It is recommended to check the suitability of the product for the intended procedure prior to use. Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.

Not all the products listed in this document are certified according to Regulation 2017/745/EU. For this reason, some products requiring certification under this Regulation may not be available in every country.

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Recommended Sets
Basic Instrument Set for Septum Surgery
Recommended Sets
Basic Instrument Set for Septum Surgery

1. 400500 HARTMANN Nasal Speculum, for adults, length 13 cm
2. 400655 COTTLE Nasal Speculum, blade length 55 mm, length 13 cm
3. 403555 KILLIAN-STRUYCKEN Nasal Speculum, standard model, blade length 55 mm, length 13.5 cm
4. 403575 Same, blade length 75 mm
5. 403590 Same, blade length 90 mm
6. 2403655 COTTLE Nasal Speculum, blade length 55 mm, length 13 cm
7. 3403555 KILLIAN-STRUYCKEN Nasal Speculum, standard model, blade length 55 mm, length 13.5 cm
8. 442500 BLAKESLEY Nasal Forceps, dismantling, straight, size 1, working length 11 cm
9. 455000 Same, size 3
10. 456500 WALTER Nasal Forceps, dismantling, 45° upturned, size 2, working length 11 cm
11. 456600 Same, size 3
12. 456700 Same, size 3
13. 456800 Same, size 3
14. 456900 Same, size 3
15. 457000 Same, size 3
16. 457100 Same, size 3

Accessories recommended for containers (not illustrated):
39502 Z Wire Tray for Cleaning, Sterilization and Storage
39751 A2 Sterilization Container, with MicroStop®
39763 A2 Coding Label
39762 D2 Color Tab, blue

Further Accessories for Cleaning and Sterilization see HYGIENE catalog

Opening Aid 459999 for Forceps with Lugs see ENT catalog
# Basic Instrument Set for Rhinoplasty

## Recommended Sets

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>496400</td>
<td>MASING Surgical Handle, length 14 cm</td>
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<tr>
<td>208015</td>
<td>Blade, Fig. 15, non-sterile, for single use, package of 100 (not illustrated)</td>
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<tr>
<td>208011</td>
<td>Same, Fig. 11 (not illustrated)</td>
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<tr>
<td>496550</td>
<td>Surgical Handle, for miniature blades, round, length 16.5 cm</td>
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<tr>
<td>496764</td>
<td>Minimum Blade, Fig. 64, round, sterile, for single use, package of 25 (not illustrated)</td>
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<tr>
<td>496900</td>
<td>MASING Nasal Knife, curved, roundly tipped blade, length 14 cm</td>
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<tr>
<td>499300</td>
<td>COTTLE Nasal Knife, rounded edge, length 14 cm</td>
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<td>3x 417013</td>
<td>Cotton Applicator, triangular, serrated, diameter 1.3 mm, length 15 cm</td>
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<tr>
<td>511210</td>
<td>Scissors, extra delicate, curved, length 10 cm</td>
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<td>513410</td>
<td>COTTLE Scissors, curved, length 10.5 cm</td>
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<td>511414</td>
<td>JOSEPH Scissors, curved, length 14 cm</td>
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<td>513200</td>
<td>WALTER Angular Scissors, length 10 cm</td>
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<td>513700</td>
<td>FOMON Dorsal Scissors, angular, serrated blades, slender, working length 6.5 cm</td>
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<tr>
<td>484004</td>
<td>COTTLE Chisel, flat, graduated, straight, width 4 mm, length 18.5 cm</td>
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<tr>
<td>484007</td>
<td>Same, width 7 mm</td>
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<td>484009</td>
<td>Same, width 9 mm</td>
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<tr>
<td>484206</td>
<td>COTTLE Crossbar Osteotome, graduated, double-edged grinding, straight, width 6 mm, length 18.5 cm</td>
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<td>484406</td>
<td>Same, single-edged grinding, curved</td>
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<td>484800</td>
<td>MASING Chisel, straight, with round guard straight, length 18 cm</td>
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<td>484700</td>
<td>Same, slightly curved, with round guard left side</td>
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<tr>
<td>484600</td>
<td>Same, slightly curved, with round guard right side</td>
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<tr>
<td>498400</td>
<td>COTTLE Retractor, slender, length 14 cm</td>
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<td>505700</td>
<td>COTTLE Knife Guide and Retractor, double-ended, with duct for guide of cut, length 19 cm</td>
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<td>505800</td>
<td>NEIVERT Knife Guide and Retractor, double-ended, made of wire, length 18 cm</td>
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<tr>
<td>505100</td>
<td>COTTLE Retractor, 2 prongs, sharp prong on right, blunt prong on left, width 10 mm, length 14.5 cm</td>
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<tr>
<td>505000</td>
<td>Same, sharp prong on left, blunt prong on right</td>
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<td>499101</td>
<td>Hook, one prong, large curve, length 16.5 cm</td>
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<td>506400</td>
<td>AUFRICHT Nasal Retractor, length 16.5 cm</td>
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<tr>
<td>479800</td>
<td>Suction Raspatory, with stylet, length 19.5 cm</td>
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<tr>
<td>479300</td>
<td>MASING Elevator, double-ended, graduated, sharp and blunt, length 22.5 cm</td>
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<td>478100</td>
<td>JOSEPH-MASING Raspatory, slightly curved, bayonet-shaped, length 21 cm</td>
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<td>478305</td>
<td>McKENTY Raspatory, width 5 mm, length 14.5 cm</td>
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<td>479200</td>
<td>COTTLE Raspatory, double-ended, length 22.5 cm</td>
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<td>534015</td>
<td>COTTLE Lower Lateral Forceps, bayonet-shaped, with set screw, serrated tips and teeth on the inside, length 15 cm</td>
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<tr>
<td>533212</td>
<td>ADSON-BROWN Tissue Forceps, atraumatic, fine side grasping teeth, length 12 cm</td>
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<tr>
<td>523600</td>
<td>Nasal Rasp, double-ended, fine, length 21.5 cm</td>
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<td>523700</td>
<td>Nasal Rasp, double-ended, coarse (rasp), length 21.5 cm</td>
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<td>528800</td>
<td>WALSHAM Septum Straightening Forceps, dismantling, length 21 cm</td>
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<td>174200</td>
<td>COTTLE Metal Mallet, length 18 cm</td>
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<td>523000</td>
<td>JOSEPH Nasal Saw, crosswise toothed, bayonet-shaped, right, length 18.5 cm</td>
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<td>523110</td>
<td>Same, left</td>
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<td>403655</td>
<td>COTTLE Nasal Speculum, blade length 55 mm, length 13 cm</td>
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<td>403575</td>
<td>KILLIAN-STRUYCKEN Nasal Speculum, standard model, blade length 75 mm, length 13.5 cm</td>
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<td>403590</td>
<td>Same, blade length 90 mm</td>
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<td>456001</td>
<td>BLAKESLEY Nasal Forceps, dismantling, size 1, working length 11 cm</td>
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<td>456003</td>
<td>Same, size 3</td>
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<tr>
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<td>WATSON-WILLIAMS Nasal Forceps, dismantling, straight, serrated, working length 11 cm</td>
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<td>523900</td>
<td>COTTLE Bone Crusher, with clip</td>
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<td>517000</td>
<td>MASING Needle Holder, ear forceps shape, intranasal, smooth jaws, working length 8 cm</td>
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<td>516513</td>
<td>NEIVERT-MASING Needle Holder, one jaw with groove, length 13 cm</td>
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<td>515017</td>
<td>Needle Holder, slight spring action, length 17 cm</td>
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<td>529207</td>
<td>FRAZIER Suction Tube, outer diameter 7 Fr./2 mm, working length 10 cm, length 17.5 cm</td>
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<tr>
<td>529209</td>
<td>Same, outer diameter 9 Fr./3 mm</td>
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<td>529105</td>
<td>Suction Tube, curved, outer diameter 5 mm, length 16.5 cm</td>
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<td>534500</td>
<td>COTTLE Columella Clamp, length 11 cm</td>
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<td>469000</td>
<td>KAZANIAN Forceps, length 20 cm</td>
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<tr>
<td>468000</td>
<td>JANSSEN-MIDDLETON Septum Forceps, angular, through-cutting, working length 10 cm</td>
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## Accessories recommended for containers (not illustrated):
- Wire Tray for Cleaning, Sterilization and Storage
- Sterilization Container, with MicroStop®
- Coding Label
- Color Tab, blue

