relating to an instalment shall entitle the Customer to repudiate or cancel any other Contractor instalment.
- 5.5 The Customer shall take delivery of the Goods promptly whenever they are tendered for delivery (which shall include signing the relevant delivery note) If, for any reason, the Customer fails to take such delivery of the Goods or otherwise causes or requests a delay in delivery:
  - a) The Goods shall be deemed to have been delivered;
  - b) Risk in the Goods shall pass to the Customer, and
  - c) Surtex Instruments shall be entitled to store or arrange for the storage of the Goods until actual delivery and charge the Customer for the reasonable costs (including insurance) of such storage and any additional charges incurred in delivering the Goods at a later date.
- 5.6 The Customer shall ensure that adequate and safe facilities and procedures exist at the Customer's premises for the delivery of the Goods.
- 5.7 The Customer shall immediately notify Surtex Instruments Customer Support Centre if the Goods are not received within 10 days of the specified delivery date.
- 5.8 The customer outside of the UK shall be solely responsible for obtaining all import authorisations.

### 6. Title and Risk

- 6.1 The Goods shall be at the Customer's risk at the time of delivery unless the parties have agreed in writing that the Goods are to be collected from the Surtex Instruments premises, in which case, the Goods shall be at the Customer's risk when Surtex Instruments notifies the Customer that the Goods are available for collection.
  1. Property in the Goods shall not pass from Surtex Instruments until:
    - a) The Customer has paid the price in full; and
    - b) No other sums whatsoever are due from the Customer to Surtex Instruments.

2. Until property in the Goods passes to the Customer in accordance with the condition 6.1, the Customer shall:

- a) Hold the Goods on a fiduciary basis as bailed for Surtex Instruments
- b) Store the Goods separately from all other goods in its possession and mark them in such a way that they are clearly identified as Surtex Instrument's property; and
- c) Maintain the Goods in satisfactory condition and keep them insured on Surtex Instrument's behalf for their full price.

3. The Customer may sell at full market value or use the Goods only in the ordinary course of the Customer's business. Any such sale or dealing shall be a sale or use of Surtex Instrument's property on the Customer's own behalf and the Customer shall deal as principal when making such sales or dealings. Until property in the Goods passes from Surtex Instruments, the proceeds of sale or otherwise of the Goods, to the full extent of the price of the Goods, shall be held in trust for Surtex Instruments and shall not be mixed with other money or paid into any overdrawn bank account and shall be at all material times identified as Surtex Instruments money.

4. Surtex Instruments shall be entitled to recover the price notwithstanding that property in any of the Goods has not passed from Surtex Instruments.

5. Until such time as the property in the Goods passes from Surtex Instruments, if the Customer: a) Enters into liquidation or has a winding-up order made against it or has an administrator, receiver or manager appointed in respect of its assets; or b) Fails to make payment in accordance with these conditions, the Customer shall upon request deliver up Surtex Instruments such of the Goods as have not ceased to be in existence or resold. If the Customer fails to do so, Surtex Instruments may enter upon any premises owned, occupied or controlled by the Customer where the Goods are situated and repossess the Goods.

6. The Customer shall not pledge or in any way charge by way of security for any indebtedness, any of the Goods which are the property Surtex Instruments. If the Customer does so, all sums whatever owing by the Customer to Surtex Instruments shall forthwith become due and payable.

7. On termination of the Contract, howsoever caused, Surtex Instruments rights contained in this condition 6 shall remain in effect.

## 7. Terms of Payment

7.1 Payment is due to Surtex Instruments within 30 days of invoice (the "Due Date"). In the case of payment other than by cash, payment shall only be deemed to have been made on receipt of cleared funds.

7.2 Each consignment or partial delivery shall be invoiced and paid separately.

7.3 No disputes arising under the contract no delays in the delivery period beyond the control of Surtex Instruments shall interfere with prompt payment in full by Customer. The Customer shall not in any circumstances or for any reason whatsoever be entitled to make any deduction or withhold any sum from the price by way of set-off or otherwise.

7.4 If the Customer fails to make the payment on the due date, then Surtex Instruments without prejudice to other rights and remedies shall be entitled to charge the Customer interest (both before and after judgment) on the amount unpaid at the rate of 4% per annum above the basic rate of HSBC plc during the delay and suspend all further deliveries without notice.

7.5 All payments payable to the Company under the Contract shall become due immediately on its termination, despite any other provision.

## 8. Warranties

8.1 Surtex Instruments will use reasonable endeavours to ensure that the Goods

- a) Correspond to their description and any applicable specification;
- b) Be of satisfactory quality and fit for purpose held out by Surtex Instruments or made to known to the customer by Surtex Instruments
- c) Where applicable, be free from defects in design, materials and workmanship and remain so for a period of 12 months after delivery; and
- d) Comply with all applicable statutory and regulatory requirements relating to the manufacture, labelling, packaging, storage, handling and delivery of Goods

8.3 In case of Goods not manufactured by Surtex Instruments

- a) Surtex Instruments gives no assurance or warranty whatsoever that the sale or use of the Goods will not infringe the patent design right registered, design copyright or other industrial property rights of other person firm or Company and
- b) The warranty given to the Customer shall be limited to the warranty (if any) which Surtex Instruments receives from the manufacturer or supplier of the Goods to Surtex Instruments.

## 9. Missing and Defective Goods

9.1 The Customer must inspect the Goods immediately on arrival at their premises.

9.2 In case of missing goods or defects apparent on inspection:

- a) a written complaint must be made to Surtex Instruments by the customer within seven days of receipt of the Goods specifying the shortage and/or defect and
- b) Surtex Instruments shall be given an opportunity to inspect the Goods and investigate any complaint before any use is made of the Goods.

9.3 In the case of defects not apparent on inspection:

- a) the Customer shall send a written complaint to Surtex Instruments as soon as reasonably practicable after the defect is noticed and ensure no use is made of or alterations made to the Goods thereafter;
- b) the Customer shall allow Surtex Instruments 30 days to inspect the Goods and shall take such steps as are necessary to enable Surtex Instruments to do so including returning of the Goods to its head office in the United Kingdom if requested.

9.4 In any potential case of a product being defective pursuant to Part 1 of the Consumer Protection Act 1987, the customer must send the complaint within 12 months of the date of delivery by Surtex Instruments or in the case of items not manufactured by Surtex Instruments, within the guarantee period specified by the manufacturer of such item.

9.5 Any complaints made outside of the periods specified in clause 9 will not be considered.

9.6 All allegations of total non-delivery of any consignment of the Goods must be made by notice in writing by the customer to Surtex Instruments within 10 days of the specified delivery date. Failure by the Customer to give such notice shall render the Customer liable for any temporary or permanent loss of the Goods and all additional costs and expenses incurred by Surtex Instruments in relation to such loss.

## 10. Liability

10.1 Save where Goods manufactured by Surtex Instruments are held to be defective as defined in Part 1 of the Consumer Protection Act 1987, Surtex Instruments sole obligation in the event of any missing or defective Goods, shall be to repair or replace the Goods.

10.2 Surtex Instruments shall not be liable in respect of consequential loss, loss of profits, damage to the property, loss of goodwill, loss of business opportunity, wasted expenditure, cost of mitigation arising out of or occasioned by any fault or defect in the Goods supplied or any other losses howsoever caused.

10.3 The maximum total liability under or arising out of in connection with this Agreement will not exceed the total of the Contract value.

10.4 Nothing in this Agreement shall exclude or limit either party's liability for death or personal injury resulting from negligence or their fraudulent acts, omissions or statements or for infringement of third party's intellectual property rights.

10.5 For the purpose of the Health and Safety at Work Act 1974, Surtex Instruments relies upon the testing examination and research carried out by the suppliers to it of propriety equipment and component parts of Goods.

10.6 This clause 10 shall survive the termination of the contract.

## 11. Return of Goods

11.1 In cases where Goods are not defective and the customer requests to return the Goods, Surtex Instruments shall be under no contractual obligation to accept the return except in the event of any error on its parts as to the amount or type of Goods delivered.

- 11.2 Any requests to return must be made to Surtex Customer Support Centre within ten working days of the date of actual delivery.
- 11.3 The return of Goods to correct an error in delivery or ordering will only be considered if the Customer Care Team is notified immediately or in any event within 48 hours of delivery to the Customer. Goods must be returned to Surtex Instruments within 5 days of delivery to the customer to correct an error in delivery or ordering.
- 11.4 For the avoidance of doubt, unless defective, the returns of Goods as detailed in sections 11.2, 11.4, 11.5 and 11.6 must be unused, undamaged and in the original packaging. The Goods must be the same batch as originally supplied by Surtex Instruments and are not falsified/counterfeit. All goods are individually assessed by Surtex Instruments before being authorised to return.
- 11.5 Return of Goods for any reason shall require prior consent from Surtex Instruments which shall be sent solely at the discretion of Surtex Instruments. To obtain consent, the Customer Care Team must be notified. Consideration to requests for a return may be given if:
- a) of a bona fide nature;
  - b) made within 10 working days of the actual delivery; and
  - c) unless defective, the Goods must be unused, undamaged and in the original undamaged packaging. The Goods must be the same batch as originally supplied by Surtex Instruments and not falsified/counterfeit.
- 11.6 On the customer contacting Surtex Instruments to request a return, the Customer will be issued with a returns merchandise authorisation number by Surtex Instruments. Goods returned without the prior written approval of Surtex Instruments may be returned to the customer or disposed of at the absolute discretion of the company.
- 11.7 Goods returned will be subjected to the following charges:
- a) for palletised items there will be a standard charge of £75.00 per pallet for any return uplifted by Surtex Instruments.
  - b) for returns of small parcel there will be a minimum £15.00 charge per parcel and a 30% re-stocking charge.
  - c) the event of return resulting from an error on the part of Surtex Instruments in relation to the amount or type of Goods delivered, no charges under this clause 11.7 will apply.
- 11.8 In the event, that any Goods are subject to be called by Surtex Instruments for the purpose of recall, the customer shall provide to Surtex Instruments as much information as it is reasonably possible regarding the whereabouts of the Goods.

## 12. Cancellation Policy

- 12.1 In the event of cancellation before delivery and if returned after delivery where products are not defective, there will be a re-stocking charge of not less than 30% of the invoice value charged by Surtex Instruments.
- 12.2 Cancellation of an order will only be agreed by Surtex Instruments at its sole discretion, on condition that all costs and expenses incurred by Surtex Instruments up to the time of cancellation and loss of profits and other loss or damage resulting to Surtex Instruments of such cancellation will be reimbursed by the Customer to Surtex Instruments forthwith.

## 13. Specifications

Surtex Instruments reserve the right to alter or change the specification and dimension of the Goods supplied with reasonable limits having regard to the nature of the Goods. These do not materially affect the quality or fitness for purpose of Goods. Dimensions specified by Surtex Instruments are to be treated as an approximate only unless the Customer specifically states in writing that exact dimensions are required. Our website and catalogues display the product images as accurately as possible. However, Surtex Instruments cannot guarantee the finish/colour you see matches the actual product as the display of the finish and or colour depends in part, upon your monitor and its settings.

## 14. Marking and Instructions

- 14.1 No name, mark, numbering, colouring, appearance or log on the goods will be obscured, removed or concealed by the Customer.
- 14.2 The Customer will not repackage or alter the presentation of Goods and it will not assist, cause, or enable any other party to do any of the said acts or deal in Goods or packaging which have been subject to such acts.
- 14.3 The Customer acknowledges that it is under a duty to pass on to its customers (where appropriate) all instructions, information and warnings supplied by Surtex Instruments with the Goods.

## 15. Confidential Information

- 15.1 A party shall treat the Contract as private and confidential and neither party shall publish or disclose any particulars without the prior written consent of the other with the exceptions of 15.2 below.
- 15.2 The obligations expressed in 15.1 above shall not apply to any information which:
- a) Is or subsequently comes into the public domain other than by breach of this clause;
  - b) The disclosure of which is required to be disclosed by law, any governmental or regulatory authority or by a court of competent jurisdiction;
  - c) Comes into the possession of one of the parties prior to its disclosure by the other, or which is acquired lawfully and in good faith from an independent third party.
- 15.3 On the conclusion or termination of the Contract, both parties shall destroy all copies of confidential information obtained from the other and the obligation relating to the confidentiality shall continue for a period of 10 years.
- 15.4 The Customer shall not, without the prior written consent of Surtex Instruments, advertise or make known to any third that Surtex Instruments provided Goods to the Customer.

## 16. Insolvency

- 16.1 Without limiting its other rights or remedies, Surtex Instruments shall be entitled to cancel the contract, in whole or in part, by notice in writing if:
- a) The Customer makes a voluntary arrangement with its creditors or (being an individual firm) becomes bankrupt or (being a company) becomes subject to an administration order or goes into liquidation (otherwise than for purpose of amalgamation or reconstruction);
  - b) An encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Customer.
  - c) The Customer ceases, or threatens to cease, to carry on business; d) Surtex Instruments reasonably apprehends that any of the events mentioned above is about to occur in relation to the Customer and notifies the Customer accordingly.

## 17. Sub-Contractors

- 17.1 Surtex Instruments may assign the Contractor any part of it to any company, firm or organization.
- 17.2 The Customer shall not be entitled to assign the Contractor any part of it without the prior written consent of Surtex Instruments (such consent not to be unreasonably withheld or delayed).

## 18. Force Majeure

- 18.1 Surtex Instruments shall not be responsible for any failure to fulfil its obligations under these conditions and/or in relation to the Goods if such failure is caused by an event which is beyond its reasonable control including acts of God, war, armed conflict, acts of terrorism, riot, strikes, industrial action (including action involving Surtex Instruments employees), fire, flood, any natural disaster, any defaults by Surtex Instruments suppliers or subcontractors, difficulties obtaining workmen or materials, and breakdown of machinery.
- 18.2 If such event continues for more than one month, Surtex Instruments may terminate the Contract without liability.



**19. Waiver**

19.1 waiver of any right or remedy under the contract or law is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.

**20. Severance**

20.1 any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable whilst retaining the risk and reward between the parties. If such modification is not possible, the relevant provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.

**21. Variation**

21.1 as set out in these Conditions, no variation of the Contract, including the introduction for any additional terms and conditions, shall become effective unless it is agreed in writing and signed by Surtex Instruments.

**22. General**

22.1 rights and remedies of Surtex Instruments set out in these conditions shall be in additions and without prejudice to any other rights and remedies which may be available to Surtex Instruments at common law or under the statute.

**23. Governing Law and Jurisdiction**

23.1 The contract and any dispute or claim arising out of or in connection with it or its subject matter or formation (including not-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales.

23.2 Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim arising out of or in connection with his agreement or its subject matter or formation (including non-contractual disputes or claims).

23.3 The schedules to the Uniform Law of International Sales Act 1967 shall not in any circumstances apply to the contract.

**24. Entire Agreement**

24.1 This contract constitutes the whole agreement and understanding between the parties in relation to its subject matter and supersedes any previous arrangement, understanding, representations, (including any information or data set out in any sales and marketing literature), or agreement between them relating to the subject matter of this Agreement.

24.2 Each party acknowledges that, in entering into this Agreement, it has not relied on any statement, assurance or warranty (whether made negligently or innocently) other than those expressly set out in this Agreement and has no rights and remedies in respect thereof.

**25. Third-Party Rights**

25.1 term of this agreement shall be enforceable under the Contracts (Rights of Third Parties) Act 1999 by any legal entity who is not a party to this Agreement.

**26. Notices**

26.1 communications between the parties about the Contract shall be in writing and delivered by pre-paid first-class post or by hand to the party's registered office, principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving notice. In the absence of evidence of earlier receipt, any notices shall be deemed to be duly served:

- a) If sent by first class post, two working days after posting; or
- b) If delivered personally, when left at the relevant address.

ENT Surgery Sets



**SURTEX**  
INSTRUMENTS

*Crafted to Excellence*

### Basic ENT Surgery Set

| Codes     | Description                                                                                                      | Quantity |
|-----------|------------------------------------------------------------------------------------------------------------------|----------|
| SI-012-15 | Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6" Stainless Steel                             | 1        |
| TR-151-15 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm - Ø 1.5 mm Stainless Steel               | 1        |
| TR-151-20 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm - Ø 2.0 mm Stainless Steel               | 1        |
| OT-660-01 | Billeau Ear Loop 16 cm - 6 1/4" Working End 2.0 mm Stainless Steel                                               | 1        |
| OT-660-02 | Billeau Ear Loop 16 cm - 6 1/4" Working End 3.0 mm Stainless Steel                                               | 1        |
| OT-660-03 | Billeau Ear Loop 16 cm - 6 1/4" Working End 4.0 mm Stainless Steel                                               | 1        |
| OT-570-10 | Buck Ear Curette Fig. 0 - Straight - Blunt 17 cm - 6 3/4" Ø 2.6 mm Stainless Steel                               | 1        |
| OT-570-11 | Buck Ear Curette Fig. 1 - Straight - Blunt 17 cm - 6 3/4" Ø 3.0 mm Stainless Steel                               | 1        |
| OT-570-12 | Buck Ear Curette Fig. 2 - Straight - Blunt 17 cm - 6 3/4" Ø 3.7 mm Stainless Steel                               | 1        |
| OT-572-10 | Buck Ear Curette Fig. 0 - Straight - Sharp 17 cm - 6 3/4" Ø 2.6 mm Stainless Steel                               | 1        |
| OT-572-11 | Buck Ear Curette Fig. 1 - Straight - Sharp 17 cm - 6 3/4" Ø 3.0 mm Stainless Steel                               | 1        |
| OT-572-12 | Buck Ear Curette Fig. 2 - Straight - Sharp 17 cm - 6 3/4" Ø 3.7 mm Stainless Steel                               | 1        |
| OT-677-01 | Day Ear Hook Long 17 cm - 6 3/4" Stainless Steel                                                                 | 1        |
| OT-677-02 | Day Ear Hook Short 17 cm - 6 3/4" Stainless Steel                                                                | 1        |
| OT-255-14 | Hartmann Alligator Forcep 14 cm - 5 1/2" Stainless Steel                                                         | 1        |
| OT-261-25 | Hartmann Alligator Forcep Cup Shaped 8.5 cm - 3 1/4" Ø 2.5 mm Stainless Steel                                    | 1        |
| SS-440-11 | Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                                           | 1        |
| SS-441-11 | Iris Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                                             | 1        |
| OT-211-14 | Gruenwald (Lucae) Ear Forcep Bayonet Shaped 14.5 cm - 5 3/4" Stainless Steel                                     | 1        |
| OT-283-08 | McGee Micro Alligator Forcep Serrated-Straight 8 cm - 3" Jaw Size 4.0 x 0.8 mm Stainless Steel                   | 1        |
| OT-293-08 | Mini-McGee Micro Alligator Forcep Serrated-Straight 8 cm - 3" Jaw Size 3.5 x 0.6 mm Stainless Steel              | 1        |
| OT-311-08 | Micro Alligator Forcep Straight - Cup Shaped 8 cm - 3" Cup Size - Jaw Size 1.0 x 0.9 mm - 4.0 mm Stainless Steel | 1        |
| OT-255-08 | Hartmann Alligator Forcep 8.5 cm - 3 1/4" Stainless Steel                                                        | 1        |
| OT-555-01 | Shapleigh Ear Curette Fig. 1 15 cm - 6" Stainless Steel                                                          | 1        |
| OT-555-02 | Shapleigh Ear Curette Fig. 2 15 cm - 6" Stainless Steel                                                          | 1        |
| SS-456-11 | Strabismus Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                                     | 1        |
| SS-457-11 | Strabismus Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                                       | 1        |
| RH-023-01 | Mod. Vienna Nasal Speculum Fig. 1 Blade Length 27 mm Stainless Steel                                             | 1        |
| RH-023-02 | Mod. Vienna Nasal Speculum Fig. 2 Blade Length 31 mm Stainless Steel                                             | 1        |
| RH-023-03 | Mod. Vienna Nasal Speculum Fig. 3 Blade Length 35 mm Stainless Steel                                             | 1        |
| OT-201-11 | Troeltsch (Wilde) Ear Forcep 11 cm / 4 3/8" Stainless Steel                                                      | 1        |

### Basic Ear Set

| Codes     | Description                                                                                                                   | Quantity |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------|
| SL-012-03 | Scalpel Handle No. 3 Solid, cm-Graduation 12 cm - 4 3/4" Stainless Steel                                                      | 1        |
| SS-861-14 | UltraCut TC Mayo Dissecting Scissor Curved 14.5 cm - 5 3/4" Stainless Steel                                                   | 1        |
| SS-921-14 | UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 14.5 cm - 5 3/4" Stainless Steel                      | 1        |
| SS-923-18 | UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 18 cm - 7" Stainless Steel                            | 1        |
| AF-160-12 | Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel                                                     | 6        |
| AF-200-14 | Kelly Haemostatic Forcep Straight 14.5 cm - 5 3/4" Stainless Steel                                                            | 2        |
| SU-586-13 | UltraGripX TC Halsey Needle Holder 13 cm - 5" Stainless Steel                                                                 | 1        |
| SS-991-12 | UltraCut TC Universal Wire Cutting Scissor Angled - One Toothed Cutting Edge 12.5 cm - 5" Stainless Steel                     | 1        |
| SI-012-15 | Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6" Stainless Steel                                          | 2        |
| RT-716-13 | Weitlaner-Wullstein Self Retaining Retractor 3 x 3 Sharp Prongs 13 cm - 5" Stainless Steel                                    | 1        |
| RH-475-18 | Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel | 1        |
| RT-034-15 | Joseph Mucus Hook Sharp 15.5 cm - 6" Stainless Steel                                                                          | 2        |
| RT-677-10 | Jansen Self Retaining Retractor 3 x 3 Blunt Prongs - With Adjustment Screw 10 cm - 4" Stainless Steel                         | 1        |
| AF-773-08 | Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel                                                                            | 4        |
| TR-101-07 | Frazier Suction Tube 7 Charr. 19.5 cm - 7 3/4" Ø 2.3 mm Stainless Steel                                                       | 1        |
| TR-101-09 | Frazier Suction Tube 9 Charr. 19.5 cm - 7 3/4" Ø 3.0 mm Stainless Steel                                                       | 1        |
| FR-050-12 | Adson Dressing Forcep 12 cm - 4 3/4" Stainless Steel                                                                          | 1        |
| FR-250-12 | Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel                                                            | 1        |
| RT-251-01 | Langenbeck Retractor 22.5 cm - 8 3/4" Blade Size 30 x 11 mm Stainless Steel                                                   | 1        |
| RT-251-03 | Langenbeck Retractor 22.5 cm - 8 3/4" Blade Size 30 x 16 mm Stainless Steel                                                   | 1        |
| RT-162-16 | Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel                                               | 2        |
| RT-672-10 | Allport Wound Spreader 4 x 4 Sharp Prongs 9.5 cm - 3 3/4" Stainless Steel                                                     | 1        |
| SS-457-11 | Strabismus Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                                                    | 1        |
| FR-772-01 | Graefe Fixation Forcep Without Lock 11 cm - 4 1/4" Stainless Steel                                                            | 1        |
| OT-213-16 | Jansen Ear Forcep Bayonet Shaped 16 cm - 6 1/4" Stainless Steel                                                               | 1        |
| OT-572-02 | Buck Ear Curette Fig. 00 - Straight - Sharp 17 cm - 6 3/4" Ø 2.3 mm Stainless Steel                                           | 1        |
| OT-572-10 | Buck Ear Curette Fig. 0 - Straight - Sharp 17 cm - 6 3/4" Ø 2.6 mm Stainless Steel                                            | 1        |
| OT-010-01 | Hartmann Ear Specula Set of 3 Ref:- OT-012-00 to OT-012-02 Stainless Steel                                                    | 1        |

