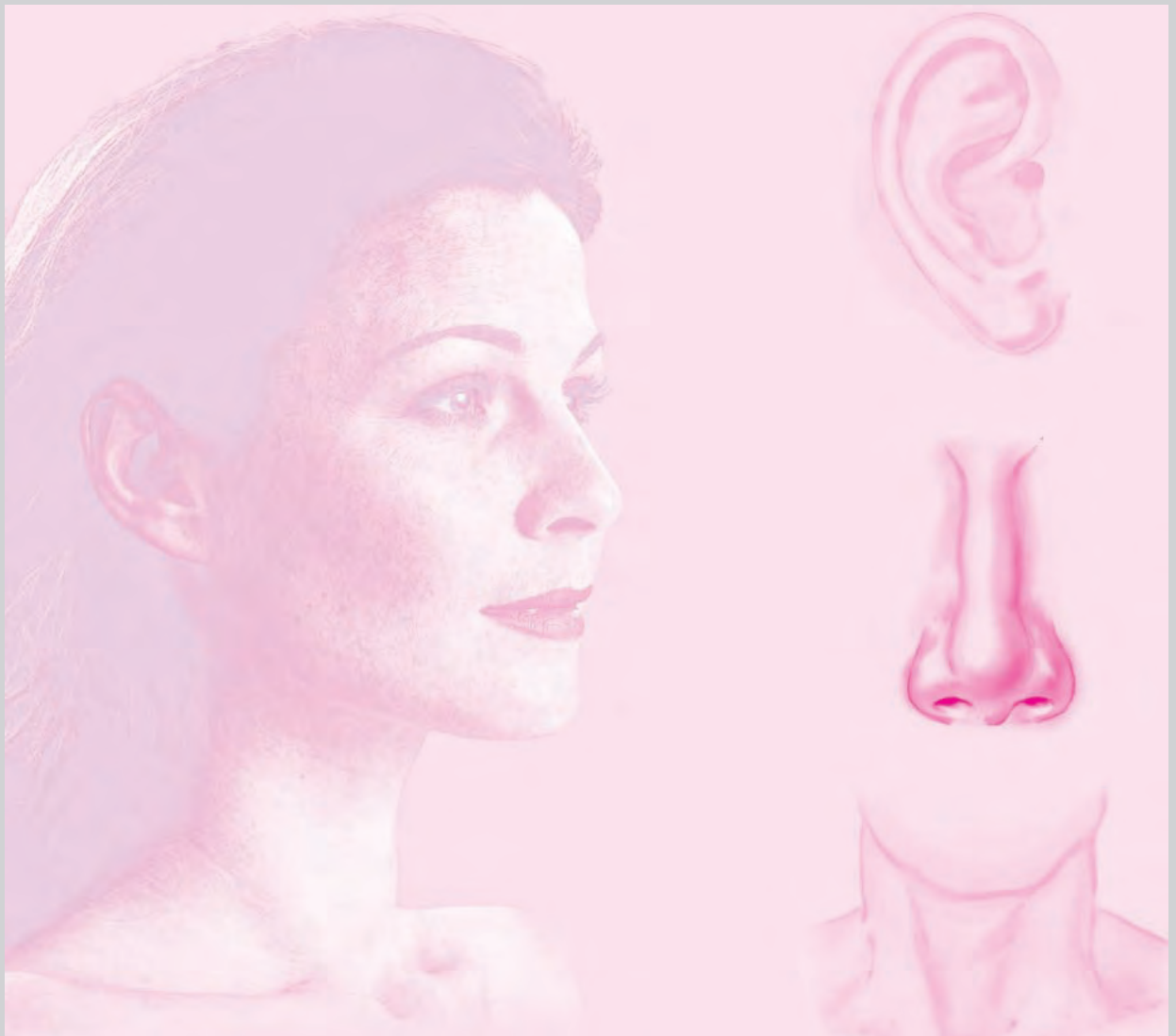




THE WORLD OF ENDOSCOPY



EXTRACT FROM CATALOG ENT
INSTRUMENTS FOR RHINOLOGY
AND RHINOPLASTY

9th EDITION 2/2012 US

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US 6749563
8666 AN
8666 DN

US 6635010
10020 CA
10324 CA
1218 CA
1230 CA
1232 CA
28162 CKA
10020 BA

US 6618207
8713 AA
8713 BA
8713 FA
7220 AA
7220 BA
7220 CA
7220 FA

US 6099467
US 6632173
8707 DA
8707 DP
10338 TA
10338 TRA
789800 P

US 6641531
7230 AP
7230 BP
7230 FP
8712 AP
8712 BP
8712 CP
8700 CP
8710 AP
8711 AP
10320 AP
10320 BP
10320 DP

US 6840932
651503
651504
651505

US 5474571
653010

US 5741296
10510 N
10510 B
10510 AA

US 7229406
8707 DP

TERMS AND CONDITIONS

KARL STORZ Endoscopy-America, Inc.

1. ORDERS

Orders are to be placed with the Customer Support Department of KARL STORZ Endoscopy-America, Inc. ("KSEA") or with its sales force. However, orders will only be accepted by KSEA's Customer Support Department in El Segundo, California and only on the condition that in the event of any conflicting, inconsistent and/or additional provisions in a Customer purchase order or other document, the within Terms and Conditions will supersede and prevail and such conflicting, inconsistent and/or additional provisions shall be of no force or effect; KSEA hereby objects to such other provisions or terms proposed by Customer. By accepting delivery of products, and/or the performance of services, from KSEA, and/or by paying for same, Customer agrees that notwithstanding anything to the contrary in Customer's own purchase order or other document, Customer accepts and agrees to the within Terms and Conditions, all of which constitute the sole and entire Agreement of KSEA and Customer, unless and to the extent modified and/or superseded by an agreement in writing signed by both Customer and an authorized representative of KSEA.

2. PRICES

Prices are subject to change without notice. Nevertheless, prices in effect at the time that an order is accepted will prevail. Written quotations are valid for 60 days unless otherwise specified. All applicable taxes, as well as shipping and/or handling charges, will be added to the invoice.

3. TERMS

Shipments are F.O.B. shipping point, freight prepaid by KSEA and added to the invoice. Unless modified in writing, invoices are due and payable upon receipt; net 30 days. A finance charge may be assessed on all unpaid balances over 30 days equal to one and one-half percent (1-1/2%) per month, or the maximum amount allowed by law, whichever is less. Any and all collection expenses, including reasonable attorneys fees, which are incurred by KSEA to secure payment of any sums due from Customer and/or to effectuate repossession of products purchased from KSEA, but not paid for, will be borne by Customer. All controversies, disputes and claims, shall be adjudicated by a court of competent jurisdiction within the County of Los Angeles, State of California or the United States District Court, Central District of California, which courts shall have exclusive jurisdiction of such matters. All transactions by and between Customer and KSEA shall be governed by and construed in accordance with the laws of the State of California without regard to its conflict of laws principles. The invalidity or unenforceability of any of the within Terms and Conditions will not effect the validity or enforceability of any other or remaining Term or Condition hereof. The within Terms and Conditions apply to products that are supplied to Customer as samples or loans from KSEA. Amounts payable to KSEA for the purchase, lease, or rent of products and/or services are not subject to withholding, set-off, or counter-claim under any circumstances without prior written consent of KSEA.

4. SECURITY INTEREST

Until Customer has paid KSEA in full for all products purchased pursuant to an order, KSEA shall have, and Customer hereby grants to KSEA, a security interest in all products purchased, pursuant to such order, and in all proceeds therefrom (including that which Customer receives as payment from an insurer or third party for or as a result of any damage to or loss of said products), to secure payment of the entire purchase price for all products sold, shipped and delivered to Customer pursuant to such order, and to secure all costs, expenses or other charges relating thereto which are payable by Customer to KSEA. Customer is required to execute and deliver such documents, as required and requested by KSEA, to perfect KSEA's security interest(s).

5. SHIPPING

Although KARL STORZ products are carefully packed to minimize in-transit damage, all shipments should be carefully examined upon receipt and if a product is damaged, Customer must document the nature and extent of the damage and immediately contact KSEA. If concealed loss or damage is discovered, Customer must retain all packing materials and immediately notify KSEA, requesting an inspection. If shipments are received short, Customer must contact KSEA's Customer Support Department at once. KSEA reserves the right to make partial shipments on any Order. Invoices for partial shipments are payable upon receipt. KSEA is not liable for any damages caused by or attributable to delays and/or non-delivery due to any cause whatsoever.

6. RETURN POLICY

A return merchandise authorization (RMA) must be obtained from KSEA's Customer Support Department prior to returning any products. When phoning or writing KSEA, for an RMA, the Customer Support Representative must be provided with: (1) Customer name and number, as it appears on the invoice; (2) the telephone number and the person to contact; (3) the applicable P.O. number; (4) the KARL STORZ catalog number and, if applicable, the serial number for each product; and, (5) the reason for the return. KSEA reserves the right to refuse or return any products sent back to KSEA without prior authorization of its Customer Support Department. Returns must be carefully packed and shipped pre-paid to KSEA, attn: RMA number. KSEA's Customer Support Department will provide the return address and the RMA number. When returning products, Customer should include a copy of the original invoice or packing slip to ensure prompt issuing of credit. Full credit will only be issued for products that are returned within 30 days of invoice date and so long as such items are unused, in resalable condition and in their original product container. All products returned after 30 days from the date of invoice are subject to a 15% restocking fee. Shipping charges will be reimbursed, restocking fees will not be charged and full credit will be given if the return was due to an error on the part of KSEA. The following products may not be returned for credit or exchanged: (1) products held longer than 90 days from invoice date; (2) sterile packaged products where the package is opened and/or damaged; (3) discontinued products; (4) instruments that are etched or engraved by Customer; (5) products damaged by the Customer; (6) products purchased "as is" or as demo products; and, (7) used products. In order to prevent the transmission of disease to the medical facilities' and/or KSEA's personnel, all products must be cleaned and then sterilized and/or disinfected before sending such products back to KSEA, who reserves the right to return unclean and contaminated products to the Customer. Additionally, if any product becomes damaged and is not immediately returned, KSEA assumes no responsibility or liability for Customer's continued use of that damaged product. KSEA does not guarantee the performance, and may decline to repair or accept for repair/exchange, any product that has been repaired, modified and/or altered by any person or entity other than KSEA or an authorized repair facility of KSEA.

7. INSTALLATION, PREVENTATIVE MAINTENANCE, AND OTHER SERVICES

Subject to resource availability, KSEA may, in its sole discretion, (i) install and setup the product, perform preventative maintenance services, provide onsite or remote troubleshooting services and other services, (ii) provide software updates and (iii) provide loaners in case of back orders.

8. TRAINING

To the extent reasonable as to the complexity and quantity of products, KSEA will provide training regarding the proper use of products at or near the time of delivery or installation, as applicable. KSEA may also provide additional training regarding the proper use of products upon Customer's request, in KSEA's sole discretion and subject to availability of KSEA personnel.

9. REPAIR PROGRAM

If repairs become necessary, for other than damages incurred during initial shipment, the Customer must follow the RMA procedure set forth in the "Return Policy" in Section 6, above. Warranty repairs will be made without charge (see "Warranty Policy," Section 10 below, for covered repairs). All other repairs are subject to KSEA's applicable standard repair or exchange charges. If requested, Customer will be advised of the estimated cost of the repair work or a product exchange before it is undertaken. All repairs carry a 90 day warranty. Exchange products carry the applicable KARL STORZ product warranty. If the damaged product is not returned within thirty (30) days of receipt of the replacement product, Customer will be invoiced for the full list price of the replacement. Subject to the availability of product, KSEA may, in its sole discretion, provide Customer with loaner product while non-warranty repairs are being made. Subject to resource availability, KSEA may, in its sole discretion, perform minor non-warranty repairs without charge. KSEA reserves the right to refuse or return any product sent back without prior authorization of KSEA's Customer Support Department.

10. WARRANTY POLICY

Except as otherwise provided herein and/or by the applicable warranty information for a specific product or type of product, all products are generally warranted to be in good working order at the date of delivery and free from defects in workmanship and materials for one (1) year from date of delivery. However, since some products carry a shorter or a longer warranty period, Customer should check with KSEA's Customer Support Department or product specific literature, instruction manual and/or labeling for the exact warranty period. Any such product(s) with a defect occurring during the applicable warranty period will be promptly replaced or, at the sole discretion of KSEA, repaired at no charge to Customer. Subject to availability of product, KSEA may, in its sole discretion, provide Customer with loaner product while the defective product is being replaced or repaired during warranty period. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED AND/OR STATUTORY, INCLUDING, BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS AND/OR OF SUITABILITY FOR A PARTICULAR PURPOSE, WITH RESPECT TO ALL KARL STORZ PRODUCTS OR SERVICES. ANY AND ALL OTHER WARRANTIES, REPRESENTATIONS AND/OR GUARANTEES, OF ANY TYPE, NATURE OR EXTENT, BE IT IMPLIED, EXPRESS AND/OR WHETHER ARISING UNDER OR AS A RESULT OF ANY STATUTE, LAW, COMMERCIAL USAGE, CUSTOM, TRADE OR OTHERWISE, ARE HEREBY EXPRESSLY EXCLUDED AND DISCLAIMED. Any contrary course of performance by and between the parties will not modify any representations and/or warranties set forth herein. KSEA neither assumes nor authorizes any person to assume for it any other liabilities in conjunction with and/or related to the sale and/or use of its products. To ensure proper use, handling and care of KARL STORZ products, Customer should consult the product specific literature, instruction manual, and/or labeling included with the product or otherwise available. Repairs, modifications or alterations of KARL STORZ products, performed by any person or entity, other than by KSEA or an authorized repair facility of KSEA, nullifies and otherwise voids all applicable KARL STORZ warranties. Repair or replacement of a KARL STORZ product shall not extend the term of any applicable warranty. The remedies provided herein are Customer's exclusive remedies under this Warranty Policy.

11. LIMITATION OF LIABILITY

KSEA is not liable, either directly or by way of express or implied indemnity, for: (1) any damages which might arise or be caused, whether by the Customer or by any of the users of the products provided by KSEA, as a result of, in connection with, or otherwise attributable to: (a) misuse, abuse, mishandling and/or improper operation and/or storage; (b) repairs, servicing, modifications and/or alterations performed by any person or entity, other than KSEA or an authorized repair facility of KSEA; (c) use in combination with adaptors, accessories and/or equipment from other manufacturers unless authorized or recommended by KSEA, (d) use in any manner other than those for which such products are designed and are otherwise intended to be used, or (e) a failure to comply with power and grounding specifications provided by KSEA and, (2) any special, incidental, consequential, punitive, exemplary or indirect damages, including but not limited to alleged damages for delayed shipment, non-delivery, product failure, product design or production, inability to use such products or services, loss of future business (lost profits), or from any other cause, whatsoever, in connection with or arising from the purchase, sale, lease, rental, installation or use of KARL STORZ products, even if KSEA has been advised of the possibility of such damages. SOME JURISDICTIONS DO NOT ALLOW EXCLUSIONS AND DISCLAIMERS OF CERTAIN WARRANTIES OR LIMITATIONS OF LIABILITY, SO THE LIMITATIONS AND/OR EXCLUSIONS, SET FORTH IN THESE TERMS AND CONDITIONS, MAY NOT APPLY. IN THAT EVENT, KSEA'S LIABILITY WILL BE LIMITED TO THE GREATEST EXTENT PERMITTED BY LAW IN THE SUBJECT JURISDICTION.

12. DISCOUNTS AND REBATES

The dollar value of discounts and rebates (if any) provided by KSEA to Customer are intended to be discounts or reductions in price described in and in accordance with 42 U.S.C. Section 1320a-7b(b)(3)(A) and 42 C.F.R. Section 1001.952(h). Customer has an obligation to accurately record and may have an obligation to report all such reductions in purchase price to the Department of Health and Human Services ("DHHS") or other federal agency, state agencies, or other payers, as applicable. Customer acknowledges that this section is sufficient to effectively advise Customer of its obligations under applicable federal and state laws and regulations.

13. SOFTWARE OWNERSHIP AND LICENSING

With respect to products provided by KSEA and/or its affiliated/related entities (collectively, "KARL STORZ") and containing software components, Customer is granted a non-exclusive, limited, non-transferable license (the "License") to use the programmed logic, computer programs and/or software, including software developed by or on behalf KARL STORZ ("KARL STORZ Software") and/or software developed by or on behalf of a third party ("Third Party Software") (collectively, "Software") embedded in, or for use in conjunction with, such products, internally, but only in the form in which delivered to Customer and for the sole purpose of operating in accordance with KARL STORZ' written instructions for the products provided to Customer (and for no other product or purpose). The Software, and all modifications, enhancements and upgrades thereto, will, at all times, remain the property of KARL STORZ or the applicable third party. Customer may not duplicate, copy, reverse-engineer, de-compile, or disassemble the Software or in any way modify the Software. Customer has no right to, and may not, create derivatives of the Software, and Customer may not attempt to copy, create or re-create the source code of the Software. Any and all such modifications or enhancements to the Software by Customer, in contravention of this License, will immediately become the sole property of KARL STORZ. Customer hereby acknowledges and agrees that (i) the purchase, lease or other acquisition of products does not constitute a transfer of the Software, (ii) the Software is the property of KARL STORZ or the applicable third party, (iii) Customer neither owns nor acquires any interest in any copyright, patent or other intellectual property right in or to the Software as a result of such purchase, lease or other acquisition of products, (iv) KARL STORZ, or the applicable third party, retains and owns all right, title, and interest in and to the Software and the ownership rights therein, at all times, regardless of the form or media in or on which the original or other copies of the Software may exist, and (v) by using the products, Customer is subject to, and is bound by, the terms of any separate third-party license agreement relating to the Third Party Software. In the event of a failure of Customer or its agents, employees or representatives, to comply with any terms and conditions of the License herein granted, the License will, without any further action by KARL STORZ or any other party, immediately end and terminate.

