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. Any assumptions that competitors' endoscopes and accessories are acquired from the same suppliers as the KARL STORZ products are not correct. Moreover, endoscopes and instruments provided by competitors are not manufactured according to the design specifications of KARL STORZ. This means it cannot be assumed that these endoscopes and accessories – even if they look identical on the outside – are constructed in the same manner and have been tested according to the same criteria.

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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KARL STORZ, therefore, is unable to ensure that such products are actually compatible with genuine KARL STORZ products or can be used with them without injury to the patient.
Standard Instruments

SCALPELS, LARYNGEAL MIRRORS AND MOUTH MIRRORS

PROBES, SUCTION AND IRRIGATION TUBES, COTTON APPLICATORS

SCISSORS, FORCEPS

FORCEPS, NEEDLE HOLDERS

RASPATORIES, ELEVATORS, MASTOID CURETTES, CURETTES

RETRACTORS

TONGUE DEPRESSORS, MOUTH GAGS

CHISELS, OSTEOTOMES, MALLETS

BONE HOLDING FORCEPS, RONGEURS, BONE LEVERS

DENTAL INSTRUMENTS, ROOT ELEVATORS, EXTRACTING FORCEPS

HOSPITAL SUPPLIES
Scalpels, Laryngeal Mirrors and Mouth Mirrors
# Scalpels and Surgical Handles

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<th>Code</th>
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<td>208000</td>
<td><strong>Surgical Handle</strong>, Fig. 3, length 12.5 cm, for Blades 208010 – 15, 208210 – 15</td>
<td>208210</td>
<td><strong>Blade</strong>, Fig. 10, sterile, package of 100</td>
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<tr>
<td>208001</td>
<td><strong>Round Surgical Handle</strong>, Fig. 3, length 15 cm, for Blades 208010 – 15, 208210 – 15</td>
<td>208211</td>
<td><strong>Same</strong>, Fig. 11</td>
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<td>208010</td>
<td><strong>Blade</strong>, Fig. 10, non-sterile, package of 100</td>
<td>208212</td>
<td><strong>Same</strong>, Fig. 12</td>
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<td>208011</td>
<td><strong>Same</strong>, Fig. 11</td>
<td>208213</td>
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<td>208012</td>
<td><strong>Same</strong>, Fig. 12</td>
<td>208215</td>
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<td>208013</td>
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<td>208321</td>
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<td>208015</td>
<td><strong>Same</strong>, Fig. 15</td>
<td>211804</td>
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<tr>
<td>208019</td>
<td><strong>Same</strong>, Fig. 19, sterile</td>
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<td><strong>Dual Purpose Scalpel Handle</strong>, elevator on one side, scalpel handle no. 7 on the other side, length 16 cm</td>
</tr>
<tr>
<td>208100</td>
<td><strong>Surgical Handle</strong>, Fig. 4, length 13.5 cm, for Blades 208019, 208120 – 21, 208320 – 21</td>
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<tr>
<td>208120</td>
<td><strong>Blade</strong>, for Handle 208100, Fig. 20, non-sterile, package of 100</td>
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<td>208121</td>
<td><strong>Same</strong>, Fig. 21</td>
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</table>
Scalpels and Surgical Handles

488090  Scalpel Handle, no. 3, length 12.5 cm
496400  Masing Surgical Handle, length 14 cm, for Blades 208010 – 15, 208210 – 15
496550  Surgical Handle, for miniature blades, round, length 16.5 cm, for Blades 496764 – 65
496764  Miniature Blade, Fig. 64, round, sterile, package of 25
496765  Same, Fig. 65, pointed
496770  Miniature Blade, angled 45°, pointed, sterile, width 3 mm, package of 3
748000  Surgical Handle, Fig. 7, length 16.5 cm, for Blades 208010 – 15, 208210 – 15
748100  Surgical Handle, Fig. 3L, length 21 cm, for Blades 208010 – 15, 208210 – 15
Laryngeal Mirrors and Mouth Mirrors

Mirrors illustrated in actual size

Size 00
Diameter 8 mm

Size 0
Diameter 10 mm

Size 1
Diameter 12 mm

Size 2
Diameter 14 mm

Size 3
Diameter 16 mm

Size 4
Diameter 18 mm

Size 5
Diameter 20 mm

Size 6
Diameter 22 mm

Size 7
Diameter 24 mm

Size 8
Diameter 26 mm

Size 9
Diameter 28 mm

Size 10
Diameter 30 mm
Laryngeal Mirrors
with RHODIUM Front Surface

Special Features:
● Autoclavable
● Resistant
● Durable

Laryngeal Mirror with RHODIUM coating, autoclavable,
with unscrewable hexagonal handle, size 0 – 10

767900 – 767910

Laryngeal Mirror, with RHODIUM coating,
auclovable, with unscrewable hexagonal handle,
set of 11 mirrors, nos. 767900 – 767910, sizes 0 – 10

767911

Laryngeal Mirror, with RHODIUM coating,
auclovable, mirror only, stem with thread, for use
with hexagonal Handles 767900 – 767910 and 769950

768000 – 768010

Laryngeal Mirror with RHODIUM coating,
auclovable, mirror only, stem with thread, for use
with hexagonal Handles 767900 – 767910 and 769950

768100 – 768110

Laryngeal Mirror with RHODIUM coating,
auclovable, without handle, stem without thread,
sizes 0 – 10, for use with Handles 770500/770600

770500

Handle, with set screw, length 10.5 cm, for Laryngeal
Mirrors 768100 – 768110, 770100 – 770120

770600

Same, with central screw fixing, length 11.5 cm

For the actual size of the laryngeal mirror see page 8
Laryngeal Mirrors and Mouth Mirror

Standard Version

**Laryngeal Mirror**, with removable hexagonal handle, sizes 00 – 10

769921  **Laryngeal Mirror**, with unscrewable hexagonal handle, set of 12 mirrors, nos. 769900 – 769920, sizes 00 – 10

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**Laryngeal Mirror**, mirror only, stem with thread, sizes 00 – 10, can be screwed on Handles 769900 – 769920 and 769950

---

**Laryngeal Mirror**, without handle, stem without thread, sizes 00 – 10

---

**Mouth Mirror**, non-magnifying, diameter 22 mm, for use with Handle 58950 G

**Handle for Mouth Mirrors**, length 12.5 cm, for use with Mouth Mirror 58950 ES

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For the actual size of the laryngeal mirror and mouth mirror see page 8
Probes, Suction and Irrigation Tubes, Cotton Applicators
Probes

745700  SEIFFERT Probe, for salivary duct, silver, extra delicate, diameter 0.5 mm, length 18 cm
745830  BOWMAN Probe, for salivary duct, size 0000 – 000, diameter 0.5 and 0.6 mm, length 13 cm
745800  Same, size 00 – 0, diameter 0.7 and 0.8 mm
745802  Same, size 1 – 2, diameter 0.9 and 1.1 mm
745804  Same, size 3 – 4, diameter 1.3 and 1.4 mm
745900  WILDER Dilator, for salivary duct, length 11 cm
797114  Myrtle Leaf Probe, diameter 1.5 mm, length 14.5 cm
797116  Myrtle Leaf Probe, diameter 2 mm, length 16 cm
797214  Bulbous Probe, diameter 1.5 mm, length 14.5 cm
797314  Grooved Director, length 14.5 cm
Suction Tubes

- **Suction Tube**, angular, cylindrical, LUER, outer diameter 2.7 mm, working length 8 cm
- **Same**, outer diameter 3 mm
- **Suction Tube**, angular, with grip plate and cut-off hole, LUER, outer diameter 2 mm, working length 9 cm
- **Same**, outer diameter 2.5 mm
- **Same**, outer diameter 3 mm
- **Same**, outer diameter 3.5 mm
- **BARON Suction Tube**, angular, with grip plate, cut-off hole and stylet, LUER-Lock, outer diameter 1 mm, working length 7.5 cm
- **Same**, outer diameter 1.7 mm
- **Same**, outer diameter 2.3 mm
- **Suction Tube**, angular, conical, LUER, with grip plate, outer diameter 3 mm, working length 11 cm
- **Same**, outer diameter 3.5 mm
- **BARNES Suction Tube**, with cut-off hole, LUER-Lock, outer diameter 1.5 mm, working length 5 cm
- **Same**, outer diameter 1.7 mm
- **Same**, outer diameter 2 mm
Suction Tubes