Further Accessories for Cleaning and Sterilization see HYGIENE catalog

Opening Aid 459999 for Forceps with Lugs see ENT catalog
Recommended Sets

SIMMEN-BRINER Special Nasal Instrument Set

1. **7230 AA** HOPKINS® Straight Forward Telescope 0°, enlarged view, diameter 4 mm, length 18 cm, autoclavable, fiber optic light transmission incorporated, color code: green

2. **723772** STAMMBERGER Handle, round, length 11 cm

3. **403835** COTTLE Nasal Speculum, with set screw, blade length 35 mm, length 13 cm

4. **403855** Same, blade length 55 mm

5. **403875** Same, blade length 75 mm

6. **403390** KILLIAN-STRUYCKEN Nasal Speculum, with set screw, blade length 80 mm, length 13.5 cm

7. **810506** Septum Cannula, angular, Luer-Lock

8. **208000** Surgical Handle, Fig. 3, length 12.5 cm

9. **208100** Surgical Handle, Fig. 4, length 13.5 cm

10. **748000** Surgical Handle, Fig. 7, length 16.5 cm

11. **474000** FREER Elevator, double-ended, length 20 cm

12. **479000** MASING Elevator, double-ended, length 22.5 cm

13. **2x 499001** KILNER-GILLIES Hook, one prong, small curve, length 17 cm

14. **499210** JOSEPH Hook, two prongs, sharp, width 10 mm, length 15 cm

15. **791815** REYNOLDS Scissors, curved, length 15 cm

16. **511615** METZENBAUM-LAHEY Scissors, curved, length 15 cm

17. **2x 533112** ADSON Tissue Forceps, micro-scalpel, 1 x 2 teeth, length 12 cm

18. **2x 533112** ADSON Tissue Forceps, 1 x 2 teeth, length 12 cm

19. **793301** Tissue Forceps, 1 x 2 teeth, standard width, length 13 cm

20. **793403** Tissue Forceps, 1 x 2 teeth, narrow, length 14.5 cm

21. **2x 533212** ADS-PEAN-BROWN Tissue Forceps,atraumatic, fine side grasping teeth, length 12 cm

22. **792303** Dressing Forceps, narrow, length 13 cm

23. **792301** Same, standard width

24. **534015** COTTLE Lower Lateral Forceps, with set screw, length 15 cm

25. **426620** GRÜNWALD Nasal Dressing Forceps, length 20 cm

26. **455500** TAKAHASHI Nasal Forceps, dismantling, working length 9.5 cm

27. **456002** BLAKESLEY Nasal Forceps, dismantling, size 2, working length 11 cm

28. **456003** Same, size 3

29. **449002** HEYMANN Nasal Scissors, medium, working length 9.5 cm

30. **488034** CRAIG Septum Forceps, working length 9 cm

**Accessories recommended for containers (not illustrated):** see page 5

**Opening Aid 459999 for Forceps with Lugs** see ENT catalog

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- **204809** FERGUSON Suction Tube, with cut-off hole and stylet, LUER, 9 Fr., working length 11 cm
- **204810** Same, 10 Fr.
- **204812** Same, 12 Fr.
- **204815** Same, 15 Fr.
- **479800 SB** Suction Respiroty, with stylet, length 19.5 cm
- **486103 SB** Osteotome, straight, double-edged grinding, width 3 mm, length 19 cm
- **486104 SB** Same, width 4 mm
- **486107 SB** Same, width 7 mm
- **174200** COTTLE Metal Mallet, length 18 cm
- **Bipolar Coagulation Forceps**, insulated, bayonet-shaped, blunt, tip 1 mm, length 19 cm
- **BRINER Bipolar Suction Cannula**, angular, insulated, length of electrodes 3.5 mm, with cut-off hole, outer diameter 4.5 mm, working length 11 cm
- **Bipolar High Frequency Cord**, length 300 cm (not illustrated)
- **SIMMEN Coagulation Suction Tube**, angular, insulated, malleable, distal with uninsulated horn, with cut-off hole, outer diameter 3.5 mm, working length 12 cm
- **Same**, outer diameter 4 mm
- **Same**, outer diameter 4.5 mm
- **Unipolar High Frequency Cord**, length 300 cm (not illustrated)
- **KRAUSE Nasal Snare**, length 25 cm
- **Nasal Snare Wire**, diameter 0.3 mm, length 10 cm, package of 25
- **COTTLE Bone Crusher**, with clip
- **ROCHESTER-PEAN Artery Forceps**, anatomical, straight, length 14 cm
- **HALSTEAD “Mosquito” Artery Forceps**, curved, length 12.5 cm
- **ROCHESTER-PEAN Artery Forceps**, anatomical, curved, length 14 cm
- **HALSTEAD “Mosquito” Artery Forceps**, straight, 1 x 2 teeth, length 12.5 cm
- **Needle Holder**, tungsten carbide inserts, length 15 cm
- **Same**, length 17 cm
- **MAYO Scissors**, straight, length 15 cm
- **DUPLAY Dressing and Sponge Holding Forceps**, length 21 cm
- **Towel Forceps**, length 9.5 cm
- **Medicine Cup**, 50 cm³, diameter 57 mm, height 47 mm (not illustrated)
- **Medicine Cup**, 100 cm³, diameter 80 mm, height 30 mm (not illustrated)
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<tr>
<td>1</td>
<td>488060</td>
<td><strong>Ala Double Hook,</strong> with octagonal handle, with 2 sharp points, strongly curved, special matt finish, width 2 mm, length 16.5 cm</td>
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<tr>
<td>2</td>
<td>2x 477098</td>
<td><strong>Ala Dilator,</strong> for preparation and cutting of nostril cartilage, graduated, width 5 x 8 mm, length 9.5 cm</td>
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<td>3</td>
<td>506400</td>
<td><strong>AUFRICHT Nasal Retractor,</strong> length 16.5 cm</td>
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<td>4</td>
<td>488054</td>
<td><strong>AUFRICHT Nasal Retractor,</strong> with side protector, special matt finish, length 16.5 cm</td>
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<td>5</td>
<td>488070</td>
<td><strong>JOSEPH Raspatory,</strong> slightly curved, special matt finish, width 4 mm, length 17.5 cm</td>
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<td>6</td>
<td>489084</td>
<td><strong>Angular Scissors,</strong> extra delicate, length 9.5 cm</td>
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<td>7</td>
<td>488048</td>
<td><strong>KILNER Scissors,</strong> curved, sharp/sharp, special matt finish, length 13.5 cm</td>
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<td>8</td>
<td>513700</td>
<td><strong>FOMON Dorsal Scissors,</strong> angular, serrated blades, slender, working length 6.5 cm</td>
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<td>9</td>
<td>498822</td>
<td><strong>AIACH Cartilage Graft Forceps,</strong> with slotted jaws, length 15 cm</td>
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<td>10</td>
<td>516115</td>
<td><strong>RYDER Needle Holder,</strong> tungsten carbide inserts, extra delicate, length 15 cm</td>
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<td><strong>RUBIN Osteotome,</strong> flat, straight, double-edged grinding, rounded corners, width of cut 12 mm, length 16.5 cm</td>
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<td>487014</td>
<td><strong>Same,</strong> width of cut 14 mm</td>
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<td>487016</td>
<td><strong>Same,</strong> width of cut 16 mm</td>
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<td>486102 SB</td>
<td><strong>Osteotome,</strong> flat, double-edged grinding, width 2 mm, length 19 cm</td>
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<td>13</td>
<td>523834</td>
<td><strong>Nasal Rasp,</strong> tungsten carbide, double-ended, rasp blades Fig. 3 and 4, coarse and medium, length 20.5 cm</td>
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<td>14</td>
<td>523856</td>
<td><strong>Same,</strong> Fig. 5 and 6, medium</td>
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<td>15</td>
<td>523878</td>
<td><strong>Same,</strong> Fig. 7 and 8, medium and fine</td>
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<td>16</td>
<td>200600</td>
<td><strong>LEMPERT Rongeur,</strong> slender, straight, length 15.5 cm</td>
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<td>17</td>
<td>469200</td>
<td><strong>ROWLAND-MEYER Nasal Hump Forceps,</strong> double joint, curved blades, length 20 cm</td>
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<td>18</td>
<td>488038</td>
<td><strong>RUBIN Septum Morcelizer,</strong> with double joint, straight, special matt finish, length 20 cm</td>
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<td>19</td>
<td>498820</td>
<td><strong>AIACH Grid,</strong> graduated, size 90 x 50 mm</td>
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<td>231000</td>
<td><strong>Hone,</strong> “ARKANSAS” oil stone, wedge-shaped, size 9 x 4 cm</td>
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<td>21</td>
<td>523913</td>
<td><strong>Metal Tray,</strong> with eyelet for towel forceps, size 10 x 15 cm</td>
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**Accessories recommended for containers (not illustrated):**