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484106	120	488018	147	498815	150
484202	121	488022	147	498816	150
484204	121	488023	147	498820	150
484206	121	488024	147	498822	150
484207	121	488030	147	498824	150
484209	121	488032	148	499001	128
484212	121	488034	148	499101	128
484224	121	488036	148	499111	128
484226	121	488038	148	499201	128
484242	121	488041	148	499202	128
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INSTRUMENTS FOR RHINOLOGY AND RHINOPLASTY



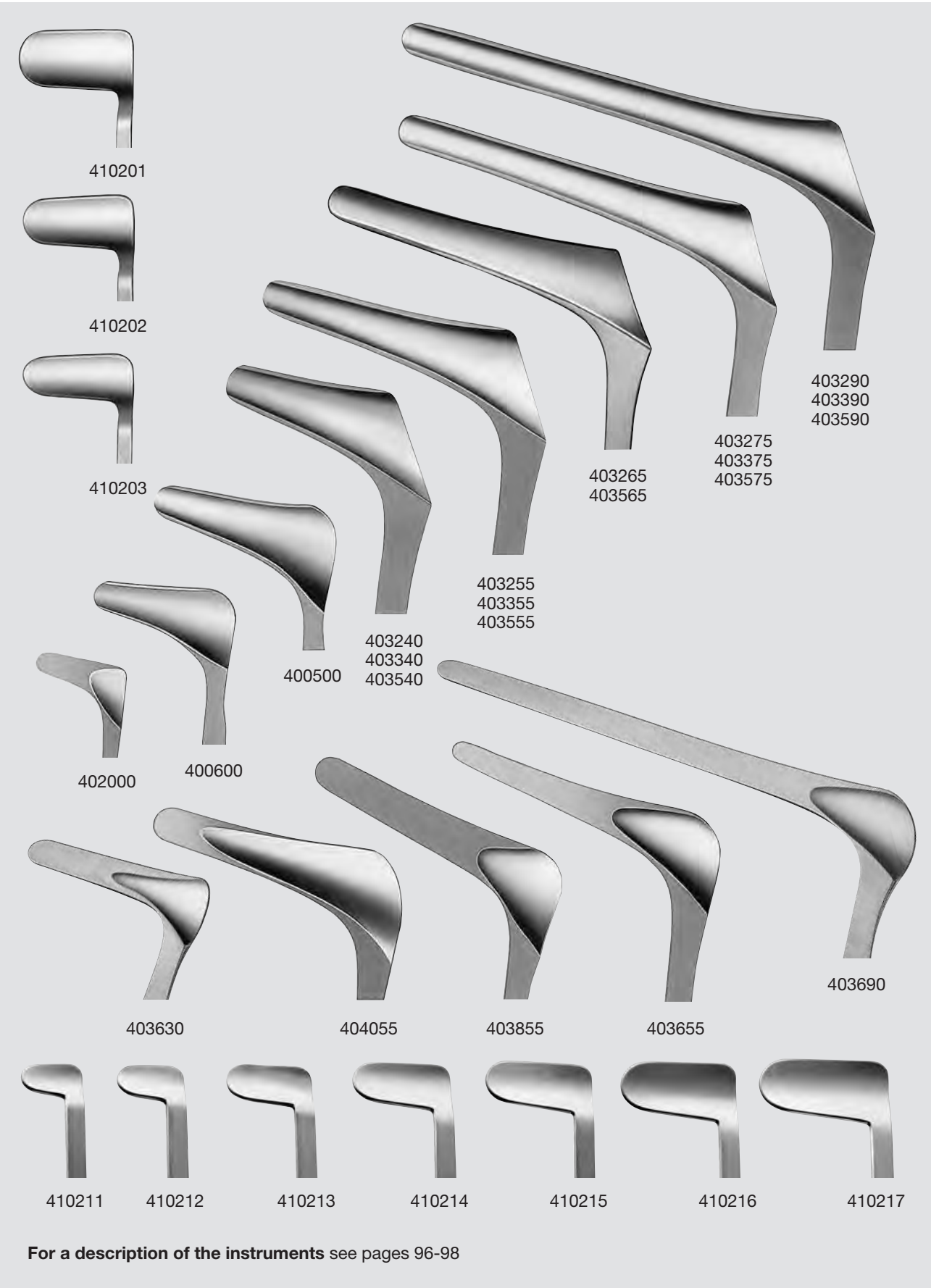
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512311 DST	131	523100	138	539510	141
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512614 DST	131	523834	138	723017	100
512618	133	523856	138	723018	100
512618 DS	131	523878	138	723020	100
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**INSTRUMENTS FOR RHINOLOGY
AND RHINOPLASTY**

Nose

Instruments for Rhinology and Rhinoplasty



Nose

Instruments for Rhinology and Rhinoplasty



400500



400520



400600



402000



410201 –
410203



410211 –
410217

- 400500 HARTMANN **Nasal Speculum**, for adults, length 13 cm
- 400520 BECKMANN **Nasal Speculum**, for adults, curved sideways, length 15 cm
- 400600 HARTMANN **Nasal Speculum**, for children, length 13 cm
- 402000 HALLE-TIECK **Nasal Speculum**, for infants, length 13 cm
- 410201 THUDICHUM **Nasal Speculum**, self-retaining, large, blade size 18 x 11.5 mm, length 6.5 cm
- 410202 **Same**, medium, blade size 18 x 9.5 mm
- 410203 **Same**, small, blade size 18 x 8.5 mm
- 410211 THUDICHUM/MARK HOVELL **Nasal Speculum**, self-retaining, blade size 8.5 x 6 mm, length 7 cm
- 410212 **Same**, 9 x 7 mm
- 410213 **Same**, 12.5 x 8 mm
- 410214 **Same**, 15 x 8.5 mm
- 410215 **Same**, 16.5 x 9 mm
- 410216 **Same**, 18 x 10 mm
- 410217 **Same**, 19.5 x 10.5 mm

Components/Spare Parts see chapter 14

Nose

Instruments for Rhinology and Rhinoplasty



403240 –
403290



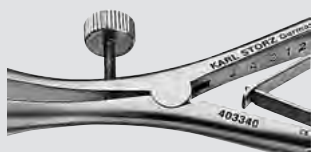
403340 –
403390



403540 –
403590



- 403240 KILLIAN-STRUYCKEN **Nasal Speculum**,
with set rack, blade length 40 mm, length 15 cm
403255 **Same**, blade length 55 mm
403265 **Same**, blade length 65 mm
403275 **Same**, blade length 75 mm
403290 **Same**, blade length 90 mm



- 403340 KILLIAN-STRUYCKEN **Nasal Speculum**,
with set screw, blade length 40 mm, length 15 cm
403355 **Same**, blade length 55 mm
403375 **Same**, blade length 75 mm
403390 **Same**, blade length 90 mm



- 403540 KILLIAN-STRUYCKEN **Nasal Speculum**, standard
model, blade length 40 mm, length 13.5 cm
403555 **Same**, blade length 55 mm
403565 **Same**, blade length 65 mm
403575 **Same**, blade length 75 mm
403590 **Same**, blade length 90 mm

Components/Spare Parts see chapter 14

Nose

Instruments for Rhinology and Rhinoplasty



403630 –
403690



403835 –
403890



404040 –
404055

- | | |
|--------|--|
| 403630 | COTTLE Nasal Speculum, |
| | blade length 35 mm, length 13 cm |
| 403655 | Same, blade length 55 mm |
| 403675 | Same, blade length 75 mm |
| 403690 | Same, blade length 90 mm |
| 403755 | COTTLE Nasal Speculum, with slender blades, |
| | with set screw, blade length 55 mm, length 13 cm |
| 403835 | COTTLE Nasal Speculum, with set screw, |
| | blade length 35 mm, length 13 cm |
| 403855 | Same, blade length 55 mm |
| 403865 | Same, blade length 65 mm |
| 403875 | Same, blade length 75 mm |
| 403890 | Same, blade length 90 mm |
| 404040 | Nasal Speculum, with fiber optic light carrier, |
| | blade length 40 mm, length 13.5 cm |
| 404055 | Same, blade length 55 mm |

Components/Spare Parts see chapter 14

Nose

Instruments for Rhinology and Rhinoplasty



404455 –
404475



404555 –
404575

- | | |
|--------|--|
| 404455 | RUDERT Nasal Speculum , for adults, with set screw and adaptation for Flexible Tension Arm 723018, left blade length 55 mm, right blade shortened with 3 mandrels, length 15 cm |
| 404465 | Same , left blade length 65 mm |
| 404475 | Same , left blade length 75 mm |
| 404555 | RUDERT Nasal Speculum , for adults, with set screw and adaptation for Flexible Tension Arm 723018, right blade length 55 mm, left blade shortened with 3 mandrels, length 15 cm |
| 404565 | Same , right blade length 65 mm |
| 404575 | Same , right blade length 75 mm |

Nose

Instruments for Rhinology and Rhinoplasty



**For use with Nasal Specula 404455 – 404475,
404555 – 405575**

- 723017 **Rotating Clamp**, with holding rod for Flexible Tension Arm 723018, attachable to the operating table's sliding rail
- 723018 **Flexible Tension Arm**, length 50 cm
- 723020 **Connector**, for Flexible Tension Arm 723018, attachable to rods up to diameter 16 mm

The tension arm can also be attached to an anesthesia frame using the connector in place of the holding rod.

Components/Spare Parts see chapter 14

Nose

Instruments for Rhinology and Rhinoplasty



416800



417013
417017



417217



417600



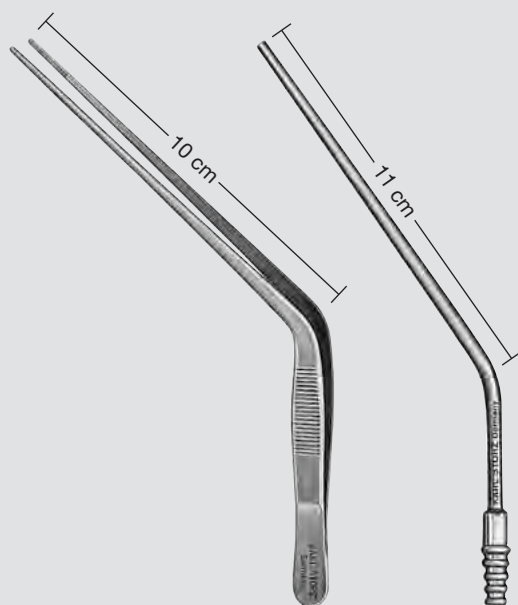
420000



423700



426516
426620



426900

203835

416800 **Nasal Probe**, curved, working length 11 cm, total length 18 cm

417013 **Cotton Applicator**, standard model, triangular, serrated, diameter 1.3 mm, length 15 cm

417017 **Same**, diameter 1.7 mm

417217 **ZIEGLER Cotton Applicator**, twisted end, diameter 1.7 mm, length 17.5 cm

417600 **FROHN Cotton Applicator**, twisted end, length 16 cm

420000 **SIEBENMANN Gauze Applicator**, length 18 cm

423700 **REUTER Epistaxis Balloon Catheter**, sterile

426516 **JANSEN Nasal Dressing Forceps**, bayonet-shaped, length 16.5 cm

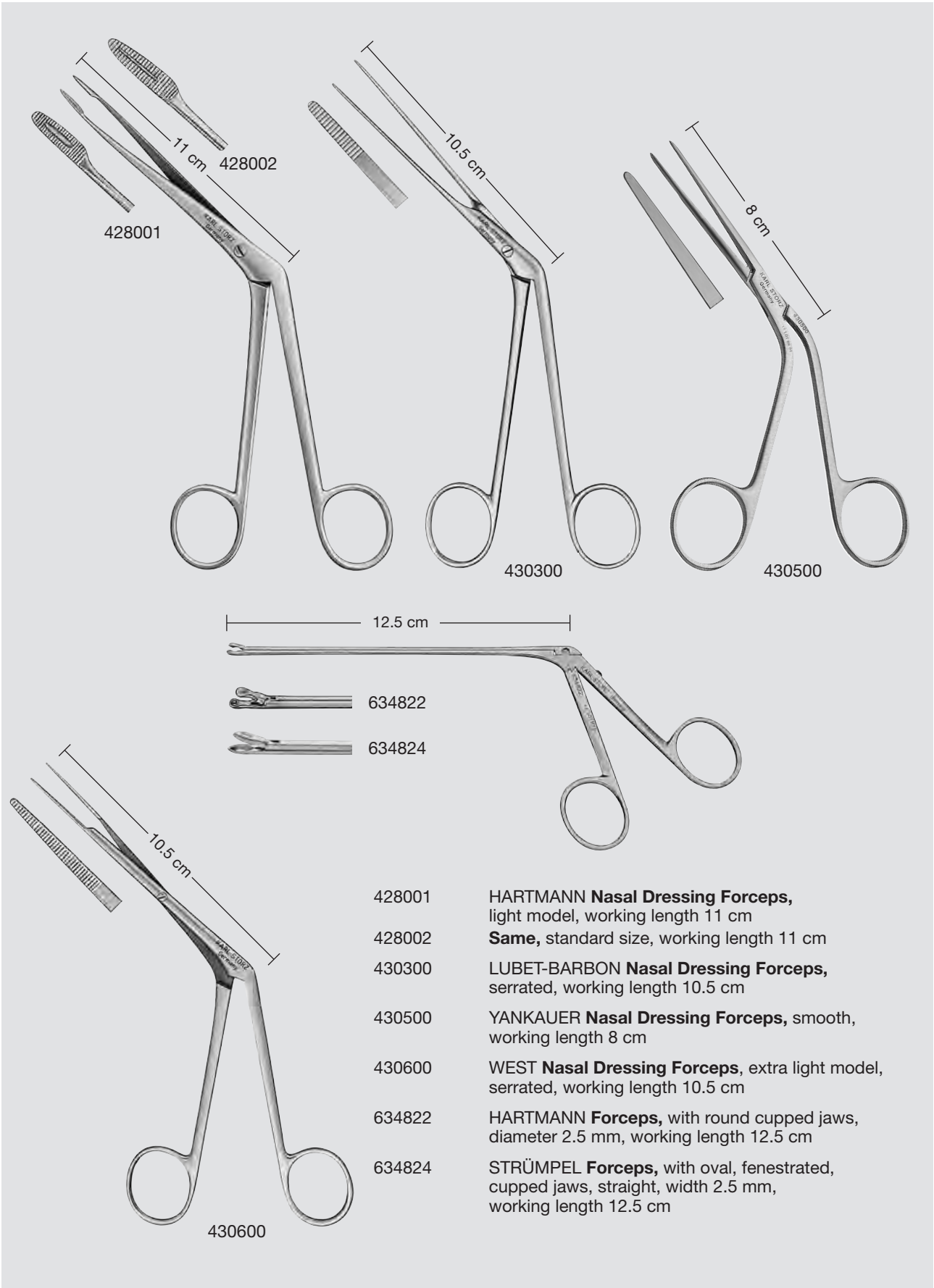
426620 **GRÜNWALD Nasal Dressing Forceps**, bayonet-shaped, length 20 cm

426900 **TRÖLTSCHE Nasal Dressing Forceps**, angular, working length 10 cm

203835 **Suction Tube**, conical, LUER, outer diameter 3.5 mm, working length 11 cm

Nose

Instruments for Rhinology and Rhinoplasty



Nose

Instruments for Rhinology and Rhinoplasty

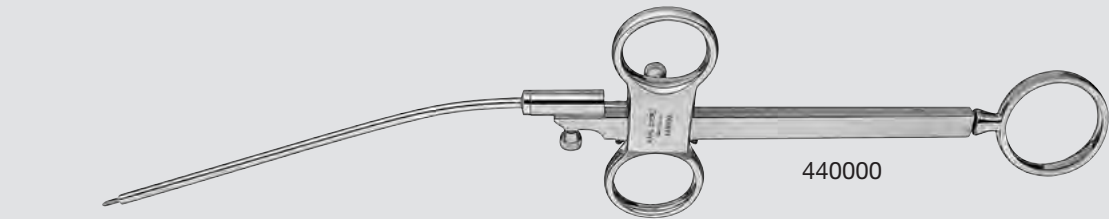


- 436610 **Nasal Atomizer**, straight, including graduated Container 10455 for local anaesthetic, for use with Rubber Bulb 437000
- 437000 **Rubber Bulb**, for Nasal Atomizer 436610, latex-free
- 437520 DE VILBIS **Nasal Atomizer**, with adjustable tip, rubber bulb and large bottle
- 437600 DE VILBIS **Nasal Atomizer**, with adjustable tip, rubber bulb, with bottle and rack
- 439200 GLATZEL **Nasal Mirror**, (CZERMAK's plate) for verification of nasal ventilation capacity, 13 x 20 cm

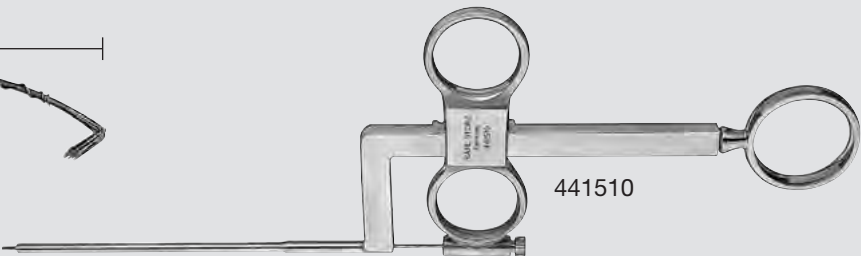
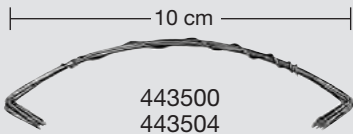
Components/Spare Parts see chapter 14

Nose

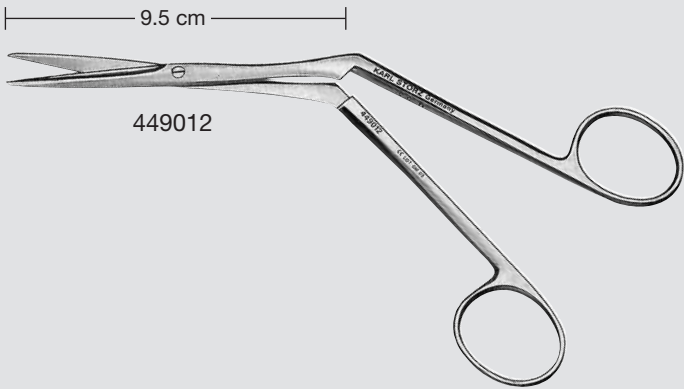
Instruments for Rhinology and Rhinoplasty



440000 KRAUSE **Nasal Snare**, length 25 cm



441510 LANGE **Nasal Snare**, bayonet-shaped, length 24 cm
443500 **Nasal Snare Wire**, for 440000 – 441510, standard size, diameter 0.3 mm, length 10 cm, package of 25
443504 **Same**, diameter 0.4 mm, package of 25



449012

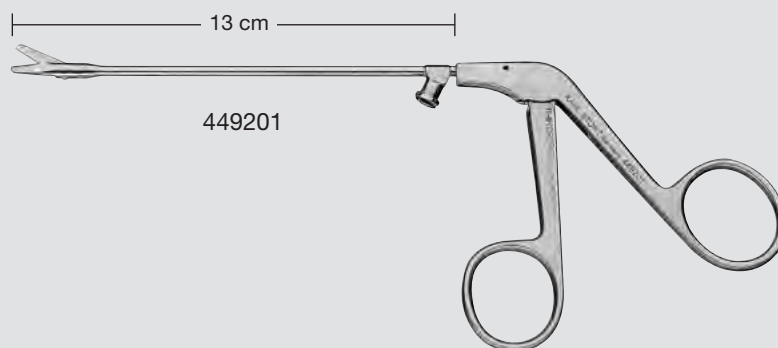


449001 HEYMANN **Nasal Scissors**, small, working length 9 cm
449001 L **Nasal Scissors**, small, curved left, working length 9 cm
449002 HEYMANN **Nasal Scissors**, medium (standard model), working length 9.5 cm
449003 HEYMANN **Nasal Scissors**, large, working length 11 cm
449012 HEYMANN **Nasal Scissors**, medium, serrated blades, working length 9.5 cm

Components/Spare Parts see chapter 14

Nose

Instruments for Rhinology and Rhinoplasty



449201



449201

RHINOFORCE® II Nasal Scissors, straight, with cleaning connector, working length 13 cm