### Basic Nasal Surgery Set

| Codes     | Description                                                                                                                | Quantity |
|-----------|----------------------------------------------------------------------------------------------------------------------------|----------|
| SL-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                                                      | 1        |
| SL-030-07 | Scalpel Handle No. 7 Solid 16 cm - 6 1/4" Stainless Steel                                                                  | 1        |
| SS-041-14 | Mayo Dissecting Scissor Curved 14.5 cm - 5 3/4" Stainless Steel                                                            | 1        |
| SS-201-14 | Metzenbaum-Fino Delicate Dissecting Scissor Curved - Blunt/Blunt Slender Pattern 14.5 cm - 5 3/4" Stainless Steel          | 1        |
| SS-215-18 | Metzenbaum-Fino Delicate Dissecting Scissor Curved - Sharp/sharp Slender Pattern 18 cm - 7" Stainless Steel                | 2        |
| SS-441-11 | Iris Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                                                       | 2        |
| FR-250-12 | Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel                                                         | 2        |
| AF-160-12 | Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel                                                  | 6        |
| AF-161-12 | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                                                  | 6        |
| AF-773-08 | Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel                                                                         | 6        |
| RT-162-16 | Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel                                            | 1        |
| RT-163-16 | Senn-Miller Retractor Blunt 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel                                            | 1        |
| RT-579-21 | Parker-Langebeck (US Army) Retractor Set 21.5 cm Stainless Steel                                                           | 1        |
| RT-677-10 | Jansen Self Retaining Retractor 3 x 3 Blunt Prongs - With Adjustment Screw 10 cm - 4" Stainless Steel                      | 1        |
| TR-101-08 | Frazier Suction Tube 8 Charr. 19.5 cm - 7 3/4" ∅ 2.6 mm Stainless Steel                                                    | 2        |
| TR-251-27 | Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4" Stainless Steel                                         | 1        |
| SU-586-13 | UltraGripX TC Halsey Needle Holder 13 cm - 5" Stainless Steel                                                              | 1        |
| OR-504-19 | FiberGrip Vickers Mallet With Interchangeable Nylon Discs 19 cm - 7 1/2" Head ∅ 25.0 mm - Weight 300 Grams Stainless Steel | 1        |
| SI-012-15 | Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6" Stainless Steel                                       | 2        |
| FR-772-01 | Graefe Fixation Forcep Without Lock 11 cm - 4 1/4" Stainless Steel                                                         | 1        |
| OT-211-14 | Gruenwald (Lucae) Ear Forcep Bayonet Shaped 14.5 cm - 5 3/4" Stainless Steel                                               | 3        |
| RH-033-02 | Hartmann-Halle Nasal Speculum Fig. 2 15.5 cm - 6" Blade Length 31 mm Stainless Steel                                       | 1        |
| RH-101-15 | Troeltsch Nasal Tampon Forcep 14.5 cm - 5 3/4" Stainless Steel                                                             | 1        |
| RT-034-15 | Joseph Mucosa Hook Sharp 15.5 cm - 6" Stainless Steel                                                                      | 2        |
| RT-074-02 | Joseph Mucosa Hook 16.5 cm - 6 1/2" Width 2.0 mm Stainless Steel                                                           | 2        |
| RT-074-07 | Joseph Mucosa Hook 16.5 cm - 6 1/2" Width 7.0 mm Stainless Steel                                                           | 2        |

### Major Nasal Set

| Codes     | Description                                                                                                                   | Quantity |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------|
| AF-773-08 | Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel                                                                            | 6        |
| RH-380-03 | Ballanger Swivel Knife Straight 21 cm - 8 1/4" Cutting Edge Size 3.0 mm Stainless Steel                                       | 1        |
| RH-820-11 | Cottle Columella Forcep 11 cm - 4 1/4" Width 12.0 mm Stainless Steel                                                          | 1        |
| RH-771-01 | Cottle Alar Hook Sharp 14.5 cm - 5 3/4" Stainless Steel                                                                       | 1        |
| RH-367-15 | Cottle Rhinoplastic Knife 14 cm - 5 1/2" Stainless Steel                                                                      | 1        |
| RH-621-04 | Cottle Osteotome Curved 18.5 cm - 7 1/4" Blade Width 4.0 mm Stainless Steel                                                   | 1        |
| RT-080-14 | Cottle Alar Hook 4 Semi Sharp Prongs 14 cm - 5 1/2" Stainless Steel                                                           | 1        |
| RT-120-08 | Desmarres Lid Retractor 16 cm - 6 1/4" Blade Width 8.0 mm Stainless Steel                                                     | 1        |
| SS-357-15 | Fomon Tonsil Scissor 15 cm - 6" Stainless Steel                                                                               | 1        |
| RH-355-15 | Fomon Rhinoplastic Knife 16.5 cm - 6 1/2" Stainless Steel                                                                     | 1        |
| SS-189-14 | Fomon Nasal Scissor Curved 14 cm - 5 1/2" Stainless Steel                                                                     | 1        |
| RH-765-16 | Fomon Alar Hook Button Ended 16 cm - 6 1/4" Stainless Steel                                                                   | 1        |
| TR-101-08 | Frazier Suction Tube 8 Charr. 19.5 cm - 7 3/4" ∅ 2.6 mm Stainless Steel                                                       | 2        |
| RH-475-18 | Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel | 1        |
| RT-012-02 | Gillies Skin Hook Fig. 2 18 cm - 7" Stainless Steel                                                                           | 1        |
| FR-772-01 | Graefe Fixation Forcep Without Lock 11 cm - 4 1/4" Stainless Steel                                                            | 1        |
| AF-160-12 | Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel                                                     | 6        |
| AF-161-12 | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                                                     | 6        |
| RH-127-16 | Hartmann Nasal Polypus Forcep 15 cm - 6" Stainless Steel                                                                      | 1        |
| SS-440-11 | Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                                                        | 1        |
| RT-677-10 | Jansen Self Retaining Retractor 3 x 3 Blunt Prongs - With Adjustment Screw 10 cm - 4" Stainless Steel                         | 1        |
| RH-551-16 | Joseph Periosteal Elevator 18 cm - 7" Blade Width 6.5 mm Stainless Steel                                                      | 1        |
| RT-034-15 | Joseph Mucosa Hook Sharp 15.5 cm - 6" Stainless Steel                                                                         | 2        |
| RT-074-02 | Joseph Mucosa Hook 16.5 cm - 6 1/2" Width 2.0 mm Stainless Steel                                                              | 2        |
| RT-074-05 | Joseph Mucosa Hook 16.5 cm - 6 1/2" Width 5.0 mm Stainless Steel                                                              | 1        |
| RT-074-07 | Joseph Mucosa Hook 16.5 cm - 6 1/2" Width 7.0 mm Stainless Steel                                                              | 2        |
| PR-500-16 | Farrell Cotton Applicator Round Spiral End End 16 cm - 6 1/4" Working End ∅ 1.1 Stainless Steel                               | 2        |
| OT-211-14 | Gruenwald (Lucae) Ear Forcep Bayonet Shaped 14.5 cm - 5 3/4" Stainless Steel                                                  | 3        |
| OR-504-19 | FiberGrip Vickers Mallet With Interchangeable Nylon Discs 19 cm - 7 1/2" Head ∅ 25.0 mm - Weight 300 Grams Stainless Steel    | 1        |
| SS-041-14 | Mayo Dissecting Scissor Curved 14.5 cm - 5 3/4" Stainless Steel                                                               | 1        |
| SS-201-14 | Metzenbaum-Fino Delicate Dissecting Scissor Curved - Blunt/Blunt Slender Pattern 14.5 cm - 5 3/4" Stainless Steel             | 1        |
| SS-141-18 | Metzenbaum-Nelson Dissecting Scissor Curved - Blunt/Blunt 18 cm - 7" Stainless Steel                                          | 2        |
| RH-023-01 | Mod. Vienna Nasal Speculum Fig. 1 Blade Length 27 mm Stainless Steel                                                          | 1        |
| RH-023-02 | Mod. Vienna Nasal Speculum Fig. 2 Blade Length 31 mm Stainless Steel                                                          | 1        |
| RH-789-16 | Neivert Nasal Retractor 17 cm - 6 3/4" Stainless Steel                                                                        | 1        |
| SL-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                                                         | 1        |
| SL-030-07 | Scalpel Handle No. 7 Solid 16 cm - 6 1/4" Stainless Steel                                                                     | 1        |
| RT-162-16 | Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel                                               | 1        |

### Major Nasal Set

| Codes     | Description                                                                                 | Quantity |
|-----------|---------------------------------------------------------------------------------------------|----------|
| RT-163-16 | Senn-Miller Retractor Blunt 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel             | 1        |
| RH-664-04 | Sheehan Osteotome 15 cm - 6" Blade Width 4.0 mm Stainless Steel                             | 1        |
| RH-664-08 | Sheehan Osteotome 15 cm - 6" Blade Width 8.0 mm Stainless Steel                             | 1        |
| RH-664-10 | Sheehan Osteotome 15 cm - 6" Blade Width 10.0 mm Stainless Steel                            | 1        |
| RH-664-12 | Sheehan Osteotome 15 cm - 6" Blade Width 12.0 mm Stainless Steel                            | 1        |
| SS-456-11 | Strabismus Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                | 1        |
| SS-457-11 | Strabismus Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                  | 1        |
| FR-078-17 | Taylor Dressing Forcep Bayonet Shaped - With Dissector End 18.5 cm - 7 1/4" Stainless Steel | 2        |
| FR-962-12 | UltraGripX TC Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel            | 2        |
| SU-594-18 | UltraGripX TC Crile-Wood Needle Holder 18 cm - 7" Stainless Steel                           | 1        |
| SU-586-13 | UltraGripX TC Halsey Needle Holder 13 cm - 5" Stainless Steel                               | 1        |
| RH-101-15 | Troeltsch Nasal Tampon Forcep 14.5 cm - 5 3/4" Stainless Steel                              | 1        |
| RT-579-21 | Parker-Langebeck (US Army) Retractor Set 21.5 cm Stainless Steel                            | 1        |
| TR-251-27 | Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4" Stainless Steel          | 1        |
| AF-269-18 | Adson Haemostatic Forcep Curved 18.5 cm - 7 1/4" Stainless Steel                            | 1        |

### Minor Nasal Surgery Set

| Codes     | Description                                                                                                                 | Quantity |
|-----------|-----------------------------------------------------------------------------------------------------------------------------|----------|
| OR-504-19 | FiberGrip Vickers Mallet With Interchangeable Nylon Discs 19 cm - 7 1/2" Head √ø 25.0 mm - Weight 300 Grams Stainless Steel | 1        |
| SL-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                                                       | 1        |
| SL-030-07 | Scalpel Handle No. 7 Solid 16 cm - 6 1/4" Stainless Steel                                                                   | 1        |
| RT-162-16 | Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel                                             | 1        |
| RT-163-16 | Senn-Miller Retractor Blunt 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel                                             | 1        |
| SU-586-13 | UltraGripX TC Halsey Needle Holder 13 cm - 5" Stainless Steel                                                               | 1        |
| RH-101-15 | Troeltsch Nasal Tampon Forcep 14.5 cm - 5 3/4" Stainless Steel                                                              | 1        |
| RT-579-21 | Parker-Langebeck (US Army) Retractor Set 21.5 cm Stainless Steel                                                            | 1        |
| TR-251-27 | Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4" Stainless Steel                                          | 1        |

### Nasal Fracture Reduction Set

| Codes     | Description                                                                | Quantity |
|-----------|----------------------------------------------------------------------------|----------|
| OT-213-16 | Jansen Ear Forcep Bayonet Shaped 16 cm - 6 1/4" Stainless Steel            | 1        |
| RH-839-21 | Faulkner Antrum Curette 21 cm - 8 1/4" Stainless Steel                     | 1        |
| RH-023-01 | Mod. Vienna Nasal Speculum Fig. 1 Blade Length 27 mm Stainless Steel       | 1        |
| RH-807-23 | Asch Septum Straightening Forcep 22.5 cm - 8 3/4" Stainless Steel          | 1        |
| RH-804-02 | Cottle-Walsham Septum Straightning Forcep Left 23 cm - 9" Stainless Steel  | 1        |
| RH-804-03 | Cottle-Walsham Septum Straightning Forcep Right 23 cm - 9" Stainless Steel | 1        |
| OM-607-19 | Boise Nasal Fracture Elevator 19.5 cm - 7 3/4" Stainless Steel             | 1        |

### Nasal Polypectomy Set

| Codes     | Description                                                                  | Quantity |
|-----------|------------------------------------------------------------------------------|----------|
| RH-011-20 | Thudichum Nasal Specula Set of 4 Ref. RH-013-01 to RH-013-04 Stainless Steel | 1        |
| RH-101-15 | Troeltsch Nasal Tampon Forcep 14.5 cm - 5 3/4" Stainless Steel               | 1        |
| RH-091-26 | Krause Polypus Snare 26 cm - 10 1/4" Shaft Ø 3.0 mm Stainless Steel          | 1        |
| RH-097-12 | Snare Wire Bundle with 12 Pieces 10.5 cm / 4" Ø 0.3 mm Stainless Steel       | 1        |
| TR-111-15 | Fergusson Suction Tube 15 Charr. 18 cm - 7" Ø 5.0 mm Stainless Steel         | 1        |

## Basic Throat Surgery Set

| Codes     | Description                                                                                                                   | Quantity |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------|
| AF-346-18 | Birkett Haemostatic Forcep Straight 18.5 cm - 7 1/4" Stainless Steel                                                          | 2        |
| SF-350-25 | Foerster Sponge Holding Forcep Straight 25 cm - 9 3/4" Stainless Steel                                                        | 2        |
| AF-315-01 | Negus Haemostatic Forcep Fig. 1 19.5 cm - 7 3/4" Stainless Steel                                                              | 2        |
| OM-159-19 | Bruenings Tongue Depressor 19 cm - 7 1/2" Blade Width 1 - Blade Width 2 19 mm - 15 mm Stainless Steel                         | 1        |
| RH-475-18 | Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel | 1        |
| TL-037-23 | Henke Tonsil Elevator 22.5 cm - 8 3/4" Blade Width 10.5 mm - 5.0 mm Stainless Steel                                           | 1        |
| OR-623-19 | Kraemer Periosteal Raspatory / Elevator 19 cm - 7 1/2" Width 10 mm Stainless Steel                                            | 1        |
| PR-015-14 | Probe 14.5 cm - 5 3/4" Stainless Steel                                                                                        | 1        |
| PR-100-14 | Butterfly Probe / Grooved Director 14 cm - 5 1/2" Stainless Steel                                                             | 1        |
| RT-716-13 | Weitlaner-Wullstein Self Retaining Retractor 3 x 3 Sharp Prongs 13 cm - 5" Stainless Steel                                    | 1        |
| RT-712-16 | Weitlaner Self Retaining Retractor 3 x 4 Sharp Prongs 16 cm - 6 1/4" Stainless Steel                                          | 1        |
| SS-341-21 | Killian Bone Shear 21 cm - 8 1/4" Stainless Steel                                                                             | 1        |
| TR-111-09 | Fergusson Suction Tube 9 Charr. 18 cm - 7" √ 3.0 mm Stainless Steel                                                           | 1        |
| TR-111-12 | Fergusson Suction Tube 12 Charr. 18 cm - 7" √ 4.0 mm Stainless Steel                                                          | 1        |
| TR-111-15 | Fergusson Suction Tube 15 Charr. 18 cm - 7" √ 5.0 mm Stainless Steel                                                          | 1        |
| TL-105-20 | Blohmke Tonsil Grasping Forcep 1 x 2 Teeth 20 cm - 8" Stainless Steel                                                         | 1        |
| RH-241-02 | Hartmann Nasal Cutting Forcep (Conchotome) Fig. 2 12 cm - 4 3/4" √ 7.0 mm Stainless Steel                                     | 1        |
| HW-300-50 | Medicine Cup Capacity 50 cc Stainless Steel                                                                                   | 1        |
| TR-251-27 | Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4" Stainless Steel                                            | 12       |
| RT-100-01 | Wound Retractor 1 Sharp Prong 16.5 cm - 6 1/2" Stainless Steel                                                                | 2        |
| RT-100-02 | Wound Retractor 2 Sharp Prongs - Small Curve 16.5 cm - 6 1/2" Width 4.2 mm Stainless Steel                                    | 2        |
| RT-210-02 | Volkman Retractor 2 Sharp Prongs 22 cm - 8 3/4" Stainless Steel                                                               | 2        |
| RT-210-04 | Volkman Retractor 4 Sharp Prongs 22 cm - 8 3/4" Stainless Steel                                                               | 2        |
| RT-210-06 | Volkman Retractor 6 Sharp Prongs 22 cm - 8 3/4" Stainless Steel                                                               | 2        |
| RT-211-02 | Volkman Retractor 2 Blunt Prongs 22 cm - 8 3/4" Stainless Steel                                                               | 2        |
| RT-211-04 | Volkman Retractor 4 Blunt Prongs 22 cm - 8 3/4" Stainless Steel                                                               | 2        |
| RT-211-06 | Volkman Retractor 6 Blunt Prongs 22 cm - 8 3/4" Stainless Steel                                                               | 1        |
| RT-335-20 | Shoenborn Retractor 20 cm - 8" Blade Size 13 x 6 mm Stainless Steel                                                           | 1        |
| RT-251-02 | Langenbeck Retractor 22.5 cm - 8 3/4" Blade Size 30 x 14 mm Stainless Steel                                                   | 1        |
| RT-281-20 | Kocher Retractor 23 cm - 9" Blade Size 61 x 20 mm Stainless Steel                                                             | 1        |
| FR-012-14 | Slender Pattern Dressing Forcep 14.5 cm - 5 3/4" Stainless Steel                                                              | 1        |
| FR-016-14 | Fine Pattern Dressing Forcep 14.5 cm - 5 3/4" Stainless Steel                                                                 | 1        |
| FR-200-14 | Standard Pattern Dissecting Forcep 1 x 2 Teeth 14.5 cm - 5 3/4" Stainless Steel                                               | 1        |
| FR-214-14 | Fine Pattern Dissecting Forcep 1 x 2 Teeth 14.5 cm - 5 3/4" Stainless Steel                                                   | 1        |
| FR-010-20 | Standard Pattern Dressing Forcep 20 cm - 8" Stainless Steel                                                                   | 1        |
| FR-200-20 | Standard Pattern Dissecting Forcep 1 x 2 Teeth 20 cm - 8" Stainless Steel                                                     | 1        |
| FR-590-16 | DeBakey Atrauma Forcep 16 cm - 6 1/4" Tip Size 1.5 mm Stainless Steel                                                         | 1        |
| AF-311-02 | Schmidt Tonsil Haemostatic Forcep Gently Curved 19 cm - 7 1/2" Stainless Steel                                                | 2        |
| SL-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                                                         | 1        |
| SL-010-04 | Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8" Stainless Steel                                                       | 1        |
| TR-705-10 | Redon Guide Needle 10 Charr. - Lancet Tip 19.5 cm - 7 3/4" Tip Size 3.3 mm Stainless Steel                                    | 1        |
| SU-875-20 | Deschamps Ligature Needle Blunt for Right Hand Medium 20 cm - 8" Stainless Steel                                              | 1        |
| SU-877-20 | Deschamps Ligature Needle Blunt for Left Hand Medium 20 cm - 8" Stainless Steel                                               | 1        |
| SU-586-13 | UltraGripX TC Halsey Needle Holder 13 cm - 5" Stainless Steel                                                                 | 1        |
| SU-594-15 | UltraGripX TC Crile-Wood Needle Holder 15 cm - 6" Stainless Steel                                                             | 1        |
| SU-602-20 | UltraGripX TC Hegar Needle Holder 20 cm - 8" Stainless Steel                                                                  | 1        |
| OT-211-14 | Gruenwald (Lucae) Ear Forcep Bayonet Shaped 14.5 cm - 5 3/4" Stainless Steel                                                  | 2        |
| FR-050-12 | Adson Dressing Forcep 12 cm - 4 3/4" Stainless Steel                                                                          | 1        |
| FR-250-12 | Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel                                                            | 1        |
| FR-258-12 | Adson-Brown Dissecting Forcep 7 x 7 Teeth 12 cm - 5" Stainless Steel                                                          | 2        |
| AF-161-12 | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                                                     | 20       |
| AF-163-12 | Halsted-Mosquito Haemostatic Forcep Curved - 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel                                       | 20       |
| AF-773-11 | Backhaus Towel Clamp 11.5 cm - 4 1/2" Stainless Steel                                                                         | 20       |
| AF-220-14 | Rochester-Pean Haemostatic Forcep Straight 14.5 cm - 5 3/4" Stainless Steel                                                   | 12       |
| AF-220-16 | Rochester-Pean Haemostatic Forcep Straight 16.5 cm - 6 1/2" Stainless Steel                                                   | 4        |
| AF-230-14 | Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 14.5 cm - 5 3/4" Stainless Steel                                     | 12       |
| SI-015-15 | Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6" Stainless Steel                                          | 2        |
| GY-616-16 | Braun Tenaculum Forcep 16 cm - 6 1/4" Stainless Steel                                                                         | 2        |
| SS-251-15 | Reynolds Dissecting Scissor Curved 15.5 cm - 6" Stainless Steel                                                               | 1        |
| SS-131-14 | Metzenbaum Dissecting Scissor Curved - Blunt/Blunt 14.5 cm - 5 3/4" Stainless Steel                                           | 2        |
| SS-141-18 | Metzenbaum-Nelson Dissecting Scissor Curved - Blunt/Blunt 18 cm - 7" Stainless Steel                                          | 2        |
| SS-931-14 | UltraCut—δ TC Metzenbaum-Lahey Dissecting Scissor - Slender Pattern Curved 14.5 cm - 5 3/4" Stainless Steel                   | 1        |
| SS-453-10 | Stevens Tenotomy Scissor Curved - Blunt/Blunt 10 cm - 4" Stainless Steel                                                      | 1        |
| SS-105-15 | Joseph Dissecting Scissor / Operating Scissor Curved 15 cm - 6" Stainless Steel                                               | 2        |
| SS-423-09 | Very Delicate Operating Scissor Curved 9 cm - 3 1/2" Stainless Steel                                                          | 1        |
| SS-004-14 | Operating Scissor Straight - Sharp/Blunt 14.5 cm - 5 3/4" Stainless Steel                                                     | 1        |
| SS-005-14 | Operating Scissor Curved - Sharp/Blunt 14.5 cm - 5 3/4" Stainless Steel                                                       | 1        |