- 39502 ZH  **Wire Tray for Cleaning, Sterilization and Storage**
- 39740 A2  **Sterilization Container,** with MicroStop®
- 39763 A2  **Coding Label**
- 39762 D2  **Color Tab,** blue

**Further Accessories for Cleaning and Sterilization** see HYGIENE catalog
Recommended Sets
NOLST TRENITÉ Instrument Set for Rhinoplasty

10
SET 8
<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<td>Osteotome, double-edged grinding, rounded corners, with recessed grip, straight, width of cut 10 mm, length 18 cm</td>
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<td>488514</td>
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<td>488516</td>
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<td>Same, width of cut 18 mm</td>
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<td>Micro Osteotome, straight, double-edged grinding, width 2 mm, length 18 cm</td>
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<td>Same, width 4 mm</td>
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<td>Micro Osteotome, straight, with rounded guard, width 2.2 mm, length 18 cm</td>
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<td>Same, width 3 mm</td>
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<td>488507</td>
<td>Same, width 4 mm</td>
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<td>COTTLE Metal Mallet, length 18 cm (not illustrated)</td>
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<td>BLAKESLEY Nasal Forceps, dismantling, straight, size 1, working length 11 cm</td>
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<td>ADSON-BROWN Forceps, atraumatic, fine side grasping teeth, length 12 cm</td>
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<td>488546</td>
<td>ADSON Forceps, serrated, length 12 cm</td>
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<td>ADSON Forceps, 1 x 2 teeth, length 12 cm</td>
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<td>WALTER Angular Scissors, length 10 cm</td>
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<td>Scissors, extra delicate, curved, length 10 cm</td>
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<td>Same, straight</td>
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<td>KILNER Scissors, curved, flat tips, length 14 cm</td>
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<td>AUFRICHT Nasal Retractor, width of retractor blade 8.5 mm, length of retractor blade 45 mm, length 15 cm</td>
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<td>Hook, one prong, sharp, length 15 cm</td>
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<td>488556</td>
<td>Hook, two prongs, sharp, length 15 cm</td>
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<td>488540</td>
<td>COTTLE Bone Crusher, with clip, crusher size 5 x 1.5 cm</td>
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<td>488560</td>
<td>JOSEPH Raspatory, length 20 cm</td>
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<td>Giabella Rasp, curved, length 20 cm</td>
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<td>Bone Rasp, tungsten carbide, double-ended, rasp blades Fig. 5 and 6, medium, length 21 cm</td>
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<tr>
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<td>Bone Rasp, tungsten carbide, double-ended, rasp blades Fig. 7 and 8, medium and fine, length 21 cm</td>
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</tr>
<tr>
<td>488570</td>
<td>Needle Holder, tungsten carbide inserts, length 13 cm</td>
<td></td>
</tr>
</tbody>
</table>

Accessories recommended for containers (not illustrated):

- 39502 ZH Wire Tray for Cleaning, Sterilization and Storage
- 39740 A2 Sterilization Container, with MicroStop®
- 39763 A2 Coding Label
- 39762 D2 Color Tab, blue

Further Accessories for Cleaning and Sterilization see HYGIENE catalog

Opening Aid 459999 for Forceps with Lugs see ENT catalog
Recommended Sets
BERGHAUS Instrument Set for Septo-Rhinoplasty
Recommended Sets