449202

Same, curved to right



449203

Same, curved to left



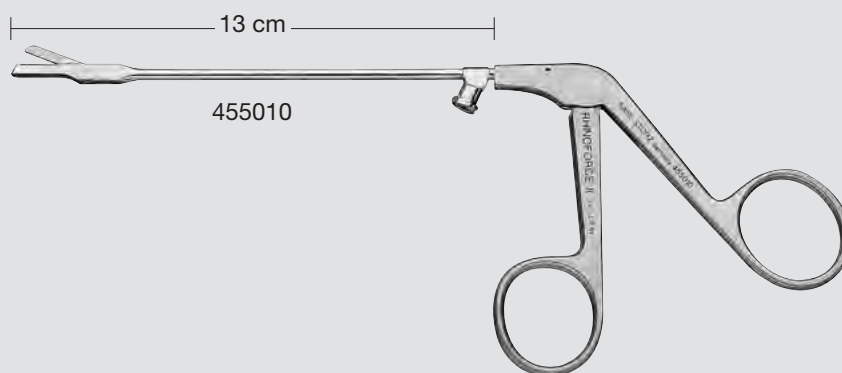
449204

RHINOFORCE® II Nasal Scissors, cutting blades curved upwards, to cut the anterior part of the middle turbinate in case of narrow nose and to prevent postoperative synechia, with cleaning connector, working length 13 cm



449205

Same, curved downwards



455010

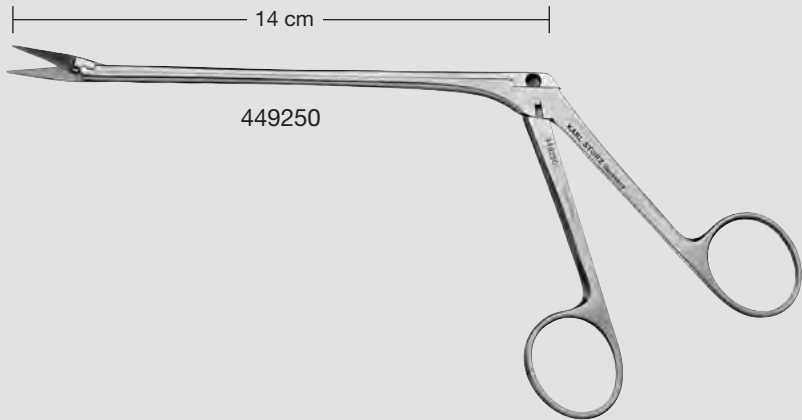


455010

STRUYCKEN RHINOFORCE® II Nasal Cutting Forceps, with cleaning connector, working length 13 cm

Nose

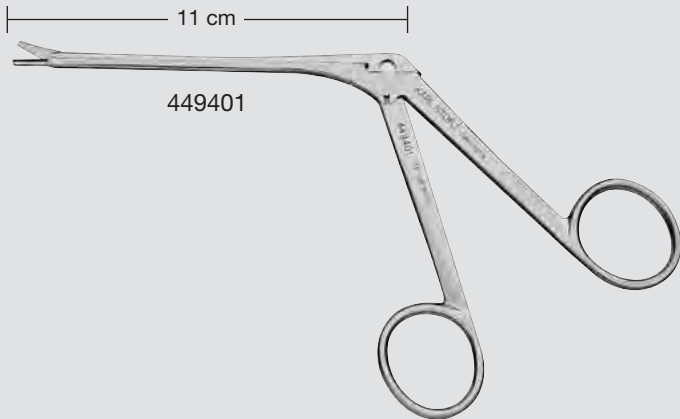
Instruments for Rhinology and Rhinoplasty



449250 **Nasal Scissors, ZÜRICH model, straight, large model, cutting length 18 mm, working length 14 cm**



449251 **Same, small model, cutting length 12 mm, working length 12 cm**



449401 **Nasal Scissors, straight, slender model, serrated, cutting length 10 mm, working length 11 cm**



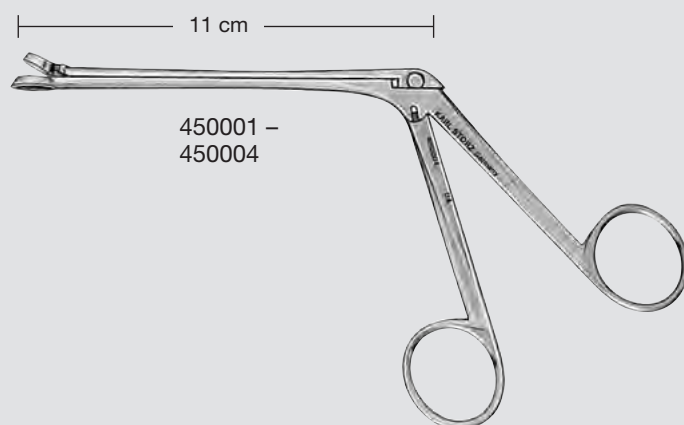
449402 **Same, curved to right**



449403 **Same, curved to left**

Nose

Instruments for Rhinology and Rhinoplasty



450001

HARTMANN Nasal Cutting Forceps,
round, size 1, working length 11 cm



450002

Same, size 2



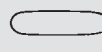
450003

Same, size 3



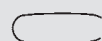
450004

Same, size 4



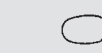
453501

GRÜNWALD-HENKE Nasal Cutting Forceps, size 1, working length 11 cm



453502

Same, size 2



453711

WATSON-WILLIAMS Nasal Cutting Forceps, 45° upturned, extra delicate, with basket, size 1, working length 13 cm



453712

Same, without basket, size 2



454001

SCHMEDEN Nasal Cutting Forceps, size 1, working length 11 cm



454002

Same, size 2

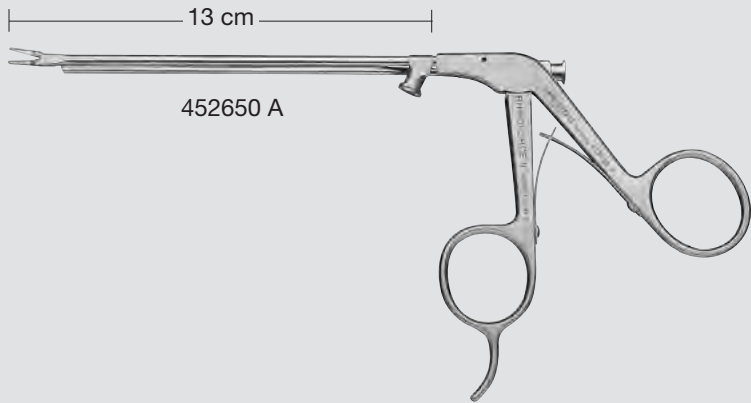


454003

Same, size 3

MONTGOMERY-YOUNGS RHINOFORCE® II Clip Applicator,
for endonasal endoscopic sphenopalatine artery ligature

Winner of the 2006
Cutler Surgical Prize



The **Cutlers' Surgical Prize** is one of the most prestigious annual awards for innovation in the design or application of surgical instruments or techniques. The prize as well as the Clarke medal are awarded by the surgical association and the president of the Royal College of Surgeons of England.



452650 A MONTGOMERY-YOUNGS **RHINOFORCE® II**
Clip Applicator, for endonasal endoscopic
sphenopalatine artery ligature, with suction
channel, handle with spring, straight, with
cleaning connector, working length 13 cm,
for use with Titanium Clips 8665 T



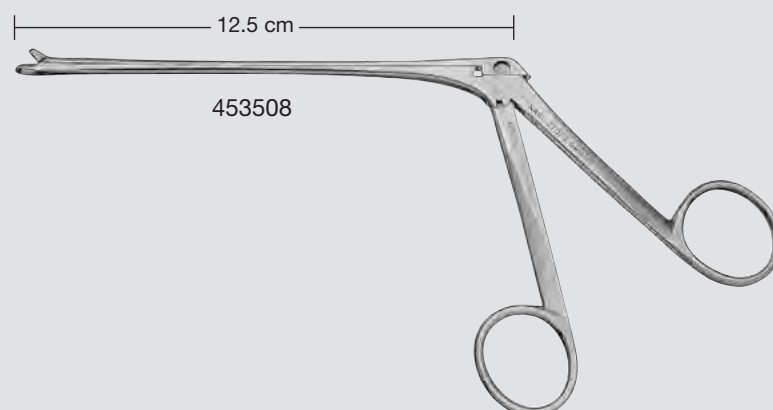
452650 C **Same**, jaws angled to the right



452650 D **Same**, jaws angled to the left

Nose

Instruments for Rhinology and Rhinoplasty



453508

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



453508 K

Same, with foreign body basket

453710

Same, 45° upturned



453509

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



453510

Same, robust model, small, bite 2.5 x 6.5 mm, working length 10.5 cm



453511

Same, robust model, large, bite 3 x 7.5 mm, working length 10.5 cm



453721

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



453722

Same, robust model, small, bite 2.5 x 6.5 mm, working length 10.5 cm



453723

Same, robust model, medium size, bite 2.75 x 6 mm, working length 10.5 cm

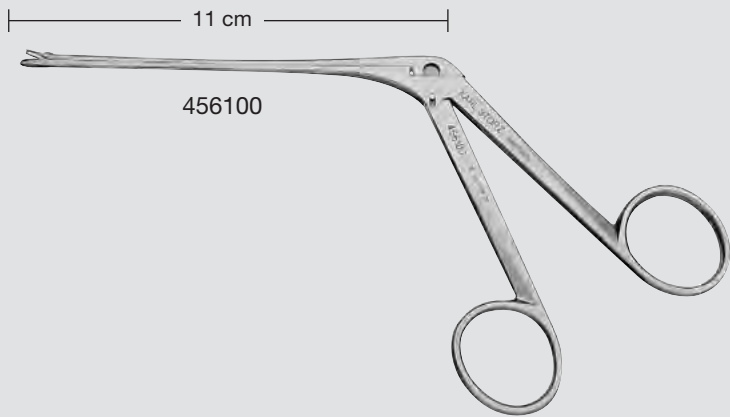


453724

Same, strong model, large, bite 3 x 8 mm, working length 10.5 cm

Nose

Instruments for Rhinology and Rhinoplasty



456100

Nasal Forceps, straight, through-cutting, tissue-sparing, BLAKESLEY shape, width 2.5 mm, working length 11 cm



456101

Same, width 3.5 mm



456102

Same, width 4.2 mm



456103

Same, width 4.8 mm



456111 R

Nasal Forceps, curved to right, through-cutting, tissue-sparing, BLAKESLEY shape, width 3.5 mm, working length 11 cm



456111 L

Same, curved to left



456120

Nasal Forceps, 45° upturned, through-cutting, tissue-sparing, BLAKESLEY shape, width 2.5 mm, working length 11 cm



456121

Same, width 3.5 mm



456122

Same, width 4.2 mm

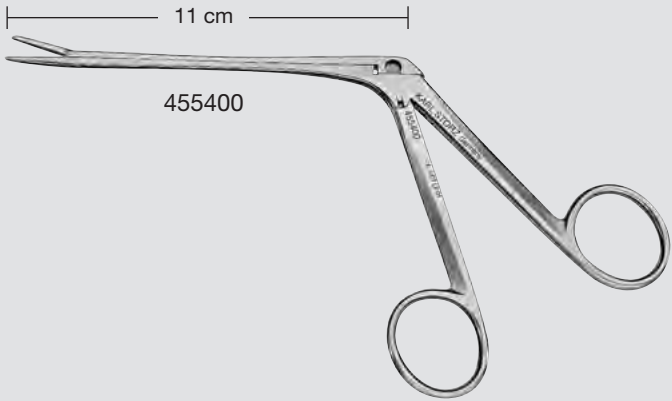


456123

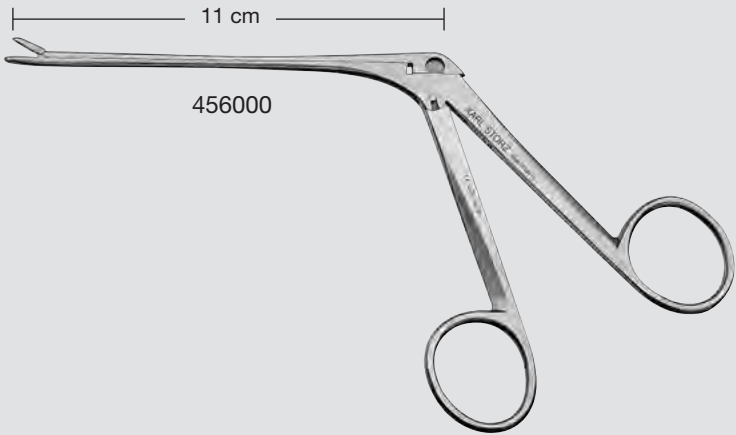
Same, width 4.8 mm

Nose

Instruments for Rhinology and Rhinoplasty



455400 NOYES-HARTMANN **Nasal Forceps**,
serrated jaws, working length 11 cm



456000 BLAKESLEY **Nasal Forceps**, straight,
size 0, working length 11 cm



456001 **Same**, size 1



456001 L **Same**, size 1, working length 15 cm



456002 BLAKESLEY **Nasal Forceps**, straight,
size 2, working length 11 cm



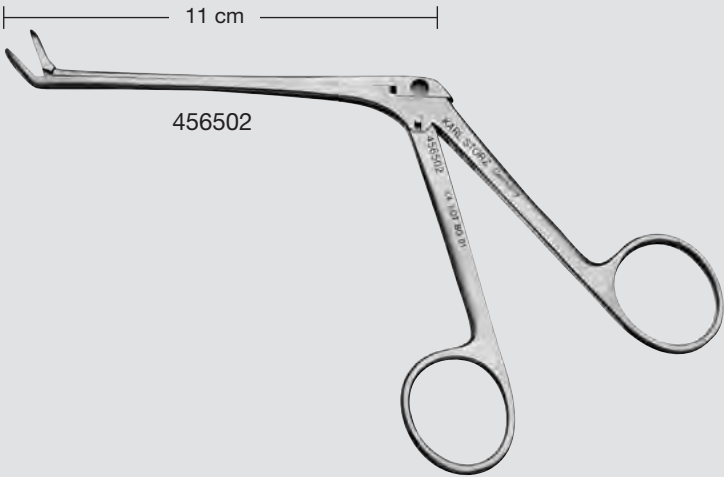
456003 **Same**, size 3



456004 **Same**, size 4

Nose

Instruments for Rhinology and Rhinoplasty



456500 **BLAKESLEY-WILDE Nasal Forceps,**
45° upturned, size 0, working length 11 cm



456501 **Same,** size 1



456502 **Same,** size 2



456503 **Same,** size 3



456504 **Same,** size 4



456801 **BLAKESLEY-WILDE Nasal Forceps,**
90° upturned, size 1, working length 11 cm



456802 **Same,** size 2



456803 **Same,** size 3



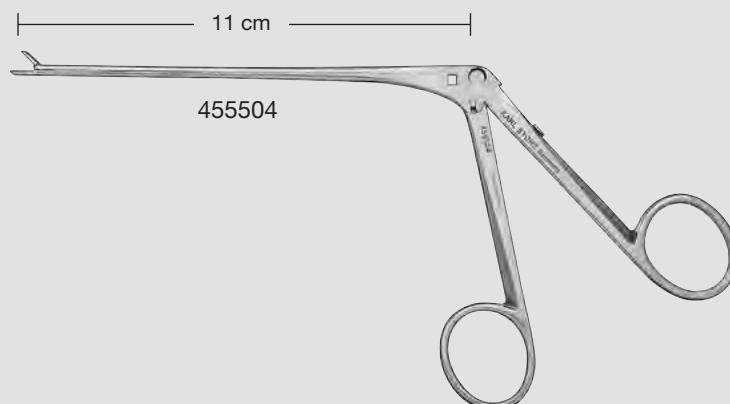
456811 **BLAKESLEY-WILDE Nasal Forceps,**
90° upturned, slender, long jaws 3.5 x 12 mm,
working length 11 cm



457720 **BLAKESLEY-WIGAND Nasal Forceps,**
60° upturned, long jaws 6 x 20 mm,
rounded tips, for grasping polyps and
adenoid rests, working length 11 cm

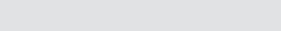
Nose

Instruments for Rhinology and Rhinoplasty



455500

TAKAHASHI Nasal Forceps, straight,
working length 9.5 cm



455500 L

TAKAHASHI Nasal Forceps, straight,
diameter 3 mm, working length 15 cm



455504

TAKAHASHI Nasal Forceps, straight,
delicate, working length 12.5 cm



457500

WATSON-WILLIAMS Nasal Forceps,
45° upturned, working length 10 cm



457505

WATSON-WILLIAMS Nasal Forceps,
45° upturned, delicate, oval cupped jaws,
working length 12.5 cm



457700

TAKAHASHI Nasal Forceps, 30° upturned,
cupped jaws 9 x 2.5 mm, working length 10 cm



457711

KAMEL Nasal Forceps, 45° upturned,
cupped jaws 12 x 4 mm, working length 11 cm



457712

Same, cupped jaws 20 x 4 mm



457820

Nasal Forceps, 90° upturned, with fenestrated
spoon jaws, 20 x 4 mm, working length 11 cm



458000

WATSON-WILLIAMS Nasal Forceps, straight,
with serrated jaws, working length 11 cm