### Tonsillectomy & Adenoidectomy

| Codes     | Description                                                                                      | Quantity |
|-----------|--------------------------------------------------------------------------------------------------|----------|
| SL-030-07 | Scalpel Handle No. 7 Solid 16 cm - 6 1/4" Stainless Steel                                        | 1        |
| SS-141-18 | Metzenbaum-Nelson Dissecting Scissor Curved - Blunt/Blunt 18 cm - 7" Stainless Steel             | 1        |
| AF-269-18 | Adson Haemostatic Forcep Curved 18.5 cm - 7 1/4" Stainless Steel                                 | 1        |
| AF-773-13 | Backhaus Towel Clamp 13 cm - 5" Stainless Steel                                                  | 2        |
| SF-350-18 | Foerster Sponge Holding Forcep Straight 18 cm - 7" Stainless Steel                               | 2        |
| TR-251-27 | Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4" Stainless Steel               | 1        |
| SU-650-20 | UltraGripX TC DeBakey Needle Holder 20 cm - 8" Stainless Steel                                   | 1        |
| SI-012-15 | Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6" Stainless Steel             | 2        |
| RH-851-01 | Beckmann Adenoid Curette Fig. 1 22.5 cm - 8 3/4" Width 13.0 mm Stainless Steel                   | 1        |
| RH-851-02 | Beckmann Adenoid Curette Fig. 2 22.5 cm - 8 3/4" Width 15.0 mm Stainless Steel                   | 1        |
| RH-851-03 | Beckmann Adenoid Curette Fig. 3 22.5 cm - 8 3/4" Width 17.0 mm Stainless Steel                   | 1        |
| RH-851-04 | Beckmann Adenoid Curette Fig. 4 22.5 cm - 8 3/4" Width 19.0 mm Stainless Steel                   | 1        |
| RH-851-05 | Beckmann Adenoid Curette Fig. 5 22.5 cm - 8 3/4" Width 21.0 mm Stainless Steel                   | 1        |
| RH-851-06 | Beckmann Adenoid Curette Fig. 6 22.5 cm - 8 3/4" Width 23.0 mm Stainless Steel                   | 1        |
| RH-853-01 | Beckmann Adenoid Curette Angled Shaft - Fig. 1 22 cm - 8 3/4" Width 13.0 mm Stainless Steel      | 1        |
| RH-853-02 | Beckmann Adenoid Curette Angled Shaft - Fig. 2 22 cm - 8 3/4" Width 15.0 mm Stainless Steel      | 1        |
| RH-853-03 | Beckmann Adenoid Curette Angled Shaft - Fig. 3 22 cm - 8 3/4" Width 17.0 mm Stainless Steel      | 1        |
| RH-853-04 | Beckmann Adenoid Curette Angled Shaft - Fig. 4 22 cm - 8 3/4" Width 19.0 mm Stainless Steel      | 1        |
| RH-853-05 | Beckmann Adenoid Curette Angled Shaft - Fig. 5 22 cm - 8 3/4" Width 21.0 mm Stainless Steel      | 1        |
| RH-853-06 | Beckmann Adenoid Curette Angled Shaft - Fig. 6 22 cm - 8 3/4" Width 23.0 mm Stainless Steel      | 1        |
| OM-080-00 | Mclvor Mouth Gag Complete With 3 Tongue Depressors Ref:- OM-083-01 to OM-083-03 Stainless Steel  | 1        |
| OM-147-01 | Wieder Tongue Depressor 14 cm - 5 1/2" Blade Width 36 mm Stainless Steel                         | 1        |
| OM-147-02 | Wieder Tongue Depressor 15 cm - 6" Blade Width 43 mm Stainless Steel                             | 1        |
| TL-011-21 | Fischer Tonsil Knife / Dissector 21.5 cm - 8 1/2" Stainless Steel                                | 1        |
| TL-031-22 | Hurd Tonsil Dissector / Retractor 22.5 cm - 8 3/4" Blade Width 11.0 mm - 14.0 mm Stainless Steel | 1        |
| TL-101-18 | White Tonsil Grasping Forcep 18 cm - 7" Stainless Steel                                          | 1        |
| AF-311-02 | Schmidt Tonsil Haemostatic Forcep Gently Curved 19 cm - 7 1/2" Stainless Steel                   | 1        |
| TL-150-28 | Eves Tonsil Snare Without Ratchet 28.5 cm - 11 1/4" Stainless Steel                              | 1        |

### Tympanoplasty And Stapedectomy Set

| Codes     | Description                                                                                                      | Quantity |
|-----------|------------------------------------------------------------------------------------------------------------------|----------|
| OT-731-03 | Lempert Periosteal Elevator 17 cm - 6 3/4" Width 3 mm Stainless Steel                                            | 1        |
| OT-415-15 | Plester Sickle Knife 15 cm - 6" Stainless Steel                                                                  | 1        |
| OT-417-15 | Sexton Myringotomy Knife 15 cm - 6" Stainless Steel                                                              | 1        |
| OT-409-15 | Plester Flap Knife 15 cm - 6" Stainless Steel                                                                    | 1        |
| OT-675-04 | Wagener Ear Hook Fig. 4 14 cm - 5 1/2" Stainless Steel                                                           | 1        |
| OT-505-03 | Fisch Micro Dissector Angled to Right 15.5 cm - 6" Stainless Steel                                               | 1        |
| OT-453-16 | Barbara Micro Ear Pick 16 cm - 6 1/4" Stainless Steel                                                            | 1        |
| OT-701-16 | Politzer Furuncle Knife 14.5 cm - 5 3/4" Stainless Steel                                                         | 1        |
| OT-463-10 | Barbara Micro Ear Needle Angled 90° 16 cm - 6 1/4" Tip Size 1.0 mm Stainless Steel                               | 1        |
| OT-520-01 | House Micro Ear Curette 14.5 cm - 5 3/4" Cup Size 1 / Cup Size 2 1.0 mm - 1.2 mm Stainless Steel                 | 1        |
| OT-520-02 | House Micro Ear Curette 14.5 cm - 5 3/4" Cup Size 1 / Cup Size 2 1.5 mm - 1.8 mm Stainless Steel                 | 1        |
| PR-040-10 | Stacke (Silver) Probe 10 cm - 4" Tip √ø 1 mm Stainless Steel                                                     | 1        |
| OT-311-08 | Micro Alligator Forcep Straight - Cup Shaped 8 cm - 3" Cup Size - Jaw Size 1.0 x 0.9 mm - 4.0 mm Stainless Steel | 1        |
| OT-303-08 | Micro Alligator Forcep Serrated-Straight 8 cm - 3" Jaw Size 4.0 x 0.6 mm Stainless Steel                         | 1        |
| OT-365-01 | House-Dieter Malleus Nipper Up Cutting 8 cm - 3" Jaw Opening 1.3 mm Stainless Steel                              | 1        |
| OT-331-08 | Bellucci Micro Scissor Straight - Very Fine 8 cm - 3" Blade Size 4.0 x 0.8 mm Stainless Steel                    | 1        |
| TR-101-06 | Frazier Suction Tube 6 Charr. 19.5 cm - 7 3/4" Ø 2.0 mm Stainless Steel                                          | 1        |
| TR-101-08 | Frazier Suction Tube 8 Charr. 19.5 cm - 7 3/4" Ø 2.6 mm Stainless Steel                                          | 1        |
| TR-101-09 | Frazier Suction Tube 9 Charr. 19.5 cm - 7 3/4" Ø 3.0 mm Stainless Steel                                          | 1        |
| TR-141-01 | Wullstein Suction Handle 14 cm - 5 1/2" Stainless Steel                                                          | 1        |
| TR-185-05 | Verhoeven Suction Cannula With Luer Cone 10 cm - 4" Diameter 0.5 mm Ø Stainless Steel                            | 1        |
| TR-185-07 | Verhoeven Suction Cannula With Luer Cone 10 cm - 4" Diameter 0.7 mm Ø Stainless Steel                            | 1        |
| TR-185-10 | Verhoeven Suction Cannula With Luer Cone 10 cm - 4" Diameter 1.0 mm Ø Stainless Steel                            | 1        |
| TR-185-12 | Verhoeven Suction Cannula With Luer Cone 10 cm - 4" Diameter 1.2 mm Ø Stainless Steel                            | 1        |
| RT-732-13 | Plester Self Retaining Retractor 2 x 2 Sharp Prongs 13 cm - 5" Stainless Steel                                   | 1        |
| RT-735-01 | Plester Self Retaining Retractor Left 10.5 cm - 4" Stainless Steel                                               | 1        |
| RT-735-02 | Plester Self Retaining Retractor Right 10.5 cm - 4" Stainless Steel                                              | 1        |
| OT-421-04 | Rosen Circular Cut Knife Fig. 4 15 cm - 6" √ø 2.0 mm Stainless Steel                                             | 1        |
| OT-463-03 | Barbara Micro Ear Needle Angled 90° 16 cm - 6 1/4" Tip Size 0.3 mm Stainless Steel                               | 1        |
| OT-463-10 | Barbara Micro Ear Needle Angled 90° 16 cm - 6 1/4" Tip Size 1.0 mm Stainless Steel                               | 1        |
| OT-571-02 | Buck Ear Curette Fig. 00 - Angled - Blunt 17 cm - 6 3/4" Ø 2.3 mm Stainless Steel                                | 1        |
| OT-571-11 | Buck Ear Curette Fig. 1 - Angled - Blunt 17 cm - 6 3/4" Ø 3.0 mm Stainless Steel                                 | 1        |
| OT-283-08 | McGee Micro Alligator Forcep Serrated-Straight 8 cm - 3" Jaw Size 4.0 x 0.8 mm Stainless Steel                   | 1        |
| AF-160-12 | Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel                                        | 1        |
| TR-101-07 | Frazier Suction Tube 7 Charr. 19.5 cm - 7 3/4" Ø 2.3 mm Stainless Steel                                          | 1        |
| OT-421-03 | Rosen Circular Cut Knife Fig. 3 15 cm - 6" Ø 2.6 mm Stainless Steel                                              | 1        |
| OT-421-07 | Rosen Circular Cut Knife Fig. 7 15 cm - 6" Ø 1.0 mm Stainless Steel                                              | 1        |



### Tympanoplasty And Stapedectomy Set

| Codes     | Description                                                        | Quantity |
|-----------|--------------------------------------------------------------------|----------|
| OT-505-01 | Fisch Micro Dissector Angled to Right 15.5 cm - 6" Stainless Steel | 1        |
| OT-505-02 | Fisch Micro Dissector Angled to Left 15.5 cm - 6" Stainless Steel  | 1        |

### Myringotomy Set

| Codes     | Description                                                                                         | Quantity |
|-----------|-----------------------------------------------------------------------------------------------------|----------|
| SS-440-11 | Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                              | 1        |
| TR-151-10 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm Ø 1.0 mm Stainless Steel    | 1        |
| TR-151-15 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm Ø 1.5 mm Stainless Steel    | 1        |
| TR-151-20 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm Ø 2.0 mm Stainless Steel    | 1        |
| OT-223-12 | Hartmann Ear Polypus Forcep Fine Model 12 cm - 4 3/4" Stainless Steel                               | 1        |
| OT-201-13 | Troeltsch (Wilde) Ear Forcep 12.5 cm - 5" Stainless Steel                                           | 1        |
| OT-704-16 | Politzer Tympanum Needle 17.5 cm - 7" Stainless Steel                                               | 1        |
| OT-570-10 | Buck Ear Curette Fig. 0 - Straight - Blunt 17 cm - 6 3/4" Ø 2.6 mm Stainless Steel                  | 1        |
| OT-570-11 | Buck Ear Curette Fig. 1 - Straight - Blunt 17 cm - 6 3/4" Ø 3.0 mm Stainless Steel                  | 1        |
| OT-572-10 | Buck Ear Curette Fig. 0 - Straight - Sharp 17 cm - 6 3/4" Ø 2.6 mm Stainless Steel                  | 1        |
| OT-572-11 | Buck Ear Curette Fig. 1 - Straight - Sharp 17 cm - 6 3/4" Ø 3.0 mm Stainless Steel                  | 1        |
| OT-010-01 | Hartmann Ear Specula Set of 3 Ref:- OT-012-00 to OT-012-02 Stainless Steel                          | 1        |
| PR-500-16 | Farrell Cotton Applicator Round Spiral End End 16 cm - 6 1/4" Working End Ø 1.1 Stainless Steel     | 1        |
| PR-520-16 | Farrell Cotton Applicator Triangular Shaped End 16 cm - 6 1/4" Working End Ø 1.1 mm Stainless Steel | 1        |

### Middle Ear Set

| Codes     | Description                                                                                              | Quantity |
|-----------|----------------------------------------------------------------------------------------------------------|----------|
| TR-151-10 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm - √ø 1.0 mm Stainless Steel      | 1        |
| TR-151-15 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm - √ø 1.5 mm Stainless Steel      | 1        |
| TR-151-20 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm - √ø 2.0 mm Stainless Steel      | 1        |
| SL-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                                    | 2        |
| SS-041-17 | Mayo Dissecting Scissor Curved 17 cm - 6 3/4" Stainless Steel                                            | 1        |
| SS-456-11 | Strabismus Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                             | 1        |
| SS-457-11 | Strabismus Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                               | 1        |
| SS-551-12 | Universal Wire Cutting Scissor Angled - One Toothed Cutting Edge 12 cm - 4 3/4" Stainless Steel          | 1        |
| SS-921-14 | UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 14.5 cm - 5 3/4" Stainless Steel | 1        |
| SS-923-18 | UltraCut TC Metzenbaum-Fine Dissecting Scissor - Slender Pattern Curved 18 cm - 7" Stainless Steel       | 1        |
| FR-250-12 | Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel                                       | 1        |
| AF-160-12 | Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel                                | 6        |
| AF-200-14 | Kelly Haemostatic Forcep Straight 14.5 cm - 5 3/4" Stainless Steel                                       | 2        |
| AF-773-08 | Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel                                                       | 8        |
| RT-162-16 | Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel                          | 1        |
| RT-251-01 | Langenbeck Retractor 22.5 cm - 8 3/4" Blade Size 30 x 11 mm Stainless Steel                              | 1        |
| RT-251-02 | Langenbeck Retractor 22.5 cm - 8 3/4" Blade Size 30 x 14 mm Stainless Steel                              | 1        |
| RT-677-10 | Jansen Self Retaining Retractor 3 x 3 Blunt Prongs - With Adjustment Screw 10 cm - 4" Stainless Steel    | 1        |
| TR-101-08 | Frazier Suction Tube 8 Charr. 19.5 cm - 7 3/4" √ø 2.6 mm Stainless Steel                                 | 1        |
| TR-101-10 | Frazier Suction Tube 10 Charr. 19.5 cm - 7 3/4" √ø 3.3 mm Stainless Steel                                | 1        |
| SU-588-12 | UltraGripX-ø TC Webster Needle Holder Smooth Jaw 13 cm - 5" Stainless Steel                              | 1        |
| SU-586-13 | UltraGripX TC Halsey Needle Holder 13 cm - 5" Stainless Steel                                            | 1        |
| SI-012-15 | Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6" Stainless Steel                     | 1        |
| FR-772-01 | Graefe Fixation Forcep Without Lock 11 cm - 4 1/4" Stainless Steel                                       | 1        |
| OT-291-08 | Mini-McGee Micro Alligator Forcep Smooth-Straight 8 cm - 3" Jaw Size 3.5 x 0.6 mm Stainless Steel        | 1        |
| OT-293-08 | Mini-McGee Micro Alligator Forcep Serrated-Straight 8 cm - 3" Jaw Size 3.5 x 0.6 mm Stainless Steel      | 1        |
| OT-305-08 | Micro Alligator Forcep Serrated-Bent Upwards 8 cm - 3" Jaw Size 4.0 x 0.6 mm Stainless Steel             | 1        |
| OT-337-08 | Bellucci Micro Scissor Left - Very Fine 8 cm - 3" Blade Size 4.0 x 0.8 mm Stainless Steel                | 1        |
| OT-335-08 | Bellucci Micro Scissor Right - Very Fine 8 cm - 3" Blade Size 4.0 x 0.8 mm Stainless Steel               | 1        |
| OT-331-08 | Bellucci Micro Scissor Straight - Very Fine 8 cm - 3" Blade Size 4.0 x 0.8 mm Stainless Steel            | 1        |
| OT-365-01 | House-Dieter Malleus Nipper Up Cutting 8 cm - 3" Jaw Opening 1.3 mm Stainless Steel                      | 1        |
| OT-405-15 | Wullstein Sickle Knife 15.5 cm - 6" Stainless Steel                                                      | 1        |
| OT-421-04 | Rosen Circular Cut Knife Fig. 4 15 cm - 6" √ø 2.0 mm Stainless Steel                                     | 1        |
| OT-450-16 | Barbara Micro Ear Needle Straight 16 cm - 6 1/4" Stainless Steel                                         | 1        |
| OT-455-16 | Rosen Micro Ear Pick 16 cm - 6 1/4" Stainless Steel                                                      | 1        |
| OT-520-01 | House Micro Ear Curette 14.5 cm - 5 3/4" Cup Size 1 / Cup Size 2 1.0 mm - 1.2 mm Stainless Steel         | 1        |
| OT-520-02 | House Micro Ear Curette 14.5 cm - 5 3/4" Cup Size 1 / Cup Size 2 1.5 mm - 1.8 mm Stainless Steel         | 1        |
| OT-520-03 | House Micro Ear Curette 14.5 cm - 5 3/4" Cup Size 1 / Cup Size 2 1.0 mm - 1.2 mm Stainless Steel         | 1        |
| OT-520-04 | House Micro Ear Curette 14.5 cm - 5 3/4" Cup Size 1 / Cup Size 2 1.5 mm - 1.8 mm Stainless Steel         | 1        |
| OT-052-01 | Farrior Ear Speculum Fig. 1 - Black 3.6 cm / 1 1/2" √ø 5.5 mm Stainless Steel                            | 1        |
| OT-052-03 | Farrior Ear Speculum Fig. 3 - Black 3.6 cm / 1 1/2" √ø 7.5 mm Stainless Steel                            | 1        |
| OT-052-05 | Farrior Ear Speculum Fig. 5 - Black 3.6 cm / 1 1/2" √ø 9.5 mm Stainless Steel                            | 1        |
| OT-052-07 | Farrior Ear Speculum Fig. 7 - Black 3.6 cm / 1 1/2" √ø 11.5 mm Stainless Steel                           | 1        |



### Middle Ear Set

| Codes     | Description                                                                                                                   | Quantity |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------|
| OT-211-14 | Gruenwald (Lucae) Ear Forcep Bayonet Shaped 14.5 cm - 5 3/4" Stainless Steel                                                  | 1        |
| OT-573-02 | Buck Ear Curette Fig. 00 - Angled - Sharp 17 cm - 6 3/4" Ø 2.3 mm Stainless Steel                                             | 1        |
| OT-573-11 | Buck Ear Curette Fig. 1 - Angled - Sharp 17 cm - 6 3/4" Ø 3.0 mm Stainless Steel                                              | 1        |
| OT-660-01 | Billeau Ear Loop 16 cm - 6 1/4" Working End 2.0 mm Stainless Steel                                                            | 1        |
| OT-660-02 | Billeau Ear Loop 16 cm - 6 1/4" Working End 3.0 mm Stainless Steel                                                            | 1        |
| OT-660-03 | Billeau Ear Loop 16 cm - 6 1/4" Working End 4.0 mm Stainless Steel                                                            | 1        |
| RH-475-18 | Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel | 1        |
| RT-034-15 | Joseph Mucus Hook Sharp 15.5 cm - 6" Stainless Steel                                                                          | 2        |
| RT-074-07 | Joseph Mucosa Hook 16.5 cm - 6 1/2" Width 7.0 mm Stainless Steel                                                              | 1        |