- 203705 Suction Tube, cylindrical, LUER, outer diameter 0.5 mm, working length 9 cm
- 203707 Same, outer diameter 0.7 mm
- 203710 Same, outer diameter 1 mm
- 203715 Same, outer diameter 1.5 mm
- 203720 Same, outer diameter 2 mm
- 203725 Suction Tube, cylindrical, LUER, outer diameter 2.5 mm, working length 7 cm
- 203725 K Same, working length 11 cm
- 203725 – 203750 Suction Tube, cylindrical, LUER, outer diameter 3 mm, working length 11 cm
- 203720 Suction Tube, straight, cylindrical, outer diameter 4 mm, length 22.5 cm
- 203725 K Suction Tube, curved, conical, outer diameter 4.5 mm, length 20 cm
- 203725 Suction Tube, curved, with olive, outer diameter 6 mm, length 19 cm

- 203830 Suction Tube, conical, LUER, outer diameter 3 mm, length 22.5 cm
- 203835 Same, outer diameter 3.5 mm
- 203840 Suction Tube, conical, LUER, outer diameter 4.5 mm, working length 13 cm
- 203845 Same, outer diameter 4 mm
- 203850 Same, outer diameter 5 mm
- 203830 Suction Tube, malleable, LUER, outer diameter 3 mm, length 22.5 cm
- 203840 Same, outer diameter 4 mm, length 22.5 cm
- 203845 Same, outer diameter 4.5 mm, length 20 cm
- 203850 Suction Tube, curved, conical, outer diameter 6 mm, length 19 cm
Suction Tubes

204001  **Suction Handle**, with cut-off hole, Luer cone, length 10 cm, for use with Suction Tubes 204005 – 204025, 204305 – 204330

204004  **WULLSTEIN Suction Handle**, with cut-off hole, Luer cone, length 10 cm, for use with Suction Tubes 204005 – 204025, 204305 – 204330

204005  **Suction Tube**, angular, Luer-Lock, outer diameter 0.5 mm, working length 6 cm

204007  **Same**, outer diameter 0.7 mm

204008  **Same**, outer diameter 0.8 mm

204010  **Same**, outer diameter 1 mm

204013  **Same**, outer diameter 1.3 mm

204015  **Same**, outer diameter 1.5 mm

204020  **Same**, outer diameter 2 mm

204025  **Same**, outer diameter 2.5 mm

204200  **Suction Handle**, with cut-off hole, Luer cone, length 5.5 cm, for use with Suction Tubes 204005 – 204025, 204305 – 204330

204250  **Suction Handle**, with long thumb grip, cut-off hole diameter 1 mm, inner diameter 1.7 mm, Luer cone, length 5.5 cm, for use with Suction Tubes 204352 – 204354

204305  **Suction Tube**, straight, Luer-Lock, malleable, outer diameter 0.5 mm, length 10 cm

204307  **Same**, outer diameter 0.7 mm

204310  **Same**, outer diameter 1 mm

204313  **Same**, outer diameter 1.3 mm

204315  **Same**, outer diameter 1.5 mm

204320  **Same**, outer diameter 2 mm

204325  **Same**, outer diameter 2.5 mm

204330  **Same**, outer diameter 3 mm

204352  **Suction Tube**, angular, malleable, Luer-Lock, outer diameter 0.7 mm, working length 7 cm, for use with Handle 204250

204354  **Same**, outer diameter 1 mm

204360  **Suction Tube**, curved 6 mm, Luer-Lock, outer diameter 0.8 mm, length 10 cm

204361  **Irrigation Cannula**, curved 6 mm, Luer-Lock, outer diameter 1 mm, length 10 cm

204362  **Suction Tube**, curved 6 mm, Luer-Lock, outer diameter 1.2 mm, length 10 cm

204365  **Same**, curved 8 mm

204366  **Same**, curved 8 mm, outer diameter 1.6 mm
Suction and Irrigation Tubes

204405  PLESTER Suction Tube, with grip plate, cut-off hole and stylet, LUER, 5 Fr., length 20 cm
204407  Same, 7 Fr.
204408  Same, 8 Fr.
204409  Same, 9 Fr.
204500  WULLSTEIN Suction and Irrigation Tube, conical, silver, LUER, outer diameter 1 mm, length 13 cm
204615  Suction and Irrigation Tube, cylindrical, silver, LUER, outer diameter 1.5 mm, length 13 cm
204620  Suction and Irrigation Tube, cylindrical, silver, LUER, outer diameter 2 mm, length 15 cm
204700  ZÖLLNER Suction Tube, LUER-Lock, outer diameter 2.5 mm, length 13 cm
204705  Suction Tip, for 204700, outer diameter 0.5 mm, length 4 cm
204706  Same, outer diameter 0.6 mm
204707  Same, outer diameter 0.7 mm
204709  Same, outer diameter 0.9 mm
204712  Same, outer diameter 1.2 mm

204806  FERGUSON Suction Tube, with cut-off hole and stylet, LUER, 6 Fr., working length 11 cm
204808  Same, 8 Fr.
204809  Same, 9 Fr.
204810  Same, 10 Fr.
204812  Same, 12 Fr.
204815  Same, 15 Fr.
204808  Same, 8 Fr.
204809  Same, 9 Fr.
204810  Same, 10 Fr.
204812  Same, 12 Fr.
204815  Same, 15 Fr.

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
Cotton Applicators

10384 AL | 151007 – 151013 | 151213 | 151500 | 152400 | 600800 | 726000 | 770800 | 8596 W | 8596 WJ | 8596 WK
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
10384 A/B | Cotton Applicator, working length 55 cm
10384 A | Cotton Applicator, working length 50 cm
10384 B | Cotton Applicator, working length 35 cm
151007 | Cotton Applicator, standard model, triangular serrated, diameter 0.7 mm, working length 13 cm
151009 | Same, diameter 0.9 mm
151011 | Same, diameter 1.1 mm
151013 | Same, diameter 1.3 mm
151213 | Cotton Applicator, with thread, diameter 1.3 mm, working length 17.5 cm
151500 | FROHN Cotton Applicator, with thread, working length 12.5 cm
152400 | JOBSON-HORNE Probe, working length 18 cm
600800 | Cotton Applicator, for anesthesia, triangular serrated, outer diameter 0.9 mm, working length 8 cm
726000 | Postnasal Applicator, working length 22 cm
770800 | PELTESON Cotton Applicator, working length 27 cm
8596 W | Cotton Applicator, straight, working length 25 cm
8596 WJ | Cotton Applicator, for endolaryngeal microsurgery, straight, working length 21 cm
8596 WK | Same, working length 18 cm
Scissors, Forceps
Scissors

- **213111** Scissors, angled, very delicate, sharp/sharp, length 11 cm
- **213200** Scissors, curved, sharp/blunt, length 12 cm
- **213314** WULLSTEIN Scissors, curved, sharp/sharp, length 14 cm
- **213410** Scissors, extra delicate, curved, sharp/sharp, length 10.5 cm
- **213411** Scissors, fine, curved, sharp/sharp, length 10.5 cm
- **227600** GUILFORD-WRIGHT Wire Cutter, serrated, length 10 cm
- **488049** KILNER Scissors, curved, with tungsten carbide inserts, flat end, sharp/sharp, extra delicate, length 13.5 cm
- **799614** Micro Scissors, with round spring handle, straight, serrated cutting edge, length 14 cm
- **799616** Same, length 16 cm
- **799618** Same, length 18 cm
- **799714** Micro Scissors, with round spring handle, curved, serrated cutting edge, length 14 cm
- **799716** Same, length 16 cm
- **799718** Same, length 18 cm
Scissors

- 488050: KILNER Scissors, curved, flat end, blunt/blunt, length 15.5 cm
- 449002: HEYMANN Nasal Scissors, medium (standard model), working length 9.5 cm
- 449002 DS: HEYMANN Nasal Scissors, medium (standard model), working length 9.5 cm, color code: one gold-plated handle ring
- 511010: Scissors, extra delicate, straight, length 10 cm
- 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: Scissors, extra delicate, curved, length 10 cm
- 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
- 511314: JOSEPH Scissors, straight, length 14 cm
- 511414: JOSEPH Scissors, curved, length 14 cm
- 511414 DS: Same, color code: one gold-plated handle ring
- 511414 DST: Same, with titanium nitride coating, color code: copper
Scissors