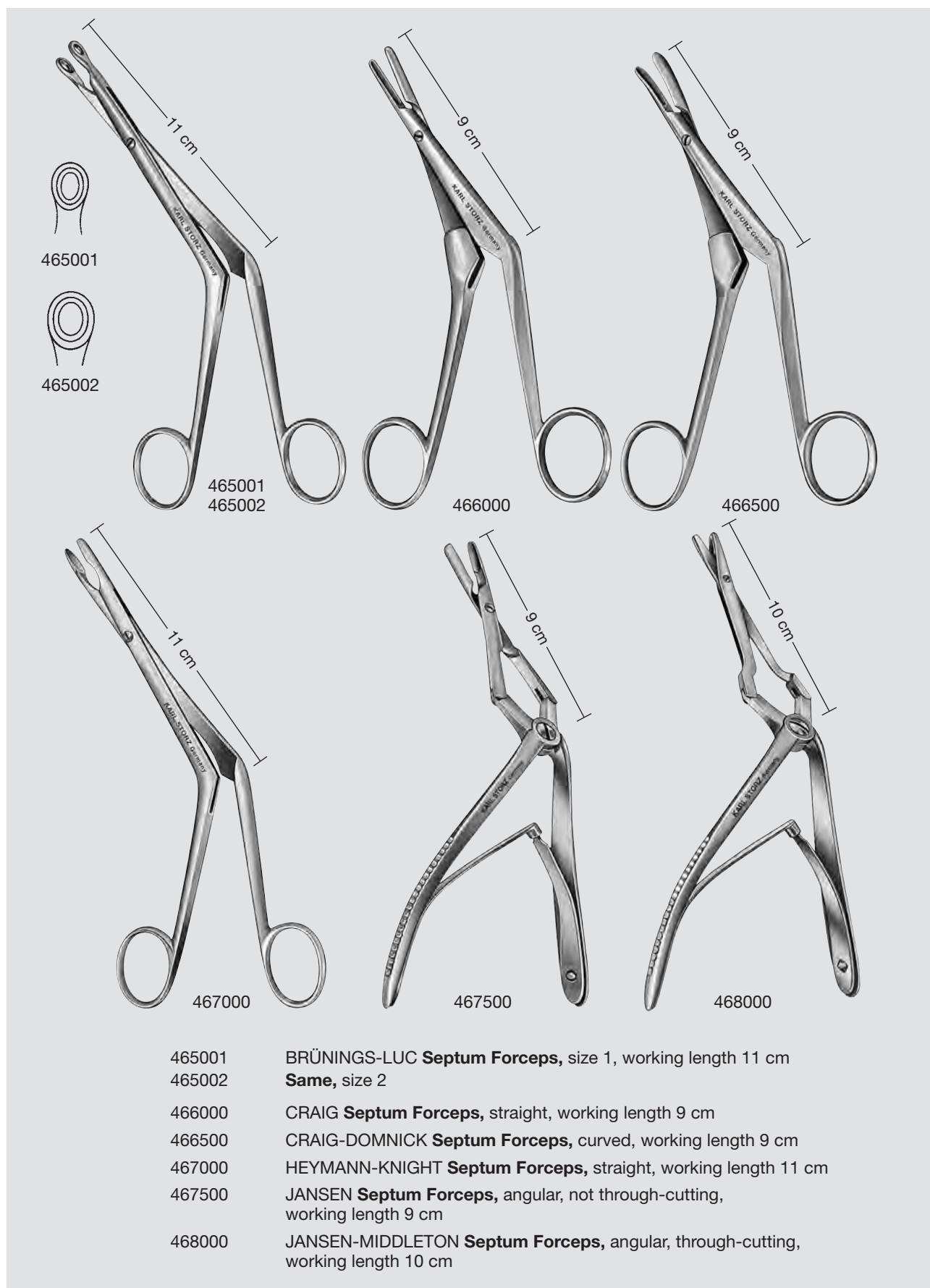


489045

FERRIS-SMITH Nasal Forceps, serrated,
working length 11 cm

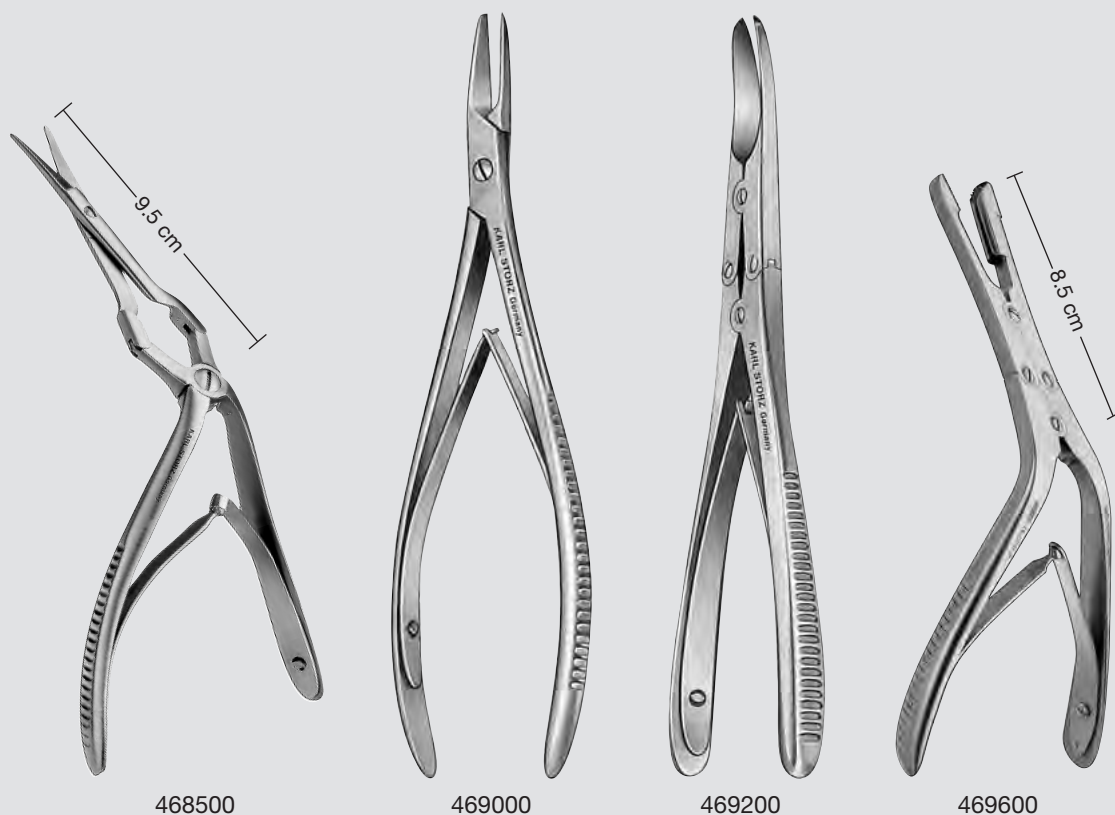
Nose

Instruments for Rhinology and Rhinoplasty



Nose

Instruments for Rhinology and Rhinoplasty



468500

469000

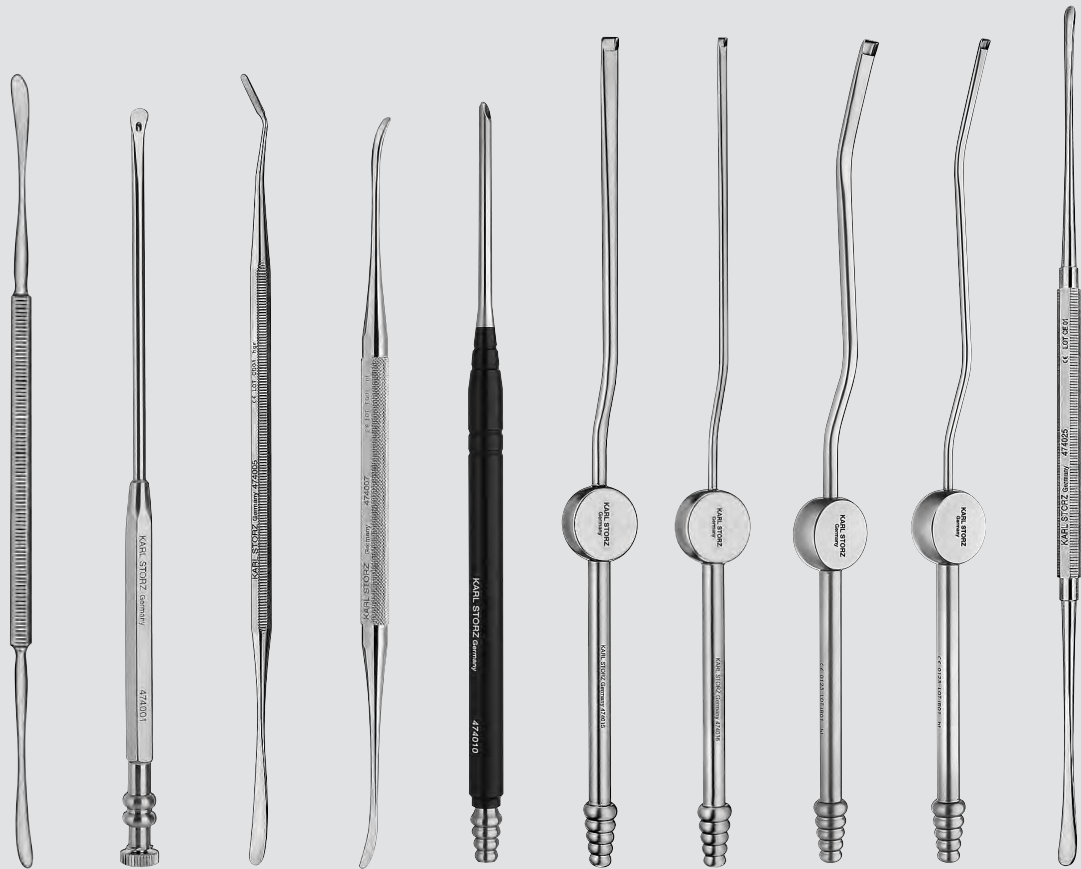
469200

469600

- | | |
|--------|--|
| 468500 | BECKER-CAPLAN Septum Scissors , double action jaws, serrated, working length 9.5 cm |
| 469000 | KAZANJIAN Nasal Hump Forceps , length 20 cm |
| 469200 | ROWLAND-MEYER Nasal Hump Forceps , double action jaws, curved blades, length 20 cm |
| 469600 | RUBIN Septum Morcelizer , with double joint, working length 8.5 cm |

Nose

Instruments for Rhinology and Rhinoplasty



474000 474001 474005 474007 474010 474015 474016 474017 474018 474025

- 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
- NEW** 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
- NEW** 474018 **Same**, 3 x 1.8 mm
- 474025 **Elevator**, double-ended, both sides sharp, length 22 cm

3-071

Nose

Instruments for Rhinology and Rhinoplasty



474200



474205



474210



474519

474200

FREER-JOSEPH **Elevator**, double-ended, slender, semisharp and sharp, length 20 cm

474205

FREER-WEBER **Elevator**, double-ended, one side slightly curved FREER elevator, semisharp, other side strongly curved, sharp, length 19 cm

474210

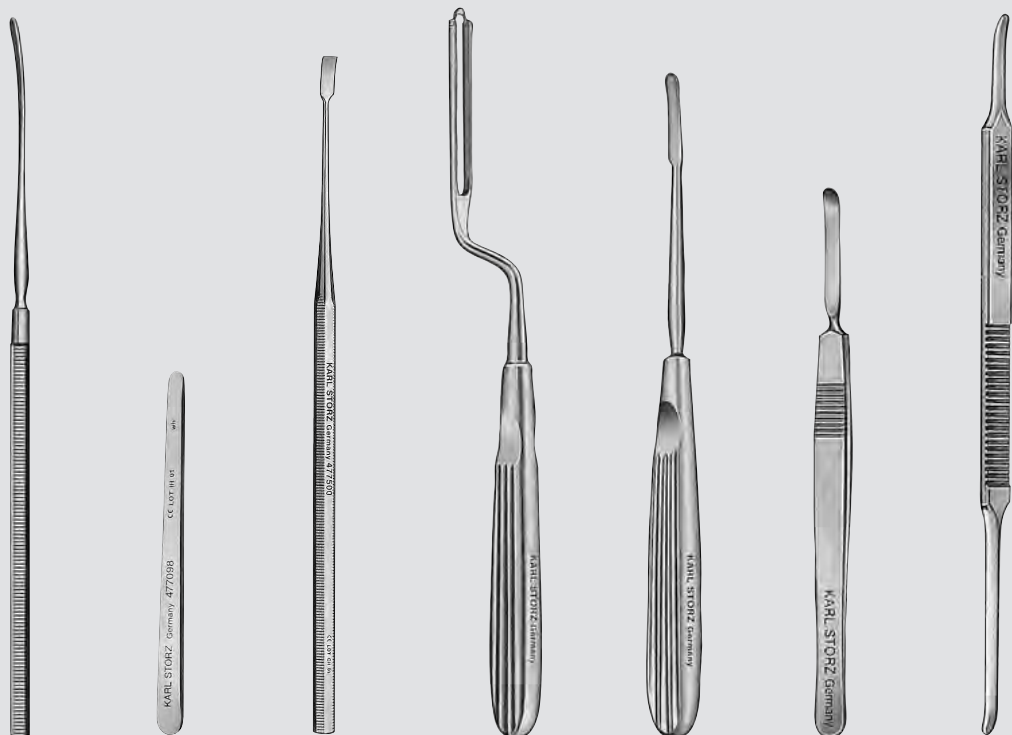
HOWARTH **Elevator**, double-ended, sharp and blunt, length 21 cm

474519

KILLIAN **Elevator**, double-ended, standard model, sharp and blunt, length 19 cm

Nose

Instruments for Rhinology and Rhinoplasty



477004

477098

477500

477703
477704

478000

478303 –
478305

478400

477004 HALLE **Elevator**, blunt, width 4 mm, length 19 cm

477098 **Ala Dilator**, for preparation and cutting of nostril cartilage, graduated, width 5 x 8 mm, length 9.5 cm

477500 FREER **Raspatory**, curved, width 4 mm, length 18 cm

477703 BALLENGER **Swivel Knife**, bayonet-shaped, width 3 mm, length 19.5 cm

477704 **Same**, width 4 mm

478000 JOSEPH **Elevator**, slightly curved, length 17.5 cm

478303 McKENTY **Elevator**, width 3 mm, length 14.5 cm

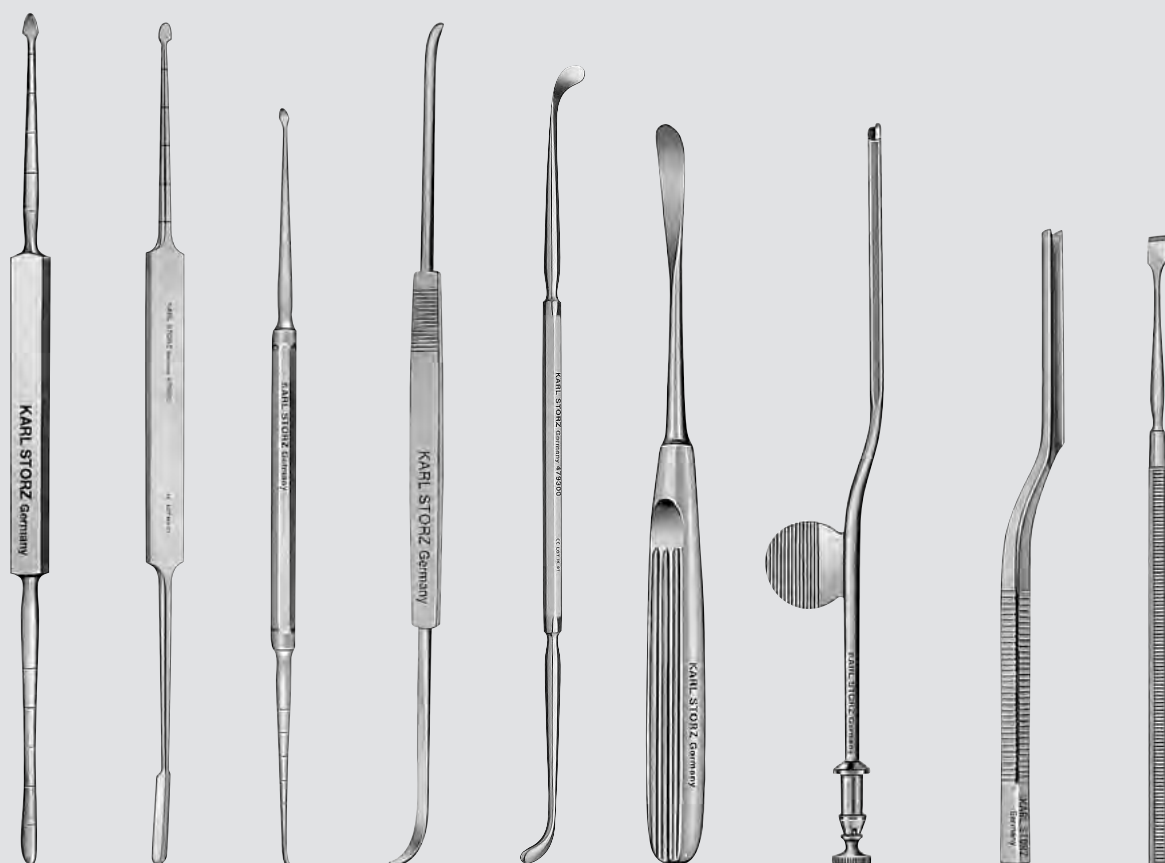
478304 **Same**, width 4 mm

478305 **Same**, width 5 mm

478400 McKENTY **Elevator**, double-ended, width 4.5 and 5 mm, length 19 cm

Nose

Instruments for Rhinology and Rhinoplasty



479000 479010 479100 479200 479300 479408 479800 480000 480800

- 479000 MASING **Elevator**, double-ended, graduated, sharp and blunt, length 22.5 cm
- NEW** 479010 FULEIHAN **Elevator**, double-ended, one end JOSEPH elevator, other end sharp, graduated, length 22.5 cm
- 479100 COTTLE **Elevator**, double-ended, semisharp and blunt, graduated, length 20 cm
- 479200 COTTLE **Elevator**, double-ended, for tunneling, length 22.5 cm
- 479300 PENNINGTON **Elevator**, double-ended, curved to the right and left, length 21 cm
- 479408 COTTLE **Raspatory**, slightly curved, width 8 mm, length 19.5 cm
- 479800 **Suction Raspatory**, with stylet, length 19.5 cm
- 480000 KILLIAN-CLAUS **Septum Chisel**, V-shaped cutting edge, length 16.5 cm
- 480800 FREER **Septum Chisel**, straight, length 16.5 cm

Nose

Instruments for Rhinology and Rhinoplasty

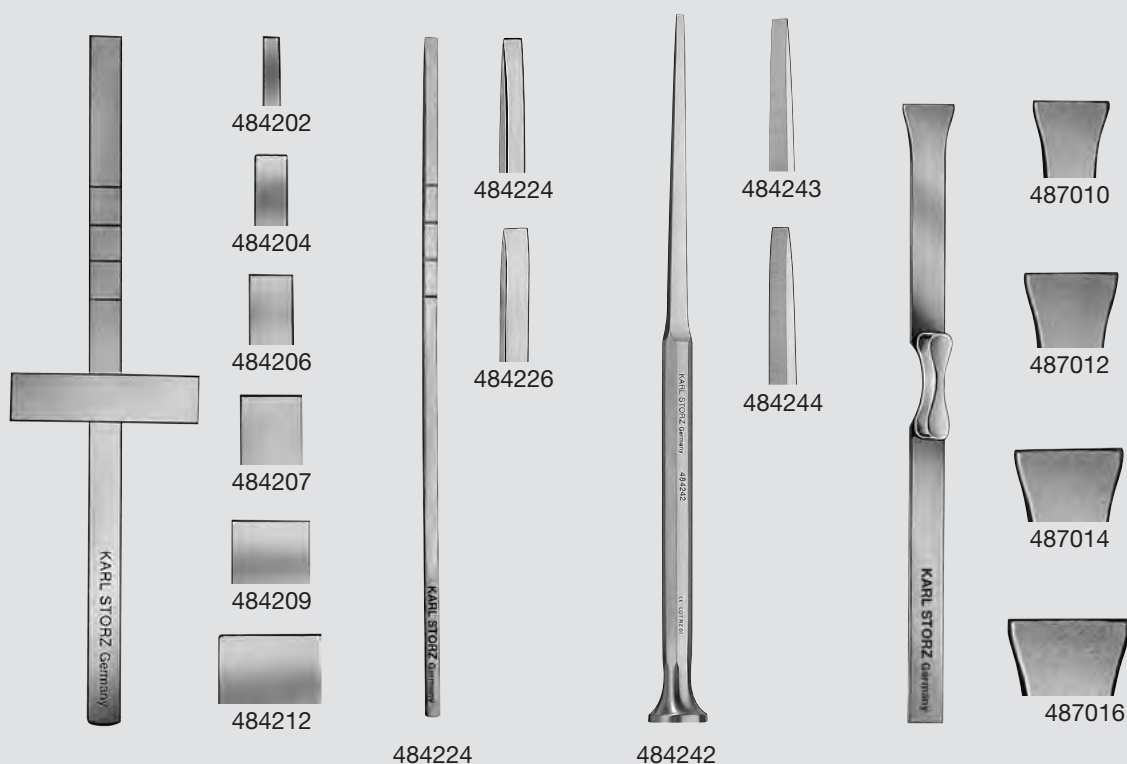


- 174200 COTTLE **Metal Mallet**, length 18 cm
- 174420 **Metal Mallet**, small model, diameter 20 mm, length 19.5 cm
- 174426 **Metal Mallet**, medium model, diameter 26 mm, length 19.5 cm
- 174430 **Metal Mallet**, large model, diameter 30 mm, length 19.5 cm
- 174700 **Metal Mallet**, with NYLON replacement, small, lightweight model, length 18 cm
- 174800 **Metal Mallet**, with NYLON replacement, length 22.5 cm
- 484003 COTTLE **Chisel**, flat, graduated, straight, width 3 mm, length 18.5 cm
- 484004 **Same**, width 4 mm
- 484006 **Same**, width 6 mm
- 484007 **Same**, width 7 mm
- 484009 **Same**, width 9 mm
- 484012 **Same**, width 12 mm
- 484106 COTTLE **Chisel**, flat, graduated, curved, width 6 mm, length 18.5 cm