### Mastoid Surgery Set

| Codes     | Description                                                                                                                   | Quantity |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------|
| SF-350-18 | Foerster Sponge Holding Forcep Straight 18 cm - 7" Stainless Steel                                                            | 2        |
| AF-773-08 | Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel                                                                            | 4        |
| SL-030-07 | Scalpel Handle No. 7 Solid 16 cm - 6 1/4" Stainless Steel                                                                     | 2        |
| FR-270-15 | Gillies Dissecting Forcep 1 x 2 Teeth 15.5 cm - 6" Stainless Steel                                                            | 2        |
| FR-060-15 | McIndoe Dressing Forcep 15 cm - 6" Stainless Steel                                                                            | 2        |
| SS-041-14 | Mayo Dissecting Scissor Curved 14.5 cm - 5 3/4" Stainless Steel                                                               | 1        |
| SS-440-11 | Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                                                        | 1        |
| SS-430-10 | Iris Scissor Straight 10 cm - 4" Stainless Steel                                                                              | 1        |
| AF-183-14 | Providence-Hospital Haemostatic Forcep Curved 14 cm - 5 1/2" Stainless Steel                                                  | 6        |
| SU-026-13 | Halsey Needle Holder Serrated Jaws 13.5 cm - 5 1/4" Stainless Steel                                                           | 2        |
| OR-309-04 | Partsch Bone Gouge 13.5 cm - 5 1/4" Blade Width 4 mm Stainless Steel                                                          | 1        |
| OR-309-05 | Partsch Bone Gouge 13.5 cm - 5 1/4" Blade Width 5 mm Stainless Steel                                                          | 1        |
| OR-309-08 | Partsch Bone Gouge 13.5 cm - 5 1/4" Blade Width 8 mm Stainless Steel                                                          | 1        |
| OR-302-10 | Bone Gouge 13.5 cm - 5 1/4" Blade Width 10 mm Stainless Steel                                                                 | 1        |
| OR-302-12 | Bone Gouge 13.5 cm - 5 1/4" Blade Width 12 mm Stainless Steel                                                                 | 1        |
| OT-201-13 | Troeltsch (Wilde) Ear Forcep 12.5 cm - 5" Stainless Steel                                                                     | 1        |
| OT-225-14 | Hartmann Ear Polypus Forcep Regular Model 14 cm - 5 1/2" Stainless Steel                                                      | 1        |
| OT-251-08 | Hartmann-Wullstein Alligator Forcep 8.5 cm - 3 1/4" Stainless Steel                                                           | 1        |
| RH-013-06 | Thudichum Nasal Speculum Fig. 6 22 mm Stainless Steel                                                                         | 1        |
| OR-476-16 | Williger Bone Mallet 16.5 cm - 6 1/2" Head √ø 20.0 mm - Weight 140 Grams Stainless Steel                                      | 1        |
| RT-012-01 | Gillies Skin Hook Fig. 1 18 cm - 7" Stainless Steel                                                                           | 1        |
| OR-563-16 | Jansen Bone Curette 16 cm - 6 1/4" Stainless Steel                                                                            | 1        |
| RT-735-01 | Plester Self Retaining Retractor Left 10.5 cm - 4" Stainless Steel                                                            | 1        |
| RT-735-02 | Plester Self Retaining Retractor Right 10.5 cm - 4" Stainless Steel                                                           | 1        |
| RH-547-21 | Howarth Periosteal Elevator 21.5 cm - 8 1/2" Stainless Steel                                                                  | 1        |
| RT-210-04 | Volkman Retractor 4 Sharp Prongs 22 cm - 8 3/4" Stainless Steel                                                               | 2        |
| SI-015-15 | Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6" Stainless Steel                                          | 2        |
| FR-200-14 | Standard Pattern Dissecting Forcep 1 x 2 Teeth 14.5 cm - 5 3/4" Stainless Steel                                               | 1        |
| SS-004-14 | Operating Scissor Straight - Sharp/Blunt 14.5 cm - 5 3/4" Stainless Steel                                                     | 1        |
| OR-558-01 | Williger Bone Curette Double Ended - Oval/Oval - Fig. 0/Fig. 1 13.5 cm - 5 1/4" Stainless Steel                               | 1        |
| RT-732-13 | Plester Self Retaining Retractor 2 x 2 Sharp Prongs 13 cm - 5" Stainless Steel                                                | 1        |
| RH-475-18 | Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel | 1        |
| TR-101-10 | Frazier Suction Tube 10 Charr. 19.5 cm - 7 3/4" √ø 3.3 mm Stainless Steel                                                     | 1        |
| TR-701-08 | Redon Guide Needle 8 Charr. - Knife Tip 19.5 cm - 7 3/4" Tip Size 2.7 mm Stainless Steel                                      | 1        |
| SU-060-14 | Mayo-Hegar Needle Holder 14.5 cm - 5 3/4" Stainless Steel                                                                     | 1        |
| SS-004-11 | Operating Scissor Straight - Sharp/Blunt 12 cm - 4 3/4" Stainless Steel                                                       | 1        |

### Ear Microsurgery Set

| Codes     | Description                                                                                 | Quantity |
|-----------|---------------------------------------------------------------------------------------------|----------|
| RH-033-01 | Hartmann-Halle Nasal Speculum Fig. 1 15.5 cm - 6" Blade Length 27 mm Stainless Steel        | 1        |
| RH-451-05 | McKenty Septum Elevator 15 cm - 6" Blade Size 5.0 mm Stainless Steel                        | 1        |
| OT-731-03 | Lempert Periosteal Elevator 17 cm - 6 3/4" Width 3 mm Stainless Steel                       | 1        |
| FR-010-11 | Standard Pattern Dressing Forcep 11.5 cm - 4 1/2" Stainless Steel                           | 1        |
| FR-012-14 | Slender Pattern Dressing Forcep 14.5 cm - 5 3/4" Stainless Steel                            | 1        |
| SS-005-11 | Operating Scissor Curved - Sharp/Blunt 12 cm - 4 3/4" Stainless Steel                       | 1        |
| RT-732-13 | Plester Self Retaining Retractor 2 x 2 Sharp Prongs 13 cm - 5" Stainless Steel              | 1        |
| RT-735-01 | Plester Self Retaining Retractor Left 10.5 cm - 4" Stainless Steel                          | 1        |
| RT-735-02 | Plester Self Retaining Retractor Right 10.5 cm - 4" Stainless Steel                         | 1        |
| RT-140-04 | Wound Retractor 4 Sharp Prongs - Large Curve 16.5 cm - 6 1/2" Width 14.0 mm Stainless Steel | 1        |
| SL-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                       | 2        |
| SS-005-14 | Operating Scissor Curved - Sharp/Blunt 14.5 cm - 5 3/4" Stainless Steel                     | 1        |
| AF-220-14 | Rochester-Pean Haemostatic Forcep Straight 14.5 cm - 5 3/4" Stainless Steel                 | 1        |
| SU-586-13 | UltraGripX TC Halsey Needle Holder 13 cm - 5" Stainless Steel                               | 1        |
| AF-160-12 | Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel                   | 1        |

### Ear Microsurgery Set

| Codes     | Description                                                                                      | Quantity |
|-----------|--------------------------------------------------------------------------------------------------|----------|
| AF-161-12 | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                        | 2        |
| AF-773-11 | Backhaus Towel Clamp 11.5 cm - 4 1/2" Stainless Steel                                            | 6        |
| SS-551-12 | Universal Wire Cutting Scissor Angled - One Toothed Cutting Edge 12 cm - 4 3/4" Stainless Steel  | 1        |
| OT-012-02 | Hartmann Ear Speculum Fig. 2 3.6 cm / 1 1/2" √ 5.0 mm Stainless Steel                            | 1        |
| OT-012-03 | Hartmann Ear Speculum Fig. 3 3.6 cm / 1 1/2" √ 6.0 mm Stainless Steel                            | 1        |
| OT-012-04 | Hartmann Ear Speculum Fig. 4 3.6 cm / 1 1/2" √ 7.0 mm Stainless Steel                            | 1        |
| OT-223-12 | Hartmann Ear Polypus Forcep Fine Model 12 cm - 4 3/4" Stainless Steel                            | 1        |
| OT-255-08 | Hartmann Alligator Forcep 8.5 cm - 3 1/4" Stainless Steel                                        | 1        |
| OT-251-08 | Hartmann-Wullstein Alligator Forcep 8.5 cm - 3 1/4" Stainless Steel                              | 1        |
| OT-253-08 | Hartmann-Wullstein Alligator Forcep Cup Shaped 8.5 cm - 3 1/4" √ 1.0 mm Stainless Steel          | 1        |
| OT-261-20 | Hartmann Alligator Forcep Cup Shaped 8.5 cm - 3 1/4" √ 2.0 mm Stainless Steel                    | 1        |
| OT-331-08 | Bellucci Micro Scissor Straight - Very Fine 8 cm - 3" Blade Size 4.0 x 0.8 mm Stainless Steel    | 1        |
| OT-365-01 | House-Dieter Malleus Nipper Up Cutting 8 cm - 3" Jaw Opening 1.3 mm Stainless Steel              | 1        |
| OT-361-01 | McGee Wire Bending Forcep Bent Downwards 8 cm - 3" Jaw Size 3.5 x 0.8 mm Stainless Steel         | 1        |
| TR-185-07 | Verhoeven Suction Cannula With Luer Cone 10 cm - 4" Diameter 0.7 mm √ Stainless Steel            | 4        |
| TR-185-10 | Verhoeven Suction Cannula With Luer Cone 10 cm - 4" Diameter 1.0 mm √ Stainless Steel            | 4        |
| TR-185-12 | Verhoeven Suction Cannula With Luer Cone 10 cm - 4" Diameter 1.2 mm √ Stainless Steel            | 4        |
| TR-185-15 | Verhoeven Suction Cannula With Luer Cone 10 cm - 4" √ 1.5 mm Stainless Steel                     | 4        |
| TR-180-00 | House Suction Adapter With Finger Cutt Off Stainless Steel                                       | 1        |
| TR-101-06 | Frazier Suction Tube 6 Charr. 19.5 cm - 7 3/4" √ 2.0 mm Stainless Steel                          | 1        |
| TR-101-07 | Frazier Suction Tube 7 Charr. 19.5 cm - 7 3/4" √ 2.3 mm Stainless Steel                          | 1        |
| TR-101-09 | Frazier Suction Tube 9 Charr. 19.5 cm - 7 3/4" √ 3.0 mm Stainless Steel                          | 1        |
| OT-673-03 | Lucae Ear Hook Large 14 cm - 5 1/2" Stainless Steel                                              | 1        |
| OT-572-02 | Buck Ear Curette Fig. 00 - Straight - Sharp 17 cm - 6 3/4" √ 2.3 mm Stainless Steel              | 1        |
| OT-572-10 | Buck Ear Curette Fig. 0 - Straight - Sharp 17 cm - 6 3/4" √ 2.6 mm Stainless Steel               | 1        |
| OT-473-10 | McGee Micro Ear Needle For Footplate 15.5 cm - 6" Tip Size 1.0 mm Stainless Steel                | 1        |
| OT-520-01 | House Micro Ear Curette 14.5 cm - 5 3/4" Cup Size 1 / Cup Size 2 1.0 mm - 1.2 mm Stainless Steel | 1        |
| OT-509-05 | Rosen Micro Dissector 15.5 cm - 6" Stainless Steel                                               | 1        |
| OT-461-06 | Barbara Micro Ear Needle Angled 45° 16 cm - 6 1/4" Tip Size 0.6 mm Stainless Steel               | 1        |
| OT-405-15 | Wullstein Sickle Knife 15.5 cm - 6" Stainless Steel                                              | 1        |
| OT-459-03 | Barbara Micro Ear Needle Angled 25° 16 cm - 6 1/4" Tip Size 0.3 mm Stainless Steel               | 1        |
| OT-459-06 | Barbara Micro Ear Needle Angled 25° 16 cm - 6 1/4" Tip Size 0.6 mm Stainless Steel               | 1        |
| OT-535-18 | Zoellner Application Instrument Stainless Steel                                                  | 1        |
| OT-461-10 | Barbara Micro Ear Needle Angled 45° 16 cm - 6 1/4" Tip Size 1.0 mm Stainless Steel               | 1        |
| OT-409-15 | Plester Flap Knife 15 cm - 6" Stainless Steel                                                    | 1        |
| OT-421-04 | Rosen Circular Cut Knife Fig. 4 15 cm - 6" √ 2.0 mm Stainless Steel                              | 1        |
| OT-415-15 | Plester Sickle Knife 15 cm - 6" Stainless Steel                                                  | 1        |
| OT-453-16 | Barbara Micro Ear Pick 16 cm - 6 1/4" Stainless Steel                                            | 1        |
| OT-463-03 | Barbara Micro Ear Needle Angled 90° 16 cm - 6 1/4" Tip Size 0.3 mm Stainless Steel               | 1        |
| OT-463-06 | Barbara Micro Ear Needle Angled 90° 16 cm - 6 1/4" Tip Size 0.6 mm Stainless Steel               | 1        |
| OT-463-10 | Barbara Micro Ear Needle Angled 90° 16 cm - 6 1/4" Tip Size 1.0 mm Stainless Steel               | 1        |

### Ear Foreign Body Removal Set

| Codes     | Description                                                                  | Quantity |
|-----------|------------------------------------------------------------------------------|----------|
| OT-211-14 | Gruenwald (Lucae) Ear Forcep Bayonet Shaped 14.5 cm - 5 3/4" Stainless Steel | 1        |
| OT-237-10 | Quire Foreign Body Lever Forcep 10.5 cm / 4" Stainless Steel                 | 1        |
| OT-255-08 | Hartmann Alligator Forcep 8.5 cm - 3 1/4" Stainless Steel                    | 1        |
| RT-012-02 | Gillies Skin Hook Fig. 2 18 cm - 7" Stainless Steel                          | 1        |
| OT-660-01 | Billeau Ear Loop 16 cm - 6 1/4" Working End 2.0 mm Stainless Steel           | 1        |
| OT-660-02 | Billeau Ear Loop 16 cm - 6 1/4" Working End 3.0 mm Stainless Steel           | 1        |
| OT-010-03 | Hartmann Ear Specula Set of 4 Ref:- OT-012-01 to OT-012-04 Stainless Steel   | 1        |

### Ear Polyp Set

| Codes     | Description                                                           | Quantity |
|-----------|-----------------------------------------------------------------------|----------|
| OT-223-12 | Hartmann Ear Polypus Forcep Fine Model 12 cm - 4 3/4" Stainless Steel | 1        |
| OT-161-18 | Krause Polypus Snare Open Tip 18.5 cm - 7 1/4" Stainless Steel        | 1        |
| OT-170-30 | Snare Wire 100 cm - 39 1/2" Diameter 0.3 mm Stainless Steel           | 1        |
| TR-111-05 | Fergusson Suction Tube 5 Charr. 18 cm - 7" √ 1.7 mm Stainless Steel   | 1        |
| OT-201-11 | Troeltsch (Wilde) Ear Forcep 11 cm / 4 3/8" Stainless Steel           | 1        |

## OTO-RHINO-Laryngological Surgery Set

| Codes     | Description                                                                                                                   | Quantity |
|-----------|-------------------------------------------------------------------------------------------------------------------------------|----------|
| SI-012-15 | Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6" Stainless Steel                                          | 1        |
| TR-151-15 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm - Ø 1.5 mm Stainless Steel                            | 1        |
| TR-151-20 | Baron-Schuknecht Suction Tube With Finger Cutt Off Working Length 75 mm - Ø 2.0 mm Stainless Steel                            | 1        |
| OT-660-01 | Billeau Ear Loop 16 cm - 6 1/4" Working End 2.0 mm Stainless Steel                                                            | 1        |
| OT-660-02 | Billeau Ear Loop 16 cm - 6 1/4" Working End 3.0 mm Stainless Steel                                                            | 1        |
| OT-660-03 | Billeau Ear Loop 16 cm - 6 1/4" Working End 4.0 mm Stainless Steel                                                            | 1        |
| OT-570-10 | Buck Ear Curette Fig. 0 - Straight - Blunt 17 cm - 6 3/4" Ø 2.6 mm Stainless Steel                                            | 1        |
| OT-570-11 | Buck Ear Curette Fig. 1 - Straight - Blunt 17 cm - 6 3/4" Ø 3.0 mm Stainless Steel                                            | 1        |
| OT-570-12 | Buck Ear Curette Fig. 2 - Straight - Blunt 17 cm - 6 3/4" Ø 3.7 mm Stainless Steel                                            | 1        |
| OT-572-10 | Buck Ear Curette Fig. 0 - Straight - Sharp 17 cm - 6 3/4" Ø 2.6 mm Stainless Steel                                            | 1        |
| OT-572-11 | Buck Ear Curette Fig. 1 - Straight - Sharp 17 cm - 6 3/4" Ø 3.0 mm Stainless Steel                                            | 1        |
| OT-572-12 | Buck Ear Curette Fig. 2 - Straight - Sharp 17 cm - 6 3/4" Ø 3.7 mm Stainless Steel                                            | 1        |
| OT-677-01 | Day Ear Hook Long 17 cm - 6 3/4" Stainless Steel                                                                              | 1        |
| OT-677-02 | Day Ear Hook Short 17 cm - 6 3/4" Stainless Steel                                                                             | 1        |
| OT-255-14 | Hartmann Alligator Forcep 14 cm - 5 1/2" Stainless Steel                                                                      | 1        |
| OT-261-25 | Hartmann Alligator Forcep Cup Shaped 8.5 cm - 3 1/4" Ø 2.5 mm Stainless Steel                                                 | 1        |
| SS-440-11 | Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                                                        | 1        |
| SS-441-11 | Iris Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                                                          | 1        |
| OT-211-14 | Gruenwald (Lucae) Ear Forcep Bayonet Shaped 14.5 cm - 5 3/4" Stainless Steel                                                  | 1        |
| OT-283-08 | McGee Micro Alligator Forcep Serrated-Straight 8 cm - 3" Jaw Size 4.0 x 0.8 mm Stainless Steel                                | 1        |
| OT-293-08 | Mini-McGee Micro Alligator Forcep Serrated-Straight 8 cm - 3" Jaw Size 3.5 x 0.6 mm Stainless Steel                           | 1        |
| OT-311-08 | Micro Alligator Forcep Straight - Cup Shaped 8 cm - 3" Cup Size - Jaw Size 1.0 x 0.9 mm - 4.0 mm Stainless Steel              | 1        |
| OT-255-08 | Hartmann Alligator Forcep 8.5 cm - 3 1/4" Stainless Steel                                                                     | 1        |
| OT-555-01 | Shapleigh Ear Curette Fig. 1 15 cm - 6" Stainless Steel                                                                       | 1        |
| OT-555-02 | Shapleigh Ear Curette Fig. 2 15 cm - 6" Stainless Steel                                                                       | 1        |
| SS-456-11 | Strabismus Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                                                  | 1        |
| SS-457-11 | Strabismus Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                                                    | 1        |
| RH-023-01 | Mod. Vienna Nasal Speculum Fig. 1 Blade Length 27 mm Stainless Steel                                                          | 1        |
| RH-023-02 | Mod. Vienna Nasal Speculum Fig. 2 Blade Length 31 mm Stainless Steel                                                          | 1        |
| RH-023-03 | Mod. Vienna Nasal Speculum Fig. 3 Blade Length 35 mm Stainless Steel                                                          | 1        |
| OT-201-11 | Troeltsch (Wilde) Ear Forcep 11 cm / 4 3/8" Stainless Steel                                                                   | 1        |
| OT-225-14 | Hartmann Ear Polypus Forcep Regular Model 14 cm - 5 1/2" Stainless Steel                                                      | 1        |
| OT-229-16 | Tilley Ear Polypus Forcep 16 cm - 6 1/4" Stainless Steel                                                                      | 1        |
| OT-800-00 | Ear Syringe Complete With Protection Disk and 2 Tips Capacity 50 ml Stainless Steel                                           | 1        |
| OT-751-02 | Citelli Mastoid Rongeur 17 cm - 6 3/4" Bite Size 2 mm Stainless Steel                                                         | 1        |
| RH-804-01 | Cottle-Walsham Septum Straightning Forcep Straight 23 cm - 9" Stainless Steel                                                 | 1        |
| AF-773-08 | Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel                                                                            | 6        |
| SL-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                                                         | 2        |
| RT-251-01 | Langenbeck Retractor 22.5 cm - 8 3/4" Blade Size 30 x 11 mm Stainless Steel                                                   | 2        |
| RT-220-01 | Kocher Retractor 1 Sharp Prong 22 cm - 8 3/4" Stainless Steel                                                                 | 2        |
| RT-210-04 | Volkman Retractor 4 Sharp Prongs 22 cm - 8 3/4" Stainless Steel                                                               | 2        |
| TM-181-21 | Schoenborn Tracheal Retractor 21 cm - 8 1/4" Stainless Steel                                                                  | 1        |
| AF-161-12 | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                                                     | 12       |
| AF-220-24 | Rochester-Pean Haemostatic Forcep Straight 24.5 cm - 9 3/4" Stainless Steel                                                   | 4        |
| AF-161-12 | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                                                     | 6        |
| FR-012-14 | Slender Pattern Dressing Forcep 14.5 cm - 5 3/4" Stainless Steel                                                              | 1        |
| FR-210-14 | Slender Pattern Dissecting Forcep 1 x 2 Teeth 14.5 cm - 5 3/4" Stainless Steel                                                | 1        |
| SS-005-14 | Operating Scissor Curved - Sharp/Blunt 14.5 cm - 5 3/4" Stainless Steel                                                       | 1        |
| SS-105-15 | Joseph Dissecting Scissor / Opreating Scissor Curved 15 cm - 6" Stainless Steel                                               | 1        |
| SS-131-14 | Metzenbaum Dissecting Scissor Curved - Blunt/Blunt 14.5 cm - 5 3/4" Stainless Steel                                           | 1        |
| SS-041-17 | Mayo Dissecting Scissor Curved 17 cm - 6 3/4" Stainless Steel                                                                 | 1        |
| RH-475-18 | Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel | 1        |
| OR-949-18 | Beyer Bone Rongeur Compound Action 18 cm - 7" Stainless Steel                                                                 | 1        |
| SS-341-21 | Killian Bone Shear 21 cm - 8 1/4" Stainless Steel                                                                             | 1        |
| TM-252-20 | Lahey Goitre Grasping Forcep 3 x 3 Teeth 20 cm - 8" Stainless Steel                                                           | 1        |
| SU-855-20 | Kocher Ligature Needle 20.5 cm - 8" Stainless Steel                                                                           | 2        |
| SU-877-20 | Deschamps Ligature Needle Blunt for Left Hand Medium 20 cm - 8" Stainless Steel                                               | 2        |
| TR-251-27 | Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4" Stainless Steel                                            | 1        |
| SU-050-15 | Crile-Wood Needle Holder 15 cm - 6" Stainless Steel                                                                           | 1        |
| TM-321-06 | Chevalier-Jackson Tracheal Tube Fig. 2 55 mm Ø 6.0 mm Stainless Steel                                                         | 1        |
| TM-321-08 | Chevalier-Jackson Tracheal Tube Fig. 4 65 mm Ø 8.0 mm Stainless Steel                                                         | 1        |
| TM-321-10 | Chevalier-Jackson Tracheal Tube Fig. 6 75 mm Ø 10.0 mm Stainless Steel                                                        | 1        |
| RT-101-01 | Wound Retractor 1 Blunt Prong 16.5 cm - 6 1/2" Stainless Steel                                                                | 2        |
| TR-701-12 | Redon Guide Needle 12 Charr. - Knife Tip 19.5 cm - 7 3/4" Tip Size 4.0 mm Stainless Steel                                     | 1        |
| SF-350-20 | Foerster Sponge Holding Forcep Straight 20.5 cm - 8" Stainless Steel                                                          | 4        |
| SI-015-19 | Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 19 cm - 7 1/2" Stainless Steel                                        | 2        |
| RT-172-18 | Cushing Retractor / Saddle Hook 20.5 cm - 8" Blade Size 18 mm Stainless Steel                                                 | 2        |
| RT-561-00 | Roux Retractor Set of Fig. 1, Fig. 2 and Fig. 3 Stainless Steel                                                               | 1        |
| RT-301-01 | Zenker Retractor 25 cm - 9 3/4" Blade Size 35 x 8 mm Stainless Steel                                                          | 1        |
| RT-301-02 | Zenker Retractor 26.5 cm - 10 1/2" Blade Size 60 x 12 mm Stainless Steel                                                      | 1        |
| AF-421-02 | Overholt-Geissendorfer Dissecting and Ligature Forcep Fig. 2 20 cm - 8" Stainless Steel                                       | 1        |