511514 METZENBAUM Scissors, curved, length 14 cm
511514 DS Same, color code: one gold-plated handle ring
511514 DST Same, with titanium nitride coating, color code: copper
511515 METZENBAUM Scissors, straight, length 14 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 end, length 12.5 cm
511812 DST Same, with tungsten carbide inserts, with titanium nitride coating, color code: copper
511814 KILNER Scissors, curved, flat end, length 14 cm
512012 FOMON Scissors, curved, length 12 cm
512111 Scissors, with tungsten carbide inserts, blunt/blunt, curved, double-edged grinding, semisharp outer edge for dissection, length 11.5 cm
Scissors

512211 Scissors, with tungsten carbide inserts, straight, sharp/sharp, length 11 cm

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 Scissors, with tungsten carbide inserts, curved, sharp/sharp, length 11 cm

512311 DS Same, color code: one black handle ring, one gold-plated handle ring

512311 DST Same, with titanium nitride coating, color code: copper

512411 Scissors, with tungsten carbide inserts, straight, blunt/blunt, length 11 cm

512511 Same, curved

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

512614 DS Same, 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 METZENBAUM Scissors, with tungsten carbide inserts, curved, length 18 cm

512618 DS Same, color code: one black handle ring, one gold-plated handle ring

512618 DST Same, with titanium nitride coating, color code: copper
Scissors

METZENBAUM Scissors, delicate, with tungsten carbide inserts, curved, length 20 cm
METZENBAUM Scissors, with tungsten carbide inserts, curved, robust model, length 14 cm
METZENBAUM Scissors, with tungsten carbide inserts, curved, robust model, length 18 cm
METZENBAUM Scissors, with tungsten carbide inserts, curved, very robust model, length 14.5 cm
METZENBAUM Scissors, with tungsten carbide inserts, curved, very robust model, length 18 cm
Scissors, angled, length 10 cm
Scissors, angled, blunt, length 10 cm
Stevens Scissors, curved, length 10.5 cm

Same, robust model
Same, color code: one black handle ring, one gold-plated handle ring
Same, color code: one gold-plated handle ring
Same, with titanium nitride coating, color code: copper
Same, straight
Scissors

513410 COTTLE Scissors, curved, length 10.5 cm
513410 DS Same, color code: one gold-plated handle ring
513410 DST Same, with titanium nitride coating, color code: copper

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

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
513700 DS Same, color code: one gold-plated handle ring
Scissors

- **COTTLE Dorsal Scissors**, angular, serrated blades, robust, working length 8.5 cm
- **CHADWICK Scissors**, curved, length 12.5 cm
- **KELLY Scissors**, sharp/sharp, curved, length 15.5 cm
- **LOCKLIN Gum Scissors**, serrated, length 16 cm
- **Scissors for Salivary Duct**, delicate, with ball end, length 10 cm
- **Same**, with titanium nitride coating, color code: copper

![Image of various types of scissors]
Scissors

752500    GOOD Scissors, length 19.5 cm
752700    BOETTCHER Scissors, length 18.5 cm
752800    Same, pointed
752840    DEAN Scissors, angled cutting blades, serrated, pointed, length 17 cm
752918    METZENBAUM Scissors, curved, length 18 cm
752920    METZENBAUM Scissors, curved, length 20 cm
752923    Same, length 23 cm
752928    Same, length 28 cm
Scissors

754350  **Wire Cutting Scissors**, serrated, length 12.5 cm
754355  BEEBEE **Wire Cutting Scissors**, straight, length 10.5 cm
790501  **Scissors**, straight, sharp/sharp, length 13 cm
790502  **Same**, sharp/blunt
790503  **Same**, blunt/blunt
790801  **Scissors**, straight, sharp/sharp, length 14.5 cm
790802  **Scissors**, straight, sharp/blunt, length 14.5 cm
790802 DS  **Same**, color code: one gold-plated handle ring
790803  **Scissors**, straight, blunt/blunt, length 14.5 cm
790902  **Scissors**, with tungsten carbide inserts, straight, sharp/blunt, length 14.5 cm
790902 DS  **Same**, color code: one black handle ring, one gold-plated handle ring
Scissors

791001 Scissors, curved, sharp/sharp, length 13 cm
791002 Scissors, curved, sharp/blunt, length 13 cm
791002 DS Same, color code: one gold-plated handle ring
791003 Scissors, curved, blunt/blunt, length 13 cm
791003 DS Same, blunt/blunt
791003 DST Same, with titanium-nitride coating, color code: copper
791001 Scissors, curved, sharp/sharp, length 14.5 cm
791201
791002 Scissors, curved, sharp/blunt, length 14.5 cm
791202
791002 DS Same, color code: one gold-plated handle ring
791202 DS
791003 Scissors, curved, blunt/blunt, length 14.5 cm
791302
791203
791302 DS Scissors, curved, sharp/blunt, length 14.5 cm
791302 DS
791302 DST Scissors, with tungsten carbide inserts, curved, sharp/blunt, length 14.5 cm
791302 DST
1-08
<table>
<thead>
<tr>
<th>Code</th>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>791500</td>
<td>Stitch Scissors, straight,</td>
<td>sharp/sharp, length 12.5 cm</td>
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<tr>
<td>791600</td>
<td>Same, curved</td>
<td></td>
</tr>
<tr>
<td>791618</td>
<td>Ligature Scissors, with tungsten</td>
<td>carbide inserts, curved, lower blade serrated, length 18 cm, color code: one black handle ring, one gold-plated handle ring</td>
</tr>
<tr>
<td>791709</td>
<td>SPENCER Stitch Scissors,</td>
<td>length 9 cm</td>
</tr>
<tr>
<td>791711</td>
<td>WEERDA Stitch Scissors,</td>
<td>laterally angled, length 11 cm</td>
</tr>
<tr>
<td>791803</td>
<td>JAMESON Scissors, curved,</td>
<td>pointed, delicate tips, length 15.5 cm</td>
</tr>
<tr>
<td>791813</td>
<td>REYNOLDS Scissors, curved,</td>
<td>delicate tips, length 13 cm</td>
</tr>
<tr>
<td>791815</td>
<td>REYNOLDS Scissors, curved,</td>
<td>delicate tips, length 15 cm</td>
</tr>
<tr>
<td>791815 DS</td>
<td>Same, color code: one</td>
<td>gold-plated handle ring</td>
</tr>
<tr>
<td></td>
<td>gold-plated handle ring</td>
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</tbody>
</table>
Scissors

791821 STEVENS Scissors, curved, very robust model, length 11.5 cm
791903 MAYO Scissors, straight, length 15 cm
791913 Same, with tungsten carbide inserts
791905 MAYO Scissors, straight, length 17 cm
792003 MAYO Scissors, curved, length 15 cm
792013 Same, with tungsten carbide inserts
792005 MAYO Scissors, curved, length 17 cm
792013 DS MAYO Dissecting Scissors, with tungsten carbide inserts, curved, length 15 cm, color code: one black handle ring, one gold-plated handle ring
792013 DST Same, with titanium-nitride coating, length 14.5 cm, color code: copper
792026 MAYO-LEXER Scissors, with tungsten carbide inserts, curved, narrow blades, length 16 cm
792071 TOENNIS Dissecting Scissors, fine model, straight, blunt/blunt, length 18 cm
792080 POTTS-SMITH Dissecting Scissors, curved, blunt/blunt, length 19 cm
### Forceps

<table>
<thead>
<tr>
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<tr>
<td>156000</td>
<td>LUCAE <strong>Ear Forceps</strong>, bayonet-shaped, length 14.5 cm</td>
</tr>
<tr>
<td>213500</td>
<td><strong>Tissue Forceps</strong>, 1 x 2 teeth, length 11.5 cm</td>
</tr>
<tr>
<td>214000</td>
<td><strong>WULLSTEIN Forceps</strong>, serrated, length 15 cm</td>
</tr>
<tr>
<td>214000 F</td>
<td><strong>Same</strong>, soft spring-action</td>
</tr>
<tr>
<td>214200</td>
<td><strong>WULLSTEIN Forceps</strong>, 1 x 2 teeth, length 15 cm</td>
</tr>
<tr>
<td>214500</td>
<td><strong>Jeweler Forceps</strong>, fine, pointed, length 11 cm</td>
</tr>
<tr>
<td>214500 F</td>
<td><strong>Same</strong>, soft spring-action</td>
</tr>
<tr>
<td>214503</td>
<td><strong>Suture Forceps</strong>, angled, length 11 cm</td>
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<tr>
<td>799814</td>
<td><strong>NEW</strong> <strong>Micro Ring Forceps</strong>, with round spring handle, straight, coated, length 14 cm</td>
</tr>
<tr>
<td>799818</td>
<td><strong>NEW</strong> <strong>Same</strong>, length 18 cm</td>
</tr>
<tr>
<td>799914</td>
<td><strong>NEW</strong> <strong>Micro Forceps</strong>, with round spring handle, straight, coated, length 14 cm</td>
</tr>
<tr>
<td>799916</td>
<td><strong>NEW</strong> <strong>Same</strong>, length 16 cm</td>
</tr>
</tbody>
</table>
Forceps