Components/Spare Parts see chapter 14

Nose

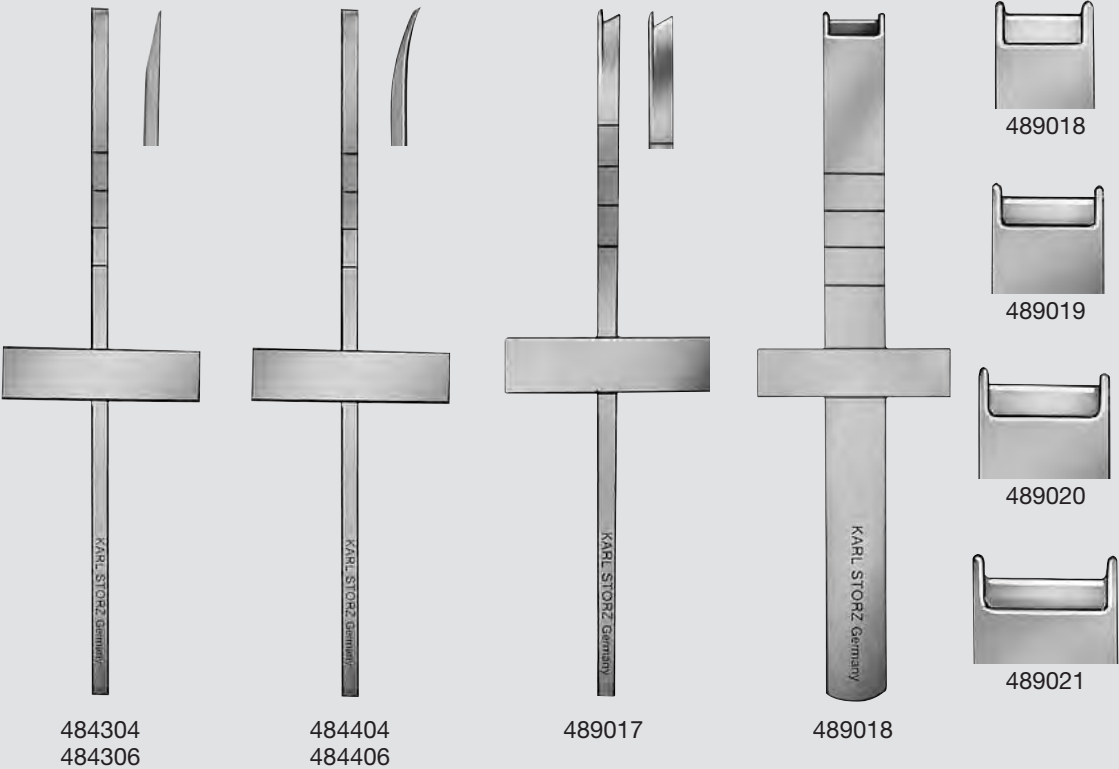
Instruments for Rhinology and Rhinoplasty



- 484202 COTTLE **Crossbar Osteotome**, graduated, double-edged grinding, straight, width 2 mm, length 18.5 cm
- 484204 **Same**, width 4 mm
- 484206 **Same**, width 6 mm
- 484207 **Same**, width 7 mm
- 484209 **Same**, width 9 mm
- 484212 **Same**, width 12 mm
- 484224 COTTLE **Crossbar Osteotome**, graduated, double-edged grinding, straight, width 4 mm, length 18.5 cm
- 484226 **Same**, width 6 mm
- NEW** 484242 **Osteotome**, double-edged grinding, straight, width 2 mm, length 19 cm
- NEW** 484243 **Same**, width 3 mm
- NEW** 484244 **Same**, width 4 mm
- 487010 RUBIN **Osteotome**, flat, straight, double-edged grinding, rounded corners, with finger grip stabilizer, width 10 mm, length 16.5 cm
- 487012 **Same**, width 12 mm
- 487014 **Same**, width 14 mm
- 487016 **Same**, width 16 mm

Nose

Instruments for Rhinology and Rhinoplasty



- 484304

COTTLE **Crossbar Chisel**, graduated, single-edged grinding, straight, width 4 mm, length 18.5 cm
- 484306

Same, width 6 mm
- 484404

COTTLE **Crossbar Chisel**, graduated, single-edged grinding, curved, width 4 mm, length 18.5 cm
- 484406

Same, width 6 mm
- 489017

COTTLE **Crossbar Osteotome**, graduated, double-edged grinding, with guard, width 5 mm, length 18.5 cm
- 489018

COTTLE **Crossbar Osteotome**, graduated, double-edged grinding, double-guarded, width of cut 10 mm, length 18.5 cm
- 489019

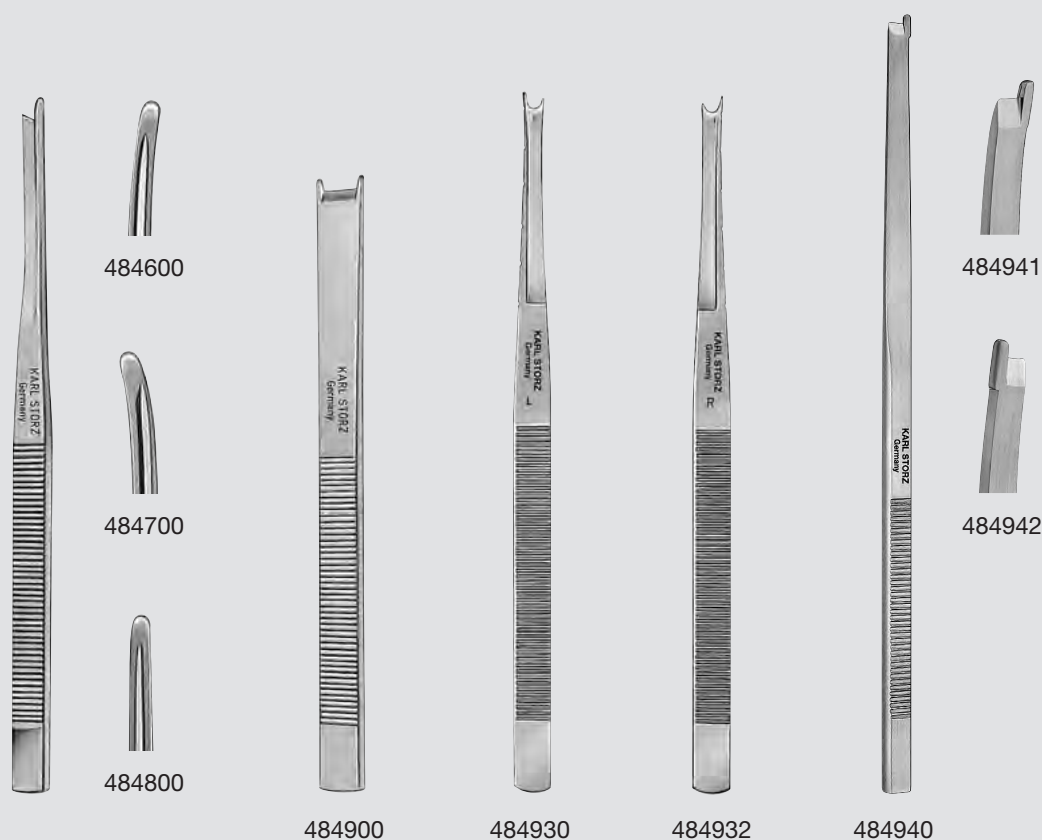
Same, width of cut 12 mm
- 489020

Same, width of cut 14 mm
- 489021

Same, width of cut 16 mm

Nose

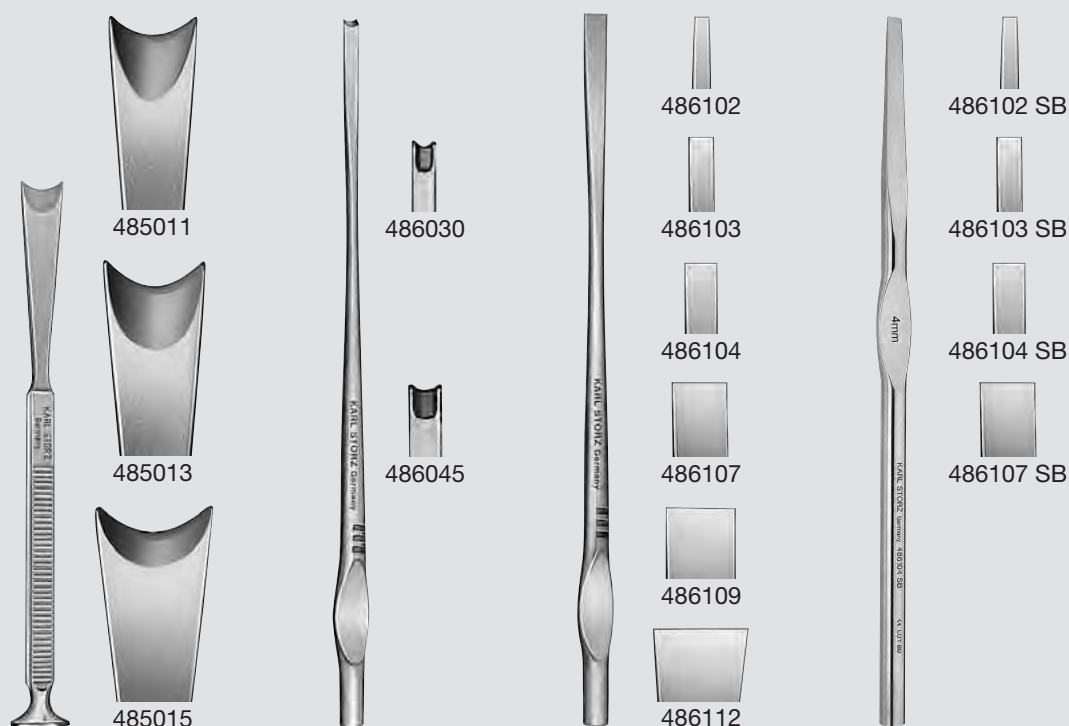
Instruments for Rhinology and Rhinoplasty



- 484600 MASING **Chisel**, slightly curved, with rounded guard right side, length 18 cm
- 484700 **Same**, on left
- 484800 **Same**, straight
- 484900 MASING **Chisel**, straight, double-guarded, width of cut 10 mm, length 16 cm
- 484930 GUASTELLA-EY **Osteotome**, for lateral osteotomy, with medial rounded guard to protect tissue, concave polishing to prevent slipping, graduated, slightly curved, lateral guard left, length 18 cm
- 484932 **Same**, guard right
- 484940 **Osteotome**, with small guard, straight, length 20 cm
- 484941 **Same**, right
- 484942 **Same**, left

Nose

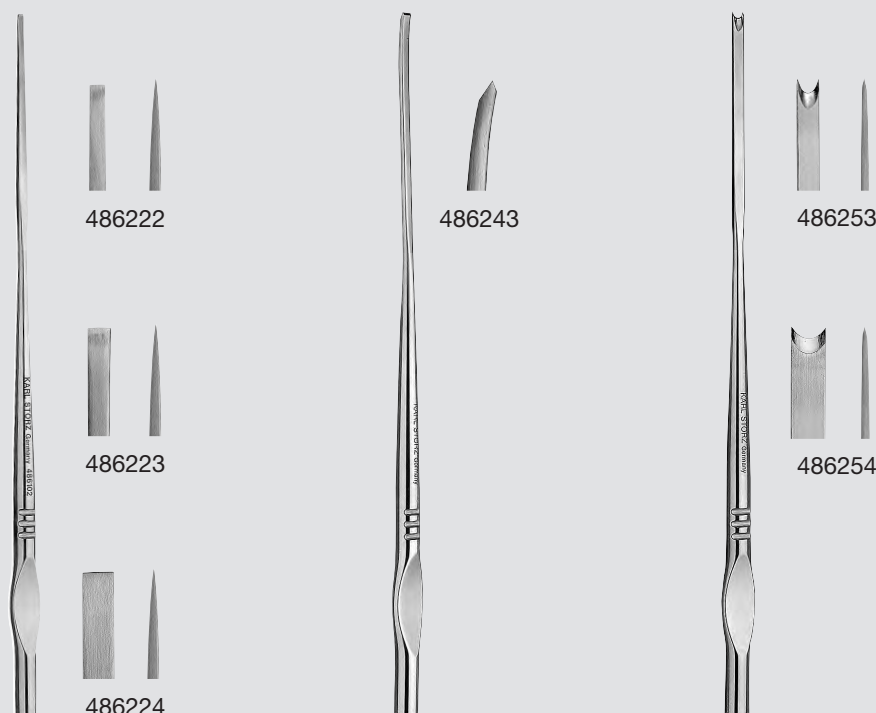
Instruments for Rhinology and Rhinoplasty



- | | |
|-----------|--|
| 485011 | McINDOE Chisel , hollow, width 11 mm, length 14.5 cm |
| 485013 | Same , width 13 mm |
| 485015 | Same , width 15 mm |
| 486030 | WALTER Gouge , hollow, width 3 mm, length 19 cm |
| 486045 | Same , width 4.5 mm |
| 486102 | WALTER Osteotome , flat, double-edged grinding, width 2 mm, length 19 cm |
| 486103 | Same , width 3 mm |
| 486104 | Same , width 4 mm |
| 486107 | Same , width 7 mm |
| 486109 | Same , width 9 mm |
| 486112 | Same , width 12 mm |
| 486102 SB | Osteotome , flat, double-edged grinding, with enlarged distal finger grip plate, width 2 mm, length 19 cm |
| 486103 SB | Same , width 3 mm |
| 486104 SB | Same , width 4 mm |
| 486107 SB | Same , width 7 mm |

Nose

Instruments for Rhinology and Rhinoplasty



- 486222 BEHRBOHM-WALTER **Micro Osteotome**, extra delicate, long flat blade, double-edged grinding, with round ergonomic handle and finger grip plate, width 2 mm, length 19 cm
- 486223 **Same**, width 3 mm
- 486224 **Same**, width 4 mm
- 486243 BEHRBOHM-WALTER **Micro Osteotome**, curved, extra delicate, with special double cut, with round ergonomic handle and finger grip plate, width 3 mm, length 19 cm
- 486253 BEHRBOHM-WALTER **Double Concave Hollow Osteotome**, extra delicate, with special double-edged grinding, double-guarded, with round ergonomic handle and finger grip plate, width 3 mm, length 19 cm
- 486254 **Same**, width 4.5 mm

Nose

Instruments for Rhinology and Rhinoplasty



492900



493000



494500



496800
496801

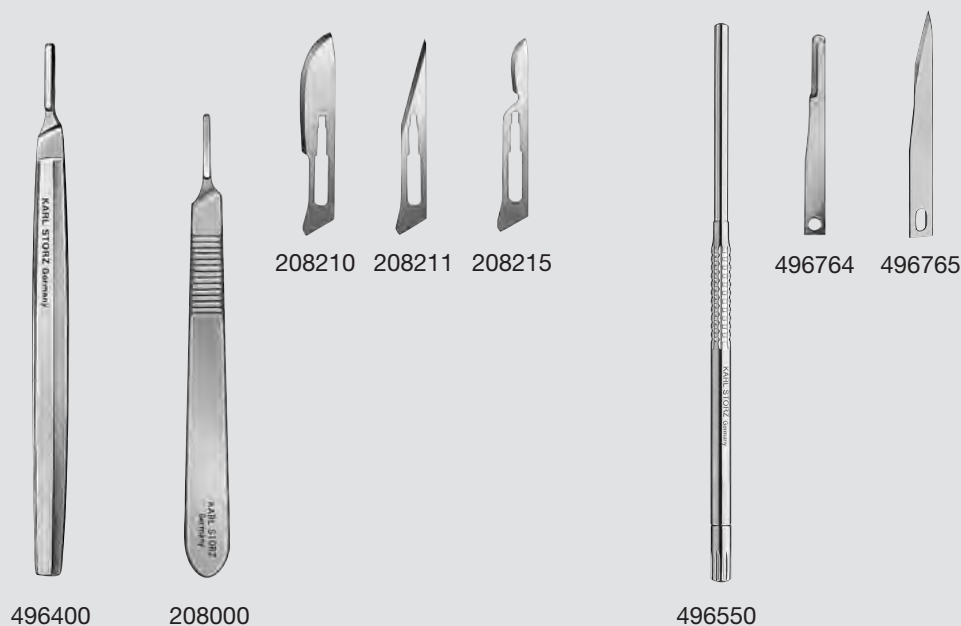


496900

- 492900 **FREER Rounded-Edge Nasal Knife**, length 16.5 cm
- 493000 **COTTLE Nasal Knife**, rounded edge, length 14 cm
- 494500 **JOSEPH Knife**, curved, backward cutting, double beveled, length 15 cm
- 496800 **Nasal Knife**, curved, roundly tipped blade, width 4.5 mm, length 13.5 cm
- 496801 **Same**, straight
- 496900 **MASING Nasal Knife**, curved, roundly tipped blade, length 14 cm