### OTO-RHINO-Laryngological Surgery Set

| Codes     | Description                                                                                   | Quantity |
|-----------|-----------------------------------------------------------------------------------------------|----------|
| AF-421-03 | Overholt-Geissendorfer Dissecting and Ligature Forcep Fig. 3 21.5 cm - 8 1/2" Stainless Steel | 1        |
| AF-421-04 | Overholt-Geissendorfer Dissecting and Ligature Forcep Fig. 4 22 cm - 8 3/4" Stainless Steel   | 1        |
| AF-421-07 | Overholt-Geissendorfer Dissecting and Ligature Forcep Fig. 7 22 cm - 8 3/4" Stainless Steel   | 1        |
| AF-269-18 | Adson Haemostatic Forcep Curved 18.5 cm - 7 1/4" Stainless Steel                              | 1        |
| AF-471-18 | Gemini Dissecting and Ligature Forcep Curved 18 cm - 7" Stainless Steel                       | 1        |
| AF-471-23 | Gemini Dissecting and Ligature Forcep Curved 23 cm - 9" Stainless Steel                       | 1        |
| SS-004-16 | Operating Scissor Straight - Sharp/Blunt 16.5 cm - 6 1/2" Stainless Steel                     | 1        |
| SS-002-18 | Operating Scissor Straight - Blunt/Blunt 18.5 cm - 7 1/4" Stainless Steel                     | 1        |
| SS-457-11 | Strabismus Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                    | 1        |
| SU-060-18 | Mayo-Hegar Needle Holder 18.5 cm - 7 1/4" Stainless Steel                                     | 2        |
| FR-050-12 | Adson Dressing Forcep 12 cm - 4 3/4" Stainless Steel                                          | 1        |
| FR-250-12 | Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel                            | 1        |
| SI-015-15 | Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6" Stainless Steel          | 2        |
| AF-773-08 | Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel                                            | 4        |
| AF-211-14 | Crile Haemostatic Forcep Curved 14 cm - 5 1/2" Stainless Steel                                | 4        |
| SF-351-18 | Foerster Sponge Holding Forcep Curved 17.5 cm - 7" Stainless Steel                            | 1        |
| AF-160-12 | Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel                     | 3        |
| AF-161-12 | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                     | 3        |
| RT-040-02 | Cushing Nerve Hook Blunt - Fig.2 19.5 cm - 7 3/4" Stainless Steel                             | 2        |
| TM-151-14 | Laborde Tracheal Dilator 14 cm - 5 1/2" Stainless Steel                                       | 1        |
| SS-040-14 | Mayo Dissecting Scissor Straight 14.5 cm - 5 3/4" Stainless Steel                             | 1        |
| SS-131-14 | Metzenbaum Dissecting Scissor Curved - Blunt/Blunt 14.5 cm - 5 3/4" Stainless Steel           | 1        |
| TM-171-16 | Iterson Tracheal Hook Sharp 17 cm - 6 3/4" Stainless Steel                                    | 1        |
| TR-251-27 | Yankauer Suction Tube Complete Central Bore 2.0 mm 31 cm - 12 1/4" Stainless Steel            | 1        |
| AF-221-14 | Rochester-Pean Haemostatic Forcep Curved 14 cm - 5 1/2" Stainless Steel                       | 2        |
| SI-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                         | 1        |
| SS-542-13 | Spencer Stitch Scissor 13 cm - 5" Stainless Steel                                             | 1        |
| SU-594-15 | UltraGripX TC Crile-Wood Needle Holder 15 cm - 6" Stainless Steel                             | 1        |
| RT-710-11 | Weitlaner Self Retaining Retractor 2 x 3 Sharp Prongs 11 cm - 4 1/4" Stainless Steel          | 1        |

### Sinus Surgery Set

| Codes     | Description                                                                                  | Quantity |
|-----------|----------------------------------------------------------------------------------------------|----------|
| OR-603-18 | Molt Periosteal Raspator / Elevator 18 cm - 7" Stainless Steel                               | 1        |
| OR-941-01 | Blumenthal Bone Rongeur 15 cm - 6" Stainless Steel                                           | 1        |
| OR-440-05 | Bone Tamper 15.5 cm - 6" √ 5.0 mm Stainless Steel                                            | 1        |
| DI-850-20 | Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel                 | 1        |
| RH-703-01 | Miller-Colburn Bone File Fig. 1 - Cross Cut 18 cm - 7" Stainless Steel                       | 1        |
| RH-703-03 | Miller-Colburn Bone File Fig. 3 - Cross Cut 18 cm - 7" Stainless Steel                       | 1        |
| RH-620-04 | Cottle Osteotome Straight 18.5 cm - 7 1/4" Blade Width 4.0 mm Stainless Steel                | 1        |
| RH-620-07 | Cottle Osteotome Straight 18.5 cm - 7 1/4" Blade Width 7.0 mm Stainless Steel                | 1        |
| RH-620-09 | Cottle Osteotome Straight 18.5 cm - 7 1/4" Blade Width 9.0 mm Stainless Steel                | 1        |
| SS-101-16 | Kelly Dissecting Scissor / Operating Scissor Curved 16 cm - 6 1/4" Stainless Steel           | 1        |
| RH-281-19 | Jansen-Middleton Septum Forcep Through Cutting Jaws 19 cm - 7 1/2" Stainless Steel           | 1        |
| SS-417-16 | Locklin Gum Scissor Angled - One Toothed Cutting Edge 16 cm - 6 1/4" Stainless Steel         | 1        |
| OR-460-17 | Gerzog Bone Mallet 19 cm - 7 1/2" Head √ 25.0 mm - Weight 225 Grams Stainless Steel          | 1        |
| OR-975-15 | Cleveland Bone Cutting Forcep 14.5 cm - 5 3/4" Stainless Steel                               | 1        |
| OM-121-11 | Martin-Simplex Lip and Cheek Retractor 10.5 cm / 4" Stainless Steel                          | 1        |
| OM-451-01 | Tatum Sinus Lift Curette Fig. 1 18 cm - 7" Blade Width 2.6 mm - 2.6 mm Stainless Steel       | 1        |
| OM-453-02 | Tatum Sinus Lift Curette Fig. 2 17.5 cm - 7" Blade Width 2.6 mm - 2.6 mm Stainless Steel     | 1        |
| OM-455-03 | Tatum Sinus Lift Curette Fig. 3 18 cm - 7" Blade Width 4.1 mm - 4.1 mm Stainless Steel       | 1        |
| OM-457-04 | Tatum Sinus Lift Curette Fig. 4 18.5 cm - 7 1/4" Blade Width 4.1 mm - 4.1 mm Stainless Steel | 1        |
| OM-459-05 | Tatum Sinus Lift Curette Fig. 5 18.5 cm - 7 1/4" Blade Width 6.7 mm - 6.7 mm Stainless Steel | 1        |
| OM-461-06 | Tatum Sinus Lift Curette Fig. 6 19 cm - 7 1/2" Blade Width 6.7 mm - 6.7 mm Stainless Steel   | 1        |
| OM-463-07 | Tatum Sinus Lift Curette Fig. 7 16 cm - 6 1/4" Blade Width 2.8 mm - 6.2 mm Stainless Steel   | 1        |
| SU-594-15 | UltraGripX TC Crile-Wood Needle Holder 15 cm - 6" Stainless Steel                            | 1        |
| TR-111-09 | Fergusson Suction Tube 9 Charr. 18 cm - 7" √ 3.0 mm Stainless Steel                          | 1        |

## FESS (Functional Endoscopic Sinus Surgery) SET

| Codes        | Description                                                                                                                                  | Quantity |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|
| TR-101-09    | Frazier Suction Tube 9 Charr. 19.5 cm - 7 3/4" ∅ 3.0 mm Stainless Steel                                                                      | 1        |
| PR-500-14    | Farrell Cotton Applicator Round Spiral End End 14 cm - 5 1/2" Working End ∅ 0.9 mm Stainless Steel                                           | 1        |
| SF-350-18    | Foerster Sponge Holding Forcep Straight 18 cm - 7" Stainless Steel                                                                           | 1        |
| RH-475-18    | Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel                | 1        |
| RH-735-18    | Wiener Nasal Rasp 18 cm - 7" Stainless Steel                                                                                                 | 1        |
| RH-841-01    | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                                                        | 1        |
| RH-841-04    | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                                                        | 1        |
| RH-841-05    | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                                                        | 1        |
| TL-015-19    | Abraham Tonsil Knife 19 cm - 7 1/2" Stainless Steel                                                                                          | 1        |
| RH-645-01    | Antrum Curette Oval Fig. 1 19 cm - 7 1/2" Stainless Steel                                                                                    | 1        |
| RH-645-02    | Antrum Curette Oval Fig. 2 19 cm - 7 1/2" Stainless Steel                                                                                    | 1        |
| RH-645-03    | Antrum Curette Oval Fig. 3 19 cm - 7 1/2" Stainless Steel                                                                                    | 1        |
| RH-647-02    | Antrum Curette Oblong Small 19 cm - 7 1/2" Stainless Steel                                                                                   | 1        |
| RH-649-01    | Antrum Curette Angled Forward Cutting 19 cm - 7 1/2" Tip Size 7 x 10 mm Stainless Steel                                                      | 1        |
| RH-649-02    | Antrum Curette Angled Backward Cutting 19 cm - 7 1/2" Tip Size 7 x 10 mm Stainless Steel                                                     | 1        |
| RH-541-22    | Cottle Periosteal Elevator 23 cm - 9" Blade Size 1 - Blade Size 2 3.3 mm - 3.7 mm Stainless Steel                                            | 1        |
| RH-033-01    | Hartmann-Halle Nasal Speculum Fig. 1 15.5 cm - 6" Blade Length 27 mm Stainless Steel                                                         | 1        |
| RH-033-02    | Hartmann-Halle Nasal Speculum Fig. 2 15.5 cm - 6" Blade Length 31 mm Stainless Steel                                                         | 1        |
| TR-010-00    | Universal Trocar With 4 Trocar Tips Diameter 1.7 mm, 3.0 mm, 4.5 mm and 6.0 mm 14.5 cm - 5 3/4" Stainless Steel                              | 1        |
| RH-881-30    | Eicken-Killian Irrigation Cannula 14 cm - 5 1/2" ∅ 3.0 mm Stainless Steel                                                                    | 1        |
| RH-881-40    | Eicken-Killian Irrigation Cannula 14 cm - 5 1/2" ∅ 4.0 mm Stainless Steel                                                                    | 1        |
| TR-493-20    | Tonsil Needle Tapered Tip - With Luer Lock Connection Needle ∅ 0.65 mm Stainless Steel                                                       | 1        |
| OT-266-08    | Struempel Alligator Forcep Angled 45° Upwards 8.5 cm - 3 1/4" Stainless Steel                                                                | 1        |
| RH-181-12    | Takahashi Ethmoid Forcep Straight 12 cm - 4 3/4" Stainless Steel                                                                             | 1        |
| RH-105-21    | Gruenwald (Jansen) Nasal Tampon Forcep 21.5 cm - 8 1/2" Stainless Steel                                                                      | 1        |
| RH-180-21    | Sinus Forcep Cup Shaped Jaws Straight 12 cm - 4 3/4" Bite Size ∅ 3 mm Stainless Steel                                                        | 1        |
| RH-231-02    | Struycken Nasal Cutting Forcep Fig. 2 12 cm - 4 3/4" Bite Size 1.2 mm Stainless Steel                                                        | 1        |
| RH-309-01    | Antrum Punch Backward Cutting 14 cm - 5 1/2" Bite size 4 mm x 5 mm Stainless Steel                                                           | 1        |
| RH-309-02    | Antrum Punch Forward Cutting 14 cm - 5 1/2" Bite size 4 mm x 5 mm Stainless Steel                                                            | 1        |
| RH-201-01    | Weil-Blakesley Nasal Cutting Forcep Straight - Fig. 1 12 cm - 4 3/4" Bite Size 3.0 mm Stainless Steel                                        | 1        |
| RH-201-02    | Weil-Blakesley Nasal Cutting Forcep Straight - Fig. 2 12 cm - 4 3/4" Bite Size 3.5 mm Stainless Steel                                        | 1        |
| RH-203-01    | Weil-Blakesley Nasal Cutting Forcep Angled 45° - Fig. 1 12 cm - 4 3/4" Bite Size 3.0 mm Stainless Steel                                      | 1        |
| RH-203-02    | Weil-Blakesley Nasal Cutting Forcep Angled 45° - Fig. 2 12 cm - 4 3/4" Bite Size 3.5 mm Stainless Steel                                      | 1        |
| RH-205-02    | Weil-Blakesley Nasal Cutting Forcep Angled 90° - Fig. 2 12 cm - 4 3/4" Bite Size 3.5 mm Stainless Steel                                      | 1        |
| RH-251-25    | Blakesley Nasal Cutting Forcep Through Cut Straight Bite Size 2.5 mm Shaft Length 12 cm - 4 3/4" Stainless Steel                             | 1        |
| RH-251-35    | Blakesley Nasal Cutting Forcep Through Cut Straight Bite Size 3.5 mm Shaft Length 12 cm - 4 3/4" Stainless Steel                             | 1        |
| RH-257-35    | Blakesley Nasal Cutting Forcep Through Cut Angled 45° Upwards Bite Size 3.5 mm Shaft Length 12 cm - 4 3/4" Stainless Steel                   | 1        |
| RH-234-00    | Stammburger Nasal Cutting Forcep Retrograde 360° Rotatable 12 cm - 4 3/4" Bite Size 2.0 mm Stainless Steel                                   | 1        |
| RH-281-19    | Jansen-Middleton Septum Forcep Through Cutting Jaws 19 cm - 7 1/2" Stainless Steel                                                           | 1        |
| SI-012-15    | Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6" Stainless Steel                                                         | 1        |
| FR-250-12    | Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel                                                                           | 1        |
| AF-161-12    | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                                                                    | 2        |
| AF-160-12    | Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel                                                                    | 2        |
| AF-211-14    | Crile Haemostatic Forcep Curved 14 cm - 5 1/2" Stainless Steel                                                                               | 2        |
| AF-210-14    | Crile Haemostatic Forcep Straight 14.5 cm - 5 3/4" Stainless Steel                                                                           | 2        |
| AF-773-08    | Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel                                                                                           | 4        |
| SS-361-18    | Heymann Nasal Scissor 18.5 cm - 7 1/4" Stainless Steel                                                                                       | 1        |
| RH-261-11    | Nasal Sinus Scissor Straight 12 cm - 4 3/4" Stainless Steel                                                                                  | 1        |
| RH-261-13    | Nasal Sinus Scissor Curved Right 12 cm - 4 3/4" Stainless Steel                                                                              | 1        |
| RH-261-14    | Nasal Sinus Scissor Curved Left 12 cm - 4 3/4" Stainless Steel                                                                               | 1        |
| SS-440-11 SC | SuperEdge Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel                                                                             | 1        |
| SS-441-11 SC | SuperEdge-∅ Iris Scissor Curved 11.5 cm - 4 1/2" Stainless Steel                                                                             | 1        |
| SU-594-15    | UltraGripX TC Crile-Wood Needle Holder 15 cm - 6" Stainless Steel                                                                            | 1        |
| SU-584-13    | UltraGripX-∅ TC Halsey Needle Holder Smooth Jaw 13 cm - 5" Stainless Steel                                                                   | 1        |
| RH-271-15    | Cottle Masing Needle Holder Smooth Jaws Shaft Size 15 cm - 6" Stainless Steel                                                                | 1        |
| OT-683-02    | Kuhn Frontal Sinus Seeker Double Ended Fig. 2, Both Sides Curved 90° One Tip Straight Other Tip Reverse Angle 22 cm - 8 1/2" Stainless Steel | 1        |
| OT-681-19    | Maxillary Ostium Sinus Seeker With Ball Probes Double Ended (∅ 1.2 and 2.0 mm) 19 cm - 7 1/2" Stainless Steel                                | 1        |
| SL-010-03    | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                                                                        | 1        |

### Caldwell Luc Set

| Codes     | Description                                                                                           | Quantity |
|-----------|-------------------------------------------------------------------------------------------------------|----------|
| OR-470-19 | Cottle Bone Mallet Plain - Convex 19 cm - 7 1/2" Head Ø 30.0 mm - Weight 300 Grams Stainless Steel    | 1        |
| SL-030-07 | Scalpel Handle No. 7 Solid 16 cm - 6 1/4" Stainless Steel                                             | 1        |
| AF-773-13 | Backhaus Towel Clamp 13 cm - 5" Stainless Steel                                                       | 2        |
| SF-350-18 | Foerster Sponge Holding Forcep Straight 18 cm - 7" Stainless Steel                                    | 1        |
| SU-588-12 | UltraGripX—ô TC Webster Needle Holder Smooth Jaw 13 cm - 5" Stainless Steel                           | 1        |
| NS-406-01 | Love-Gruenwald Laminectomy Rongeur Straight 18 cm - 7" Bite Size 3 x 10 mm Stainless Steel            | 1        |
| SI-012-15 | Allis Intestinal and Tissue Grasping Forcep 4 x 5 Teeth 15.5 cm - 6" Stainless Steel                  | 1        |
| RH-201-01 | Weil-Blakesley Nasal Cutting Forcep Straight - Fig. 1 12 cm - 4 3/4" Bite Size 3.0 mm Stainless Steel | 1        |
| RH-201-03 | Weil-Blakesley Nasal Cutting Forcep Straight - Fig. 3 12 cm - 4 3/4" Bite Size 4.5 mm Stainless Steel | 1        |
| RH-201-05 | Weil-Blakesley Nasal Cutting Forcep Straight - Fig. 5 12 cm - 4 3/4" Bite Size 5.5 mm Stainless Steel | 1        |
| RH-303-01 | Hajak-Kofler Sphenoid Punch Up Cutting 14 cm - 5 1/2" Bite size 3.5 x 3.5 mm Stainless Steel          | 1        |
| RH-305-05 | Kerrison Sphenoid Punch Up Cutting 9 cm - 3 1/2" Bite size 5.0 x 5.0 mm Stainless Steel               | 1        |
| RH-461-16 | Joseph Septum Elevator 16 cm - 6 1/4" Blade Size 4.0 mm Stainless Steel                               | 1        |
| RH-600-16 | Freer Septum Chisel Straight 16.5 cm - 6 1/2" Blade Width 4.0 mm Stainless Steel                      | 1        |
| RH-610-02 | Ballenger Septum Gouge 15 cm - 6" Blade Width 2.0 mm Stainless Steel                                  | 1        |
| RH-610-04 | Ballenger Septum Gouge 15 cm - 6" Blade Width 4.0 mm Stainless Steel                                  | 1        |
| RH-610-06 | Ballenger Septum Gouge 15 cm - 6" Blade Width 6.0 mm Stainless Steel                                  | 1        |
| RH-841-01 | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                 | 1        |
| RH-841-02 | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                 | 1        |
| RH-841-03 | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                 | 1        |
| RH-841-04 | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                 | 1        |
| RH-841-05 | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                 | 1        |
| RH-841-06 | Coakley Antrum Curette 17 cm - 6 3/4" Stainless Steel                                                 | 1        |

### Thyroid Surgery Set

| Codes     | Description                                                                               | Quantity |
|-----------|-------------------------------------------------------------------------------------------|----------|
| RT-162-16 | Senn-Miller Retractor Sharp 16 cm - 6 1/4" Blade Size 20 x 7 mm Stainless Steel           | 2        |
| RT-353-01 | Middeldorf Retractor 21.5 cm - 8 1/2" Blade Size 15 x 17 mm Stainless Steel               | 2        |
| RT-357-22 | Greene Retractor 22.5 cm - 8 3/4" Blade Size 22 x 22 mm Stainless Steel                   | 2        |
| RT-174-12 | Cushing Retractor / Saddle Hook 24 cm - 9 1/2" Blade Size 12 mm Stainless Steel           | 2        |
| RT-805-13 | Gelpi Self Retaining Retractor 13 cm - 5" Stainless Steel                                 | 2        |
| RT-712-13 | Weitlaner Self Retaining Retractor 3 x 4 Sharp Prongs 13.5 cm - 5 1/4" Stainless Steel    | 1        |
| RT-271-19 | Lahey Retractor 19.5 cm - 7 3/4" Blade Size 31 x 6 mm Stainless Steel                     | 2        |
| FR-070-12 | Semken Dressing Forcep 12.5 cm - 5" Stainless Steel                                       | 2        |
| FR-050-12 | Adson Dressing Forcep 12 cm - 4 3/4" Stainless Steel                                      | 1        |
| FR-590-16 | DeBakey Atrauma Forcep 16 cm - 6 1/4" Tip Size 1.5 mm Stainless Steel                     | 2        |
| FR-206-14 | Dissecting Forcep 4 x 5 Teeth 14.5 cm - 5 3/4" Stainless Steel                            | 2        |
| FR-252-12 | Mini-Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel                   | 2        |
| SS-861-14 | UltraCut TC Mayo Dissecting Scissor Curved 14.5 cm - 5 3/4" Stainless Steel               | 1        |
| SS-861-17 | UltraCut TC Mayo Dissecting Scissor Curved 17 cm - 6 3/4" Stainless Steel                 | 1        |
| SS-905-18 | UltraCut TC Metzenbaum Dissecting Scissor Curved 18 cm - 7" Stainless Steel               | 2        |
| SS-852-14 | UltraCut—ô TC Operating Scissor Straight - Sharp/Blunt 14.5 cm - 5 3/4" Stainless Steel   | 1        |
| AF-161-12 | Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel                 | 12       |
| AF-211-14 | Crile Haemostatic Forcep Curved 14 cm - 5 1/2" Stainless Steel                            | 6        |
| AF-221-16 | Rochester-Pean Haemostatic Forcep Curved 16 cm - 6 1/4" Stainless Steel                   | 2        |
| SI-015-15 | Allis Intestinal and Tissue Grasping Forcep 5 x 6 Teeth 15.5 cm - 6" Stainless Steel      | 6        |
| AF-491-02 | Mixer-Baby Dissecting and Ligature Forcep Strongly Curved 13 cm - 5" Stainless Steel      | 2        |
| AF-471-18 | Gemini Dissecting and Ligature Forcep Curved 18 cm - 7" Stainless Steel                   | 2        |
| AF-230-16 | Ochsner-Kocher Haemostatic Forcep Straight - 1 x 2 Teeth 16.5 cm - 6 1/2" Stainless Steel | 2        |
| TM-250-15 | Lahey Goitre Grasping Forcep 2 x 2 Teeth 15.5 cm - 6" Stainless Steel                     | 2        |
| AF-773-13 | Backhaus Towel Clamp 13 cm - 5" Stainless Steel                                           | 1        |
| SU-038-14 | Hegar-Baumgartner Needle Holder 14.5 cm - 5 3/4" Stainless Steel                          | 2        |
| TR-101-08 | Frazier Suction Tube 8 Charr. 19.5 cm - 7 3/4" √ô 2.6 mm Stainless Steel                  | 12       |
| SL-010-03 | Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel                     | 1        |
| SL-010-04 | Bard-Parker Scalpel Handle No. 4 Solid 13.5 cm - 5 3/8 " Stainless Steel                  | 1        |