426516  JANSEN Nasal Dressing Forceps, bayonet-shaped, length 16.5 cm
426620  GRÜNWALD Nasal Dressing Forceps, bayonet-shaped, length 20 cm
426900  TRÖLTSCH Nasal Dressing Forceps, angular, working length 10 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
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
**Forceps**

- **532013** Tissue Forceps, straight, with 7 x 8 fine teeth, length 13 cm
- **532018** STÖVER Tissue Forceps, straight, with 7 x 8 fine teeth, length 18 cm
- **533012** ADSON Dressing Forceps, serrated, length 12 cm
- **533013** Same, micro-model
- **533022** Same, tungsten carbide inserts
- **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
- **533312** ADSON Tissue Forceps, serrated, 1 x 2 teeth, length 12 cm
- **533322** ADSON Tissue Forceps, serrated, 1 x 2 teeth, tungsten carbide inserts, length 12 cm
Forceps

662721  ALLIS Forceps, with fine teeth, length 20 cm
745715  Dressing Forceps, angled, length 15 cm
745716  Tissue Forceps, angled, with 1 x 2 teeth, length 15 cm
750000  Forceps, serrated, width 4 mm, length 20 cm
750001  Forceps, serrated, width 1.8 mm, length 20 cm
750111  Tissue Forceps, 1 x 2 teeth, width 2 mm, length 20 cm
750112  Tissue Forceps, 1 x 2 teeth, width 3.5 mm, length 20 cm
750123  Tissue Forceps, 2 x 3 teeth, width 4.5 mm, length 20 cm
750134  Tissue Forceps, 3 x 4 teeth, width 4.5 mm, length 20 cm
Forceps

- 792301 Dressing Forceps, standard width, length 13 cm
- 792302 Same, medium
- 792303 Same, narrow
- 792314 Dressing Forceps, tungsten carbide inserts, width 1.8 mm, length 14.5 cm
- 792318 Same, length 18 cm
- 792320 Atraumatic Tissue Forceps, tungsten carbide inserts, serrated, length 20 cm
- 792401 Dressing Forceps, standard width, length 14.5 cm
- 792402 Same, medium
- 792403 Same, narrow
- 792601 Dressing Forceps, standard width, length 16 cm
- 792602 Dressing Forceps, medium, length 16 cm
- 792603 Dressing Forceps, narrow, length 16 cm
<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>793215</td>
<td>HELMS Forceps, pointed, atraumatic, for suturing and grasping of delicate tissue, with long, slender front part for greater depth of field, length 15 cm</td>
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<tr>
<td>793216</td>
<td>GILLIES Tissue Forceps, serrated, 1 x 2 teeth, length 15.5 cm</td>
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<tr>
<td>793220</td>
<td>WAUGH Tissue Forceps, serrated, 1 x 2 teeth, length 20 cm</td>
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<tr>
<td>793225</td>
<td>Same, length 25 cm</td>
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<tr>
<td>793301</td>
<td>Tissue Forceps, 1 x 2 teeth, standard width, length 13 cm</td>
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<tr>
<td>793302</td>
<td>Same, medium</td>
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<tr>
<td>793303</td>
<td>Same, narrow</td>
</tr>
<tr>
<td>793303 F</td>
<td>Same, slender, soft spring</td>
</tr>
<tr>
<td>793401</td>
<td>Tissue Forceps, 1 x 2 teeth, standard width, length 14.5 cm</td>
</tr>
<tr>
<td>793402</td>
<td>Same, medium</td>
</tr>
<tr>
<td>793403</td>
<td>Tissue Forceps, 1 x 2 teeth, narrow width, length 14.5 cm</td>
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<tr>
<td>793601</td>
<td>Tissue Forceps, 1 x 2 teeth, standard width, length 16 cm</td>
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<tr>
<td>793602</td>
<td>Same, medium</td>
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<tr>
<td>793603</td>
<td>Same, narrow</td>
</tr>
<tr>
<td>793611</td>
<td>Tissue Forceps, 1 x 2 teeth, width 3 mm, length 16 cm</td>
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<tr>
<td>793623</td>
<td>Tissue Forceps, 2 x 3 teeth, width 4.2 mm, length 16 cm</td>
</tr>
<tr>
<td>793918</td>
<td>WAUGH Tissue Forceps, 1 x 2 teeth, length 18 cm</td>
</tr>
</tbody>
</table>
Forceps, Needle Holders
498822 AIACH Cartilage Graft Forceps, for grasping and preparation of cartilage, with slotted jaws, length 15 cm

535010 Baby “Mosquito” Forceps, straight, extra slender, length 10 cm

535012 HALSTEAD “Mosquito” Artery Forceps, straight, length 12.5 cm

535112 Same, micro-model

535212 HALSTEAD “Mosquito” Artery Forceps, curved, length 12.5 cm

535312 Same, micro-model

535412 HALSTEAD “Mosquito” Artery Forceps, straight, 1 x 2 teeth, length 12.5 cm

535512 Same, micro-model

535612 Same, curved

535712 Same, micro-model, curved

535418 HALSTEAD “Mosquito” Artery Forceps, straight, 1 x 2 teeth, length 18 cm

535618 Same, curved

535812 DE BAKEY “Mosquito” Artery Forceps, atraumatic, curved, length 12 cm

536014 Artery Forceps, PROVIDENCE model, delicate, straight, length 14 cm

536214 Same, curved
**Forceps**

- **536414**
  - CRILE Artery Forceps, straight, length 14 cm
  - **Same**, curved

- **536514**
  - **Same**, length 16 cm

- **536814**
  - KELLY Artery Forceps, straight, length 14 cm
  - **Same**, curved, length 14 cm

- **536816**
  - **Same**, curved, length 14 cm

- **536909**
  - **Same**, length 16 cm

- **536914**
  - Dissecting and Ligature Forceps, straight, smooth jaws, length 9.5 cm
  - KELLY Artery Forceps, curved, length 14 cm

- **536916**
  - **Same**, length 16 cm

- **537014**
  - Dissecting Forceps, straight, without ratchet, length 14 cm
  - **Same**, slightly curved

- **53714**
  - **Same**, strongly curved

- **537222**
  - Artery Forceps, slightly curved, without ratchet, length 22.5 cm

- **537214**
  - Bulldog Clamp, curved, length 4.5 cm

- **537314**
  - **Same**, curved, length 4 cm

- **539327**
  - DIEFENBACH Bulldog Clamp, curved, length 4 cm
Forcips

754518 MIKULICZ Forceps, slender, 1x 2 teeth, length 18 cm
754520 Same, robust, length 20 cm
754618 "Mosquito" Forceps, extra slender, serrated, straight, length 18 cm
754718 Same, curved
754719 SCHNIDT Forceps, slightly curved, serrated, length 19 cm
754729 SCHNIDT Forceps, slightly curved, serrated, 1 x 2 teeth, length 19 cm
754920 OVERHOLT-GEISSENDORFER Forceps, curved, serrated, size 0, length 21 cm
**Forceps**

- **HALLE-BIRKETT Forceps**, slender, straight, length 20 cm
- **NEGUS Forceps**, large curve, length 20 cm
- **NEGUS Forceps**, small curve
- **Forceps**, for parotidectomy, KIEL model, angled, length 17 cm
- **Parotid Spreading Forceps**, curved, fine, length 14 cm
- **ROCHESTER-PEAN Artery Forceps**, straight, length 14 cm
- **ROCHESTER-PEAN Artery Forceps**, same, length 16 cm
- **ROCHESTER-PEAN Artery Forceps**, same, length 18 cm
- **ROCHESTER-PEAN Artery Forceps**, same, length 20 cm
- **ADSON Artery Forceps**, curved 90°, slender, length 18 cm
**Forceps**