BERGHAUS Instrument Set for Septo-Rhinoplasty

1. 488002 COTTLE Nasal Speculum, extra slender, without set screw, special matt finish, blade length 35 mm, length 13 cm
2. 488003 Same, blade length 55 mm
3. 488004 Same, blade length 75 mm
4. 488018 KILLIAN-CLAUS Septum Chisel, with V-shaped cutting edge, special matt finish, width 5 mm, length 16.5 cm
5. 488010 RUBIN Osteotome, flat, straight, double-edged grinding, rounded corners, with finger grip for osteotome guidance, special matt finish, width 10 mm, length 16.5 cm
6. 488012 Same, width 12 mm
7. 488014 Same, width 14 mm
8. 488022 Chisel, with finger button, flat, special matt finish, width 2 mm, length 18 cm
9. 488023 Same, width 3 mm
10. 488024 Same, width 4 mm
11. 488030 Marking Instrument, for nasal tip, with ball and half cup, straight, special matt finish, length 11 cm
12. 488032 HEYMANN Nasal Scissors, medium size, special matt finish, working length 9.5 cm
13. 488034 CRAIG Septum Forceps, straight, special matt finish, working length 9 cm
14. 488041 BLAKESLEY Nasal Forceps, dismantling, slender, straight, special matt finish, size 1, working length 11 cm
15. 488038 RUBIN Septum Morcelizer, double joint, straight, special matt finish, length 20 cm
16. 488036 BECKER-CAPLAN Septum Scissors, double joint, serrated, slender, special matt finish, working length 9.5 cm
17. 488044 JANESE Nasal Dressing Forceps, bayonet-shaped, slender, special matt finish, length 16 cm
18. 488045 ADSON-BROWN Forceps, micro-model, atraumatic, fine side grasping teeth, special matt finish, length 12 cm
19. 488046 ADSON Tissue Forceps, atraumatic, fine side grasping teeth, special matt finish, length 15 cm
20. 488047 ADSON Tissue Forceps, 1 x 2 teeth, special matt finish, length 12 cm
21. 488049 KILNER Scissors, curved, with tungsten carbide inserts, flat tips, sharp/sharp, extra delicate, special matt finish, length 13.5 cm
22. 488048 KILNER Scissors, curved, sharp/sharp, special matt finish, length 13.5 cm
23. 488050 KILNER Scissors, curved, flat tips, blunt/blunt, special matt finish, length 15.5 cm
24. 488054 AUFRICHT Nasal Retractor, with side protector, special matt finish, length 16.5 cm
25. 488060 Ala Double Hook, with octagonal handle, with 2 sharp points, strongly curved, special matt finish, width 2 mm, length 16.5 cm
26. 488056 KILNER Ala Retractor, two sharp points with button, special matt finish, width 10 mm, length 8.5 cm
27. 488058 Same, width 13 mm
28. 488084 FERGUSON Suction Tube, with cut-off hole and stylet, LUER, special matt finish, outer diameter 8 Fr., working length 11 cm
29. 488085 Same, outer diameter 10 Fr.
30. 488086 Same, outer diameter 12 Fr.
31. 488065 BERGHAUS Ala Guiding Set
32. 488070 JOSEPH Raspatory, slightly curved, special matt finish, width 4 mm, length 17.5 cm
33. 488071 Same, strongly curved, width 3.4 mm
34. 488090 Scalpel Handle, No. 3, special matt finish, length 12.5 cm
35. 488074 FEEER Elevator, double-ended, sharp and blunt, special matt finish, length 20 cm
36. 488078 Nasal Rasp, double-ended, coarse, special matt finish, length 21.5 cm
37. 488076 AUFRICHT Glabella Rasp, double-ended, backward cutting, length 20.5 cm
38. 488080 RYDES Needle Holder, tungsten carbide inserts, extra delicate and flat, special matt finish, length 18 cm
39. 439300 BERGHAUS Metal Nasal Mirror, stainless, high gloss polished, size diameter 20 cm
40. 174200 COTTLE Metal Mallet, length 18 cm (not illustrated)
41. 231000 Hone, “ARKANSAS” oil stone, wedge-shaped, size 9 x 4 cm (not illustrated)

Accessories recommended for containers (not illustrated):
39502 Z Wire Tray for Cleaning, Sterilization and Storage
39751 A2 Sterilization Container, with MicroStop®
39763 A2 Coding Label
39762 D2 Color Tab, blue

Further Accessories for Cleaning and Sterilization see HYGIENE catalog

Opening Aid 459999 for Forceps with Lugs see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Nasal Specula

For a description of the instruments see pages 15-17
Standard Instruments for Rhinology and Rhinoplasty

Nasal Specula

- **HARTMANN Nasal Speculum**, for adults, length 13 cm
- **BECKMANN Nasal Speculum**, for adults, curved sidewards, length 15 cm
- **HARTMANN Nasal Speculum**, for children, length 13 cm
- **HALLE-TIECK Nasal Speculum**, for infants, length 13 cm
- **THUDICHUM Nasal Speculum**, self-retaining, medium, blade size 18 x 9.5 mm, length 6.5 cm
- **Same**, small, blade size 18 x 8.5 mm

Components/Spare Parts see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Nasal Specula

403240 – 403290

KILLIAN-STRUYCKEN Nasal Speculum, with set rack, blade length 40 mm, length 15 cm

403240

Same, blade length 55 mm

403255

Same, blade length 65 mm

403265

Same, blade length 75 mm

403275

Same, blade length 90 mm

403290

403340

KILLIAN-STRUYCKEN Nasal Speculum, with set screw, blade length 40 mm, length 13.5 cm

403340

Same, blade length 55 mm

403355

Same, blade length 75 mm

403375

Same, blade length 90 mm

403390

403540

KILLIAN-STRUYCKEN Nasal Speculum, standard model, blade length 40 mm, length 13.5 cm

403540

Same, blade length 55 mm

403555

Same, blade length 65 mm

403565

Same, blade length 75 mm

403575

Same, blade length 90 mm

403590

Components/Spare Parts see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Nasal Specula

403630 COTTLE Nasal Speculum, blade length 30 mm, length 13 cm
403655 Same, blade length 55 mm
403675 Same, blade length 75 mm
403690 Same, blade length 90 mm

403835 COTTLE Nasal Speculum, with set screw, blade length 35 mm, length 13 cm
403855 Same, blade length 55 mm
403875 Same, blade length 75 mm

403835 – 403875

404055 Nasal Speculum, with fiber optic light carrier, blade length 55 mm, length 13.5 cm

Components/Spare Parts see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Nasal Specula

404455 – 404475
404465
404475
404555 – 404575
404565
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

Further Models see pages 14-17
For use with Nasal Specula 404455 – 404475, 404555 – 404575

723017  Rotating Clamp, with holding rod for Flexible Tension Arms 723018 and 28162 FB, 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 instead of the holding rod.

Components/Spare Parts see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty
Cotton Applicators, Gauze Applicator, Balloon Catheters,
Nasal Dressing Forceps, Suction Tube

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>417013</td>
<td>Cotton Applicator, standard model, triangular, serrated, diameter 1.3 mm, length 15 cm</td>
</tr>
<tr>
<td>417017</td>
<td>Same, diameter 1.7 mm</td>
</tr>
<tr>
<td>417217</td>
<td>ZIEGLER Cotton Applicator, with thread, diameter 1.7 mm, length 17.5 cm</td>
</tr>
<tr>
<td>417600</td>
<td>FROHN Cotton Applicator, with thread, length 16 cm</td>
</tr>
<tr>
<td>420000</td>
<td>SIEBENMANN Gauze Applicator, length 18 cm</td>
</tr>
<tr>
<td>423700</td>
<td>REUTER Epistaxis Balloon Catheter, sterile, for single use</td>
</tr>
<tr>
<td>426516</td>
<td>JANSEN Nasal Dressing Forceps, bayonet-shaped, length 16.5 cm</td>
</tr>
<tr>
<td>426620</td>
<td>GRÜNWALD Nasal Dressing Forceps, bayonet-shaped, length 20 cm</td>
</tr>
<tr>
<td>426900</td>
<td>TRÖLTSCH Nasal Dressing Forceps, angular, working length 10 cm</td>
</tr>
<tr>
<td>203835</td>
<td>Suction Tube, conical, Luer, outer diameter 3.5 mm, working length 11 cm</td>
</tr>
</tbody>
</table>
Standard Instruments for Rhinology and Rhinoplasty

Nasal Dressing Forceps, Forceps

428001 HARTMANN Nasal Dressing Forceps, slender, working length 11 cm
428002 Same, standard size
430300 LUBET-BARBON Nasal Dressing Forceps, serrated, working length 10.5 cm
430500 YANKAUER Nasal Dressing Forceps, smooth, working length 8 cm
634822 HARTMANN Forceps, dismantling, with round cupped jaws, diameter 2.5 mm, working length 12.5 cm
634824 STRÜMPEL Forceps, dismantling, with oval and fenestrated cupped jaws, straight, width 2.5 mm, working length 12.5 cm
### Standard Instruments for Rhinology and Rhinoplasty