Nose

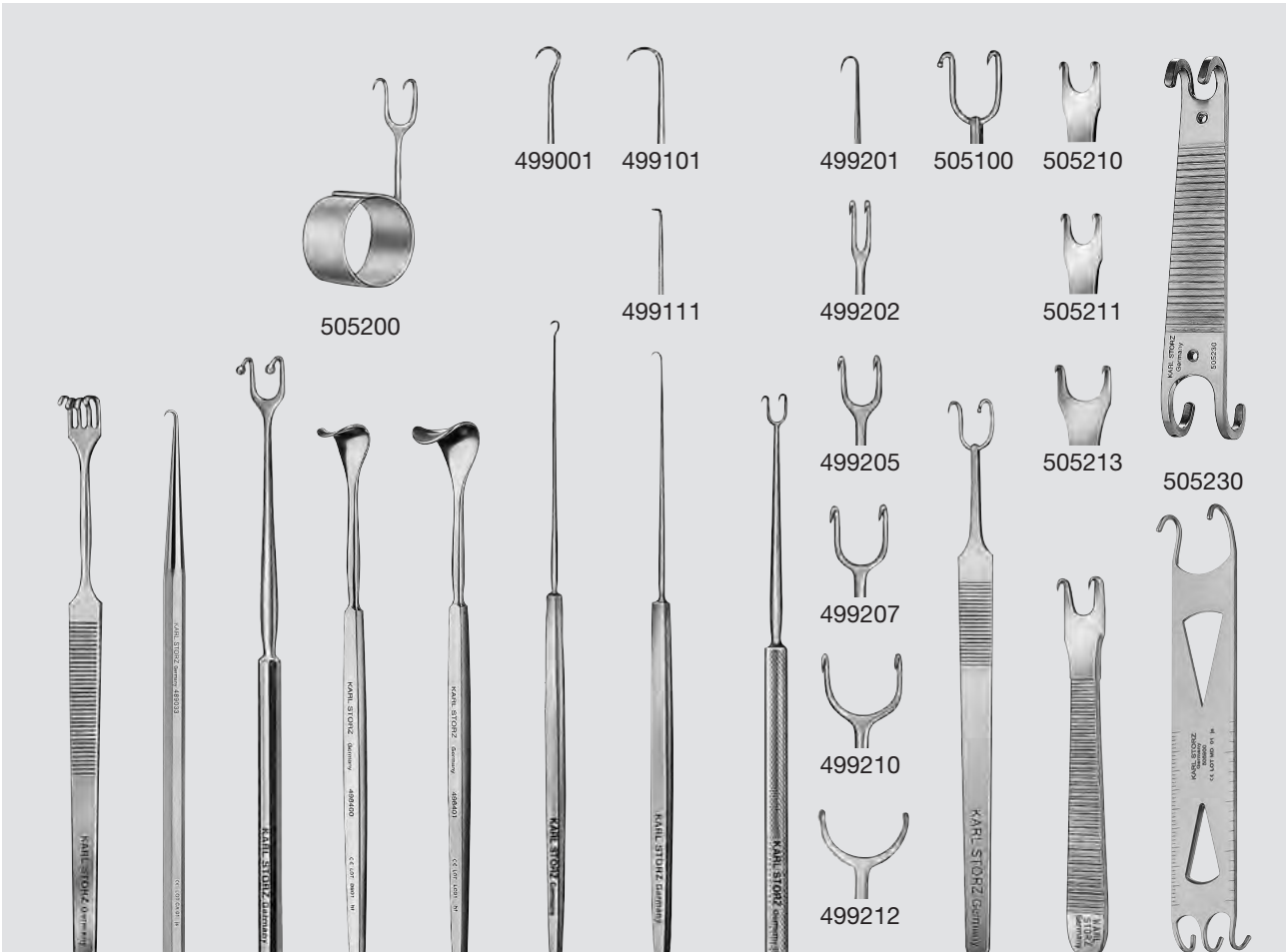
Instruments for Rhinology and Rhinoplasty



- | | |
|-------------------|---|
| 496400 | MASING Surgical Handle , length 14 cm,
for Blades 208010 – 15, 208210 – 15 |
| 208000 | Surgical Handle , Fig. 3, length 12.5 cm,
for Blades 208010 – 15, 208210 – 15 |
| 208210 | Blade , Fig. 10, sterile, package of 100 |
| 208211 | Same , Fig. 11 |
| 208215 | Same , Fig. 15 |
| NEW 496550 | Surgical Handle , for miniature blades, round,
length 16.5 cm, for Blades 496764 – 65 |
| 496764 | Miniature Blade , Fig. 64, round, sterile,
package of 24 |
| 496765 | Same , Fig. 65, pointed |

Nose

Instruments for Rhinology and Rhinoplasty

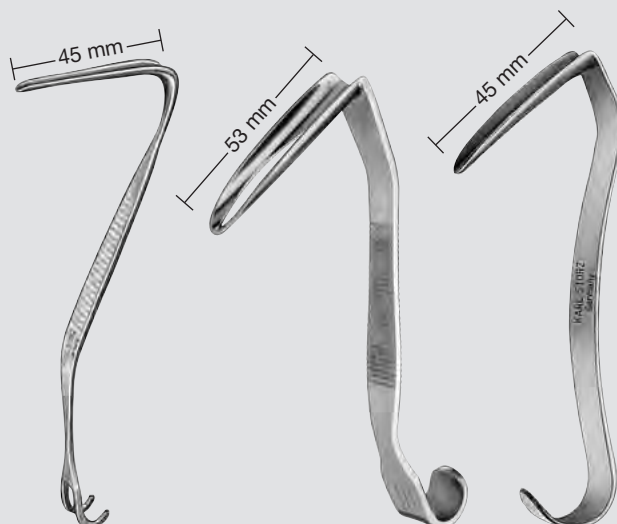
			
489028	489033	489000	
489400	489401	499001	
499111	499101	499201 – 499212	
505000	505210 – 505100	505210 – 505213	
505200	505210	505213	
505230	505230	505900	
489028	COTTLE Retractor , with 4 prongs, blunt, length 15 cm	505000	COTTLE Retractor , two prongs, sharp prong on left, blunt prong on right, width 10 mm, length 14.5 cm
489033	Hook , single, robust version, curved 180°, length 14 cm	505100	Same , sharp prong on right, blunt prong on left
498000	JOSEPH Retractor , length 15.5 cm	505200	COTTLE Retractor , two prongs, sharp, with thimble, width 10 mm, length 5.5 cm
498400	COTTLE Retractor , narrow (standard model), length 14 cm	505210	KILNER Ala Retractor , two prongs, sharp, width 10 mm, length 8.5 cm
498401	COTTLE Retractor , wide, length 14 cm	505211	Same , blunt
499001	KILNER-GILLIES Hook , one prong, small curve, length 17 cm	505213	KILNER Ala Retractor , two prongs, sharp, width 13 mm, length 8.5 cm
499101	Hook , one prong, large curve, length 16.5 cm	505230	HARALDSSON Double Hook , two prongs, blunt, width 10 and 14 mm, length 8 cm
499111	Hook , one prong, angled 90°, length 16.5 cm	505900	FULEIHAN Double Retractor , two and three prongs, blunt, with special cut-offs and scale, length 10 cm
499201	JOSEPH Hook , one prong, sharp, large curve, length 15 cm		
499202	JOSEPH Double Hook , sharp, width 2 mm, length 15 cm		
499205	Same , width 5 mm		
499207	Same , width 7 mm		
499210	Same , width 10 mm		
499212	Same , width 12 mm		

Nose

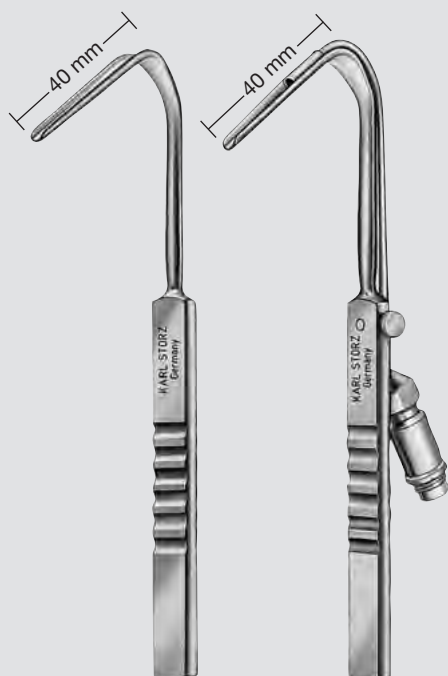
Instruments for Rhinology and Rhinoplasty



505600 505610 505700 505800 505805
505806



506000 506010 506020



506400 506496 506496

- 505600 SENN **Retractor**, double-ended, blunt, length 15 cm
- 505610 SENN-MÜLLER **Retractor**, double-ended, one side with 3 sharp prongs, other side with blunt blade, length 16 cm
- 505700 COTTLE **Knife Guide and Retractor**, one side with two-pronged nostril retractor, other side with flat retractor, with duct for guide of cut, length 19 cm
- 505800 NEIVERT **Knife Guide and Retractor**, made of wire, one side with nostril retractor, other side with flat retractor, length 18 cm
- 505805 RETTINGER-NEIVERT **Knife Guide and Retractor**, made of wire, one side with nostril retractor, width 13 mm, other side with flat retractor, with duct for guide of cut, length 18 cm
- 505806 **Same**, width 17 mm
- 506000 WALTER **Nasal Retractor**, double-ended, one side with retractor, width of retractor blade 12 mm, length of retractor blade 45 mm, other side with two pronged retractor for nasal wings, length 12.5 cm
- 506010 FULEIHAN **Nasal Retractor**, blade oval fenestrated, width of retractor blade 12 mm, length of retractor blade 53 mm, length 10 cm
- 506020 RETTINGER **Nasal Retractor**, width of retractor blade 11.5 mm, length of retractor blade 45 mm, with flat handle, length 10 cm
- 506400 AUFRICHT **Nasal Retractor**, width of retractor blade 8 mm, length of retractor blade 40 mm, length 16.5 cm
- 506496 **Same**, with fiber optic light carrier

Components/Spare Parts see chapter 14

“The Diamond Standard®” Scissors

Special Features:

- Scissors with ultimate cutting quality
- Very fine-toothed upper blade prevents slipping of cut material
- Razor-sharp lower blade ensures easy and efficient cutting
- Color code: one gold-plated handle ring
- Some models are available with tungsten carbide inserts, color code: one black handle ring, one gold-plated handle ring

Scissors with titanium nitride coating

Special Features:

- Enhanced gliding properties
- Increased tool life
- More durable surface
- Color code: copper
- Some models are available with tungsten carbide inserts



- 449002 DS HEYMANN **Nasal Scissors**, medium size (standard model), working length 9.5 cm, color code: one gold-plated handle ring
- 511010 DS **Scissors**, extra delicate, straight, sharp/sharp, length 10.5 cm, color code: one gold-plated handle ring
- 511010 DST **Same**, with titanium nitride coating, color code: copper
- 511210 DS **Scissors**, extra delicate, curved, sharp/sharp, length 10.5 cm, color code: one gold-plated handle ring
- 511210 DST **Same**, with titanium nitride coating, color code: copper

- 511414 DS JOSEPH **Scissors**, curved, length 14 cm, color code: one gold-plated handle ring
- 511414 DST **Same**, with titanium nitride coating, color code: copper
- 511514 DS METZENBAUM **Scissors**, curved, length 14.5 cm, color code: one gold-plated handle ring
- 511514 DST **Same**, with titanium nitride coating, color code: copper
- 511812 DST KILNER **Scissors**, with tungsten carbide inserts, curved, flat end, with titanium nitride coating, length 12.5 cm, color code: copper

Nose

Instruments for Rhinology and Rhinoplasty



- 512310 DS **Scissors**, with tungsten carbide inserts, straight, sharp/sharp, length 11.5 cm, color code: one black handle ring, one gold-plated handle ring
- 512311 DS **Same**, curved
- 512311 DST **Same**, curved, with titanium nitride coating, color code: copper
- 512511 DS **Scissors**, with tungsten carbide inserts, curved, blunt/blunt, extra fine, length 11 cm, color code: one black handle ring, one gold-plated handle ring
- 512614 DS **METZENBAUM Scissors**, with tungsten carbide inserts, curved, length 14.5 cm, color code: one black handle ring, one gold-plated handle ring
- 512614 DST **Same**, with titanium nitride coating, color code: copper
- 512618 DS **METZENBAUM Scissors**, with tungsten carbide inserts, curved, length 18 cm, color code: one black handle ring, one gold-plated handle ring
- 512618 DST **Same**, with titanium nitride coating, color code: copper

- 512718 DS **METZENBAUM Scissors**, robust, with tungsten carbide inserts, curved, length 18 cm, color code: one black handle ring, one gold-plated handle ring
- 513200 DS **WALTER Angular Scissors**, length 10 cm, color code: one gold-plated handle ring
- 513200 DST **Same**, with titanium nitride coating, color code: copper
- 513410 DS **COTTLE Scissors**, curved, length 10.5 cm, color code: one gold-plated handle ring
- 513410 DST **Same**, with titanium nitride coating, color code: copper
- 513512 DS **Scissors**, sharp/sharp, length 12 cm, color code: one gold-plated handle ring
- 513700 DS **FOMON Scissors**, curved surface, slender, working length 6.5 cm, color code: one gold-plated handle ring

Nose

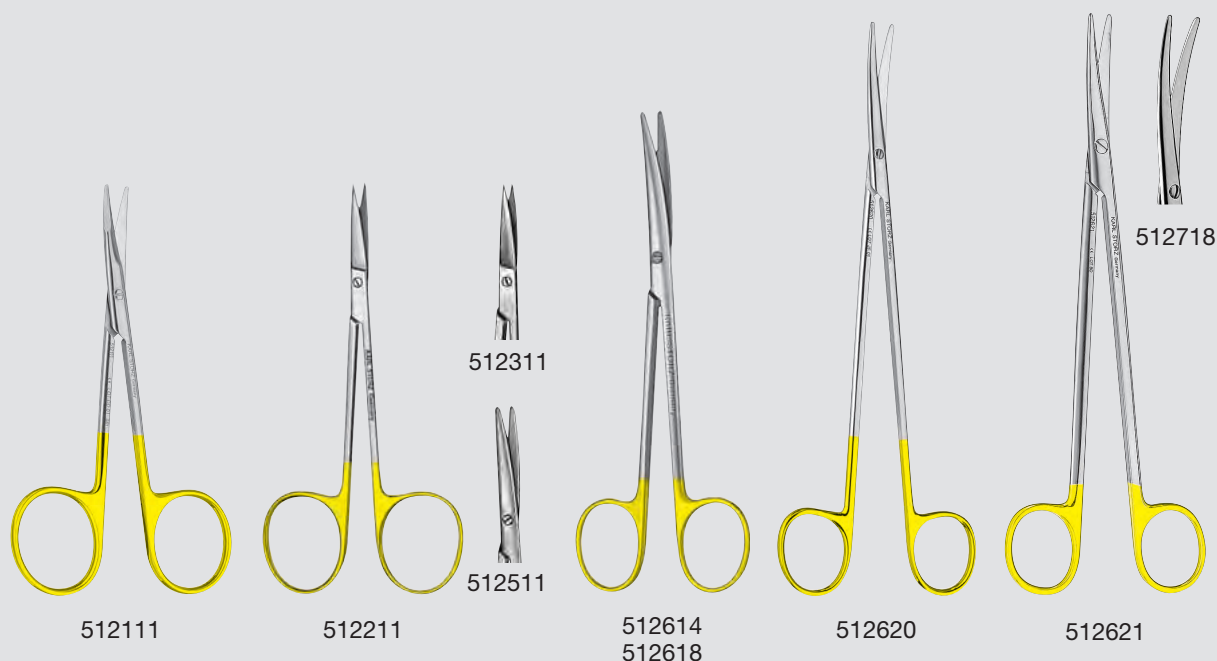
Instruments for Rhinology and Rhinoplasty



511010	Scissors , extra delicate, straight, length 10 cm
511210	Same , curved
511314	JOSEPH Scissors , straight, length 14 cm
511414	Same , curved
511514	METZENBAUM Scissors , curved,
	length 14 cm
752918	Same , length 18 cm
511612	METZENBAUM-LAHEY Scissors , curved,
	extra slender, length 12 cm
511615	Same , length 15 cm
511812	KILNER Scissors , curved, flat end,
	length 12.5 cm
511814	Same , length 14 cm
512012	FOMON Scissors , curved, length 12 cm

Nose

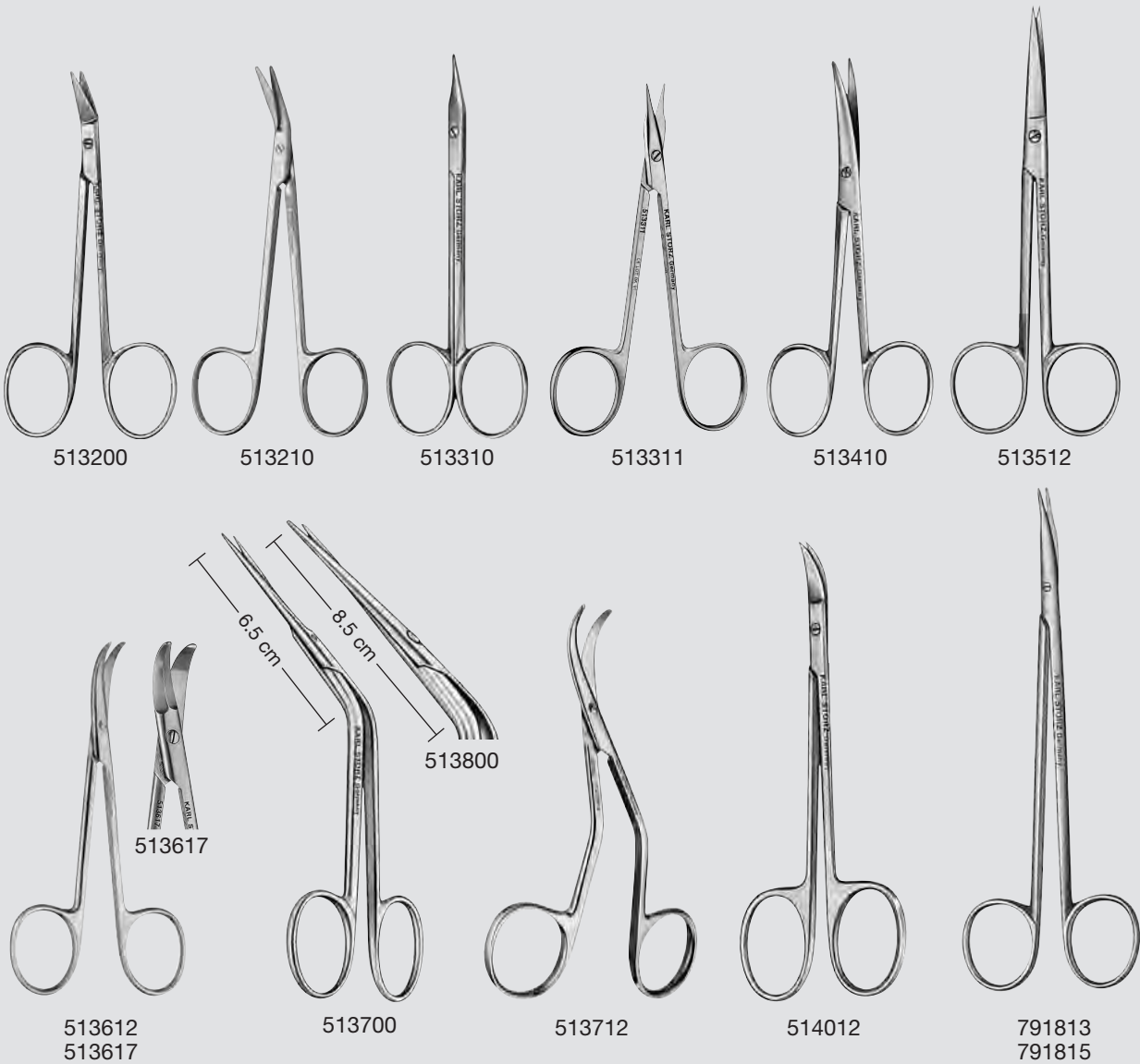
Instruments for Rhinology and Rhinoplasty



- 512111 **Scissors**, with tungsten carbide inserts, blunt/blunt, curved, double-edged grinding, semisharp outer edge for dissection, length 11.5 cm
- 512211 **Scissors**, with tungsten carbide inserts, straight, sharp/sharp, length 11 cm
- 512311 **Same**, curved
- 512511 **Same**, blunt/blunt, curved
- 512614 METZENBAUM **Scissors**, with tungsten carbide inserts, curved, length 14 cm
- 512618 **Same**, length 18 cm
- 512620 METZENBAUM **Scissors**, delicate, tungsten carbide inserts, curved, length 20 cm
- 512621 **Same**, robust model
- 512718 METZENBAUM **Scissors**, heavy model, with tungsten carbide inserts, curved, length 18 cm