- **795015 ALLIS Forceps**, 4 x 5 teeth, length 15 cm
- **795016 Same**, 5 x 6 teeth
- **795115 BRAUN Hook Forceps**, 4 x 4 teeth, length 15.5 cm
- **79520**
- **795720 GROSS-MAIER Dressing and Sponge Holding Forceps**, straight, with groove, without ratchet, length 20 cm
- **795820 GROSS Dressing and Sponge Holding Forceps**, straight, with ratchet, length 20 cm
- **795826 MAIER Dressing and Sponge Holding Forceps**, straight, with ratchet, length 26.5 cm
- **795890 Foreign Body Forceps**, slightly curved, serrated, with ratchet, length 21 cm

- **795890**
- **794514 OCHSNER-KOCHER Artery Forceps**, straight, 1 x 2 teeth, length 14 cm
- **794516 Same**, length 16 cm
- **794518 Same**, length 18 cm
- **794520 Same**, length 20 cm
- **794814 OCHSNER-KOCHER Artery Forceps**, curved, 1 x 2 teeth, length 14 cm
- **794816 Same**, length 16 cm
- **794818 Same**, length 18 cm
- **794818**

- **794814 – 794818**
- **Same**, length 20 cm

- **794816 – 794818**
- **Same**, length 18 cm

- **795015 – 795020**
- **Same**, length 16 cm

- **795720 GROSS MAIER Dressing and Sponge Holding Forceps**, straight, with ratchet, length 20 cm

- **795820**

- **795820**

- **795826 MAIER Dressing and Sponge Holding Forceps**, straight, with ratchet, length 26.5 cm
Forceps

795012 BABY-ALLIS Tissue Forceps, 4 x 5 teeth, length 14 cm
748200 Dressing and Sponge Holding Forceps, slim, curved, with ratchet, length 19 cm
748220 DUPLAY Dressing and Sponge Holding Forceps, curved, with ratchet, length 21 cm
748221 Same, straight
748226 MAIER Dressing and Sponge Holding Forceps, curved, with ratchet, length 26 cm
**Forceps**

**Safety Pin**

- **796008** BACKHAUS *Towel Forceps*, length 9 cm
- **796011** *Same*, length 11 cm
- **796013** *Same*, length 13 cm
- **796109** *Towel Forceps*, with serrated inserts, length 9.5 cm, for paper cover sheets
- **796113** *Towel Forceps*, with serrated inserts, length 13 cm, for paper cover sheets
- **796209** SCHÄDEL *Towel Forceps*, length 9 cm
- **796313** RÖDER *Towel Forceps*, with ball stops, length 13 cm
- **796413** EDNA-LORNA *Towel Forceps*, serrated, non-perforating, length 13 cm
- **796699** *Safety Pin*, for holding ring handle instruments, length 14 cm
Micro Needle Holders

799114  BARRAQUER Micro Needle Holder, with round spring handle, straight, smooth-coated jaws, with ratchet, length 14 cm
799118  Same, length 18 cm
799214  BARRAQUER Micro Needle Holder, with round spring handle, curved, smooth-coated jaws, with ratchet, length 14 cm
799216  Same, length 16 cm
799218  Same, length 18 cm
799314  BARRAQUER Micro Needle Holder, with round spring handle, straight, serrated, tungsten carbide jaws, with ratchet, length 14 cm
799316  Same, length 16 cm
799414  BARRAQUER Micro Needle Holder, with round spring handle, curved, serrated, tungsten carbide jaws, with ratchet, length 14 cm
799418  Same, length 18 cm
Needle Holders

- **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
- **516013** Needle Holder, tungsten carbide inserts, extra delicate and flat, length 18 cm
- **516015** Same, length 15 cm
- **516012** HALSEY Needle Holder, tungsten carbide inserts, length 12 cm
- **516017** Same, length 17 cm
- **488080** RYDER Needle Holder, tungsten carbide inserts, extra delicate and flat, length 18 cm
- **516113** RYDER Needle Holder, tungsten carbide inserts, extra delicate, length 13 cm
- **516115** Same, length 15 cm
- **516117** Same, length 17 cm
- **516215** MAYO-HEGAR Needle Holder, tungsten carbide inserts, particularly robust, length 15 cm
Needle Holders

Needle Holders and Scissors

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 BROWN Needle Holder, rounded edges on jaws, to hold small needles, 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

798020 MATHIEU Needle Holder, tungsten carbide jaws, slender, length 20 cm

798418 HEGAR Needle Holder, slender, length 18 cm

798618 HEGAR Needle Holder, tungsten carbide inserts, slender, length 18 cm
Needle Holders

Ligature Needles

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>798718</td>
<td>HEGAR-MAYO Needle Holder, tungsten carbide inserts, robust, length 18 cm</td>
</tr>
<tr>
<td>798820</td>
<td>HEGAR Needle Holder, tungsten carbide inserts, robust, length 20 cm</td>
</tr>
<tr>
<td>798918</td>
<td>MAYO-HEGAR Needle Holder, tungsten carbide inserts, very robust model, length 18 cm</td>
</tr>
<tr>
<td>798920</td>
<td>Same, length 20 cm</td>
</tr>
<tr>
<td>799016</td>
<td>DRAF Micro Needle Holder, extra fine, coated jaws, matt finish, polished handle rings, length 16.5 cm</td>
</tr>
<tr>
<td>800001</td>
<td>DESCHAMPS Ligature Needle, curved to right, length 20 cm</td>
</tr>
<tr>
<td>800002</td>
<td>Same, curved to left</td>
</tr>
</tbody>
</table>

Note: The images show the needle holders in use, demonstrating their design and functionality.
Raspatories, Elevators, Mastoid Curettes, Curettes
169009  JANSSEN Raspatory, width 9 mm, length 19.5 cm
169011  Same, width 11 mm
169014  Same, width 14 mm
169018  LANGENBECK Raspatory, width 18 mm, length 19 cm
169027  JANSSEN Raspatory, width 9 mm, length 17 cm
169106  v. EICKEN Raspatory, width 6 mm, length 19.5 cm
169206  Raspatory, ERLANGEN model, slightly curved, width 6 mm, length 17.5 cm
169203  Same, width 3 mm
169204  Same, width 4 mm
169311  FARABEUF Raspatory, width 11 mm, length 18 cm
169503  WILLIGER Elevator, width 3.5 mm, length 16 cm
169506  Same, width 5 mm
Raspatories
Dura Elevator

- **212000** WULLSTEIN Raspatory, length 18 cm
- **212002** DIETER Raspatory, width 2.2 mm, length 18 cm
- **212803** LEMPERT Raspatory, width 3 mm, length 19 cm
- **212807** LEMPERT Raspatory, curved, width 7 mm, length 18 cm
- **213004** Raspatory, slightly curved, width 4 mm, length 18 cm
- **213005** Dura Elevator, width 5 mm, length 16 cm
- **213008** PLESTER Raspatory, width 8 mm, length 18 cm
- **213011** Raspatory, width 10 mm, length 16 cm
- **213015** Periosteal Raspatory, angled, width 11 mm, length 19.5 cm
474000  **FREER Elevator**, double-ended, semisharp and blunt, length 20 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

474025  **Elevator**, double-ended, both sides sharp, length 22 cm

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

475000  **KILLIAN Elevator**, double-ended, standard model, shovel-shaped blades, sharp and blunt, length 18 cm

474519  **KILLIAN Elevator**, double-ended, standard model, sharp and blunt, length 19 cm

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

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>477500</td>
<td>FREER Raspatory, curved, width 4 mm, length 18 cm</td>
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<tr>
<td>478000</td>
<td>JOSEPH Raspatory, slightly curved, length 17.5 cm</td>
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<tr>
<td>478303</td>
<td>McKENTY Raspatory, width 3 mm, length 14.5 cm</td>
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<tr>
<td>478304</td>
<td>Same, width 4 mm</td>
</tr>
<tr>
<td>478305</td>
<td>Same, width 5 mm</td>
</tr>
<tr>
<td>478400</td>
<td>McKENTY Elevator, double-ended, width 4.5 and 5 mm, length 19 cm</td>
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<tr>
<td>479000</td>
<td>MASING Elevator, double-ended, graduated, sharp and blunt, length 22.5 cm</td>
</tr>
<tr>
<td>479100</td>
<td>COTTLE Elevator, double-ended, semisharp and blunt, graduated, length 20 cm</td>
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<tr>
<td>479200</td>
<td>COTTLE Raspatory, double-ended, for tunneling, length 22.5 cm</td>
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<tr>
<td>479300</td>
<td>PENNINGTON Elevator, double-ended, curved to the right and left, length 21 cm</td>
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<tr>
<td>479408</td>
<td>COTTLE Raspatory, slightly curved, width 8 mm, length 19.5 cm</td>
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<tr>
<td>488070</td>
<td>JOSEPH Raspatory, slightly curved, width 4 mm, length 17.5 cm</td>
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<tr>
<td>488071</td>
<td>Same, strongly curved, width 3.4 mm</td>
</tr>
<tr>
<td>489010</td>
<td>Raspatory, double-ended, strongly and slightly curved, length 22 cm</td>
</tr>
<tr>
<td>525800</td>
<td>Elevator, robust model, for the repositioning of nasal fractures, length 17 cm</td>
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</table>
Raspatories