**Atomizers, Rubber Bulb and Nasal Mirror**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>436610</td>
<td><strong>Atomizer</strong>, straight, including graduated Container 10455 A for local anaesthetic, for use with Rubber Bulb 437000</td>
</tr>
<tr>
<td>437000</td>
<td><strong>Rubber Bulb</strong>, for Nasal Atomizer 436610, latex-free</td>
</tr>
<tr>
<td>437520</td>
<td><strong>DE VILBIS Nasal Atomizer</strong>, with adjustable tip, rubber bulb and large bottle</td>
</tr>
<tr>
<td>439200</td>
<td><strong>GLATZEL Nasal Mirror</strong>, (CZERMAK’s plate) for verification of nasal ventilation capacity, 13 x 20 cm</td>
</tr>
</tbody>
</table>

**Components/Spare Parts** see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty
Nasal Snares, Nasal Snare Wire and Nasal Scissors

Components/Spare Parts see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

RHINOFORCE® II Nasal Scissors and Nasal Cutting Forceps

RHINOFORCE® II Nasal Scissors, working length 13 cm

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, cutting blades curved downwards

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

455010 STRUYCKEN RHINOFORCE® II Nasal Cutting Forceps, with cleaning connector, working length 13 cm

Recommended Cleaning Rack 39220 CA for Instruments with Cleaning Connectors see page 28
Nasal Scissors, working lengths 11, 12 and 14 cm, dismantling

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

Nasal Scissors, ZÜRICH model, dismantling, straight, small model, cutting length 12 mm, working length 12 cm

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

Same, curved to right

Same, curved to left

Opening Aid 459999 for Scissors with Lugs (except Nasal Scissors 449251) see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Nasal Cutting Forceps

Nasal Cutting Forceps, working length 11 cm, dismantling

450001

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

450002
Same, size 2

450003
Same, size 3

453501
GRÜNWALD-HENKE Nasal Cutting Forceps, dismantling, size 1, working length 11 cm

453502
Same, size 2

Opening Aid 459999 for Nasal Cutting Forceps with Lugs see ENT catalog

11-98
Standard Instruments for Rhinology and Rhinoplasty

MONTGOMERY-YOUNGS RHINOFORCE® II Clip Applicators

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

Winner of the 2006 Cutlers’ 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

Recommended Cleaning Rack 39220 CA for Instruments with Cleaning Connectors see page 28
Standard Instruments for Rhinology and Rhinoplasty

Recommended Cleaning Rack for Instruments with Cleaning Connectors

39220 CA **Cleaning Rack**, for 12 instruments, for use with SILCUT® instruments and KLEINSASSER instruments with Luer connector

Please note: Wire trays and fixation pins are not included in the delivery of 39220 CA. Please order separately.

39502 Z **Wire Tray for Cleaning, Sterilization and Storage** of instruments, stackable, including hole plate walls and foldaway handles, external dimensions (w x d x h): 480 x 250 x 66 mm

39100 PS **Fixation Pin**, including screw and washer, to screw instruments into position in wire trays, height 38 mm, package of 12, for use with Silicone Tie-Downs 39360 AS

Please note: The instruments displayed in the wire tray are not included in delivery.
Standard Instruments for Rhinology and Rhinoplasty

Nasal Forceps

Nasal Forceps, working lengths 10.5 and 12.5 cm, dismantling

12.5 cm

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
Nasal Forceps

Nasal Forceps, working length 11 cm, dismantling

456100  Nasal Forceps, dismantling, straight, through-cutting, for a smooth cut, 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, dismantling, curved to right, through-cutting, for a smooth cut, BLAKESLEY shape, width 3.5 mm, working length 11 cm

456111 L  Same, curved to left

456120  Nasal Forceps, dismantling, 45° upturned, through-cutting, for a smooth cut, 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

Opening Aid 459999 for Forceps with Lugs see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Nasal Forceps

**NOYES-HARTMANN Nasal Forceps, working length 11 cm, dismantling**

[Image of NOYES-HARTMANN Nasal Forceps, dismantling, serrated jaws, working length 11 cm]

**BLAKESLEY Nasal Forceps, working lengths 11 and 15 cm, dismantling**

[Image of BLAKESLEY Nasal Forceps, dismantling, straight, size 0, working length 11 cm]

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

**Same, size 1**

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

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

**Same, size 3**

**Same, size 4**

*Opening Aid 459999 for Forceps with Lugs* see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Nasal Forceps

BLAKESLEY-WILDE Nasal Forceps, working length 11 cm, dismantling

11 cm

456502

456500 BLAKESLEY-WILDE Nasal Forceps, dismantling, 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, dismantling, 90° upturned, size 1, working length 11 cm

456802 Same, size 2

456803 Same, size 3

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

BLAKESLEY-WIGAND Nasal Forceps, working length, 11 cm, dismantling

457720 BLAKESLEY-WIGAND Nasal Forceps, dismantling, 60° upturned, long jaws 6 x 20 mm, rounded tips, working length 11 cm

Opening Aid 459999 for Forceps with Lugs see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Nasal Forceps

Nasal Forceps, working lengths 9.5, 11, 12.5 and 15 cm, dismantling

455500 TAKAHASHI *Nasal Forceps*, dismantling, straight, working length 9.5 cm

455500 L TAKAHASHI *Nasal Forceps*, dismantling, straight, diameter 3 mm, working length 15 cm

455504 TAKAHASHI *Nasal Forceps*, dismantling, straight, delicate, working length 12.5 cm

458000 WATSON-WILLIAMS *Nasal Forceps*, dismantling, straight, serrated, working length 11 cm

489045 FERRIS-SMITH *Nasal Forceps*, dismantling, serrated, working length 11 cm

**Opening Aid 459999 for Forceps with Lugs** see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Septum Forceps

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>465001</td>
<td>BRÜNINGS-LUC Septum Forceps, size 1, working length 11 cm</td>
</tr>
<tr>
<td>465002</td>
<td>Same, size 2</td>
</tr>
<tr>
<td>466000</td>
<td>CRAIG Septum Forceps, straight, working length 9 cm</td>
</tr>
<tr>
<td>466500</td>
<td>CRAIG-DOMNICK Septum Forceps, curved, working length 9 cm</td>
</tr>
<tr>
<td>467000</td>
<td>HEYMANN-KNIGHT Septum Forceps, straight, working length 11 cm</td>
</tr>
<tr>
<td>467500</td>
<td>JANSEN Septum Forceps, angular, not through-cutting, working length 9 cm</td>
</tr>
<tr>
<td>468000</td>
<td>JANSEN-MIDDLETON Septum Forceps, angular, through-cutting, working length 10 cm</td>
</tr>
</tbody>
</table>
Standard Instruments for Rhinology and Rhinoplasty
Septum Scissors, Forceps, Septum Morcelizer

468500 BECKER-CAPLAN Septum Scissors, with double joint, serrated, working length 9.5 cm
469000 KAZANJIAN Forceps, length 20 cm
469200 ROWLAND-MEYER Nasal Hump Forceps, with double joint, curved blades, length 20 cm
469600 RUBIN Septum Morcelizer, with double joint, working length 8.5 cm
Standard Instruments for Rhinology and Rhinoplasty

