

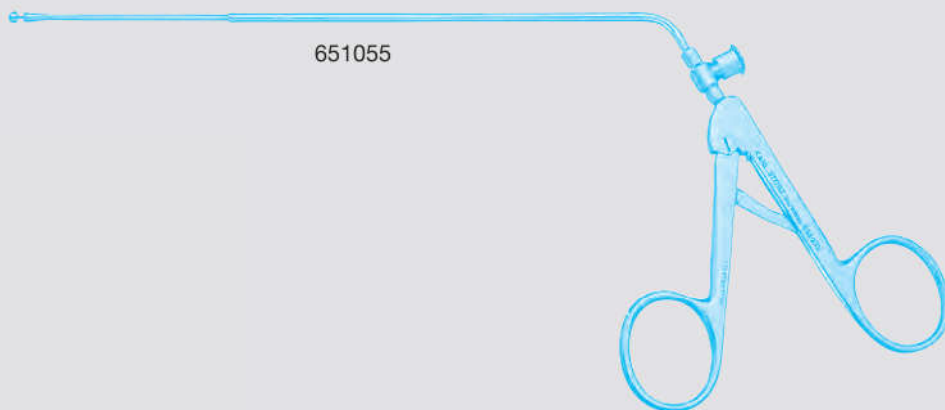
FESS Instruments

for Endoscopic Diagnosis, Surgery and Postoperative Treatment
of Nasal Sinuses and Anterior Skull Base

STAMMBERGER Circular Cutting Punches

Special Features:

- Unique design
 - For enlarging openings in the sphenoid frontal wall
 - Circular cutting punch mechanism allows cutting in a full circle of 360° without rotating the instrument as required with a conventional punch forceps
 - No interference with other instruments simultaneously used in the nose (e. g. endoscope, suction tube)
 - Available in 2 sizes: diameter 3.5 and 4.5 mm, punch head 4-fold LASER-welded
 - With cleaning connector
- Multipurpose use:
 - In addition to abrading procedures applied to the sphenoid frontal wall, bony ethmoid septa, pieces of nasal concha and other thin bony bridges can also be cut away
 - Extremely useful for treatment of choanal atresia
 - Blunt punching head reduces injuries
 - If used correctly by punching exclusively in the sagittal axis, traumata of vital structures, e. g. cranium, arteria carotis and optic nerve osseous canal are virtually impossible



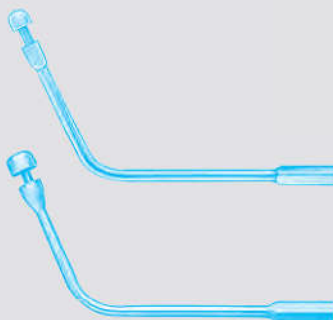
651055

STAMMBERGER **Punch**, circular cutting, for sphenoid, ethmoid and choanal atresia, diameter 3.5 mm, with cleaning connector, working length 18 cm



651050

Same, diameter 4.5 mm



651060

STAMMBERGER **Punch**, circular cutting, 65° upturned, for frontal sinus recess, diameter 3.5 mm, with cleaning connector, working length 17 cm

651065

Same, diameter 4.5 mm

Working length 23 cm



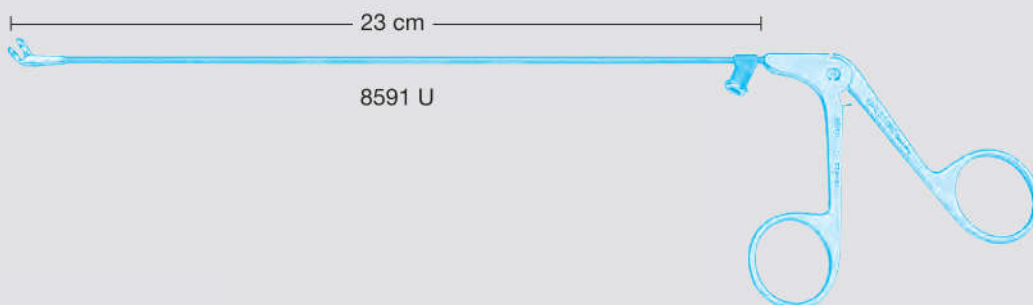
8591 P

Spoon Forceps, with cupped jaws, diameter 5 mm, robust model, double action jaws, sheath diameter 2.5 mm, with cleaning connector, working length 23 cm