58120 MUEHLING Raspatory, curved, width 4 mm, length 16 cm

58122 OD Raspatory, for the mobilization of mucosa during the repair of palate defects and cleft palate surgery, double-ended, strongly curved, sharp and blunt, length 20.5 cm

58124 O Raspatory, flat, width 4 mm, length 18 cm

58125 OG Raspatory, strongly curved, width 5 mm, length 20 cm
### Raspatories

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<tr>
<td>58126 BRG</td>
<td>WILLIGER Raspatory, flat, width 6 mm, length 16 cm</td>
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<tr>
<td>58126 W</td>
<td>WILLIGER Raspatory, curved, width 6 mm, length 16 cm</td>
</tr>
<tr>
<td>58127 O</td>
<td>Raspatory, flat, width 7 mm, length 17.5 cm</td>
</tr>
<tr>
<td>58128 OG</td>
<td>Raspatory, strongly curved, width 8 mm, length 20 cm</td>
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<tr>
<td>58128 T</td>
<td>TRELAT Raspatory, width 8 mm, length 15 cm</td>
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<tr>
<td>58969</td>
<td>Syndesmotome, angled, length 16 cm</td>
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</tbody>
</table>
Elevator, Mastoid Curettes

**NEW** 58135 RG  Ramus Elevator, slotted, length 17.5 cm

175840  SPRATT Mastoid Curette, size 0000, length 16.5 cm
175830  Same, size 000
175820  Same, size 00
175810  Same, size 0

175801  SPRATT Mastoid Curette, size 1, length 17 cm
175802  Same, size 2
175803  Same, size 3
175804  Same, size 4

176040  LEMPERT Mastoid Curette, size 0000, length 21 cm
176030  Same, size 000
176020  Same, size 00
176010  Same, size 0
176001  Same, size 1
Curettes

224001  HOUSE Curette, large, spoon sizes 2 x 3.2 mm and 1.6 x 2.6 mm, length 15 cm
224002  Same, small, spoon sizes 1 x 1.6 mm and 1.3 x 2 mm
224003  HOUSE Curette, medium, spoon sizes 1 x 1.8 mm and 2 x 2.8 mm, length 15 cm
224005  HOUSE Curette, angular, extra small, spoon sizes 0.6 x 0.8 mm and 0.8 x 1 mm, length 17 cm
224011  HOUSE Curette, straight, extra large, spoon sizes 2.3 x 3.5 mm and 2.7 x 4.3 mm, length 15 cm
224015  HOUSE-BABIGHIAN Curette, toothed, extra large, spoon sizes 2.4 x 3.4 mm and 2.6 x 4 mm, length 16 cm
Retractors

220700  WILLIGER Retractor, 4 prongs, sharp, length 13 cm
220703  Same, 3 prongs
489028  COTTLE Retractor, with 4 prongs, blunt, length 15 cm
489030  COTTLE Ala Protector, blade 10.5 x 12 mm, length 16 cm
489033  Hook, single, robust version, curved 180°, length 14 cm
498000  JOSEPH Retractor, length 15.5 cm
498400  COTTLE Retractor, narrow (standard model), length 14 cm
498401  COTTLE Retractor, wide, length 14 cm
Retractors

Hooks

<table>
<thead>
<tr>
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<tr>
<td>499001</td>
<td>KILNER-GILLIES Hook, one prong, small curve, length 17 cm</td>
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<td>499003</td>
<td>Hook, one prong, large curve, length 18 cm</td>
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<tr>
<td>499101</td>
<td>Hook, one prong, large curve, length 16.5 cm</td>
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<tr>
<td>499111</td>
<td>Hook, one prong, angled 90°, length 16.5 cm</td>
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<tr>
<td>499201</td>
<td>JOSEPH Hook, one prong, sharp, large curve, length 15 cm</td>
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<tr>
<td>499202</td>
<td>JOSEPH Double Hook, sharp, width 2 mm, length 15 cm</td>
</tr>
<tr>
<td>499205</td>
<td>Same, width 5 mm</td>
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<tr>
<td>499207</td>
<td>Same, width 7 mm</td>
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<tr>
<td>499210</td>
<td>Same, width 10 mm</td>
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<tr>
<td>499212</td>
<td>Same, small curve, width 12 mm</td>
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<tr>
<td>505000</td>
<td>COTTELE Retractor, two prongs, sharp, with thimble, width 10 mm, length 5.5 cm</td>
</tr>
<tr>
<td>505010</td>
<td>KILNER Ala Retractor, two prongs, sharp, width 10 mm, length 8.5 cm</td>
</tr>
<tr>
<td>505200</td>
<td>Same, blunt</td>
</tr>
<tr>
<td>505210</td>
<td>KILNER Ala Retractor, two prongs, sharp, width 13 mm, length 8.5 cm</td>
</tr>
<tr>
<td>505211</td>
<td>Same</td>
</tr>
<tr>
<td>505213</td>
<td>Same</td>
</tr>
<tr>
<td>505230</td>
<td>HARALDSSON Double Hook, two prongs, blunt, width 10 and 14 mm, length 8 cm</td>
</tr>
<tr>
<td>505210</td>
<td>KILNER Ala Retractor, two prongs, sharp, width 13 mm, length 8.5 cm</td>
</tr>
<tr>
<td>505211</td>
<td>Same</td>
</tr>
<tr>
<td>505213</td>
<td>Same</td>
</tr>
<tr>
<td>505230</td>
<td>HARALDSSON Double Hook, two prongs, blunt, width 10 and 14 mm, length 8 cm</td>
</tr>
<tr>
<td>505211</td>
<td>Same</td>
</tr>
<tr>
<td>505230</td>
<td>HARALDSSON Double Hook, two prongs, blunt, width 10 and 14 mm, length 8 cm</td>
</tr>
<tr>
<td>505213</td>
<td>Same</td>
</tr>
<tr>
<td>505231</td>
<td>FULEIHAN Double Retractor, two and three prongs, blunt, with special cut-offs and scale, length 10 cm</td>
</tr>
</tbody>
</table>
Retractors
Knife Guides and Retractors, Nasal Retractors

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>505600</td>
<td>SENN Retractor, double-ended, blunt, length 15 cm</td>
</tr>
<tr>
<td>505610</td>
<td>SENN-MÜLLER Retractor, double-ended, one side with 3 sharp prongs, other side with blunt blade, length 16 cm</td>
</tr>
<tr>
<td>505700</td>
<td>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</td>
</tr>
<tr>
<td>505800</td>
<td>NEIVERT Knife Guide and Retractor, made of wire, one side with nostril retractor, other side with flat retractor, length 18 cm</td>
</tr>
<tr>
<td>505806</td>
<td>RETTINGER-NEIVERT Knife Guide and Retractor, made of wire, one side with nostril retractor, width 17 mm, other side with flat retractor, with duct for guide of cut, length 18 cm</td>
</tr>
<tr>
<td>506000</td>
<td>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</td>
</tr>
<tr>
<td>506010</td>
<td>FULEIHAN Nasal Retractor, blade oval fenestrated, width of retractor blade 12 mm, length of retractor blade 53 mm, length 10 cm</td>
</tr>
<tr>
<td>506020</td>
<td>RETTINGER Nasal Retractor, width of retractor blade 11.5 mm, length of retractor blade 45 mm, with flat handle, length 10 cm</td>
</tr>
<tr>
<td>506400</td>
<td>AUFRICHT Nasal Retractor, width of retractor blade 8 mm, length of retractor blade 40 mm, length 16.5 cm</td>
</tr>
<tr>
<td>506496</td>
<td>Same, with fiber optic light carrier</td>
</tr>
</tbody>
</table>