## ALPHABETICAL INDEX



**SURTEX**  
INSTRUMENTS

*Crafted to Excellence*



## Alphabetical Index

| A                                          |  | Pages        |
|--------------------------------------------|--|--------------|
| Abraham Tonsil Knife                       |  | 166          |
| Adams Napkin Holder                        |  | 1            |
| Adson Ear Forcep                           |  | 52           |
| Aiach Columella Suturing Forcep            |  | 157          |
| Andrew Tongue Depressor                    |  | 11           |
| Asch Septum Straightening Forcep           |  | 157          |
| Aufricht Glabella Rasp                     |  | 149          |
| Aufricht Nasal Retractor,                  |  | 155-156      |
| Austin Attic Dissector,                    |  | 73           |
| B                                          |  | Pages        |
| Ballenger Septum Gouge                     |  | 133          |
| Ballenger Swivel Knife                     |  | 125          |
| Ballenger-Hajek Septum Elevator            |  | 128          |
| Barbara Micro Ear Needle                   |  | 67-68        |
| Barnhill Adenoid Curette                   |  | 162          |
| Barth Ear Scoop                            |  | 84           |
| Bauer Intra Oral Retractor                 |  | 15           |
| Bauer Osteotome                            |  | 32           |
| Beckmann Adenoid Curette                   |  | 161          |
| Bellucci Micro Scissor                     |  | 61           |
| Beyer Mastoid Rongeur                      |  | 92           |
| Billeau Ear Loop                           |  | 85           |
| Blakesley Nasal Cutting Forcep             |  | 115          |
| Beales Elevator                            |  | 73           |
| Blohmke Tonsil Grasping Forcep             |  | 171          |
| Boise Nasal Fracture Elevator              |  | 31           |
| Bruenings Broncho-Esophagoscopy Forcep Tip |  | 179          |
| Bruenings Ethmoid Forcep,                  |  | 108          |
| Bruenings Interchangeable Tube             |  | 177          |
| Bruenings Tongue Depressor                 |  | 12           |
| Bruenings Tonsil Snare                     |  | 173          |
| Buck Ear Curette                           |  | 82-83        |
| Buck Foreign Body Forcep                   |  | 55           |
| Buckingham Chisel                          |  | 75           |
| C                                          |  | Pages        |
| Carpenter Tonsil Dissector                 |  | 166          |
| Cawood-Minnesota Cheek Retractor           |  | 10           |
| Chevalier                                  |  | 184-187      |
| Chevalier-Jackson Biopsy Forcep            |  | 185-187      |
| Chevalier-Jackson Grasping Forcep          |  | 184-185      |
| Chevalier-Jackson Punch                    |  | 184, 186     |
| Cinelli Osteotome                          |  | 139          |
| Circular Cutting Punch                     |  | 113          |
| Citelli Mastoid Rongeur                    |  | 91           |
| Coakley Antrum Curette                     |  | 159-160      |
| Collin Tongue Holding Forcep               |  | 13           |
| Colver Tonsil Grasping Forcep              |  | 172          |
| Converse Nasal Retractor                   |  | 154-155      |
| Converse Rhinoplasty Knife                 |  | 123          |
| Cordes Broncho-Esophagoscopy Forcep Tip    |  | 180          |
| Corwin Tonsil Haemostat                    |  | 175          |
| Cottle Alar Hook                           |  | 154          |
| Cottle Alar Retractor                      |  | 156          |
| Cottle Cartilage Crusher                   |  | 144          |
| Cottle Nasal Chisel                        |  | 135          |
| Cottle Nasal Osteotome                     |  | 134-136, 140 |
| Cottle Nasal Rasp                          |  | 149          |
| Cottle Nasal Speculum                      |  | 97-99        |
| Cottle Rhinoplasty Knife                   |  | 124          |
| Cottle Septum Elevator                     |  | 129-131      |
| Cottle Sking Grasping Forcep               |  | 158          |
| Cottle-Masing Needle Holder                |  | 119          |
| Cottle-Millard Finger Ring Retractor       |  | 154          |
| C                                          |  | Pages        |
| Cottle-Neivert Alar Hook                   |  | 153          |
| Cottle-Walsham Septum Straightening Forcep |  | 157          |
| Craig Septum Forcep                        |  | 106          |
| Craig-Dominick Ethmoid Forcep              |  | 107          |
| D                                          |  | Pages        |
| Daniel Periosteal Elevator                 |  | 127          |
| Dautrey-Munro Osteotome                    |  | 33-34        |
| Davis-Boyle Mouth Gag                      |  | 6            |
| Day Ear Hook                               |  | 87           |
| Deerlacki Ossicle Holding Clamp            |  | 158          |
| Denhart Mouth Gag                          |  | 2            |
| Denis-Browne Tonsil Holding Forcep         |  | 172          |
| Dingmann Bone Hook                         |  | 32           |
| Dingmann Mouth Gag                         |  | 7            |
| Dingmann Otoprader                         |  | 76           |
| Dingmann Tongue Depressor                  |  | 7            |
| Dingmann Zygoma Elevator                   |  | 31           |
| Dolwick-Type TMJ Condylar Retractor        |  | 35           |
| Dolwick-Type TMJ Disc Clamp                |  | 35           |
| Dolwick-Type TMJ Elevator                  |  | 35           |
| Draffin Bipod                              |  | 9            |
| Duckbill Alligator Forcep                  |  | 58           |
| Dunn-Dautrey Elevator                      |  | 34           |
| E                                          |  | Pages        |
| Ear Syringe                                |  | 92           |
| Eicken-Killian Irrigation Cannula          |  | 165          |
| Epker-Bauer Osteotome                      |  | 33           |
| Eves Tonsil Snare                          |  | 173          |
| F                                          |  | Pages        |
| Farrior Ear Speculum                       |  | 42           |
| Faulkner Antrum Curette                    |  | 159          |
| Fergusson-Ackland Mouth Gag                |  | 3            |
| Fisch Footplate Perafortor                 |  | 66           |
| Fisch Measuring Rod                        |  | 75           |
| Fisch Micro Dissector                      |  | 73           |
| Fisch Tenatome                             |  | 64           |
| Fischer Tonsil Knife / Dissector           |  | 166          |
| Fishbone Laryngeal Grasping Forcep         |  | 176          |
| Fomon Alar Hook                            |  | 153          |
| Fomon Chisel                               |  | 138          |
| Fomon Nasal Rasp                           |  | 148, 152     |
| Fomon Rhinoplasty Knife                    |  | 123          |
| Fraenkel Broncho-Esophagoscopy Forcep Tip  |  | 178          |
| Freer Mucosa Knife                         |  | 124          |
| Freer Septum Chisel                        |  | 132          |
| Freer Septum Elevator                      |  | 127-128      |
| Freer Septum Knife                         |  | 125          |
| Freer-Yasargil Septum Elevator             |  | 128          |
| Fuller Introducing Forcep                  |  | 62           |
| G                                          |  | Pages        |
| Gallaher Antrum Rasp                       |  | 148          |
| Gillies Zygoma Elevator                    |  | 31           |
| Gross Ear Scoop / Hook                     |  | 84           |
| Gruenwald (Jansen) Nasal Tampon Forcep     |  | 102          |
| Gruenwald (Lucae) Ear Forcep               |  | 52-53        |



## Alphabetical Index

| <b>G</b>                          | Pages |
|-----------------------------------|-------|
| Guilford-Wright Duckbill Elevator | 73    |
| Gwynne-Evans Tonsil Elevator,     | 168   |

| <b>H</b>                                   | Pages     |
|--------------------------------------------|-----------|
| Hajek Sphenoid Punch                       | 121       |
| Hajek-Claus Antrum Punch                   | 122       |
| Hajek-Kofler Sphenoid Punch                | 121       |
| Halle Antrum Curette                       | 137       |
| Halle Septum Elevator                      | 126       |
| Hargis Anterior Border Stripper            | 22        |
| Hargis Bone Holding Forcep                 | 23        |
| Hargis Medial Ramus Retractor              | 21-22     |
| Hargis Periform Rim Retractor              | 23        |
| Hargis Periosteal Elevator                 | 22        |
| Hargis Pterygoid Osteotome                 | 23        |
| Hartmann Alligator Forcep                  | 56-57, 59 |
| Hartmann Ear Catheter                      | 49        |
| Hartmann Ear Hook,                         | 86        |
| Hartmann Ear Polypus Forcep                | 54        |
| Hartmann Ear Speculum                      | 39-41     |
| Hartmann Nasal Cutting Forcep (Conchotome) | 114       |
| Hartmann Nasal Polypus Forcep              | 104-105   |
| Hartmann Tongue Depressor                  | 11        |
| Hartmann Tonsil Punch                      | 175       |
| Hartmann Tuning Fork                       | 44-45, 47 |
| Hartmann-Halle Nasal Speculum              | 95        |
| Hartmann-Hoffmar Alligator Punch Forcep    | 58        |
| Hartmann-Weingartner Alligator Forcep      | 58        |
| Hartmann-Wullstein Alligator Forcep        | 55        |
| Haslinger Tonsil Retractor                 | 169       |
| Heister Mouth Gag                          | 1         |
| Henahan Retractor                          | 14        |
| Henke Tonsil Elevator                      | 167       |
| Heuwieser Antrum Grasping Forcep           | 108       |
| Heymann Septum Forcep                      | 106       |
| Heymann-Knight Nasal Polypus Forcep        | 104       |
| Hildmann Cartilage Forcep                  | 159       |
| Hofer Tonsil Retractor                     | 169       |
| House Micro Ear Curette                    | 76-77     |
| House Micro Measuring Rod                  | 74        |
| House-Dieter Malleus Nipper                | 62        |
| Howarth Periosteal Elevator                | 131       |
| Huber Universal Handle                     | 176       |
| Hughes Elevator                            | 73        |
| Hurd Tonsil Dissector / Retractor          | 167       |

| <b>I</b>              | Pages |
|-----------------------|-------|
| Iterson Tracheal Hook | 192   |

| <b>J</b>                               | Pages   |
|----------------------------------------|---------|
| Jansen (Gruenwald) Nasal Tampon Forcep | 102     |
| Jansen Ear Forcep, 53Jansen Ear Scoop  | 84      |
| Jansen-Middelton Septum Forcep         | 120     |
| Jennings Mouth Gag                     | 4       |
| Joseph Bone File                       | 147     |
| Joseph Nasal Saw                       | 143-144 |
| Joseph Rhinoplasty Knife               | 123-124 |
| Joseph Septum Elevator                 | 126     |
| Jurasz Adenoid Cutting Forcep          | 176     |

| <b>K</b>                                | Pages |
|-----------------------------------------|-------|
| Kerrison Sphenoid Punch                 | 122   |
| Killian Nasal Polypus Forcep            | 105   |
| Killian Nasal Speculum                  | 96-97 |
| Killian Septum Elevator                 | 129   |
| Killian-Claus Septum Gouge              | 133   |
| Kilner-Doughty Mouth Gag                | 5     |
| Kilner-Doughty Tongue Depressor         | 5     |
| Knight Septum Forcep                    | 106   |
| Koenig Tongue Depressor                 | 12    |
| Koenig Tuning Fork                      | 48    |
| Krause Broncho-Esophagoscopy Forcep Tip | 179   |
| Krause Ear Polypus Snare                | 49    |
| Krause Nasal Polypus Snare              | 101   |
| Krause-Voss Ear Polypus Snare           | 49    |
| Krause-Voss Nasal Polypus Snare         | 101   |
| Kressner Septum Forcep                  | 156   |
| Kuhn Frontal Sinus Seeker               | 88    |
| Kuhn-Bolger Frontal Sinus Curette       | 160   |

| <b>L</b>                               | Pages   |
|----------------------------------------|---------|
| LaForce Adenotome                      | 163-164 |
| Lange Alar Hook                        | 153     |
| Lange Broncho-Esophagoscopy Forcep Tip | 179     |
| Lange-Wilde Ear Polypus Snare          | 50      |
| Lange-Wilde Nasal Polypus Snare        | 101     |
| Langenbeck Ear Curette                 | 81      |
| Langenbeck Finger Protector            | 1       |
| Laryngeal Mirror                       | 188     |
| Laryngeal Mirror Handle                | 189     |
| Lempert Ear Scoop                      | 84-85   |
| Lempert Periosteal Elevator            | 91      |
| Levasseur-Merrill Intra Oral Retractor | 15      |
| Lewis Nasal Rasp                       | 150     |
| Littauer Ear Polypus Forcep            | 54      |
| Littauer Nasal Polypus Forcep          | 105     |
| Lopez-Reinke Tonsil Dissector          | 168     |
| Love Tonsil Retractor                  | 168     |
| Lower Lateral Morselizer               | 120     |
| Lubet-Barbon Nasal Polypus Forcep      | 104     |
| Luc Ethmoid Forcep                     | 107     |
| Lucae (Gruenwald) Ear Forcep           | 52-53   |
| Lucae Ear Hook, 86Lucae Tuning Fork    | 46-47   |
| Lucae Tympanum Needle                  | 90      |
| Luniatschek Gauze Packer               | 170     |

| <b>M</b>                               | Pages        |
|----------------------------------------|--------------|
| Maguaran Bipod Plate                   | 9            |
| Maltz Nasal Rasp                       | 146-147, 151 |
| Martin Nasal Speculum                  | 95-96        |
| Martin-Simplex Lip and Cheek Retractor | 10           |
| Masing Septum Elevator                 | 131          |
| Maunder Mouth Gag                      | 1            |
| Maxillary Ostium Sinus Seeker          | 87           |
| Mayo Tongue Depressor                  | 12           |
| McGee Micro Alligator Forcep           | 59           |
| McGee Micro Ear Needle                 | 69-70        |
| McGee Wire Bending Forcep              | 62           |
| McIvor Mouth Gag                       | 7            |
| McKenty Septum Elevator                | 126, 128     |
| McKesson Mouth Prop                    | 9            |
| Michel Laryngeal Mirror                | 189          |
| Micro Alligator Forcep                 | 60           |
| Micro Ear Needle                       | 68-69, 71    |
| Micro Ear Pick                         | 71-72        |
| Micro Laryngeal Forcep                 | 182          |

## Alphabetical Index

| M                                                 |          | Pages |
|---------------------------------------------------|----------|-------|
| Micro Laryngeal Scissor                           |          | 181   |
| Micro Laryngeal Scissors                          |          | 187   |
| Micro Measuring Rod                               |          | 75    |
| Miller Bone File                                  |          | 146   |
| Miller-Colburn Bone File                          |          | 145   |
| Mini-McGee Micro Alligator Forcep                 |          | 59    |
| Minnesota Cheek Retractor                         |          | 10    |
| Mod. Vienna Nasal Speculum                        |          | 94    |
| Moldenhauer Foreign Body Lever                    |          | 90    |
| Mollison Tonsil Dissector / Retractor             |          | 167   |
| Molt Mouth Gag                                    |          | 2     |
| Museux Tonsil Grasping Forcep                     |          | 172   |
| N                                                 |          | Pages |
| Nager Tonsil Retractor                            |          | 169   |
| Negus Chest Support For Mouth Gag                 |          | 4     |
| Negus Knot Pusher                                 |          | 170   |
| Negus Tongue Depressor                            |          | 8     |
| Neivert Nasal Retractor                           |          | 156   |
| Neivert-Anderson Osteotome                        |          | 140   |
| Neuro Tuning Fork                                 |          | 48    |
| O                                                 |          | Pages |
| Obwegeser Channel Retractor                       |          | 21    |
| Obwegeser Chin Retractor                          |          | 20    |
| Obwegeser J-Stripper                              |          | 25    |
| Obwegeser Lip and Cheek Retractor                 |          | 10    |
| Obwegeser Maxillary Awl                           |          | 28    |
| Obwegeser Mouth Gag                               |          | 1     |
| Obwegeser Osteotome                               |          | 39    |
| Obwegeser Periosteal Elevator                     |          | 24    |
| Obwegeser Ramus Retractor                         |          | 18    |
| Obwegeser Ramus Retractor (Nasal Spine Retractor) |          | 19    |
| Obwegeser Ramus Stripper                          |          | 25    |
| Obwegeser Septonasal Osteotome                    |          | 36    |
| Obwegeser Soft Tissue Retractor                   |          | 16-17 |
| Obwegeser Split Osteotome                         |          | 37    |
| Obwegeser Wedge Osteotome                         |          | 37    |
| Obwegeser Wire Loop Forcep                        |          | 29    |
| Obwegeser Zygomatic Arch Awl                      |          | 28    |
| Ogura Skin Grasping Forcep                        |          | 158   |
| P                                                 |          | Pages |
| Parkes Nasal Rasp                                 |          | 148   |
| Parkes Osteotome                                  |          | 142   |
| Pennington Septum Elevator                        |          | 130   |
| Petri Intra Oral Retractor                        |          | 15    |
| Pierce Septum Elevator                            |          | 129   |
| Plester Sickle Knife                              |          | 64    |
| Plester Wire Guide and Aplicator                  |          | 66    |
| Politzer Furuncle Knife                           |          | 89    |
| Politzer Tympanum Needle                          |          | 89    |
| Q                                                 |          | Pages |
| Quire Foreign Body Forcep                         |          | 55    |
| R                                                 |          | Pages |
| Richnau-Holmgren Ear Speculum                     |          | 43    |
| Ritter-Halle Frontal Sinus Dilator                |          | 165   |
| Roeder Tonsil Retractor                           |          | 169   |
| Roger Periosteal Elevator                         |          | 130   |
| Rosen Circular Cut Knife                          |          | 65    |
| Rosen Micro Curette                               |          | 74    |
| Rosen Micro Dissector                             |          | 74    |
| Rosen Micro Ear Periosteal Elevator               |          | 73    |
| Rosenberg Broncho-Esophagoscopy Forcep Tip        |          | 180   |
| Roser-Koenig Mouth Gag                            |          | 3     |
| Rowe Disimpaction Forcep                          |          | 30    |
| Rowe Zygoma Elevator                              |          | 31    |
| Rubin Nasal Osteotome                             |          | 136   |
| Rubin Septum Forcep                               |          | 120   |
| Russel-Davis Tongue Depressor                     |          | 8     |
| Rydel-Seiffer Tuning Fork                         |          | 47    |
| S                                                 |          | Pages |
| Scheinmann Broncho-Esophagoscopy Forcep Tip,      |          | 178   |
| Schmeden Nasal Cutting Forcep,                    |          | 114   |
| Schmeden Tonsil Punch,                            |          | 175   |
| Schmidt Tonsil Forcep,                            |          | 171   |
| Schuknecht Rotary Knife,                          |          | 63    |
| Schumacher Broncho-Esophagoscopy Forcep Tip,      |          | 180   |
| Seiffert Broncho-Esophagoscopy Forcep Tip,        |          | 178   |
| Sexton Myringotomy Knife,                         |          | 64    |
| Sexton Tympanum Knife,                            |          | 65    |
| Shambaugh Micro Ear Needle,                       |          | 72    |
| Shapleigh Ear Curette,                            |          | 81    |
| Shea Exploring Hook,                              |          | 72    |
| Shea Micro Ear Curette,                           |          | 77    |
| Shea Micro Scissor,                               |          | 62    |
| Sheehan Nasal Osteotome,                          |          | 141   |
| Siegle Otoscope,                                  |          | 43    |
| Sigmoid Notch Extra Oral Retractor,               |          | 14    |
| Silver Nasal Chisel,                              |          | 142   |
| Simplex (Martin) Lip and Cheek Retractor,         |          | 10    |
| Sluder-Ballenger Tonsillectome,                   |          | 174   |
| Smith Ramus Separator,                            |          | 29    |
| Smith Sagittal Split Separator,                   |          | 30    |
| Snare Wire,                                       | 50, 101, | 173   |
| St. Clair Thompson Adenoid Curette,               |          | 162   |
| Stammler Nasal Cutting Forcep,                    |          | 112   |
| Standard Tongue Depressor,                        |          | 12    |
| Steinhauser Reposition Instrument,                |          | 26    |
| Steinhauser Zygomatic Retractor,                  |          | 20    |
| Storage Rack for Speculum,                        |          | 43    |
| Struempel Alligator Forcep,                       |          | 58    |
| Struycken Nasal Cutting Forcep,                   |          | 111   |
| T                                                 |          | Pages |
| Tabb Mucosa Knife                                 |          | 63    |
| Takahashi Ethmoid Forcep                          |          | 109   |
| Tatum Sinus Lift Curette                          |          | 27    |
| Terry Ramus Pusher                                |          | 26    |
| Thudichum Nasal Speculum                          |          | 93-94 |
| Tieck-Halle Nasal Specula                         |          | 96    |
| Tilley Ear Polypus Forcep                         |          | 54    |
| Tilley-Henckel Nasal Cutting Forcep               |          | 111   |
| Tobold Tongue Depressor                           |          | 11    |
| Traquair Periosteal Elevator                      |          | 130   |
| Troeltsch (Wilde) Ear Forcep                      |          | 51-52 |
| Troeltsch Nasal Tampon Forcep                     |          | 102   |
| Tuning Fork                                       |          | 44-48 |
| Turvey Palatal Expander                           |          | 36    |

## Alphabetical Index

### T Pages

|                     |     |
|---------------------|-----|
| Tyding Tonsil Snare | 174 |
|---------------------|-----|

### W Pages

|                                      |       |
|--------------------------------------|-------|
| Walter Nasal Chisel,                 | 137   |
| Walter Nasal Osteotome,              | 137   |
| Watson-Williams Ethmoid Forcep,      | 109   |
| Weber-Loch Ear Loop,                 | 85    |
| Webster Glabella Nasal Rasp,         | 149   |
| Weil Ethmoid Forcep,                 | 109   |
| Weil-Blakesley Nasal Cutting Forcep, | 110   |
| West Septum Chisel,                  | 132   |
| Westmacott Nasal Polypus Forcep,     | 104   |
| White Tonsil Grasping Forcep,        | 170   |
| Whitehead Mouth Gag,                 | 4     |
| Wieder Tongue Depressor,             | 12    |
| Wiener Nasal Rasp,                   | 150   |
| Wilde (Troeltsch) Ear Forcep,        | 51-52 |
| Wilson Tonsil Artery Forcep,         | 171   |
| Wullstein Micro Scissor,             | 61    |
| Wullstein Sickle Knife,              | 63    |