8591 PL

Forceps, spoon-shaped, oval, width 4 mm, fenestrated, for biopsy, double action jaws, sheath diameter 2.5 mm, with cleaning connector, working length 23 cm



8591 T

Spoon Forceps, with 4 mm cupped jaws, straight, heavy model, single action jaws, with cleaning connector, working length 23 cm



8591 U

Same, curved upwards



8591 V

Same, curved to right



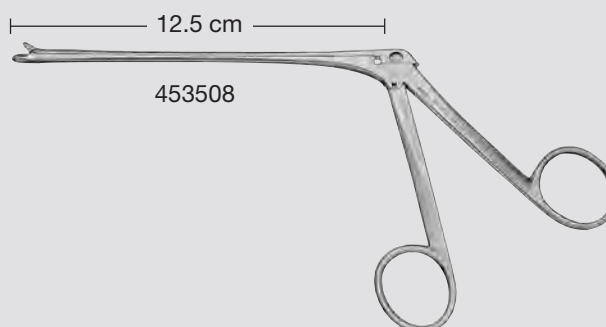
8591 W

Same, curved to left

Standard Instruments for Rhinology and Rhinoplasty

Nasal Forceps

Nasal Forceps, working lengths 10.5 and 12.5 cm, dismantling



453508

Nasal Forceps, dismantling, straight, through-cutting, slender model, with flat jaws, bite 3 x 4 mm, working length 12.5 cm



453509

GRÜNWALD-HENKE Nasal Forceps, dismantling, straight, through-cutting, fine, bite 1.25 x 5 mm, working length 12.5 cm



453510

Nasal Forceps, dismantling, straight, through-cutting, robust model, small, bite 2.5 x 6.5 mm, working length 10.5 cm



453710

Nasal Forceps, dismantling, 45° upturned, through-cutting, slender model, with flat jaws, bite 3 x 4 mm, working length 12.5 cm



453721

Nasal Forceps, dismantling, 45° upturned, through-cutting, fine, bite 1.5 x 4 mm, working length 12.5 cm

Opening Aid 459999 for Forceps with Lugs see ENT catalog

Standard Instruments for Rhinology and Rhinoplasty

Elevators

STORZ
KARL STORZ — ENDOSKOPE



- 474000 **FREER Elevator**, double-ended, semisharp and blunt, length 20 cm
- 474001 **FREER Suction Elevator**, with stylet, length 19 cm
- 474005 **FREER-JACOBS Elevator**, double-ended, semisharp, one side slightly curved FREER elevator, width 5 mm, other side JACOBS elevator, angled 45°, width 2.5 mm, length 20 cm, for infundibulotomy
- 474007 **FREER-YASARGIL Elevator**, double-ended, length 18.5 cm
- 474010 **HARALDSSON Suction Elevator**, with rotatable tube olive, with scale, length 19 cm
- 474015 **CASTELNUOVO Suction Elevator**, flat tip 5 x 1.8 mm, lateral suction opening, bayonet-shaped, with grip plate, length 21 cm
- 474016 **Same**, flat tip 3 x 1.8 mm
- 474017 **CASTELNUOVO Suction Elevator**, flat tip 5 x 1.8 mm, lateral suction opening, bayonet-shaped, distal end curved, with grip plate, length 21 cm
- 474018 **Same**, 3 x 1.8 mm
- 474025 **Elevator**, double-ended, both sides sharp, length 22 cm

3-071

FESS Instruments

for Endoscopic Diagnosis, Surgery and Postoperative Treatment
of Nasal Sinuses and Anterior Skull Base



- | | |
|--------|---|
| 628601 | Antrum Curette , oval, size 1,
length 19 cm |
| 628602 | Same , size 2 |
| 628603 | Same , size 3 |
| 628701 | Antrum Curette , round,
length 19 cm |
| 628702 | Same , oblong, small |
| 628703 | Same , oblong, large |
| 628712 | KUHN-BOLGER Frontal Sinus Curette ,
55° curved, oval, forward cutting,
length 19 cm |
| 628714 | Same , 90° curved |
| 628715 | KUHN-BOLGER Frontal Sinus Curette ,
elongated 90° curve, oblong, small,
length 19 cm |
| 629703 | Antrum Curette , forward cutting,
small, length 19 cm |
| 629704 | Same , backward cutting |