Nose

Instruments for Rhinology and Rhinoplasty

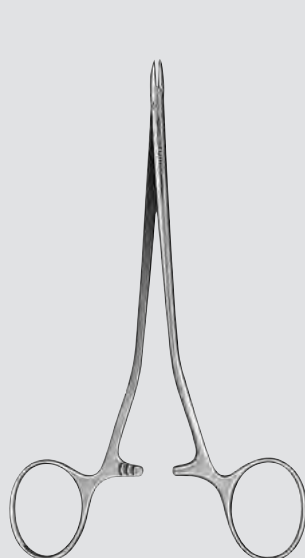


- 513200 WALTER **Scissors**, angled, length 10 cm
- 513210 **Scissors**, angled, blunt, length 10 cm
- 513310 STEVENS **Scissors**, curved, length 10.5 cm
- 513311 **Same**, straight
- 513410 COTTLE **Scissors**, curved, length 10.5 cm
- 513512 **Scissors**, straight, length 12 cm
- 513612 FOMON **Lower Lateral Scissors**, strongly curved, length 12 cm
- 513617 **Same**, length 17 cm

- 513700 FOMON **Dorsal Scissors**, angular, serrated blades, slender, working length 6.5 cm
- 513712 FOMON **Lower Lateral Scissors**, S-shaped, strongly curved blades, handles 45° angled downwards, length 11.5 cm
- 513800 COTTLE **Dorsal Scissors**, angular, serrated blades, robust, working length 8.5 cm
- 514012 CHADWICK **Scissors**, curved, length 12.5 cm
- 791813 REYNOLDS **Scissors**, curved, delicate tips, length 13 cm
- 791815 **Same**, length 15 cm

Nose

Instruments for Rhinology and Rhinoplasty



515017



515217



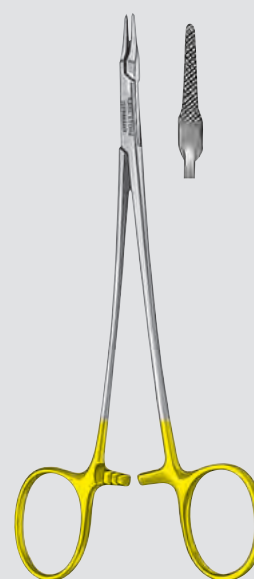
515515



516012



516013
516015



516113
516117

515017 **Needle Holder**, extra delicate, slight spring action, length 17 cm

515217 **Needle Holder**, intranasal, angled 30°, tungsten carbide inserts, length 17 cm

515515 **CRILE-WOOD Needle Holder**, length 15 cm

516012

HALSEY Needle Holder, tungsten carbide inserts, length 12 cm

516013

Needle Holder, tungsten carbide inserts, length 13 cm

516015

Same, length 15 cm

516113

RYDER Needle Holder, tungsten carbide inserts, extra delicate, length 13 cm

516115

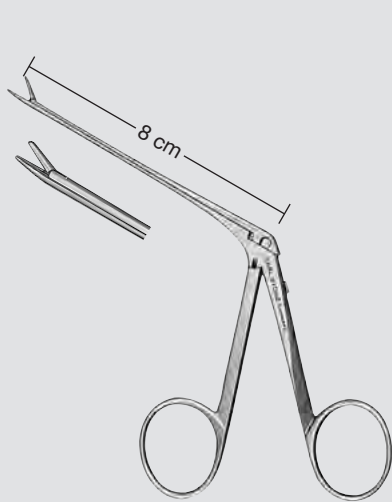
Same, length 15 cm

516117

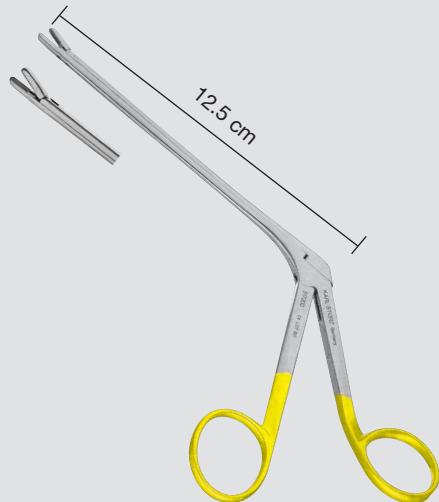
Same, length 17 cm

Nose

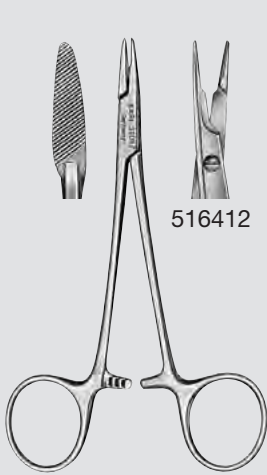
Instruments for Rhinology and Rhinoplasty



517000



517200



516513



517500



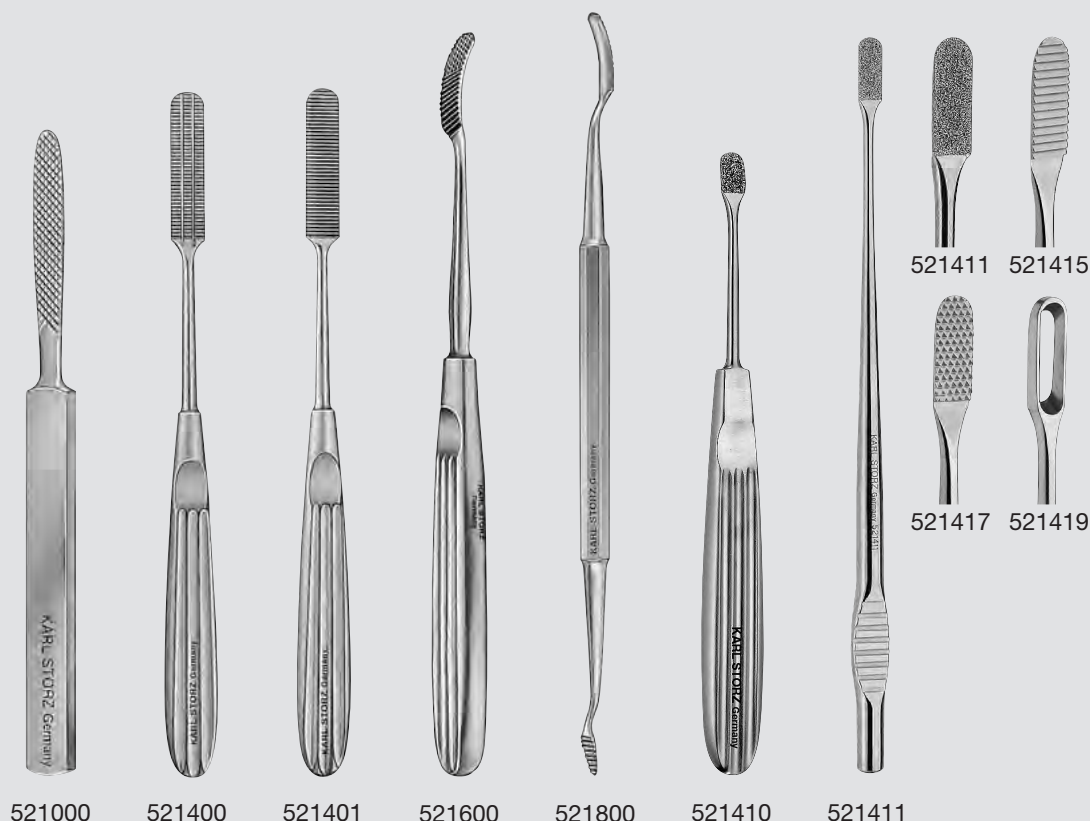
799016

- 516412 **OLSEN-HEGAR Needle Holder and Scissors**, tungsten carbide inserts, delicate, length 12 cm
- 516513 **NEIVERT-MASING Needle Holder**, thumb ring upturned, one jaw with groove, length 13 cm
- 517000 **MASING Needle Holder**, ear forceps shape, intranasal, smooth jaws, working length 8 cm

- 517200 **Needle Holder**, intranasal, handle angled 30°, tungsten carbide inserts, working length 12.5 cm
- 517500 **Wire Twister Ligature Forceps**, with tungsten carbide inserts, length 15 cm
- 799016 **DRAF Micro Needle Holder**, extra fine, coated jaws, matt finish, polished handle rings, length 16.5 cm

Nose

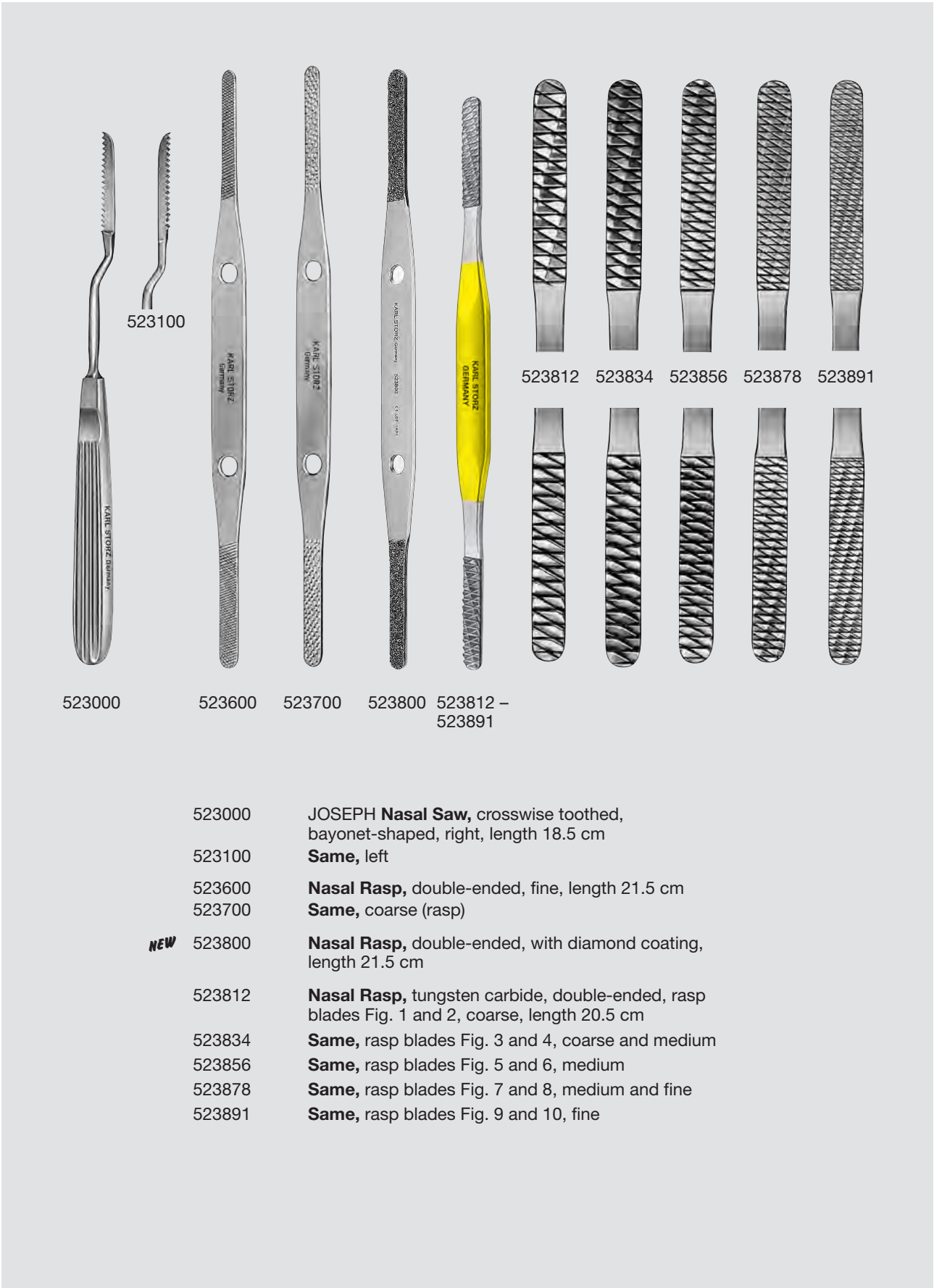
Instruments for Rhinology and Rhinoplasty



- 521000 JOSEPH **Nasal Rasp**, length 17 cm
- 521400 MALTZ **Nasal Rasp**, coarse teeth, cuts with traction, with two grooves, length 18.5 cm
- 521401 **Same**, without grooves
- 521600 AUFRICHT **Glabella Rasp**, curved, cuts with pressure and traction, length 20 cm
- 521800 **Glabella Rasp**, double-ended, cuts with traction, length 20.5 cm
- 521410 **Rasp**, diamond coated, rasp blade 6 x 10 mm, length 16.5 cm
- 521411 BEHRBOHM **Rasp**, diamond coated, rasp blade 6 x 15 mm, length 18 cm
- 521415 BEHRBOHM **Rasp**, coarse teeth, cuts with traction, rasp blade 6 x 15 mm, length 18 cm
- 521417 BEHRBOHM **Rasp**, crosscut, cuts with traction, rasp blade 6 x 15 mm, length 18 cm
- 521419 BEHRBOHM **Curette**, 6 x 15 mm, length 18 cm

Nose

Instruments for Rhinology and Rhinoplasty



523000

523100

523600

523700

523800

523812 –
523891

523812

523834

523856

523878

523891

- 523000 JOSEPH **Nasal Saw**, crosswise toothed, bayonet-shaped, right, length 18.5 cm
- 523100 **Same**, left
- 523600 **Nasal Rasp**, double-ended, fine, length 21.5 cm
- 523700 **Same**, coarse (rasp)
- NEW** 523800 **Nasal Rasp**, double-ended, with diamond coating, length 21.5 cm
- 523812 **Nasal Rasp**, tungsten carbide, double-ended, rasp blades Fig. 1 and 2, coarse, length 20.5 cm
- 523834 **Same**, rasp blades Fig. 3 and 4, coarse and medium
- 523856 **Same**, rasp blades Fig. 5 and 6, medium
- 523878 **Same**, rasp blades Fig. 7 and 8, medium and fine
- 523891 **Same**, rasp blades Fig. 9 and 10, fine

Nose

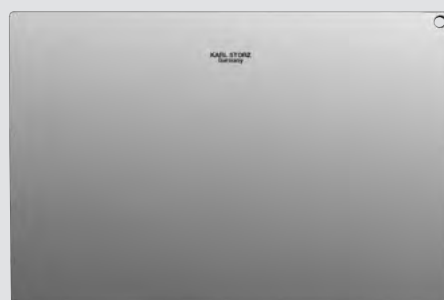
Instruments for Rhinology and Rhinoplasty



523900



523905



523913



523910
523920



524110 – 524310



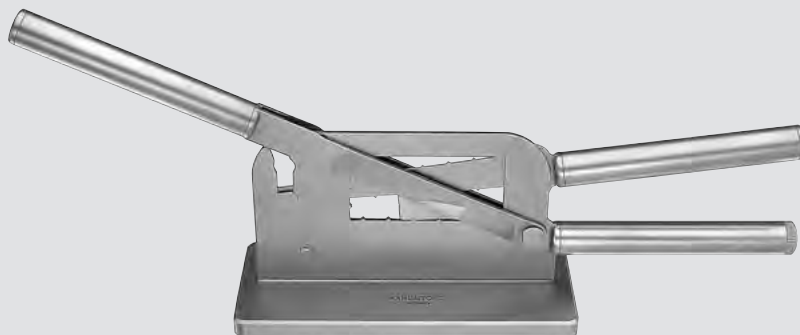
524302

- | | |
|-------------------|--|
| 523900 | COTTLE Bone Crusher , with clip, crusher size 5 x 1.5 cm |
| NEW 523905 | Bone Crusher , large model, with clip, crusher size 5 x 3 cm |
| 523910 | TOLSDORFF Bone and Cartilage Crusher , round, to press pieces of bone up to 4 cm diameter evenly extended in all directions |
| 523920 | RETINGER-TOLSDORFF Same , with coarse surface |
| 523913 | Metal Tray , to prepare crushed pieces for reimplantation in the nose, with hole for towel forceps, size 10 x 15 cm |
| 524110 | Nasal Splint , DENVER model, aluminium, padded, with self-adhesive underside, small, size 56 x 30 mm, package of 10 |
| 524210 | Same , medium, size 64 x 36 mm |
| 524310 | Same , large, size 66 x 45 mm |
| 524302 | Nasal Splint , aluminium, padded, with self-adhesive underside, large, with forehead extension, size 83 x 77 mm, package of 5 |

Components/Spare Parts see chapter 14

Special Features:

- For reconstructive rhinoplasty with costal cartilage implantation
- Lowers the surgeon's risk of injury while harvesting the core of the cartilage
- Even cutting of cartilage implants at 1 or 2 mm thickness
- Maximum time-savings due to easy preparation of the costal cartilage



523950

523950

SCHMÄL CartCut® Cartilage Cutter,
for preparation of cartilage pieces
including:

Holding Device

Cleaning Adaptor

Holding-down Clamp

Knife, 1 mm

Knife, 2 mm



Fig. 1: The harvested costal cartilage is placed in the CartCut® cartilage cutter ...



Fig. 2: ... and fixated with the "holding-down clamp" handle.



Fig. 3: The "knife" handle is placed in the appropriate holder ...



Figs. 4 and 5: ... and the cartilage is carved by pressing down the "knife" handle.



Fig. 6: The resulting cartilage.

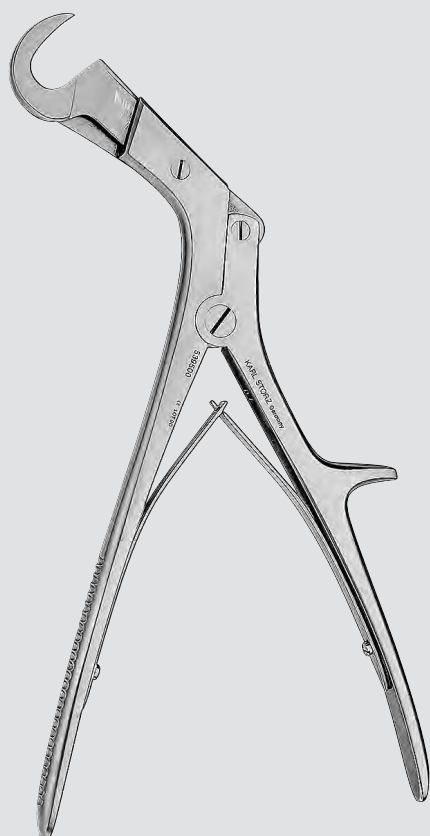
Components/Spare Parts see chapter 14

For optimal storage and processing Tray 39502 ZH and Silicon Mat 39100 SH are recommended.