506496
Retractors
Ramus Retractors and Cheek Retractor

58152  Retractor, solid, straight, size 80 x 12 mm, length 21.5 cm
58153  Same, size 60 x 13 mm
58154  Same, size 40 x 13 mm
58152 S  SCHUCHARDT Retractor, width 16 mm, length 19.5 cm
58155  Ramus Retractor, size 45 x 10 mm, length 22 cm
58156  Ramus Retractor, to retract soft tissue, 72 x 10 mm, length 22 cm
58157 B  BÜCHS Cheek Retractor, length 20.5 cm
Retractors
Lip Retractor

58157 L

58157 L  Lip Retractor, length 15 cm
58159 L  TESSIER Retractor, left, length 15 cm
58159 R  Same, right
58157 V  KAPOGIANNI Vestibulum Retractor, for retracting the dissected mucoperiosteal flap

58157 V
Retractors

Pillar Retractor and Thymus Retractor

746700 NAGER Pillar Retractor, length 21 cm
786001 Retractor, sharp, 1 prong, length 17 cm
786002 Same, 2 prongs
786003 Same, 3 prongs
786004 Same, 4 prongs
786201 Retractor, blunt, 1 prong, length 17 cm
786202 Same, 2 prongs
786203 Same, 3 prongs
786204 Same, 4 prongs
786500 SCHÖNBORN Thymus Retractor, width 5 mm, length 20.5 cm

800201 Retractor, extra fine, sharp, 1 prong, length 12 cm
800202 Same, 2 prongs
800203 Retractor, extra fine, sharp, 3 prongs, length 13 cm
800204 Retractor, extra fine, sharp, 4 prongs, length 13 cm
800316 Retractor, KIEL model, blunt, 2 prongs, size 25 x 9 mm, length 18.5 cm, for parotis surgery
Retractors

800401  VOLKMANN Retractor, sharp, 1 prong, length 21 cm
800402  Same, 2 prongs
800403  Same, 3 prongs
800404  Same, 4 prongs
800406  Same, 6 prongs
800411  VOLKMANN Retractor, sharp, 1 prong, long curve for cheekbone, length 21 cm

800422  VOLKMANN Retractor, semisharp, 2 prongs, size 8.5 x 8 mm, length 22 cm

800424  VOLKMANN Retractor, semisharp, 4 prongs, length 21 cm
800502  VOLKMANN Retractor, blunt, 2 prongs, length 21 cm
800503  Same, 3 prongs
800504  Same, 4 prongs
800506  Same, 6 prongs
Retractors

801001  LANGENBECK Retractor, size 1, 25 x 7.5 mm, length 22 cm
801002  Same, size 2, 31 x 9 mm
801003  Same, size 3, 37 x 10.5 mm
801004  Same, size 4, 40 x 12 mm
801020  LANGENBECK-GREEN Retractor, with flat handle, 10 x 4 mm, length 16 cm
801022  Same, 16 x 6 mm
801025  Same, 24 x 6 mm

801028  STRANDELL-STILLE Retractor, toothed, with flat handle, 15 x 6 mm, length 17 cm
801201  MIDDELDORPF Retractor, with grid handle, small, size 1, 15 x 15 mm, length 20 cm
801202  Same, medium, size 2, 20 x 20 mm
ISRAEL Retractor, blunt, 3 prongs, size 36 x 30 mm, length 22 cm

Same, 4 prongs, 40 x 40 mm, length 24 cm

GLANZ Retractor, blunt, 4 prongs, curved backwards, size 30 x 12 mm, length 21 cm, for retraction of the jugular vein during throat surgery
Retractors

801600  LANGENBECK Retractor, oval blade, size 60 x 20 mm, length 21.5 cm
801700  Same, rectangular blade
58147   Orbital Retractor, angled 80°, with scale, with flat handle, size 40 x 8 mm, length 16 cm
Retractors

801701 - 801706
801707 - 801708

801701 KOCHER-LANGENBECK Retractor, size 25 x 6 mm, length 21.5 cm
801702 Same, size 35 x 8 mm
801703 Same, size 35 x 11 mm
801704 Same, size 35 x 15 mm
801705 Same, size 41 x 11 mm
801706 Same, size 55 x 11 mm
801707 KOCHER Retractor, size 40 x 18 mm, length 23 cm
801708 KOCHER-LANGENBECK Retractor, size 65 x 14 mm, length 21.5 cm
Retractors

801800  LANGENBECK Retractor, size 33 x 14 mm, length 21.5 cm
801801  LANGENBECK Retractor, size 28 x 10 mm, length 21 cm
801802  Same, 28 x 14 mm
801803  Same, 28 x 16 mm
801804  Same, 40 x 14 mm
801810  Same, 43 x 13 mm
Retractors
Retractor Set

- **801901** - ROUX Retractor, 19 x 22 mm and 23 x 30 mm, length 14.5 cm
- **801902** - ROUX Retractor, 25 x 26 mm and 28 x 38 mm, length 15.5 cm
- **801903** - ROUX Retractor, 28 x 29 mm and 33 x 45 mm, length 16.5 cm
- **801910** - MICCOLI Retractor, double-ended, size 35 x 10 mm and 21 x 10 mm, length 16 cm
- **801911** - Same, 45 x 10 mm and 21 x 10 mm
Refractor

Special Features:
- Movable blades provide optimal retraction of the operative field, even under difficult anatomical conditions
- Exchangeable blades (2-prong/3-prong/full blade) enable individual adjustment of the retractor in all OP setups

- 5 different blades available
- One retractor replaces many different models
- Low blade replacement costs

219550  OTT Retractor, length 13 cm, for use with adjustable, detachable valves
219552 – 219563

219552  Valve, 2 prongs, 45°, blunt, for use with Retractor 219550
219553  Same, 3 prongs
219555  Valve, full blade, for use with Retractor 219550
219562  Valve, 2 prongs, 90°, blunt, for use with Retractor 219550
219563  Same, 3 prongs
Retractors

214811  WEITLANER Retractor, 2 x 3 prongs, blunt, length 11 cm
214813  WEITLANER Retractor, 3 x 4 prongs, sharp, length 13 cm
214816  Same, length 16 cm
214820  Same, length 20 cm
214920  ANDERSON-ADSON Retractor, 4 x 4 prongs, sharp, curved, length 20 cm
215001  JANSEN Retractor, 3 x 3 prongs, blunt, length 10 cm
219511  WULLSTEIN Retractor, 3 x 3 prongs, length 11 cm
219513  Same, length 13 cm
219613  BELLUCCI Retractor, 3 x 3 prongs, length 13 cm
219714 K  DALCHOW Retractor, small model for children, 3 x 3 prongs, sharp, with adjustable swivel arms, length 14 cm
Retractors
Dura Retractor

219717 219717 B
219724
219800

219717 Retractor, articulated, 3 x 3 prongs, semisharp, length 17 cm
219717 B Same, sharp
219724 Retractor, articulated, 3 x 4 prongs, sharp, length 24 cm
219800 Dura Retractor, length 18 cm
including:
Spatula, straight, length 12 cm
Spatula, straight, length 15 cm
Spatula, curved, length 15 cm
Spatula Attachment, for adjustment of spatulas
Wrench, for spatula attachment

Components/Spare Parts see catalog ENDOSCOPES AND INSTRUMENTS FOR ENT, ESOPHAGOSCOPY – BRONCHOSCOPY
Retractors

220211 PLESTER Retractor, 2 x 2 prongs, length 11 cm
220211 K DALCHOW Retractor, small model for children, 2 x 2 prongs, length 11 cm
220213 Retractor, 2 x 2 prongs, length 13 cm
220213 N Retractor, 2 x 2 prongs, with antireflexion coating, length 13 cm
220411 PLESTER Retractor, 2 prongs on right, left full blade, length 11 cm
220421 PLESTER-HELMS Retractor, 2 prongs on right, full blade on left, with atraumatic teeth, length 11 cm
220421 K DALCHOW Retractor, small model for children, 2 prongs on right, left full blade with atraumatic teeth, length 11 cm
220511 PLESTER Retractor, 2 prongs on left, full blade on right, length 11 cm
220521 PLESTER-HELMS Retractor, 2 prongs on left, full blade on right, with atraumatic teeth, length 11 cm
220521 K DALCHOW Retractor, small model for children, 2 prongs on left, right full blade with atraumatic teeth, length 11 cm
Retractors

58161 OK  **Chin Retractor**, width 16 mm, length 15.5 cm

58158 M  **METZ Progeny Retractor**, length 15 cm

58150  **Channel Retractor**, width 8 mm, length 16.5 cm

58151  **Channel Retractor**, width 10 mm, length 17 cm

*NEW* 58156 G  **Ramus Retractor**, slotted, size 72 x 10 mm, length 22 cm
Tongue Depressors, Mouth Gags
Tongue Depressors