WEERDA Distending Video Operating Laryngoscope

Transoral partial laryngectomy and pharyngectomy using the WEERDA distending video laryngoscope

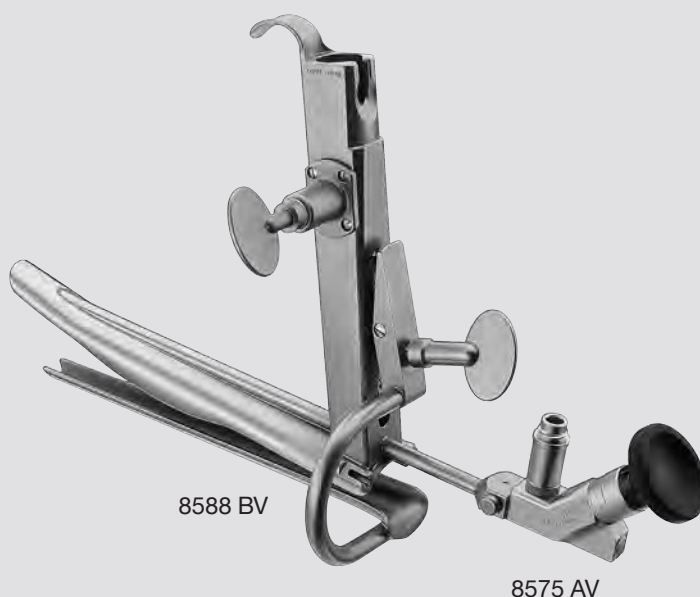
With conventional microlaryngeal surgery, because surgical procedures are performed through a narrow laryngoscope under the guidance of a surgical microscope, the visual field is limited and working space is narrow. In addition, the visual field is often blocked when two hands are used. These disadvantages have limited its indications.

In order to resolve these issues, we use the WEERDA distending video laryngoscope (a conventional WEERDA distending laryngoscope and a HOPKINS® telescope).

Characteristics of the WEERDA distending video laryngoscope

With the present system, because the laryngeal/hypopharyngeal region can be widely opened, a sufficient working space and a wide visual field can be achieved. As a result, surgical procedures that used to require tracheostomy or external cervical incision can now be performed transorally. Supraglottic laryngectomy and partial hypopharyngectomy can also be performed with less invasiveness. In addition to such surgical procedures for laryngeal and hypopharyngeal cancers, the present system is useful for various procedures in the laryngeal, hypopharyngeal and lingual root regions. Hence, surgery in these regions is less invasive.

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Department of Otolaryngology-Head and Neck Surgery,
National Defense Medical College,
Saitama, Japan



- | | |
|---------|--|
| 8588 BV | WEERDA Distending Video Operating Laryngoscope , for adolescents and adults, for operation under video control, with channel and holder for Telescope 8575 AV, length 17 cm, for use with Fiber Optic Light Carrier 8590 GF, Suction Tube to remove vapor 8588 M, Injection Cannula 8588 K and Laryngoscope Holder and Chest Support 8575 K |
| 8575 AV | HOPKINS® Straight Forward Telescope 15° , diameter 4 mm, length 17 cm, autoclavable , 45° angled eyepiece, fiber optic light transmission incorporated, color code: green |