### Y Pages

|                             |    |
|-----------------------------|----|
| Young Tongue Holding Forcep | 13 |
|-----------------------------|----|

### Z Pages

|                                 |     |
|---------------------------------|-----|
| Zaufal Foreign Body Lever       | 90  |
| Zoellner Application Instrument | 81  |
| Zoellner Ear Knife              | 79  |
| Zoellner Ear Speculum           | 41  |
| Zoellner Micro Ear Needle       | 78  |
| Zoellner Raspatory              | 80  |
| Zoellner Tympanum Needle        | 80  |
| Zurich Nasal Scissor            | 106 |

## Numerical Index

| Cat. No.   | Page | Cat. No.   | Page | Cat. No.   | Page | Cat. No.    | Page  |
|------------|------|------------|------|------------|------|-------------|-------|
| OM-011-01, | 2    | OM-151-14, | 13   | OM-463-07, | 28   | OT-022-01,  | 43    |
| OM-015-01, | 2    | OM-153-15, | 13   | OM-465-08, | 28   | OT-022-02,  | 43    |
| OM-015-02, | 2    | OM-155-17, | 13   | OM-465-09, | 28   | OT-022-03,  | 43    |
| OM-015-03, | 2    | OM-159-19, | 13   | OM-465-10, | 28   | OT-022-04,  | 43    |
| OM-018-10, | 2    | OM-170-17, | 14   | OM-501-15, | 29   | OT-030-01,  | 43    |
| OM-030-13, | 2    | OM-173-17, | 14   | OM-501-17, | 29   | OT-030-02,  | 43    |
| OM-032-11, | 2    | OM-201-01, | 15   | OM-503-24, | 29   | OT-030-03,  | 44    |
| OM-035-11, | 3    | OM-201-02, | 15   | OM-507-18, | 29   | OT-032-00,  | 43-44 |
| OM-035-14, | 3    | OM-201-03, | 15   | OM-540-15, | 30   | OT-032-01,  | 44    |
| OM-039-12, | 3    | OM-251-24, | 15   | OM-550-20, | 30   | OT-032-02,  | 43-44 |
| OM-041-16, | 4    | OM-255-24, | 16   | OM-554-01, | 31   | OT-032-03,  | 44    |
| OM-041-20, | 4    | OM-259-21, | 16   | OM-554-02, | 31   | OT-032-04,  | 43-44 |
| OM-043-18, | 4    | OM-261-21, | 16   | OM-570-01, | 31   | OT-040-01,  | 44    |
| OM-043-20, | 4    | OM-265-25, | 16   | OM-570-02, | 31   | OT-042-01,  | 44    |
| OM-047-09, | 5    | OM-271-16, | 17   | OM-601-21, | 32   | OT-042-02,  | 44    |
| OM-047-11, | 5    | OM-271-25, | 17   | OM-602-21, | 32   | OT-042-03,  | 44    |
| OM-047-13, | 5    | OM-271-35, | 17   | OM-605-21, | 32   | OT-042-04,  | 44    |
| OM-047-15, | 5    | OM-271-42, | 17   | OM-607-19, | 32   | OT-042-05,  | 44    |
| OM-049-11, | 5    | OM-271-55, | 17   | OM-613-10, | 33   | OT-042-06,  | 44    |
| OM-049-13, | 5    | OM-271-70, | 17   | OM-615-20, | 33   | OT-050-01,  | 45    |
| OM-049-15, | 5    | OM-271-80, | 17   | OM-620-06, | 33   | OT-052-01,  | 45    |
| OM-051-13, | 5    | OM-273-16, | 17   | OM-620-08, | 33   | OT-052-02,  | 45    |
| OM-058-00, | 5    | OM-273-25, | 17   | OM-621-06, | 33   | OT-052-03,  | 45    |
| OM-060-00, | 6    | OM-273-35, | 17   | OM-621-08, | 33   | OT-052-04,  | 45    |
| OM-061-00, | 6    | OM-273-42, | 17   | OM-623-08, | 34   | OT-052-05,  | 45    |
| OM-063-01, | 6    | OM-273-55, | 17   | OM-626-04, | 34   | OT-052-06,  | 45    |
| OM-063-02, | 6    | OM-273-70, | 17   | OM-626-06, | 34   | OT-052-07,  | 45    |
| OM-063-03, | 6    | OM-273-80, | 17   | OM-626-08, | 34   | OT-054-00,  | 45    |
| OM-070-00, | 7    | OM-275-43, | 18   | OM-626-10, | 34   | OT-054-01,  | 45    |
| OM-071-00, | 7    | OM-275-57, | 18   | OM-626-12, | 34   | OT-054-02,  | 45    |
| OM-071-01, | 7    | OM-275-83, | 18   | OM-626-14, | 34   | OT-054-03,  | 45    |
| OM-073-01, | 7    | OM-279-30, | 18   | OM-626-16, | 34   | OT-054-04,  | 45    |
| OM-073-02, | 7    | OM-279-45, | 18   | OM-628-04, | 35   | OT-054-05,  | 45    |
| OM-073-03, | 7    | OM-279-60, | 18   | OM-628-06, | 35   | OT-054-06,  | 45    |
| OM-073-04, | 7    | OM-281-22, | 19   | OM-628-08, | 35   | OT-054-07,  | 45    |
| OM-073-05, | 7    | OM-283-22, | 19   | OM-629-06, | 35   | OT-054-08,  | 4     |
| OM-080-00, | 8    | OM-287-22, | 20   | OM-631-06, | 35   | 50T-060-12, | 46    |
| OM-081-00, | 8    | OM-289-22, | 20   | OM-633-48, | 35   | OT-064-02,  | 46    |
| OM-083-01, | 8    | OM-291-01, | 21   | OM-633-56, | 35   | OT-064-04,  | 46    |
| OM-083-02, | 8    | OM-291-02, | 21   | OM-637-12, | 36   | OT-064-06,  | 46    |
| OM-083-03, | 8    | OM-301-16, | 21   | OM-639-14, | 36   | OT-070-00,  | 46    |
| OM-090-00, | 8    | OM-305-08, | 22   | OM-641-17, | 36   | OT-072-01,  | 46    |
| OM-091-00, | 8    | OM-315-01, | 22   | OM-700-17, | 37   | OT-072-02,  | 46    |
| OM-093-01, | 8    | OM-315-02, | 22   | OM-730-19, | 37   | OT-072-03,  | 46    |
| OM-093-02, | 8    | OM-319-18, | 23   | OM-735-04, | 37   | OT-100-10,  | 47    |
| OM-093-03, | 8    | OM-331-19, | 23   | OM-735-06, | 37   | OT-100-20,  | 47    |
| OM-097-01, | 9    | OM-333-06, | 23   | OM-735-08, | 37   | OT-100-30,  | 47    |
| OM-097-02, | 9    | OM-333-09, | 23   | OM-740-08, | 38   | OT-102-01,  | 47    |
| OM-097-03, | 9    | OM-335-06, | 23   | OM-740-12, | 38   | OT-102-02,  | 47    |
| OM-099-01, | 9    | OM-335-09, | 23   | OM-740-16, | 38   | OT-102-03,  | 47    |
| OM-099-02, | 9    | OM-337-18, | 24   | OM-742-08, | 38   | OT-102-04,  | 47    |
| OM-099-03, | 9    | OM-339-22, | 24   | OM-742-12, | 38   | OT-102-05,  | 47    |
| OM-099-04, | 9    | OM-341-19, | 24   | OM-742-16, | 38   | OT-102-06,  | 47    |
| OM-099-05, | 9    | OM-361-04, | 25   | OM-742-20, | 38   | OT-102-60,  | 47    |
| OM-099-06, | 9    | OM-361-06, | 25   | OM-750-03, | 39   | OT-104-01,  | 48    |
| OM-099-07, | 9    | OM-361-07, | 25   | OM-750-04, | 39   | OT-104-02,  | 48    |
| OM-099-08, | 9    | OM-361-09, | 25   | OM-750-06, | 39   | OT-104-03,  | 48    |
| OM-100-00, | 10   | OM-361-11, | 25   | OT-010-01, | 42   | OT-104-04,  | 47-48 |
| OM-100-01, | 10   | OM-381-21, | 25   | OT-010-02, | 42   | OT-104-05,  | 47-48 |
| OM-100-48, | 10   | OM-383-21, | 25   | OT-010-03, | 42   | OT-110-00,  | 48    |
| OM-110-01, | 10   | OM-401-05, | 26   | OT-010-04, | 42   | OT-112-02,  | 48-49 |
| OM-110-02, | 10   | OM-401-07, | 26   | OT-012-00, | 42   | OT-112-03,  | 49    |
| OM-110-03, | 10   | OM-401-09, | 26   | OT-012-01, | 42   | OT-112-04,  | 49    |
| OM-121-11, | 11   | OM-405-01, | 26   | OT-012-02, | 42   | OT-112-05,  | 49    |
| OM-123-12, | 11   | OM-405-02, | 26   | OT-012-03, | 42   | OT-112-06,  | 48-49 |
| OM-127-13, | 11   | OM-415-24, | 27   | OT-012-04, | 42   | OT-122-01,  | 49    |
| OM-131-15, | 11   | OM-421-18, | 27   | OT-014-00, | 43   | OT-122-02,  | 49    |
| OM-135-14, | 11   | OM-451-01, | 28   | OT-014-01, | 43   | OT-122-03,  | 49    |
| OM-141-15, | 11   | OM-453-02, | 28   | OT-014-02, | 43   | OT-122-04,  | 49    |
| OM-143-15, | 12   | OM-455-03, | 28   | OT-014-03, | 43   | OT-122-05,  | 49    |
| OM-145-14, | 12   | OM-457-04, | 28   | OT-014-04, | 43   | OT-122-06,  | 49    |
| OM-147-01, | 13   | OM-459-05, | 28   | OT-020-01, | 43   | OT-126-00,  | 50    |
| OM-147-02, | 13   | OM-461-06, | 28   | OT-020-02, | 43   | OT-128-00,  | 50    |

## Numerical Index

| Cat. No.   | Page | Cat. No.   | Page | Cat. No.   | Page  | Cat. No.   | Page |
|------------|------|------------|------|------------|-------|------------|------|
| OT-130-00, | 50   | OT-345-08, | 64   | OT-481-06, | 73    | OT-570-01, | 85   |
| OT-134-00, | 50   | OT-347-08, | 64   | OT-481-10, | 73    | OT-570-02, | 85   |
| OT-136-00, | 51   | OT-351-08, | 65   | OT-483-03, | 73    | OT-570-10, | 85   |
| OT-138-00, | 51   | OT-355-08, | 65   | OT-483-06, | 73    | OT-570-11, | 85   |
| OT-140-00, | 51   | OT-357-08, | 65   | OT-483-10, | 73    | OT-570-12, | 85   |
| OT-150-01, | 52   | OT-361-01, | 65   | OT-485-03, | 74    | OT-570-13, | 85   |
| OT-150-02, | 52   | OT-361-02, | 65   | OT-485-06, | 74    | OT-570-14, | 85   |
| OT-150-03, | 52   | OT-365-01, | 65   | OT-485-10, | 74    | OT-571-01, | 85   |
| OT-161-18, | 52   | OT-365-02, | 65   | OT-487-03, | 74    | OT-571-02, | 85   |
| OT-163-18, | 52   | OT-365-03, | 65   | OT-487-06, | 74    | OT-571-10, | 85   |
| OT-165-16, | 53   | OT-365-04, | 65   | OT-487-10, | 74    | OT-571-11, | 85   |
| OT-170-30, | 53   | OT-367-08, | 65   | OT-491-03, | 74    | OT-571-12, | 85   |
| OT-170-40, | 53   | OT-401-01, | 66   | OT-491-06, | 74    | OT-571-13, | 85   |
| OT-201-11, | 54   | OT-401-02, | 66   | OT-491-10, | 75    | OT-571-14, | 85   |
| OT-201-13, | 54   | OT-403-15, | 66   | OT-493-03, | 75    | OT-572-01, | 86   |
| OT-203-11, | 54   | OT-405-15, | 66   | OT-493-06, | 75    | OT-572-02, | 86   |
| OT-205-11, | 55   | OT-407-15, | 66   | OT-493-10, | 75    | OT-572-10, | 86   |
| OT-207-18, | 55   | OT-409-15, | 67   | OT-497-20, | 75    | OT-572-11, | 86   |
| OT-211-14, | 55   | OT-413-16, | 67   | OT-501-30, | 76    | OT-572-12, | 86   |
| OT-213-16, | 56   | OT-415-15, | 67   | OT-502-15, | 76    | OT-572-13, | 86   |
| OT-213-21, | 56   | OT-417-15, | 67   | OT-503-01, | 76    | OT-572-14, | 86   |
| OT-215-14, | 56   | OT-419-16, | 68   | OT-503-02, | 76    | OT-573-01, | 86   |
| OT-221-10, | 57   | OT-420-03, | 68   | OT-505-01, | 76    | OT-573-02, | 86   |
| OT-223-12, | 57   | OT-421-01, | 68   | OT-505-02, | 76    | OT-573-10, | 86   |
| OT-225-14, | 57   | OT-421-02, | 68   | OT-505-03, | 76    | OT-573-11, | 86   |
| OT-229-14, | 57   | OT-421-03, | 68   | OT-505-04, | 76    | OT-573-12, | 86   |
| OT-229-16, | 57   | OT-421-04, | 68   | OT-507-02, | 76    | OT-573-13, | 86   |
| OT-235-11, | 58   | OT-421-05, | 68   | OT-507-03, | 76    | OT-573-14, | 86   |
| OT-237-10, | 58   | OT-421-06, | 68   | OT-509-01, | 76    | OT-576-15, | 87   |
| OT-251-08, | 58   | OT-421-07, | 68   | OT-509-02, | 76    | OT-580-18, | 87   |
| OT-253-08, | 58   | OT-422-03, | 69   | OT-509-03, | 76    | OT-583-13, | 87   |
| OT-255-08, | 59   | OT-422-04, | 69   | OT-509-04, | 77    | OT-600-10, | 87   |
| OT-255-14, | 59   | OT-422-05, | 69   | OT-509-05, | 77    | OT-600-20, | 87   |
| OT-255-16, | 59   | OT-422-06, | 69   | OT-509-06, | 77    | OT-600-30, | 87   |
| OT-257-08, | 59   | OT-422-07, | 69   | OT-511-01, | 77    | OT-600-40, | 87   |
| OT-257-14, | 59   | OT-422-08, | 69   | OT-511-02, | 77    | OT-600-50, | 87   |
| OT-261-20, | 60   | OT-440-16, | 69   | OT-511-03, | 77    | OT-610-10, | 88   |
| OT-261-25, | 60   | OT-450-16, | 70   | OT-511-04, | 77    | OT-610-20, | 88   |
| OT-261-30, | 60   | OT-451-16, | 70   | OT-512-16, | 78    | OT-610-30, | 88   |
| OT-262-25, | 60   | OT-453-16, | 70   | OT-513-16, | 78    | OT-610-40, | 88   |
| OT-263-20, | 60   | OT-455-16, | 70   | OT-515-01, | 78    | OT-610-50, | 88   |
| OT-263-30, | 60   | OT-459-03, | 70   | OT-515-02, | 78    | OT-650-01, | 88   |
| OT-265-08, | 61   | OT-459-06, | 70   | OT-515-04, | 78    | OT-660-01, | 88   |
| OT-267-08, | 61   | OT-459-10, | 70   | OT-517-01, | 79    | OT-660-02, | 88   |
| OT-269-08, | 61   | OT-461-03, | 70   | OT-517-02, | 79    | OT-660-03, | 88   |
| OT-271-08, | 61   | OT-461-06, | 70   | OT-520-01, | 79    | OT-671-16, | 89   |
| OT-273-08, | 62   | OT-461-10, | 70   | OT-520-02, | 79    | OT-673-01, | 89   |
| OT-281-08, | 62   | OT-461-12, | 70   | OT-520-03, | 79    | OT-673-02, | 89   |
| OT-283-08, | 62   | OT-461-15, | 70   | OT-520-04, | 79    | OT-673-03, | 89   |
| OT-285-08, | 62   | OT-461-20, | 70   | OT-521-01, | 80    | OT-675-01, | 89   |
| OT-287-08, | 62   | OT-461-25, | 70   | OT-521-02, | 80    | OT-675-02, | 89   |
| OT-289-08, | 62   | OT-463-03, | 71   | OT-521-03, | 80    | OT-675-03, | 89   |
| OT-291-08, | 62   | OT-463-06, | 71   | OT-525-14, | 80    | OT-675-04, | 89   |
| OT-293-08, | 62   | OT-463-10, | 71   | OT-535-01, | 81    | OT-675-05, | 89   |
| OT-301-08, | 63   | OT-463-12, | 71   | OT-535-02, | 81    | OT-677-01, | 90   |
| OT-303-08, | 63   | OT-463-15, | 71   | OT-535-03, | 81    | OT-677-02, | 90   |
| OT-305-08, | 63   | OT-463-20, | 71   | OT-535-04, | 81    | OT-679-16, | 90   |
| OT-307-08, | 63   | OT-463-25, | 71   | OT-535-05, | 81    | OT-681-19, | 90   |
| OT-309-08, | 63   | OT-465-05, | 71   | OT-535-06, | 81    | OT-683-01, | 91   |
| OT-311-08, | 63   | OT-465-10, | 71   | OT-535-07, | 81    | OT-683-02, | 91   |
| OT-313-08, | 63   | OT-467-03, | 71   | OT-535-08, | 81    | OT-683-03, | 91   |
| OT-315-08, | 63   | OT-467-06, | 71   | OT-535-09, | 81    | OT-683-04, | 91   |
| OT-317-08, | 63   | OT-467-10, | 71   | OT-535-10, | 82    | OT-683-05, | 91   |
| OT-321-08, | 63   | OT-469-03, | 72   | OT-535-11, | 82    | OT-683-06, | 91   |
| OT-323-08, | 63   | OT-469-06, | 72   | OT-535-12, | 82    | OT-701-16, | 92   |
| OT-325-08, | 63   | OT-469-10, | 72   | OT-535-13, | 82    | OT-704-16, | 92   |
| OT-327-08, | 63   | OT-473-05, | 72   | OT-535-14, | 83    | OT-707-16, | 92   |
| OT-331-08, | 64   | OT-473-10, | 72   | OT-535-15, | 83    | OT-709-16, | 92   |
| OT-333-08, | 64   | OT-475-05, | 72   | OT-535-16, | 83    | OT-711-16, | 93   |
| OT-335-08, | 64   | OT-475-10, | 72   | OT-535-17, | 83-84 | OT-713-16, | 93   |
| OT-337-08, | 64   | OT-478-16, | 73   | OT-551-13, | 84    | OT-721-16, | 93   |
| OT-341-08, | 64   | OT-479-16, | 73   | OT-555-01, | 84    | OT-723-16, | 93   |
| OT-343-08, | 64   | OT-481-03, | 73   | OT-555-02, | 84    | OT-727-20, | 94   |