Further accessories for cleaning and sterilization see catalog HYGIENE

Nose

Instruments for Cartilage Removal



539500



539510



539520



539521

- | | |
|--------|---|
| 539500 | GIERTZ-STILLE Rib Shears , length 25 cm |
| 539510 | FERGUSON Bone Holding Forceps , width 12 mm, length 20.5 cm |
| 539520 | DOYEN Elevator , for adults, curved to right, length 17.5 cm |
| 539521 | Same , curved to left |

Nose

Instruments for Rhinology and Rhinoplasty



525500
525505



525510



525520



525800

- 525500
525505
- Rule**, stainless steel, flexible, length 20 cm
Same, length 30 cm
- 525510
- CASTROVIEJO Skin Measurement Caliper**, measurement range 0 – 15 mm, length 8 cm
- 525520
- BEHRBOHM Caliper**, for plastic surgery, otoplasty, rhinoplasty, reconstructive and aesthetic surgery, with wheel to set and hold the span, as well as a scale for reading the opening interval, measurement range from 5 – 130 mm, caliper arms have 2 removable attachments with atraumatic measurement points 525523 and 1 holder 525525 for disposable skin marker, **autoclavable**, length 18.5 cm
- 525525
- Holder**, for sterile skin marker, for use with BEHRBOHM Caliper 525520/525521 for plastic surgery, **autoclavable**, length 5 cm
- 525800
- Elevator**, robust model, for the repositioning of nasal fractures, length 17 cm

Nose

Instruments for Rhinology and Rhinoplasty



528800

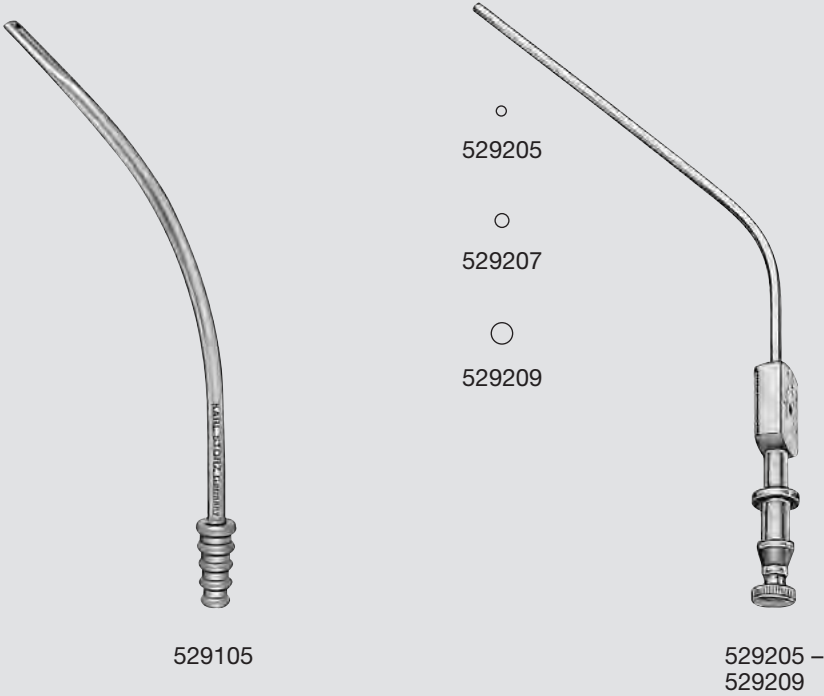


528860

- | | |
|--------|---|
| 528800 | WALSHAM Septum Straightening Forceps,
dismantling, length 21 cm |
| 528860 | ASCH Septum Straightening Forceps,
angular, length 22 cm |

Nose

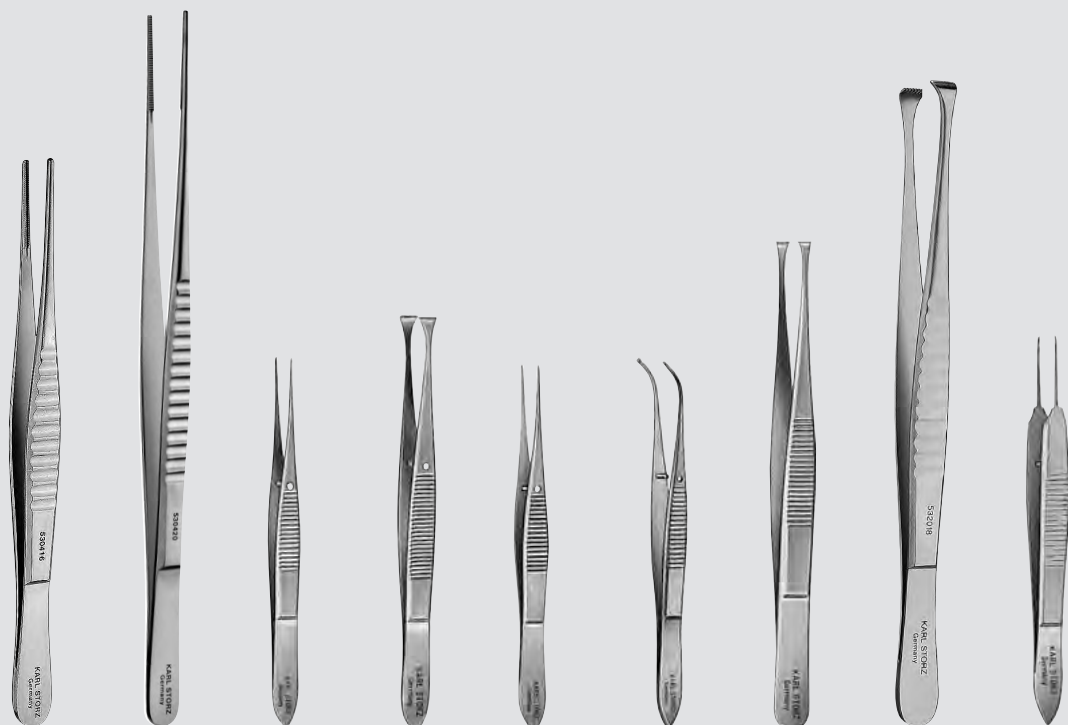
Instruments for Rhinology and Rhinoplasty



- | | |
|--------|---|
| 529105 | Suction Tube , curved, outer diameter 5 mm, length 16.5 cm |
| 529205 | FRAZIER Suction Tube , with cut-off hole and stylet, angled, outer diameter 5 Fr./1.5 mm, working length 10 cm, total length 17.5 cm |
| 529207 | Same , outer diameter 7 Fr./2 mm |
| 529209 | Same , outer diameter 9 Fr./3 mm |

Nose

Instruments for Rhinology and Rhinoplasty



530416 530420 530710 530811 530910 530911 532013 532018 532500
530520

530416 “ATRAUMA” **Atraumatic Tissue Forceps**, length 16 cm

530420 “ATRAUMA” **Atraumatic Tissue Forceps**, width of jaws 2 mm, length 20 cm

530520 **Same**, width of jaws 1.5 mm

530710 **Dressing Forceps**, delicate, length 10 cm

530811 **Tissue Forceps**, with 7 x 8 fine teeth, length 11 cm

530910 **Tissue Forceps**, delicate, straight, 1 x 2 teeth, length 10 cm

530911 **Same**, curved

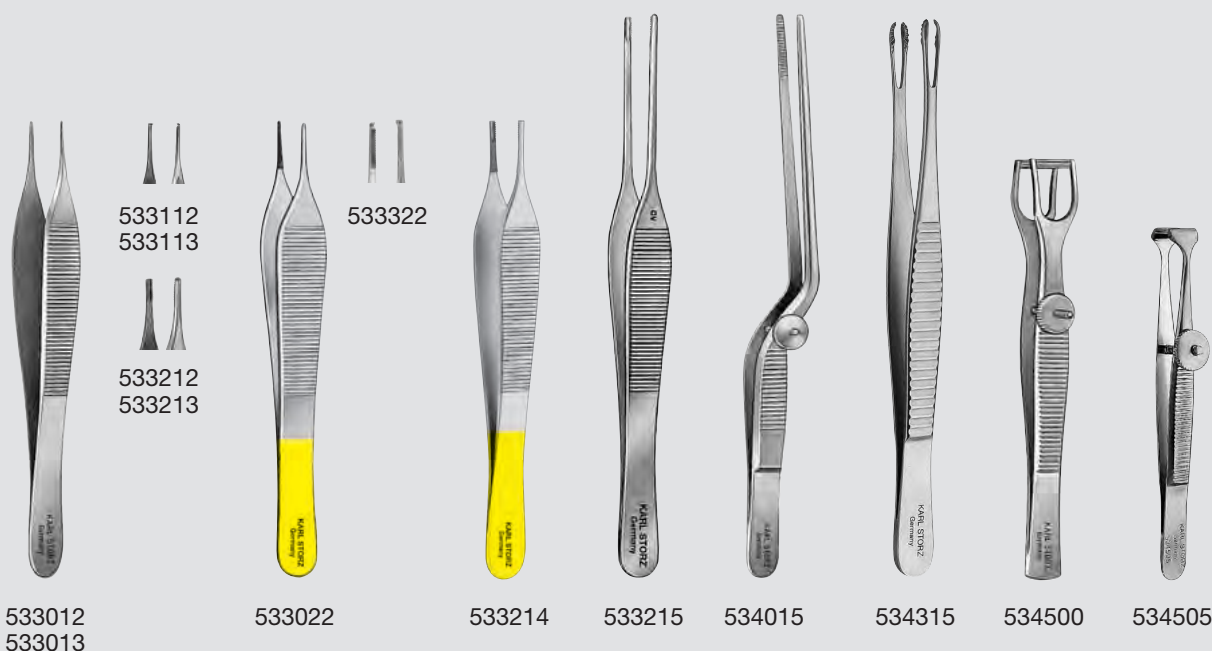
532013 **Tissue Forceps**, straight, with 7 x 8 fine teeth, length 13 cm

NEW 532018 **STÖVER Tissue Forceps**, straight, with 7 x 8 fine teeth, length 18 cm

532500 **CASTROVIEJO Suture Forceps**, 1 x 2 teeth, length 10.5 cm

Nose

Instruments for Rhinology and Rhinoplasty

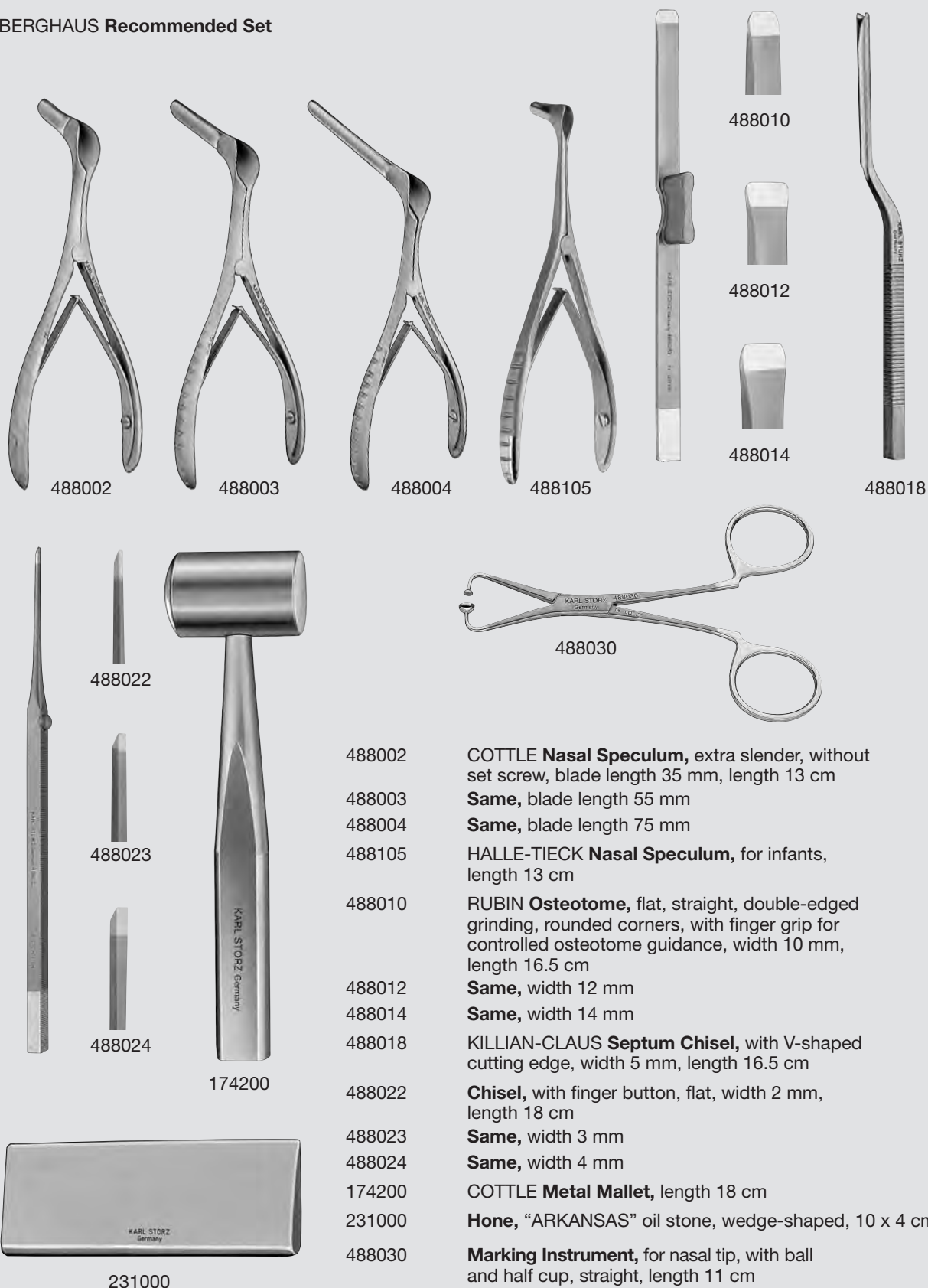


- 533012 **ADSON Dressing Forceps**, serrated, length 12 cm
- 533013 **Same**, micro-model
- 533022 **ADSON Dressing Forceps**, serrated, tungsten carbide inserts, length 12 cm
- 533112 **ADSON Tissue Forceps**, 1 x 2 teeth, length 12 cm
- 533113 **Same**, micro-model
- 533212 **ADSON-BROWN Tissue Forceps**, atraumatic, fine side grasping teeth, length 12 cm
- 533213 **Same**, micro-model
- 533214 **ADSON-BROWN Tissue Forceps**, atraumatic, fine side grasping teeth, tungsten carbide inserts, width 1.5 mm, length 12 cm
- 533215 **GLANZ Forceps**, atraumatic, fine side grasping teeth, with extra long tips for better view and work in the depth, length 15 cm
- 533322 **ADSON Tissue Forceps**, serrated, 1 x 2 teeth, tungsten carbide inserts, length 12 cm
- 534015 **COTTLE Lower Lateral Forceps**, bayonet-shaped, with set screw, serrated tips and teeth on the inside, length 15 cm
- 534315 **FULEIHAN Forceps**, with teeth and open window, width 5 mm, length 15 cm
- 534500 **COTTLE Columella Clamp**, length 11 cm
- 534505 **Columella Clamp**, for children, width 7.5 mm, length 8.5 cm

Nose

Rhinoplasty – Aesthetic-Plastic Surgery of the Nose

BERGHAUS Recommended Set



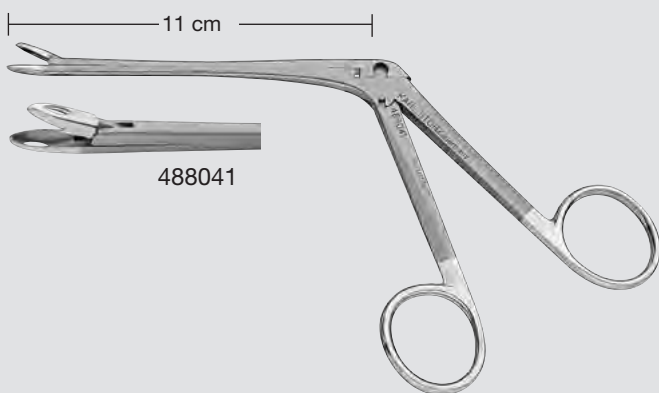
- 488002 COTTLE **Nasal Speculum**, extra slender, without set screw, blade length 35 mm, length 13 cm
- 488003 **Same**, blade length 55 mm
- 488004 **Same**, blade length 75 mm
- 488105 HALLE-TIECK **Nasal Speculum**, for infants, length 13 cm
- 488010 RUBIN **Osteotome**, flat, straight, double-edged grinding, rounded corners, with finger grip for controlled osteotome guidance, width 10 mm, length 16.5 cm
- 488012 **Same**, width 12 mm
- 488014 **Same**, width 14 mm
- 488018 KILLIAN-CLAUS **Septum Chisel**, with V-shaped cutting edge, width 5 mm, length 16.5 cm
- 488022 **Chisel**, with finger button, flat, width 2 mm, length 18 cm
- 488023 **Same**, width 3 mm
- 488024 **Same**, width 4 mm
- 174200 COTTLE **Metal Mallet**, length 18 cm
- 231000 **Hone**, "ARKANSAS" oil stone, wedge-shaped, 10 x 4 cm
- 488030 **Marking Instrument**, for nasal tip, with ball and half cup, straight, length 11 cm

Nose

Rhinoplasty – Aesthetic-Plastic Surgery of the Nose

BERGHAUS Recommended Set

Instruments with special matt finish and high-gloss polished working tips



- 488032 HEYMANN **Nasal Scissors**, medium size, working length 9.5 cm
- 488034 CRAIG **Septum Forceps**, straight, working length 9 cm
- 488036 BECKER-CAPLAN **Septum Scissors**, with double joint, serrated, slender, working length 9.5 cm
- 488038 RUBIN **Septum Morcelizer**, with double joint, straight, length 20 cm
- 488041 BLAKESLEY **Nasal Forceps**, slender, straight, size 1, working length 11 cm

- 488044 JANSEN **Nasal Dressing Forceps**, bayonet-shaped, slender, length 16 cm
- 488045 ADSON-BROWN **Forceps**, micro-model, atraumatic, fine side grasping teeth, length 12 cm
- 488046 ADSON **Tissue Forceps**, atraumatic, fine side grasping teeth, length 15 cm

- 488047 ADSON **Tissue Forceps**, 1 x 2 teeth, length 12 cm
- 488049 KILNER **Scissors**, curved, with tungsten carbide inserts, flat end, sharp/sharp, extra delicate, length 13.5 cm
- 488050 KILNER **Scissors**, curved, flat end, blunt/blunt, length 15.5 cm



Nose

Rhinoplasty – Aesthetic-Plastic Surgery of the Nose

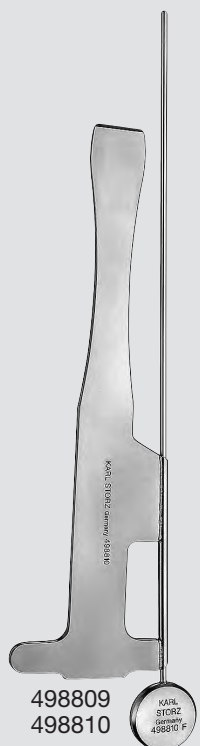
BERGHAUS Recommended Set

Instruments with special matt finish and high-gloss polished working tips



Nose

Instruments for Rhinoplasty



498810 F



498815



498816



498822



498820



498824

- 498809 **AIACH Osteotome for Hump Removal**, with lateral guiding rod, width 10 mm
- 498810 **Same**, width 13 mm
- 498810 F **Guide Rod**, for 498809 and 498810, only
- 498815 **AIACH Narrow Rasp**, double-ended, medium, width 5 and 3 mm, length 20 cm
- 498816 **AIACH Tenon Mortise Rasp**, double-ended, medium, one side with augmented teeth, other side slotted without teeth, length 20 cm
- 498820 **AIACH Grid**, for preparation of cartilage, graduated, size 90 x 50 mm
- 498822 **AIACH Cartilage Graft Forceps**, for grasping and preparation of cartilage, with slotted jaws, length 15 cm
- 498824 **AIACH Cartilage Crusher**, crusher size 5 x 1.5 cm

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