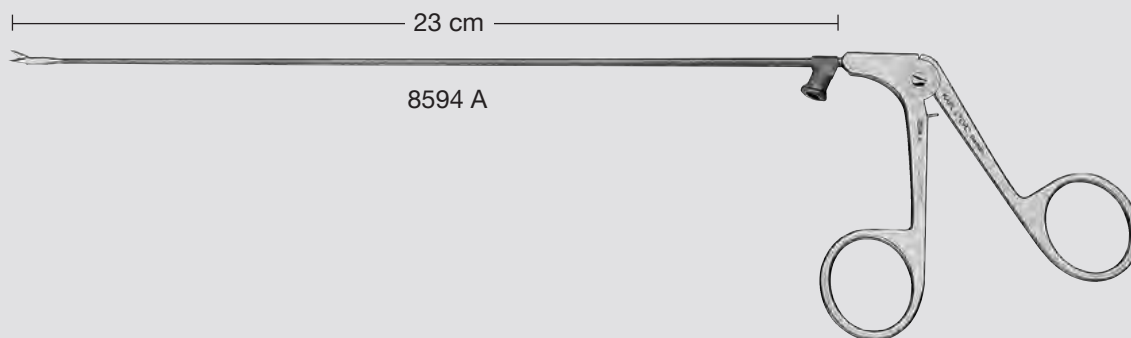
Original KLEINSASSER Instruments

for Endolaryngeal Microsurgery

Special Features:

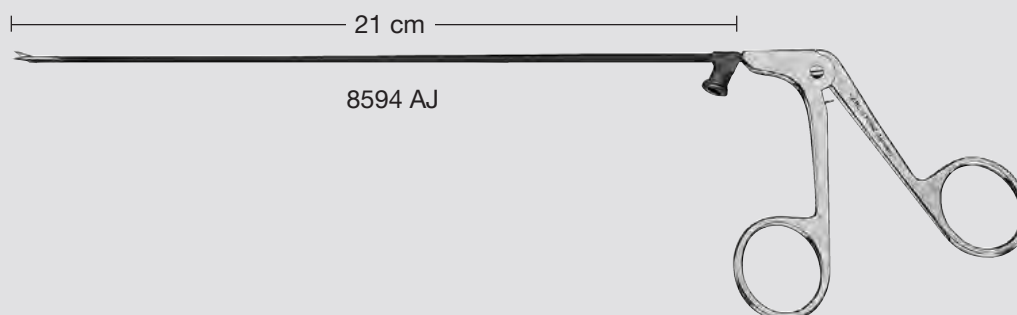
- Excellent cutting performance with optimal transfer of strength
- Due to specially ground surface scissor blades stay sharper much longer
- Distal end thinner than proximal end to provide better viewing
- Sheath conically reinforced from distal to proximal end to increase mechanical stability

Working length 23 cm



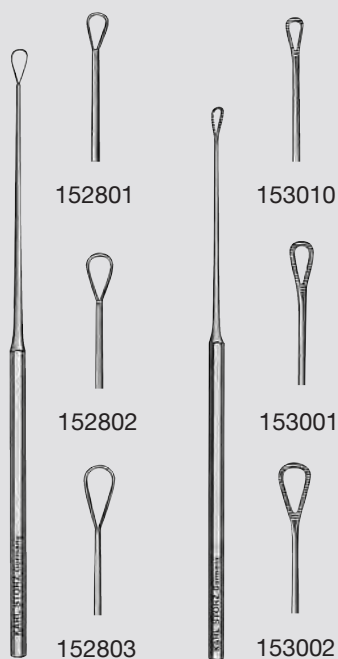
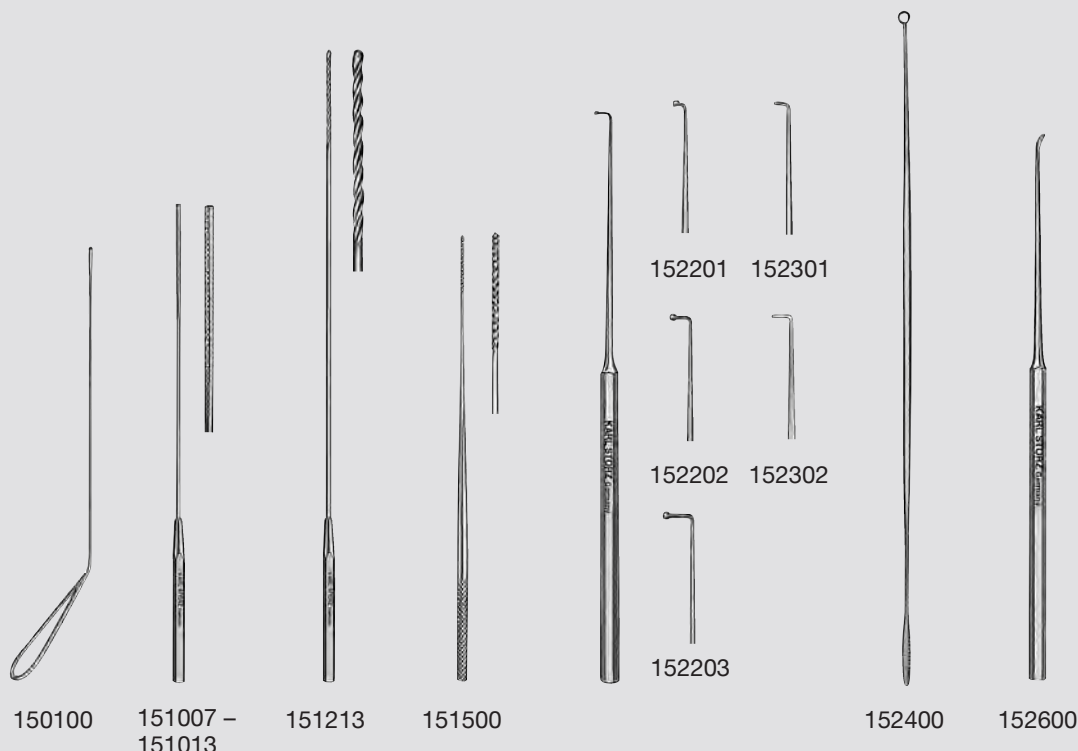
	8594 A	KLEINSASSER Scissors , straight, with cleaning connector, working length 23 cm
	8594 BB	Same , angled 15°
	8594 B	Same , angled 45°
	8594 C	Same , curved to right
	8594 D	Same , curved to left
	8594 E	Same , straight, cuts horizontally