Elevators

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>474000</td>
<td>FREER Elevator, double-ended, semisharp and blunt, length 20 cm</td>
</tr>
<tr>
<td>474001</td>
<td>FREER Suction Elevator, with stylet, length 19 cm</td>
</tr>
<tr>
<td>474005</td>
<td>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</td>
</tr>
<tr>
<td>474007</td>
<td>FREER-YASARGIL Elevator, double-ended, length 18.5 cm</td>
</tr>
<tr>
<td>474010</td>
<td>HARALDSSON Suction Elevator, with rotatable tube olive, with scale, length 19 cm</td>
</tr>
<tr>
<td>474015</td>
<td>CASTELNUOVO Suction Elevator, flat tip 5 x 1.8 mm, lateral suction opening, bayonet-shaped, with grip plate, length 21 cm</td>
</tr>
<tr>
<td>474016</td>
<td>Same, flat tip 3 x 1.8 mm</td>
</tr>
<tr>
<td>474017</td>
<td>CASTELNUOVO Suction Elevator, flat tip 5 x 1.8 mm, lateral suction opening, bayonet-shaped, distal end curved, with grip plate, length 21 cm</td>
</tr>
<tr>
<td>474018</td>
<td>Same, 3 x 1.8 mm</td>
</tr>
<tr>
<td>474025</td>
<td>Elevator, double-ended, both sides sharp, length 22 cm</td>
</tr>
</tbody>
</table>
**Elevators**

- **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
Standard Instruments for Rhinology and Rhinoplasty

Elevators, Raspatories, Swivel Knives

477004  HALLE Elevator, blunt, width 4 mm, length 19 cm
477500  FREER Raspatory, curved, width 4 mm, length 16.5 cm
477703  BALLenger Swivel Knife, bayonet-shaped, width 3 mm, length 19.5 cm
477704  Same, width 4 mm
478000  JOSEPH Raspatory, slightly curved, length 17.5 cm
478303  McKENTY Raspatory, width 3 mm, length 14.5 cm
478304  Same, width 4 mm
478305  Same, width 5 mm
Standard Instruments for Rhinology and Rhinoplasty

Elevators, Raspatories, Chisels

479000  MASING Elevator, double-ended, graduated, sharp and blunt, length 22.5 cm
479100  COTTLE Elevator, double-ended, semisharp and blunt, graduated, length 20 cm
479200  COTTLE Raspatory, 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
Standard Instruments for Rhinology and Rhinoplasty

Mallets, Chisels

174200 COTTLE Metal Mallet, length 18 cm

174700 Metal Mallet, with plastic replacement head, small, lightweight model, length 18 cm

174800 Metal Mallet, with plastic replacement head, 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 ENT catalog
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
484242 Osteotome, straight, double-edged grinding, width 2 mm, length 19 cm
484244 Same, width 4 mm
487010 RUBIN Osteotome, flat, straight, double-edged grinding, rounded corners, with finger grip for osteotome guidance, width of cut 10 mm, length 16.5 cm
487012 Same, width 12 mm
487014 Same, width 14 mm
487016 Same, width 16 mm
484406  COTTLE Crossbar Chisel, graduated, single-edged grinding, curved, width 6 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
Standard Instruments for Rhinology and Rhinoplasty
Chisels, Osteotomes

- **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, 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
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
486222 BEHRBOHM-WALTER Micro Osteotome, extra delicate, long flat blade, double-edged grinding, with round handle and finger grip plate, width 2 mm, length 19 cm

Further Osteotomes and Chisels see pages 67, 72
Standard Instruments for Rhinology and Rhinoplasty

Knives

- 492900 FREER Nasal Knife, rounded edge, 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
- 496900 MASING Nasal Knife, curved, roundly tipped blade, length 14 cm
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, for single use, package of 100
208211  Same, Fig. 11
208215  Same, Fig. 15
496550  Surgical Handle, for miniature blades, round, length 16.5 cm, for Blades 496764 – 65
496764  Miniature Blade, Fig. 64, round, sterile, for single use, package of 25
496765  Same, Fig. 65, pointed
### Standard Instruments for Rhinology and Rhinoplasty

**Retractors, Hooks**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length/Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>498000</td>
<td>JOSEPH Retractor, length 15.5 cm</td>
<td></td>
</tr>
<tr>
<td>498400</td>
<td>COTTLE Retractor, narrow (standard model), length 14 cm</td>
<td></td>
</tr>
<tr>
<td>499001</td>
<td>KILNER-GILLIES Hook, one prong, small curve, length 17 cm</td>
<td></td>
</tr>
<tr>
<td>499003</td>
<td>Hook, one prong, large curve, length 18 cm</td>
<td></td>
</tr>
<tr>
<td>499101</td>
<td>Hook, one prong, large curve, length 16.5 cm</td>
<td></td>
</tr>
<tr>
<td>499201</td>
<td>JOSEPH Hook, one prong, sharp, large curve, length 15 cm</td>
<td></td>
</tr>
<tr>
<td>499202</td>
<td>JOSEPH Hook, two prongs, sharp, width 2 mm, length 15 cm</td>
<td></td>
</tr>
<tr>
<td>499205</td>
<td>Same, width 5 mm</td>
<td></td>
</tr>
<tr>
<td>499207</td>
<td>Same, width 7 mm</td>
<td></td>
</tr>
<tr>
<td>499210</td>
<td>Same, width 10 mm</td>
<td></td>
</tr>
<tr>
<td>499212</td>
<td>Same, small curve, width 12 mm</td>
<td></td>
</tr>
<tr>
<td>505000</td>
<td>COTTLE Retractor, two prongs, sharp prong on left, blunt prong on right, width 10 mm, length 14.5 cm</td>
<td></td>
</tr>
<tr>
<td>505100</td>
<td>Same, sharp prong on right, blunt prong on left</td>
<td></td>
</tr>
<tr>
<td>505200</td>
<td>COTTLE Retractor, two prongs, sharp, with thimble, width 10 mm, length 5.5 cm</td>
<td></td>
</tr>
<tr>
<td>505210</td>
<td>KILNER Ala Retractor, two prongs, sharp, width 10 mm, length 8.5 cm</td>
<td></td>
</tr>
<tr>
<td>505211</td>
<td>Same, blunt</td>
<td></td>
</tr>
<tr>
<td>505213</td>
<td>KILNER Ala Retractor, two prongs, sharp, width 13 mm, length 8.5 cm</td>
<td></td>
</tr>
<tr>
<td>505230</td>
<td>HARALDSSON Double Hook, two prongs, blunt, width 10 and 14 mm, length 8 cm</td>
<td></td>
</tr>
</tbody>
</table>
Standard Instruments for Rhinology and Rhinoplasty
Double-ended Retractors, Nasal Retractors

- **SENN Retractor**, double-ended, blunt, length 15 cm
- **SENN-MÜLLER Retractor**, double-ended, one side with 3 sharp prongs, other side with blunt blade, length 16 cm
- **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
- **NEIVERT Knife Guide and Retractor**, made of wire, one side with nostril retractor, other side with flat retractor, length 18 cm
- **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
- **FULEIHAN Nasal Retractor**, blade oval fenestrated, width of retractor blade 12 mm, length of retractor blade 53 mm, length 10 cm
- **RETTINGER Nasal Retractor**, width of retractor blade 11.5 mm, length of retractor blade 45 mm, with flat handle, length 10 cm
- **AUFRICHT Nasal Retractor**, width of retractor blade 8 mm, length of retractor blade 40 mm, length 16.5 cm
- **Same**, with fiber optic light carrier

Components/Spare Parts see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Scissors

“The Diamond Standard®” Scissors
Special Features:
- Good cutting quality
- Razor-sharp lower blade allows 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