## Numerical Index

| Cat. No.   | Page | Cat. No.   | Page | Cat. No.   | Page | Cat. No.   | Page |
|------------|------|------------|------|------------|------|------------|------|
| OT-729-18, | 94   | RH-131-20, | 110  | RH-257-42, | 120  | RH-451-04, | 131  |
| OT-731-02, | 94   | RH-133-18, | 110  | RH-257-48, | 120  | RH-451-05, | 131  |
| OT-731-03, | 94   | RH-135-16, | 110  | RH-261-00, | 122  | RH-455-16, | 131  |
| OT-731-04, | 94   | RH-140-01, | 111  | RH-261-01, | 122  | RH-461-16, | 131  |
| OT-731-05, | 94   | RH-161-01, | 111  | RH-261-02, | 122  | RH-465-01, | 132  |
| OT-751-02, | 94   | RH-161-02, | 111  | RH-261-03, | 122  | RH-465-02, | 132  |
| OT-751-03, | 94   | RH-161-03, | 111  | RH-261-04, | 122  | RH-465-03, | 132  |
| OT-755-19, | 95   | RH-165-17, | 111  | RH-261-05, | 122  | RH-471-19, | 132  |
| OT-759-14, | 95   | RH-167-16, | 111  | RH-261-11, | 121  | RH-473-19, | 132  |
| OT-800-00, | 95   | RH-169-01, | 112  | RH-261-13, | 121  | RH-475-18, | 132  |
| OT-802-00, | 95   | RH-169-02, | 112  | RH-261-14, | 121  | RH-476-18, | 133  |
| RH-011-10, | 98   | RH-171-01, | 112  | RH-263-00, | 122  | RH-477-20, | 133  |
| RH-011-20, | 98   | RH-171-02, | 112  | RH-263-01, | 122  | RH-479-20, | 133  |
| RH-011-30, | 98   | RH-173-01, | 112  | RH-263-02, | 122  | RH-482-19, | 133  |
| RH-011-40, | 98   | RH-173-02, | 112  | RH-263-04, | 122  | RH-501-23, | 134  |
| RH-012-01, | 98   | RH-175-01, | 113  | RH-263-05, | 122  | RH-503-18, | 134  |
| RH-012-03, | 98   | RH-175-02, | 113  | RH-265-00, | 123  | RH-505-23, | 134  |
| RH-012-04, | 98   | RH-175-03, | 113  | RH-265-01, | 123  | RH-507-21, | 134  |
| RH-012-05, | 98   | RH-175-04, | 113  | RH-265-02, | 123  | RH-509-21, | 135  |
| RH-012-07, | 98   | RH-177-01, | 113  | RH-265-03, | 123  | RH-511-19, | 135  |
| RH-013-01, | 99   | RH-177-02, | 113  | RH-265-04, | 123  | RH-513-15, | 135  |
| RH-013-02, | 99   | RH-177-03, | 113  | RH-265-05, | 123  | RH-541-22, | 135  |
| RH-013-03, | 99   | RH-177-04, | 113  | RH-267-00, | 123  | RH-543-21, | 136  |
| RH-013-04, | 99   | RH-177-05, | 113  | RH-267-01, | 123  | RH-545-21, | 136  |
| RH-013-05, | 99   | RH-177-06, | 113  | RH-267-02, | 123  | RH-547-21, | 136  |
| RH-013-06, | 99   | RH-181-12, | 114  | RH-267-03, | 123  | RH-551-16, | 136  |
| RH-013-07, | 99   | RH-183-12, | 114  | RH-267-04, | 123  | RH-600-16, | 137  |
| RH-017-01, | 99   | RH-191-19, | 114  | RH-267-05, | 123  | RH-601-16, | 137  |
| RH-017-02, | 99   | RH-193-19, | 114  | RH-269-00, | 124  | RH-604-16, | 137  |
| RH-017-03, | 99   | RH-195-19, | 114  | RH-269-01, | 124  | RH-605-16, | 137  |
| RH-021-10, | 99   | RH-201-01, | 115  | RH-269-02, | 124  | RH-608-16, | 137  |
| RH-023-01, | 99   | RH-201-02, | 115  | RH-269-03, | 124  | RH-610-02, | 138  |
| RH-023-02, | 99   | RH-201-03, | 115  | RH-269-04, | 124  | RH-610-04, | 138  |
| RH-023-03, | 99   | RH-201-04, | 115  | RH-269-05, | 124  | RH-610-06, | 138  |
| RH-031-10, | 100  | RH-201-05, | 115  | RH-271-00, | 124  | RH-610-08, | 138  |
| RH-033-01, | 100  | RH-203-01, | 115  | RH-271-01, | 124  | RH-613-16, | 138  |
| RH-033-02, | 100  | RH-203-02, | 115  | RH-271-02, | 124  | RH-615-16, | 138  |
| RH-033-03, | 100  | RH-203-03, | 115  | RH-271-03, | 124  | RH-620-02, | 139  |
| RH-035-13, | 101  | RH-203-04, | 115  | RH-271-04, | 124  | RH-620-04, | 139  |
| RH-037-13, | 101  | RH-205-01, | 115  | RH-271-05, | 124  | RH-620-07, | 139  |
| RH-041-13, | 101  | RH-205-02, | 115  | RH-271-15, | 125  | RH-620-09, | 139  |
| RH-051-10, | 102  | RH-205-03, | 115  | RH-281-19, | 125  | RH-620-12, | 139  |
| RH-053-01, | 102  | RH-205-04, | 115  | RH-283-19, | 125  | RH-620-14, | 139  |
| RH-053-02, | 102  | RH-207-01, | 116  | RH-291-21, | 125  | RH-621-02, | 139  |
| RH-053-03, | 102  | RH-207-02, | 116  | RH-293-21, | 125  | RH-621-04, | 139  |
| RH-053-04, | 102  | RH-207-03, | 116  | RH-301-01, | 126  | RH-621-06, | 139  |
| RH-061-10, | 103  | RH-231-01, | 116  | RH-301-02, | 126  | RH-621-09, | 139  |
| RH-063-01, | 103  | RH-231-02, | 116  | RH-303-01, | 126  | RH-621-12, | 139  |
| RH-063-02, | 103  | RH-233-01, | 116  | RH-303-02, | 126  | RH-626-02, | 140  |
| RH-063-03, | 103  | RH-233-02, | 116  | RH-305-03, | 127  | RH-626-04, | 140  |
| RH-063-04, | 103  | RH-233-03, | 116  | RH-305-04, | 127  | RH-626-07, | 140  |
| RH-065-10, | 104  | RH-233-04, | 116  | RH-305-05, | 127  | RH-626-09, | 140  |
| RH-067-01, | 104  | RH-234-00, | 117  | RH-305-06, | 127  | RH-626-12, | 140  |
| RH-067-02, | 104  | RH-235-01, | 117  | RH-307-20, | 127  | RH-627-06, | 140  |
| RH-067-03, | 104  | RH-235-02, | 117  | RH-309-01, | 127  | RH-630-07, | 141  |
| RH-067-04, | 104  | RH-235-03, | 117  | RH-309-02, | 127  | RH-630-14, | 140  |
| RH-073-45, | 105  | RH-237-35, | 118  | RH-350-15, | 128  | RH-630-16, | 140  |
| RH-073-75, | 105  | RH-237-45, | 118  | RH-351-15, | 128  | RH-630-18, | 140  |
| RH-091-26, | 106  | RH-239-35, | 118  | RH-355-15, | 128  | RH-632-04, | 141  |
| RH-093-26, | 106  | RH-239-45, | 118  | RH-361-16, | 128  | RH-632-06, | 141  |
| RH-095-24, | 106  | RH-241-01, | 119  | RH-365-15, | 129  | RH-632-14, | 141  |
| RH-097-12, | 106  | RH-241-02, | 119  | RH-367-15, | 129  | RH-632-16, | 141  |
| RH-101-15, | 107  | RH-241-03, | 119  | RH-369-15, | 129  | RH-636-10, | 141  |
| RH-103-18, | 107  | RH-241-04, | 119  | RH-371-01, | 129  | RH-636-12, | 141  |
| RH-105-21, | 107  | RH-245-12, | 119  | RH-371-02, | 129  | RH-638-11, | 141  |
| RH-107-16, | 108  | RH-251-25, | 120  | RH-373-01, | 130  | RH-638-13, | 141  |
| RH-109-16, | 108  | RH-251-35, | 120  | RH-373-02, | 130  | RH-638-14, | 141  |
| RH-111-18, | 108  | RH-251-42, | 120  | RH-380-01, | 130  | RH-640-03, | 142  |
| RH-113-20, | 108  | RH-251-48, | 120  | RH-380-02, | 130  | RH-640-04, | 142  |
| RH-121-18, | 109  | RH-253-35, | 120  | RH-380-03, | 130  | RH-642-03, | 142  |
| RH-123-20, | 109  | RH-255-35, | 120  | RH-381-03, | 130  | RH-642-04, | 142  |
| RH-127-16, | 109  | RH-257-25, | 120  | RH-381-04, | 130  | RH-642-07, | 142  |
| RH-129-18, | 109  | RH-257-35, | 120  | RH-381-05, | 130  | RH-642-09, | 142  |

## Numerical Index

| Cat. No.   | Page | Cat. No.   | Page | Cat. No.   | Page | Cat. No.   | Page |
|------------|------|------------|------|------------|------|------------|------|
| RH-642-12, | 142  | RH-729-01, | 154  | RH-853-06, | 166  | TL-201-15, | 181  |
| RH-643-01, | 142  | RH-729-02, | 154  | RH-855-01, | 167  | TL-201-17, | 181  |
| RH-643-02, | 142  | RH-730-21, | 154  | RH-855-02, | 167  | TL-213-01, | 181  |
| RH-643-03, | 142  | RH-732-01, | 155  | RH-855-03, | 167  | TL-213-02, | 181  |
| RH-645-01, | 143  | RH-732-02, | 155  | RH-855-04, | 167  | TL-213-03, | 181  |
| RH-645-02, | 143  | RH-734-01, | 155  | RH-855-05, | 167  | TL-215-01, | 182  |
| RH-645-03, | 143  | RH-734-02, | 155  | RH-857-01, | 167  | TL-215-02, | 182  |
| RH-647-01, | 143  | RH-735-18, | 155  | RH-857-02, | 167  | TL-215-03, | 182  |
| RH-647-02, | 143  | RH-738-19, | 156  | RH-857-03, | 167  | TL-251-01, | 182  |
| RH-647-03, | 143  | RH-739-19, | 156  | RH-857-04, | 167  | TL-301-01, | 182  |
| RH-648-04, | 144  | RH-742-01, | 156  | RH-861-01, | 168  | TL-302-20, | 183  |
| RH-648-05, | 144  | RH-742-02, | 156  | RH-861-02, | 168  | TL-302-30, | 183  |
| RH-648-06, | 144  | RH-742-03, | 156  | RH-861-03, | 168  | TL-302-40, | 183  |
| RH-648-07, | 144  | RH-742-04, | 156  | RH-861-11, | 168  | TL-303-20, | 183  |
| RH-649-01, | 143  | RH-742-05, | 156  | RH-861-12, | 168  | TL-310-01, | 184  |
| RH-649-02, | 143  | RH-742-06, | 156  | RH-861-13, | 168  | TL-314-01, | 184  |
| RH-650-10, | 144  | RH-742-07, | 156  | RH-863-01, | 169  | TL-318-01, | 184  |
| RH-650-12, | 144  | RH-742-08, | 156  | RH-863-02, | 169  | TL-321-01, | 184  |
| RH-650-14, | 144  | RH-742-09, | 156  | RH-863-03, | 169  | TL-323-01, | 184  |
| RH-650-16, | 144  | RH-742-10, | 156  | RH-863-11, | 169  | TL-326-02, | 185  |
| RH-654-07, | 145  | RH-744-21, | 157  | RH-863-12, | 169  | TL-326-03, | 185  |
| RH-655-07, | 145  | RH-746-01, | 157  | RH-863-13, | 169  | TL-328-02, | 185  |
| RH-657-07, | 145  | RH-746-02, | 157  | RH-881-20, | 170  | TL-328-03, | 185  |
| RH-660-02, | 145  | RH-746-03, | 157  | RH-881-25, | 170  | TL-334-01, | 185  |
| RH-660-04, | 145  | RH-746-04, | 157  | RH-881-30, | 170  | TL-338-01, | 185  |
| RH-660-06, | 145  | RH-746-05, | 157  | RH-881-40, | 170  | TL-338-02, | 185  |
| RH-660-07, | 145  | RH-761-22, | 158  | RH-891-25, | 170  | TL-342-01, | 185  |
| RH-660-09, | 145  | RH-763-17, | 158  | RH-891-30, | 170  | TL-347-01, | 186  |
| RH-660-12, | 145  | RH-765-16, | 158  | RH-891-40, | 170  | TL-347-02, | 186  |
| RH-664-01, | 146  | RH-767-20, | 158  | TL-011-21, | 172  | TL-347-03, | 186  |
| RH-664-02, | 146  | RH-771-01, | 159  | TL-015-19, | 172  | TL-347-04, | 186  |
| RH-664-03, | 146  | RH-771-02, | 159  | TL-021-25, | 172  | TL-349-01, | 186  |
| RH-664-04, | 146  | RH-771-03, | 159  | TL-027-24, | 172  | TL-353-01, | 186  |
| RH-664-05, | 146  | RH-775-00, | 159  | TL-031-22, | 173  | TL-353-02, | 186  |
| RH-664-06, | 146  | RH-781-01, | 159  | TL-033-21, | 173  | TL-357-01, | 186  |
| RH-664-07, | 146  | RH-781-02, | 159  | TL-037-23, | 173  | TL-359-01, | 186  |
| RH-664-08, | 146  | RH-781-03, | 159  | TL-039-23, | 173  | TL-361-01, | 187  |
| RH-664-10, | 146  | RH-781-04, | 159  | TL-043-22, | 174  | TL-361-02, | 187  |
| RH-664-12, | 146  | RH-785-19, | 160  | TL-045-23, | 174  | TL-361-03, | 187  |
| RH-666-05, | 147  | RH-789-16, | 161  | TL-051-18, | 174  | TL-361-04, | 187  |
| RH-667-05, | 147  | RH-791-15, | 161  | TL-051-20, | 174  | TL-361-05, | 187  |
| RH-669-05, | 147  | RH-793-14, | 161  | TL-051-22, | 174  | TL-361-06, | 187  |
| RH-672-01, | 147  | RH-801-20, | 161  | TL-055-23, | 175  | TL-363-01, | 187  |
| RH-691-01, | 148  | RH-804-01, | 162  | TL-059-24, | 175  | TL-363-02, | 187  |
| RH-691-02, | 148  | RH-804-02, | 162  | TL-063-17, | 175  | TL-363-03, | 187  |
| RH-692-19, | 149  | RH-804-03, | 162  | TL-065-00, | 175  | TL-363-04, | 187  |
| RH-693-01, | 149  | RH-807-23, | 162  | TL-073-19, | 176  | TL-363-05, | 187  |
| RH-693-02, | 149  | RH-811-15, | 162  | TL-073-20, | 176  | TL-363-06, | 187  |
| RH-698-00, | 149  | RH-814-11, | 163  | TL-080-20, | 176  | TL-365-01, | 187  |
| RH-701-01, | 150  | RH-816-12, | 163  | TL-101-18, | 176  | TL-365-02, | 187  |
| RH-701-02, | 150  | RH-817-14, | 163  | TL-101-23, | 176  | TL-365-03, | 187  |
| RH-701-03, | 150  | RH-820-11, | 163  | TL-105-20, | 177  | TL-365-04, | 187  |
| RH-701-04, | 150  | RH-822-11, | 164  | TL-111-19, | 177  | TL-365-05, | 187  |
| RH-701-05, | 150  | RH-839-21, | 164  | TL-113-19, | 177  | TL-365-06, | 187  |
| RH-703-01, | 150  | RH-841-01, | 164  | TL-115-20, | 177  | TL-367-01, | 188  |
| RH-703-02, | 150  | RH-841-02, | 164  | TL-116-19, | 178  | TL-367-02, | 188  |
| RH-703-03, | 150  | RH-841-03, | 164  | TL-117-19, | 178  | TL-367-03, | 188  |
| RH-703-04, | 150  | RH-841-04, | 164  | TL-119-22, | 178  | TL-367-04, | 188  |
| RH-705-01, | 151  | RH-841-05, | 164  | TL-120-20, | 178  | TL-367-05, | 188  |
| RH-707-01, | 151  | RH-841-06, | 164  | TL-150-28, | 179  | TL-367-06, | 188  |
| RH-710-18, | 151  | RH-849-55, | 165  | TL-152-28, | 179  | TL-367-07, | 188  |
| RH-712-01, | 152  | RH-849-90, | 165  | TL-156-29, | 179  | TL-367-08, | 188  |
| RH-712-02, | 152  | RH-851-01, | 166  | TL-161-40, | 179  | TL-367-09, | 188  |
| RH-714-01, | 152  | RH-851-02, | 166  | TL-161-50, | 179  | TL-367-10, | 188  |
| RH-714-02, | 152  | RH-851-03, | 166  | TL-163-00, | 179  | TL-369-01, | 188  |
| RH-720-01, | 153  | RH-851-04, | 166  | TL-173-00, | 180  | TL-369-02, | 188  |
| RH-720-02, | 153  | RH-851-05, | 166  | TL-181-00, | 180  | TL-369-03, | 188  |
| RH-722-01, | 153  | RH-851-06, | 166  | TL-181-01, | 180  | TL-369-04, | 188  |
| RH-722-02, | 153  | RH-853-01, | 166  | TL-183-01, | 180  | TL-369-05, | 189  |
| RH-724-01, | 153  | RH-853-02, | 166  | TL-183-02, | 180  | TL-369-06, | 189  |
| RH-724-02, | 153  | RH-853-03, | 166  | TL-183-03, | 180  | TL-369-07, | 189  |
| RH-724-03, | 153  | RH-853-04, | 166  | TL-191-14, | 181  | TL-369-08, | 189  |
| RH-726-21, | 154  | RH-853-05, | 166  | TL-201-13, | 181  | TL-369-09, | 189  |

## Numerical Index

| Cat. No.   | Page | Cat. No.   | Page | Cat. No. | Page | Cat. No. | Page |
|------------|------|------------|------|----------|------|----------|------|
| TL-369-10, | 189  | TL-406-26, | 194  |          |      |          |      |
| TL-369-11, | 189  | TL-406-28, | 194  |          |      |          |      |
| TL-369-12, | 189  | TL-406-30, | 194  |          |      |          |      |
| TL-369-13, | 189  | TL-413-12, | 195  |          |      |          |      |
| TL-371-01, | 188  | TL-413-14, | 195  |          |      |          |      |
| TL-371-02, | 188  | TL-413-16, | 195  |          |      |          |      |
| TL-371-03, | 188  | TL-413-18, | 195  |          |      |          |      |
| TL-371-04, | 188  | TL-420-10, | 195  |          |      |          |      |
| TL-371-05, | 189  | TM-101-75, | 198  |          |      |          |      |
| TL-371-06, | 189  | TM-101-90, | 198  |          |      |          |      |
| TL-371-07, | 189  | TM-151-14, | 198  |          |      |          |      |
| TL-371-08, | 189  | TM-155-14, | 199  |          |      |          |      |
| TL-371-09, | 189  | TM-161-07, | 199  |          |      |          |      |
| TL-371-11, | 189  | TM-165-01, | 199  |          |      |          |      |
| TL-371-12, | 189  | TM-165-02, | 199  |          |      |          |      |
| TL-371-13, | 189  | TM-171-16, | 200  |          |      |          |      |
| TL-373-01, | 188  | TM-173-16, | 200  |          |      |          |      |
| TL-373-03, | 188  | TM-181-21, | 200  |          |      |          |      |
| TL-373-04, | 188  | TM-183-13, | 200  |          |      |          |      |
| TL-373-05, | 189  | TM-185-11, | 200  |          |      |          |      |
| TL-373-06, | 189  | TM-189-17, | 201  |          |      |          |      |
| TL-373-07, | 189  | TM-191-17, | 201  |          |      |          |      |
| TL-373-08, | 189  | TM-201-15, | 201  |          |      |          |      |
| TL-373-13, | 189  | TM-203-15, | 201  |          |      |          |      |
| TL-381-30, | 190  | TM-250-15, | 202  |          |      |          |      |
| TL-381-40, | 190  | TM-252-15, | 202  |          |      |          |      |
| TL-381-50, | 190  | TM-252-20, | 202  |          |      |          |      |
| TL-381-60, | 190  | TM-301-04, | 202  |          |      |          |      |
| TL-383-30, | 190  | TM-301-05, | 202  |          |      |          |      |
| TL-383-40, | 190  | TM-301-06, | 202  |          |      |          |      |
| TL-383-50, | 190  | TM-301-07, | 202  |          |      |          |      |
| TL-383-60, | 190  | TM-301-08, | 202  |          |      |          |      |
| TL-385-30, | 191  | TM-301-09, | 202  |          |      |          |      |
| TL-385-40, | 191  | TM-301-10, | 202  |          |      |          |      |
| TL-385-50, | 191  | TM-301-11, | 202  |          |      |          |      |
| TL-385-60, | 191  | TM-301-12, | 202  |          |      |          |      |
| TL-387-30, | 191  | TM-301-13, | 202  |          |      |          |      |
| TL-387-40, | 191  | TM-321-04, | 203  |          |      |          |      |
| TL-387-50, | 191  | TM-321-05, | 203  |          |      |          |      |
| TL-387-60, | 191  | TM-321-06, | 203  |          |      |          |      |
| TL-389-30, | 192  | TM-321-07, | 203  |          |      |          |      |
| TL-389-40, | 192  | TM-321-08, | 203  |          |      |          |      |
| TL-389-50, | 192  | TM-321-09, | 203  |          |      |          |      |
| TL-389-60, | 192  | TM-321-10, | 203  |          |      |          |      |
| TL-391-30, | 192  | TM-321-11, | 203  |          |      |          |      |
| TL-391-40, | 192  | TM-321-12, | 203  |          |      |          |      |
| TL-391-50, | 192  | TM-321-13, | 203  |          |      |          |      |
| TL-391-60, | 192  | TM-351-08, | 203  |          |      |          |      |
| TL-393-30, | 193  | TM-351-09, | 203  |          |      |          |      |
| TL-393-40, | 193  | TM-351-10, | 203  |          |      |          |      |
| TL-393-50, | 193  | TM-351-11, | 203  |          |      |          |      |
| TL-393-60, | 193  | TM-351-12, | 203  |          |      |          |      |
| TL-402-08, | 194  | TM-351-13, | 203  |          |      |          |      |
| TL-402-10, | 194  |            |      |          |      |          |      |
| TL-402-12, | 194  |            |      |          |      |          |      |
| TL-402-14, | 194  |            |      |          |      |          |      |
| TL-402-16, | 194  |            |      |          |      |          |      |
| TL-402-18, | 194  |            |      |          |      |          |      |
| TL-402-20, | 194  |            |      |          |      |          |      |
| TL-402-22, | 194  |            |      |          |      |          |      |
| TL-402-24, | 194  |            |      |          |      |          |      |
| TL-402-26, | 194  |            |      |          |      |          |      |
| TL-402-28, | 194  |            |      |          |      |          |      |
| TL-402-30, | 194  |            |      |          |      |          |      |
| TL-406-08, | 194  |            |      |          |      |          |      |
| TL-406-10, | 194  |            |      |          |      |          |      |
| TL-406-12, | 194  |            |      |          |      |          |      |
| TL-406-14, | 194  |            |      |          |      |          |      |
| TL-406-16, | 194  |            |      |          |      |          |      |
| TL-406-18, | 194  |            |      |          |      |          |      |
| TL-406-20, | 194  |            |      |          |      |          |      |
| TL-406-22, | 194  |            |      |          |      |          |      |
| TL-406-24, | 194  |            |      |          |      |          |      |











SCAN FOR PDF PROFILE

#### COPYRIGHT NOTICE

The copyright, trademarks, domain names and other intellectual property rights in all materials and information in this presentation belongs to Surtex Instruments Ltd. All rights are reserved. Technical alterations are possible. This presentation may be used for no other purpose than offering, buying and selling of Surtex Instruments products. No part may be reproduced or copied in any form. In the event of misuse we retain the right to recall our catalogues and take appropriate legal action.

#### DISCLAIMER

This documents provides general information about Surtex Instruments Ltd, its products and services, and summarises general capabilities and offerings, which we deem to be relevant to our customers. Whilst Surtex Instruments has taken appropriate steps to ensure the accuracy of the information contained in the document Surtex Instruments gives no warranty regarding the accuracy or completeness of such information.

The presentation was prepared to provide information and does not constitute a contract. Surtex reserves the right, without prior notice, to change, delete, supplement, or otherwise amend at any time the information, images and offerings contained in the presentation or other documents. Surtex shall not be liable for any loss or damage of whatever nature (whether direct, indirect, consequential or other) may arise as a result of any third party relying on the information contained in this document.

For further detailed information, prices, terms and conditions, customer should contact Surtex Instruments at [sales@surtex-instruments.co.uk](mailto:sales@surtex-instruments.co.uk).

© 2022 SURTEX INSTRUMENTS. ALL RIGHTS RESERVED. PRINTED IN UNITED KINGDOM. BT1-01 Rev 1.0



Unit 202 Kingspark Business Centre  
152-178 Kingston Road, New Malden  
Surrey KT3 3ST United Kingdom  
Phone: +44 (0) 208 123 3513

E-mail: [sales@surtex-instruments.co.uk](mailto:sales@surtex-instruments.co.uk)  
Website: [www.surtex-instruments.com](http://www.surtex-instruments.com)