Working length 21 cm, for adolescents



	8594 AJ	KLEINSASSER Scissors , straight, sheath conically reinforced from distal to proximal end, with cleaning connector, working length 21 cm
	8594 CJ	Same , curved to right
	8594 DJ	Same , curved to left

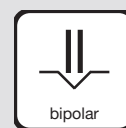
Ear



- 150100 **STACKE Ear Probe**, silver, length 10.5 cm
- 151007 **Cotton Applicator**, standard model, triangular serrated, diameter 0.7 mm, working length 13 cm
- 151009 **Same**, diameter 0.9 mm
- 151011 **Same**, diameter 1.1 mm
- 151013 **Same**, diameter 1.3 mm
- 151213 **Cotton Applicator**, with thread, diameter 1.3 mm, working length 17.5 cm
- 151500 **FROHN Cotton Applicator**, with thread, working length 12.5 cm
- 152201 **WAGENER Ear Hook**, with ball end, size 1, length 15.5 cm
- 152202 **Same**, size 2
- 152203 **Same**, size 3
- 152301 **Ear Hook**, without ball end, size 1, length 15.5 cm
- 152302 **Same**, size 2
- 152400 **JOBSON-HORNE Probe**, working length 18 cm
- 152600 **ZAUFAL Ear Spatula**, length 14.5 cm
- 152801 **BILLEAU Ear Loop**, size 1, length 16 cm
- 152802 **Same**, size 2
- 152803 **Same**, size 3
- 153010 **WEBER-LOCH Ear Loop**, size 0, length 14.5 cm
- 153001 **Same**, size 1
- 153002 **Same**, size 2

Bipolar Coagulating Forceps

Bipolar Coagulating Forceps, insulated
For use with Bipolar High Frequency Cords 847000 or 847000 A/E/M/V



844320

Bipolar Coagulating Forceps, insulated, bayonet-shaped, blunt, with integrated suction channel and cut-off hole, tip 1.4 mm, length 20 cm



844321

Same, tip 2 mm, length 20 cm



844421

Bipolar Coagulating Forceps, insulated, bayonet-shaped, blunt, tip 0.3 mm, length 21 cm



844423

Same, length 23 cm



844521

Same, blunt, tip 0.7 mm, length 21 cm



844523

Same, tip 0.7 mm, length 23 cm



844621

Same, blunt, tip 1 mm, length 21 cm



844623

Same, blunt, tip 1.2 mm, length 23 cm



844721

Same, blunt, tip 2 mm, length 21 cm



845219

Bipolar Coagulating Forceps, insulated, angled tip, bayonet-shaped, blunt, tip 2 mm, length 19 cm