449002 DS HEYMANN Nasal Scissors, medium (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
511210 DS Scissors, extra delicate, curved, sharp/sharp, length 10.5 cm, color code: one gold-plated handle ring
511414 DS JOSEPH Scissors, curved, length 14 cm, color code: one gold-plated handle ring
511514 DS METZENBAUM Scissors, curved, length 14.5 cm, color code: one gold-plated handle ring
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

513200 DS  WALTER Angular Scissors, length 10 cm, color code: one gold-plated handle ring

513512 DS  Scissors, sharp/sharp, length 12 cm, color code: one gold-plated handle ring

513700 DS  FOMON Dorsal Scissors, angular, slender, working length 6.5 cm, color code: one gold-plated handle ring
Scissors

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
511717  | DAVIS Scissors, curved, length 17 cm
511812  | KILNER Scissors, curved, flat tips, length 12.5 cm
511814  | Same, length 14 cm
512012  | FOMON Scissors, curved, length 12 cm
Standard Instruments for Rhinology and Rhinoplasty

Scissors

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, curved, blunt/blunt

512614 METZENBAUM Scissors, with tungsten carbide inserts, curved, length 14 cm

512618 Same, length 18 cm
Standard Instruments for Rhinology and Rhinoplasty

Scissors

513200 WALTER Angular Scissors, 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
513700 FOMON Dorsal Scissors, angular, serrated blades, slender, working length 6.5 cm
513800 COTTLE Dorsal Scissors, angular, serrated blades, robust, working length 8.5 cm
791813 REYNOLDS Scissors, curved, delicate tips, length 13 cm
791815 Same, length 15 cm
Standard Instruments for Rhinology and Rhinoplasty

Needle Holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>515017</td>
<td>Needle Holder, slight spring action, length 17 cm</td>
</tr>
<tr>
<td>515217</td>
<td>Needle Holder, intranasal, angled 15°, tungsten carbide inserts, length 17 cm</td>
</tr>
<tr>
<td>515515</td>
<td>CRILE-WOOD Needle Holder, length 15 cm</td>
</tr>
<tr>
<td>516012</td>
<td>HALSEY Needle Holder, tungsten carbide inserts, length 12 cm</td>
</tr>
<tr>
<td>516013</td>
<td>Same, length 15 cm</td>
</tr>
<tr>
<td>516015</td>
<td>Ryder Needle Holder, tungsten carbide inserts, extra delicate, length 13 cm</td>
</tr>
<tr>
<td>516113</td>
<td>Same, length 15 cm</td>
</tr>
<tr>
<td>516115</td>
<td>Same, length 17 cm</td>
</tr>
<tr>
<td>516117</td>
<td>Nadelhalter n. MAYO-HEGAR, Backen Hartmetall, besonders kräftig, Länge 15 cm</td>
</tr>
</tbody>
</table>
Standard Instruments for Rhinology and Rhinoplasty

Needle Holders

516513 NEIVERT-MASING Needle Holder, thumb ring upturned, one jaw with groove, length 13 cm

517000 MASING Needle Holder, dismantling, 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

799016 DRAF Micro Needle Holder, extra fine, coated jaws, matt finish, polished handle rings, length 16.5 cm
**Standard Instruments for Rhinology and Rhinoplasty**

**Rasps**

- **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
- **521411** BEHRBOHM Rasp, with diamond coating, 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
Standard Instruments for Rhinology and Rhinoplasty

Saws, Rasps

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>523000</td>
<td>JOSEPH Nasal Saw</td>
<td>Crosswise toothed, bayonet-shaped, right, length 18.5 cm</td>
</tr>
<tr>
<td>523100</td>
<td>Same, left</td>
<td></td>
</tr>
<tr>
<td>523600</td>
<td>Nasal Rasp</td>
<td>Double-ended, fine, length 21.5 cm</td>
</tr>
<tr>
<td>523700</td>
<td>Same, coarse (rasp)</td>
<td></td>
</tr>
<tr>
<td>523800</td>
<td>RAUNIG Nasal Rasp</td>
<td>Double-ended, with diamond coating, length 21.5 cm</td>
</tr>
<tr>
<td>523812</td>
<td>Nasal Rasp</td>
<td>Tungsten carbide, double-ended, rasp blades Fig. 1 and 2, coarse, length 20.5 cm</td>
</tr>
<tr>
<td>523834</td>
<td>Same, rasp blades Fig. 3 and 4, coarse and medium</td>
<td></td>
</tr>
<tr>
<td>523856</td>
<td>Same, rasp blades Fig. 5 and 6, medium</td>
<td></td>
</tr>
<tr>
<td>523878</td>
<td>Same, rasp blades Fig. 7 and 8, medium and fine</td>
<td></td>
</tr>
<tr>
<td>523891</td>
<td>Same, rasp blades Fig. 9 and 10, fine</td>
<td></td>
</tr>
</tbody>
</table>
Standard Instruments for Rhinology and Rhinoplasty
Bone Crusher, Bone and Cartilage Crusher, Metal Tray, Nasal Splints

COTTLE Bone Crusher, with clip, crusher size 5 x 1.5 cm
TOLSDORFF Bone and Cartilage Crusher, round, to press pieces of bone up to 4 cm evenly extended in all directions
Metal Tray, for preparing cartilage and bone, with eyelet for towel forceps, size 10 x 15 cm
Nasal Splint, DENVER model, aluminium, padded, with self-adhesive underside, small, size 56 x 30 mm, package of 10
Same, medium, size 64 x 36 mm
Same, large, size 66 x 45 mm

Components/Spare Parts see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Rule, Skin Measurement Caliper, Elevator

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>525500</td>
<td><strong>Rule</strong>, stainless steel, flexible, length 20 cm</td>
</tr>
<tr>
<td>525510</td>
<td><strong>CASTROVIEJO Skin Measurement Caliper</strong>,</td>
</tr>
<tr>
<td></td>
<td>measurement range 0 – 15 mm, length 8 cm</td>
</tr>
<tr>
<td>525800</td>
<td><strong>Elevator</strong>, robust model, for the repositioning of nasal fractures, length 17 cm</td>
</tr>
</tbody>
</table>

**Components/Spare Parts** see ENT catalog
Standard Instruments for Rhinology and Rhinoplasty

Septum Straigtening Forceps

528800 WALSHAM Septum Straightening Forceps, dismantling, length 21 cm

528860 ASCH Septum Straightening Forceps, angular, length 22 cm
Standard Instruments for Rhinology and Rhinoplasty

Suction Tubes

- **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
Standard Instruments for Rhinology and Rhinoplasty

Forceps

530416  "ATRAUMA" Atraumatic Tissue Forceps, width of jaws, length 16 cm
530420  "ATRAUMA" Atraumatic Tissue Forceps, width of jaws 2 mm, length 20 cm
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
532013  Tissue Forceps, straight, with 7 x 8 fine teeth, length 13 cm
532500  CASTROVIEJO Suture Forceps, 1 x 2 teeth, length 10.5 cm
ADSON Dressing Forceps, serrated, length 12 cm
ADSON Dressing Forceps, serrated, tungsten carbide inserts, length 12 cm
ADSON Tissue Forceps, 1 x 2 teeth, length 12 cm
ADSON Tissue Forceps, atraumatic, fine side grasping teeth, length 12 cm
ADSON-BROWN Tissue Forceps, atraumatic, fine side grasping teeth, tungsten carbide inserts, width 1.5 mm, length 12 cm
ADSON Tissue Forceps, serrated, 1 x 2 teeth, tungsten carbide inserts, length 12 cm
COTTLE Lower Lateral Forceps, bayonet-shaped, with set screw, serrated tips and teeth on the inside, length 15 cm
COTTLE Columella Clamp, length 11 cm
AIACH Recommended Set