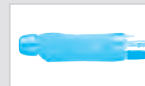
Shaver Blades, curved

for Nasal Sinuses and Skull Base Surgery

For use with DrillCut-X® II and DrillCut-X® II N



41203 KKF



Shaver Blades, curved 65°, sterilizable

Detail	for use with	Shaver Blade length 12 cm
	40 7120 50 DrillCut-X® II Handpiece 40 7120 55 DrillCut-X® II N Handpiece	
	<u>41203 KNF</u>	curved 65°, cutting edge serrated forwards, diameter 4 mm, color code: blue-red
	<u>41203 KNB</u>	curved 65°, cutting edge serrated backwards, diameter 4 mm, color code: blue-red
	41203 KKF	curved 65°, cutting edge serrated forwards, double serrated, diameter 4 mm, color code: blue-yellow
	41203 KKB	curved 65°, cutting edge serrated backwards, double serrated, diameter 4 mm, color code: blue-yellow
	41203 KKFA	curved 65°, cutting edge serrated forwards, double serrated, diameter 3 mm, color code: blue-yellow
	41203 KKBA	curved 65°, cutting edge serrated backwards, double serrated, diameter 3 mm, color code: blue-yellow
	41203 GNF	curved 65°, concave cutting edge, oval cutting window, forward opening, diameter 4 mm, color code: blue-green
	41203 GNB	curved 65°, concave cutting edge, oval cutting window, backward opening, diameter 4 mm, color code: blue-green

Optional Accessory:



41200 RA

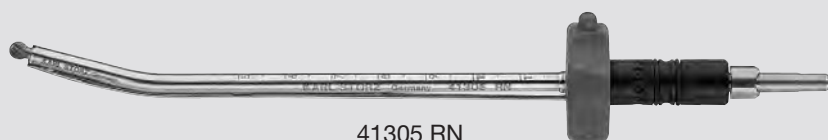
Cleaning Adaptor, LUER-Lock, for cleaning the inner and outer blades of reusable Shaver Blades 412xx

Components/Spare Parts see chapter 16

Sinus Burrs, curved

for Nasal Sinuses and Skull Base Surgery

For use with DrillCut-X® II and DrillCut-X® II N



Sinus Burrs, curved 70°/55°/40°/15°, **for single use**, sterile, package of 5

Detail	for use with	Sinus Burr length 12 cm
	40 7120 50 DrillCut-X® II Handpiece 40 7120 55 DrillCut-X® II N Handpiece	
	41304 W	curved 40°, cylindric, drill diameter 3 mm, shaft diameter 4 mm, color code: red-blue
	41303 WN	curved 55°, cylindric, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red-blue
	41305 RN	curved 15°, bud drill, drill diameter 4 mm, shaft diameter 4 mm, color code: red-black
	41305 DN	curved 15°, diamond head, drill diameter 3 mm, shaft diameter 4 mm, color code: red-yellow
	41305 D	curved 15°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red-yellow
	41305 DW	curved 40°, diamond head, drill diameter 5 mm, shaft diameter 4 mm, color code: red-yellow
	41303 DT	curved 70°, diamond head, drill diameter 3.6 mm, shaft diameter 4 mm, color code: red-yellow

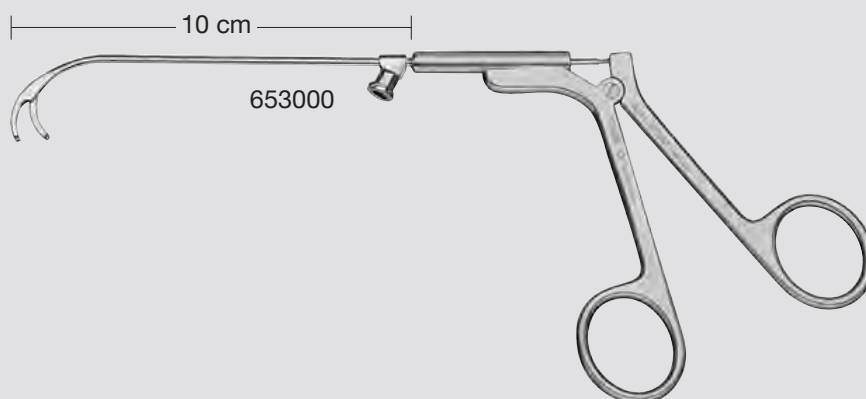
Instruments for Sinoscopy

HEUWIESER Antrum Grasping Forceps

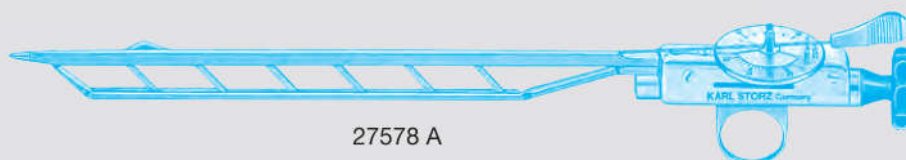
HEUWIESER Antrum Grasping Forceps

Special Features:

- Unique concept, completely new design
- Short, sharp-radius curve starting at the joint of the jaws
- Far-reaching jaws open backwards
- For endonasal removal of cysts and polyps
- Specially suitable for out-patient use under local anesthesia where a window already exists, without subjecting the patient to undue stress
- With the telescope introduced separately the slim sheath with a diameter of only 2.5 mm permits good handling and unimpeded view inside the antrum
- Distal end of the forceps is sharply curved like an antrum cannula thus making it possible to introduce the working end far into the antrum; the fundus of the antrum is reached down to the alveolar sinus
- Fenestrated jaws enable unobstructed view of anatomic structures and the position of the jaws, thus particularly facilitating localized work with grasping forceps
- Also suitable for removing fish bones and hairs from the hypopharynx



- 653000 HEUWIESER **Antrum Grasping Forceps**, jaws curved downwards, fixed jaw curved 90°, movable jaw opening up to 120° backward opening, with cleaning connector, working length 10 cm
- 653001 **Same**, jaws curved upwards
- 653002 **Same**, jaws curved to right
- 653003 **Same**, jaws curved to left
- 653005 HEUWIESER **Antrum Grasping Forceps**, with extra long curve for anterior alveolar recess, fixed jaw curved downwards 115°, movable jaw backward opening up to 140°, with cleaning connector, working length 10 cm
- 653006 **Same**, fixed jaw curved downwards 140°, movable jaw backward opening 155°



27578 A

- | | |
|----------|--|
| 27578 A | OTIS-MAUERMAYER Urethrotome , parallel expanding, length of dilating surface 16 cm, with 2 knives |
| 27578 AM | Knife , for use with OTIS-MAUERMAYER Urethrotome 27578 A |

Stone Punch

For use with HOPKINS® Forward-Oblique Telescopes 27005BA, 27005FA, enlarged view
MAUERMAYER Recommended Set



27077A

Punch Working Element



27077BZK

Punch Sheath, with central valve, 25 Fr., straight beak, with Obturator 27077DO, including tube for in- and outflow tube



27077G

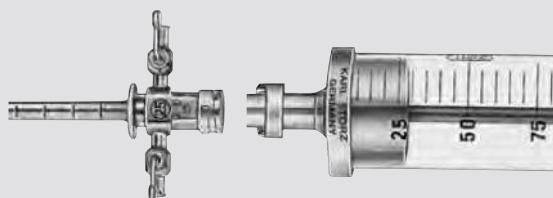
Sheath Insert, with channel for flexible instruments, 7 Fr., with atraumatic beak for urethroscopy



27211 LO TOOMEY **Syringe**, 50 cc
27212 LO TOOMEY **Syringe**, 100 cc



27215 LO REINER-ALEXANDER **Syringe**, 75 cc
27215 EL **Spare Barrel**, for use with Syringe 27215 LO
27216 LO REINER-ALEXANDER **Syringe**, 100 cc
27216 EL **Spare Barrel**, for use with Syringe 27216 LO
27218 LO REINER-ALEXANDER **Syringe**, 150 cc
27218 EL **Spare Barrel**, for use with Syringe 27218 LO
27220 **Catheter Adaptor**, for use with Syringes 27211 LO – 27218 LO
27213 **Adaptor**, to connect Syringe 27211 LO to miniature cystoscope-urethroscope sheaths