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
Instruments for Cartilage Removal

SCHMÄL CARTCUT® Cartilage Cutter

Special Features:
- For reconstructive rhinoplasty with costal cartilage implantation
- Even cutting of cartilage implants at 1 or 2 mm thickness
- Time-savings due to easy preparation of the costal cartilage

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 ENT catalog
For storage and processing, Tray 39502 ZH and Silicone Mat 39100 SH are recommended.
Further accessories for cleaning and sterilization see HYGIENE catalog
Instruments for Cartilage Removal
Rib Shears, Raspatories

539500  GIERTZ-STILLE Rib Shears, length 25 cm
539520  DOYEN Raspatory, for adults, curved to right, length 16.5 cm
539521  Same, curved to left
Special Instruments for Rhinoplasty

NOLST TRENITÉ Recommended Set

488501   **Micro Osteotome**, straight, double-edged grinding, width 2 mm, length 18 cm
488502   Same, width 2.5 mm
488503   Same, width 3 mm
488504   Same, width 4 mm
488505   **Micro Osteotome**, straight, with rounded guard, width 2.2 mm, length 18 cm
488506   Same, width 3 mm
488507   Same, width 4 mm
488510   **Osteotome**, straight, double-edged grinding, rounded corners, with recessed grip, width of cut 10 mm, length 18 cm
488512   Same, width of cut 12 mm
488514   Same, width of cut 14 mm
488516   Same, width of cut 16 mm
488518   Same, width of cut 18 mm
Special Instruments for Rhinoplasty
NOLST TRENITÉ Recommended Set

488554  AUFRICHT Nasal Retractor, width of retractor blade 8.5 mm, length of retractor blade 45 mm, length 15 cm
488555  Hook, one prong, sharp, length 15 cm
488556  Hook, two prongs, sharp, length 15 cm
488558  Hook, two prongs, sharp, width 10 mm, length 12 cm
488560  JOSEPH Raspatory, length 20 cm
488566  Bone Rasp, tungsten carbide, double-ended, rasp blades fig. 5 and 6, medium, length 21 cm
488568  Bone Rasp, tungsten carbide, double-ended, rasp blades fig. 7 and 8, medium and fine, length 21 cm
488569  Gia bella Rasp, curved, push-pull cut, length 20 cm
Special Instruments for Rhinoplasty

NOLST TRENTÉ Recommended Set

- **488540** COTTLÉ Bone Crusher, with clip, crusher size 5 x 1.5 cm
- **488541** BLAKESLEY Nasal Forceps, dismantling, straight, size 1, working length 11 cm
- **488570** Needle Holder, tungsten carbide inserts, length 13 cm

Opening Aid 459999 for Forceps with Lugs see ENT catalog
Special Instruments for Rhinoplasty

NOLST TRENITÉ Recommended Set

488545  ADSON-BROWN Forceps, atraumatic, fine side grasping teeth, length 12 cm
488546  ADSON Forceps, serrated, length 12 cm
488547  ADSON Forceps, 1 x 2 teeth, length 12 cm
488550  WALTER Angular Scissors, length 10 cm
488551  Scissors, extra delicate, curved, length 10 cm
488552  Scissors, extra delicate, straight, length 10 cm
488553  KILNER Scissors, curved, flat tips, length 14 cm
Special Instruments for Rhinoplasty

BERGHAUS Recommended Set

488039  Chain and Weight
488040  Self-retaining Nasal Retractor
488051  Scissors, with small plate, curved, with tungsten carbide inserts, flat tips, sharp/sharp, extra delicate, special matt finish, length 13.5 cm
488052  Nasal Retractor, special matt finish, 9 x 23 mm
488061  Double Hook, with octagonal handle, with 2 strongly curved points, special matt finish, width 3.5 mm, length 16.5 cm
488062  YASARGIL Spring Hook, with bulldog clamp, for drape fixation, diameter of spring 9 mm, total length 27 cm
488063  Double Hook, with octagonal handle, with 2 strongly curved points, special matt finish, width 8.5 mm, length 16.5 cm
488064  Double Hook, with octagonal handle, with 2 strongly curved points, special matt finish, width 10.5 mm, length 16.5 cm
488075  Raspatory, with special distal grinding, special matt finish, length 18 cm

Components/Spare Parts see ENT catalog
Special Instruments for Rhinoplasty
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
488010  RUBIN Osteotome, flat, straight, double-edged grinding, rounded corners, with finger grip for 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, special matt finish, width 5 mm, length 16.5 cm
488022  Chisel, with finger button, flat, special matt finish, 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, special matt finish, length 11 cm
Special Instruments for Rhinoplasty

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, dismantling, 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 tips, sharp/sharp, extra delicate, length 13.5 cm
488050 KILNER Scissors, curved, flat tips, blunt/blunt, length 15.5 cm

Opening Aid 459999 for Forceps with Lugs see ENT catalog
Special Instruments for Rhinoplasty

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

- **AUFRICHT Nasal Retractor**, with side protector, length 16.5 cm
- **KILNER Ala Retractor**, two sharp points with button, width 10 mm, length 8.5 cm
- **Same**, width 13 mm
- **Ala Double Hook**, with octagonal handle, with 2 sharp points, strongly curved, width 2 mm, length 16.5 cm
- **BERGHAUS Ala Guiding Set**, consisting of 2 guiding instruments with distance markings 488065 A and 1 fixation block 488065 B
- **JOSEPH Raspatorium**, slightly curved, width 4 mm, length 17.5 cm
- **Same**, strongly curved, width 3.4 mm
- **FREER Elevator**, double-ended, sharp and blunt, length 20 cm
- **AUFRICHT Glabella Rasp**, double-ended, backward cutting, length 20.5 cm
- **Nasal Rasp**, double-ended, coarse, length 21.5 cm
- **RYDER Needle Holder**, tungsten carbide inserts, extra delicate and flat, length 18 cm
- **FERGUSON Suction Tube**, with cut-off hole and stylet, Luer, outer diameter 8 Fr./2.5 mm, working length 11 cm
- **Same**, outer diameter 10 Fr./3.5 mm
- **Same**, outer diameter 12 Fr./4 mm
- **Scalpel Handle**, no. 3, length 12.5 cm
Important Notes:

It is recommended to check the suitability of the product for the intended procedure prior to use.

Endoscopes and accessories contained in this catalog have been designed in part with the cooperation of physicians and are manufactured by the KARL STORZ group. If subcontractors are hired to manufacture individual components, these are made according to proprietary KARL STORZ plans or drawings. Furthermore, these products are subject to strict quality and control guidelines of the KARL STORZ group. Both contractual and general legal provisions prohibit subcontractors from supplying components manufactured by order of KARL STORZ to competitors.

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Standardized Design and Labeling

KARL STORZ participates both in national and international bodies involved in the development of standards for endoscopes and endoscopic accessories. Standardized design and development therefore have long been implemented consistently by KARL STORZ. The user can rest assured that all products by the KARL STORZ group have been designed and constructed not only in compliance with strict internal quality guidelines, but also with international standards. All data relevant for safe use, such as viewing direction, sizes and diameters, or notes regarding sterilization of telescopes, are applied to the instruments, have been formulated according to international standards, and therefore provide reliable information.

As we constantly seek to improve and modify our products, we reserve the right to make changes in design that vary from catalog descriptions.

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