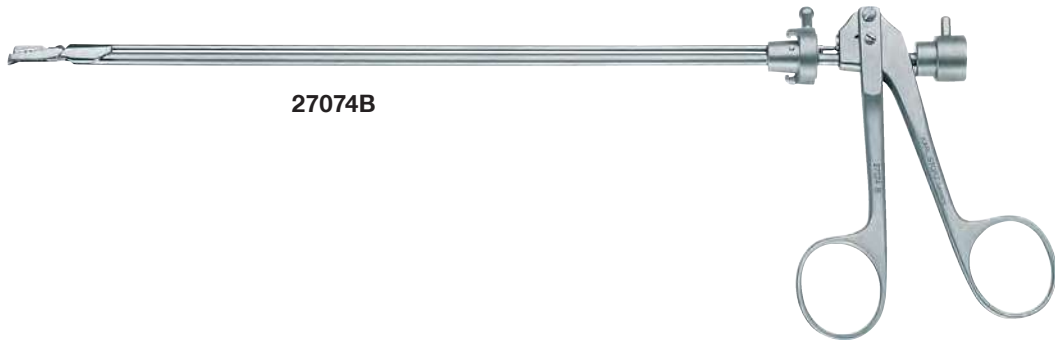


Locking device “LO”

Syringes 27211 – 27218 and Evacuator 27224 are supplied with locking device “LO” to secure watertight closure between the syringe and the sheath.

Stone Crushing Forceps

For use with HOPKINS® Forward-Oblique Telescopes 27005BA, 27005FA and 25 Fr. cystoscope-urethroscope sheath and 26/28 Fr. resectoscope sheaths (through outer sheath only)



27074B

Stone Crushing Forceps, single action jaws

27074SZ

Adaptor, for use with outer sheaths of Resectoscope Sheaths 27040SD, 27040SL, 27040SM and 27050SL, 27050SM

27074SC

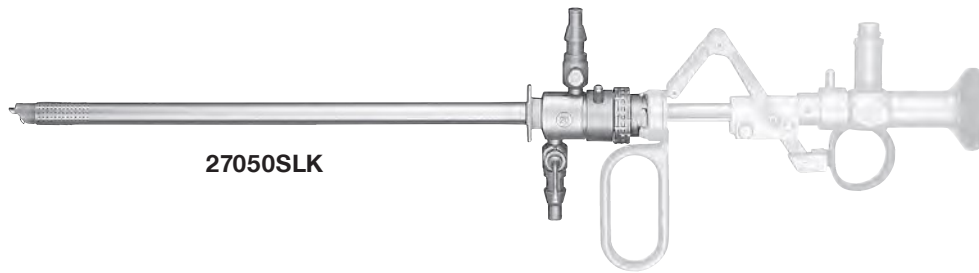
Adaptor, for use with Stone Crushing Forceps 27074B and outer sheaths of Resectoscope Sheaths 27050SC and 27050SD

Resectoscope Sheaths with Rotating Inner Sheaths

for continuous irrigation and suction

Special Features:

- For better service:
Exchangeable inner sheath
- Sheath can be combined with
Working Elements 27040 and 27050
- Rotating inner sheath



27050SLK

27050SLK

Resectoscope Sheath, including tube for in- and outflow, 26 Fr., oblique beak, rotating inner sheath with ceramic insulation, color code: yellow

27050XA

Inner Sheath, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27050SL

27050SMK

Resectoscope Sheath, including tube for in- and outflow, 28 Fr., oblique beak, rotating inner sheath with ceramic insulation, color code: black

27050XB

Inner Sheath, rotating, with ceramic insulation, for use with resectoscope outer sheath of 27050SM



27093GN

Adaptor, for use with resectoscope outer sheaths and PCN sheaths in conjunction with evacuators and bladder syringes



27040LB

Adaptor, for use with Telescopes 27293AA and 27292AMA with resectoscope outer sheaths of 27040SL, 27040SD and 27050SL



27094BY

Adaptor, for use with resectoscope sheaths and optical forceps

The resectoscope sheaths can be used with unipolar and bipolar working elements.