740000  BRÜNINGS Tongue Depressor, length 19 cm
740014  Tongue Depressor, width 20 x 25 mm, length 17.5 cm
740116  Tongue Depressor, wooden, width 19 mm, length 16 cm, package of 100
740200  FRENZEL Tongue Depressor, length 16.5 cm
740500  MORITZ-SCHMIDT Tongue Depressor, length 19 cm
740701  Tongue Depressor, with solid handle, width 88 x 25 mm, length 15 cm
740700  HARTMANN Tongue Depressor, length 17 cm
740800  HARTMANN Tongue Depressor, for children, length 16 cm
Mouth Gags

742909  JENNINGS Mouth Gag, small, for children, length 9 cm
742911  Same, medium, standard size, length 11 cm
742913  Same, large, length 13 cm

743500  DINGMANN Mouth Gag, complete including:
         Tongue Depressor, size 1, 55 x 25 mm
         Tongue Depressor, size 2, 60 x 27 mm
         Tongue Depressor, size 3, 70 x 30 mm
         2x Cheek Retractor, adjustable
         2x Screw Connection, complete
         2x Tooth Hook, movable

Components/Spare Parts see catalog ENDOSCOPES AND INSTRUMENTS FOR ENT, ESOPHAGOSCOPY – BRONCHOSCOPY
### Tongue Blades

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>743910</td>
<td>DAVIS-MEYER Tongue Blade, with anesthetic tube, size 1, 28 x 68 mm</td>
</tr>
<tr>
<td>743915</td>
<td>Same, size 1½, 29 x 73 mm</td>
</tr>
<tr>
<td>743920</td>
<td>Same, size 2, 30 x 76 mm</td>
</tr>
<tr>
<td>743925</td>
<td>Same, size 2½, 31 x 83 mm</td>
</tr>
<tr>
<td>743930</td>
<td>Same, size 3, 32 x 88 mm</td>
</tr>
<tr>
<td>743935</td>
<td>Same, size 3½, 33 x 98 mm</td>
</tr>
<tr>
<td>743940</td>
<td>Same, size 4, 34 x 108 mm</td>
</tr>
</tbody>
</table>
Tongue Blades

744101 – 744104

744101 HERBERHOLD Tongue Blade, with asymmetric recess for guiding the endotracheal tube along the alignment, size 1, 29 x 65 mm
744102 Same, size 2, 33 x 73 mm
744103 Same, size 3, 38 x 83 mm
744104 Same, size 4, 41 x 98 mm
Tongue Blades

**NEW**

744200 RUSSEL-DAVIS Tongue Blade, with central groove, size 0, 25 x 60 mm
744201 **Same,** size 1, 30 x 70 mm
744202 **Same,** size 2, 34 x 80 mm
744203 **Same,** size 3, 39 x 84 mm
744204 **Same,** size 4, 42 x 98 mm
744205 **Same,** size 5, 47 x 105 mm

744201 A RUSSEL-DAVIS Tongue Blade, with central groove, narrow blade, size 1, 19 x 62 mm
744202 A **Same,** size 2, 22 x 67 mm
744203 A **Same,** size 3, 25 x 75 mm
744204 A **Same,** size 4, 27 x 83 mm
744205 A **Same,** size 5, 34 x 90 mm

744251 Tongue Blade, with central groove and lateral opening, size 1, 30 x 70 mm
744252 **Same,** size 2, 34 x 80 mm
744253 **Same,** size 3, 39 x 84 mm
Tongue Blades

744301 – 744305

744301 Tongue Blade, WÜRZBURG model, slotted, size 1, 28 x 69 mm
744302 Same, size 2, 32 x 77 mm
744303 Same, size 3, 34 x 85 mm
744304 Same, size 4, 37 x 98 mm
744305 Same, size 5, 38 x 105 mm

744302 H – 744303 H

744302 H HORNBERGER Tongue Blade, slotted, blade size 32 x 70 mm, for use with LMA Classic Larynx Masks, size 2 and 2½
744303 H Same, blade size 34 x 78 mm, for use with LMA Classic Larynx Masks, size 3 and 3½
Tongue Blades

744402 – 744405

744402  RING Tongue Blade, size 2, 25 x 61 mm
744403  Same, size 3, 28 x 74 mm
744404  Same, size 4, 34 x 88 mm
744405  Same, size 5, 37 x 100 mm
Mouth Gags

744500  DAVIS-MEYER Mouth Gag, standard model, with sliding Tooth Hook 744501, for use with Tongue Blades 743910 – 744405

744503  Palate Support Blade, for toothless patients, for use with Mouth Gags 744500, 744510

744510  DAVIS-MEYER Mouth Gag, special model, reverse opening, with 2 movable Tooth Hooks 744501, for use with Tongue Blades 743910 – 744505
Mouth Gags

744600  McIvor Mouth Gag, with removable bow for replacement of rubber tube, for use with Tongue Blades 743910 – 744405

744610  McIvor Mouth Gag, with small bow for children, with removable bow for replacement of rubber tube, width 80 mm, height 45 mm, length 15 cm, for use with Tongue Blades 743910 – 744405

58194   Molt Mouth Gag, large model, length 14 cm

58195   Dehnhardt Mouth Gag, length 12.5 cm
Mouth Gags

742900  Mouth Gag, large fenestrated blades, length 17 cm
742910  HARTL Mouth Gag, right blade with U-shaped curve, length 13 cm
742920  HARTL Mouth Gag, left blade with U-shaped curve, length 13 cm
742950  DOYEN-MOLT Mouth Gag, for adults, length 14 cm
742960  DOYEN-MOLT Mouth Gag, for children, length 10.5 cm
Chisels, Osteotomes, Mallets
Chisels

170503  TRAUTMANN Mastoid Gouge, width 3 mm, length 14 cm
170505  Same, width 5 mm
170507  Same, width 7 mm
170509  Same, width 9 mm
170602  TRAUTMANN Mastoid Chisel, width 2 mm, length 14 cm
170603  Same, width 3 mm
170605  Same, width 5 mm
170607  Same, width 7 mm
173202  PASSOW Chisel, hemostatic, width 2 x 2 mm, length 13 cm
Chisels

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
484242  NEW Osteotome, straight, double-edged grinding, width 2 mm, length 19 cm
484243  NEW Same, width 3 mm
484244  NEW Same, width 4 mm
484106  NEW COTTLE Chisel, flat, graduated, curved, width 6 mm, length 18.5 cm
487010  RUBIN Osteotome, flat, straight, double-edged grinding, rounded corners, with finger grip stabilizer, width of cut 10 mm, length 16.5 cm
487012  Same, width 12 mm
487014  Same, width 14 mm
487016  Same, width 16 mm
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
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
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
Chisels

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

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 Same, width of cut 10 mm
489019 Same, width of cut 12 mm
489020 Same, width of cut 14 mm
489021 Same, width of cut 16 mm
484224 COTTLE Crossbar Osteotome, graduated, double-edged grinding, straight, width 4 mm, length 18.5 cm
484226 Same, width 6 mm
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, 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

NEW 488505  Micro Osteotome, straight, with rounded guard, width 2.2 mm, length 18 cm
NEW 488506  Same, width 3 mm
NEW 488507  Same, width 4 mm
McINDOE Chisel, hollow, width 11 mm, length 14.5 cm
485011

Same, width 13 mm
485013

Same, width 15 mm
485015

WALTER Gouge, hollow, width 3 mm, length 19 cm
486030

Same, width 4.5 mm
486045

WALTER Osteotome, flat, double-edged grinding, width 2 mm, length 19 cm
486102

Same, width 3 mm
486103

Same, width 4 mm
486104

Same, width 7 mm
486107

Same, width 9 mm
486109

Same, width 12 mm
486112

Osteotome, flat, double-edged grinding, with enlarged distal finger grip plate, width 2 mm, length 19 cm
486102 SB

Same, width 3 mm
486103 SB

Same, width 4 mm
486104 SB

Same, width 7 mm
486107 SB
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>486222</td>
<td>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</td>
</tr>
<tr>
<td>486223</td>
<td>Same, width 3 mm</td>
</tr>
<tr>
<td>486224</td>
<td>Same, width 4 mm</td>
</tr>
<tr>
<td>486243</td>
<td>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</td>
</tr>
<tr>
<td>486253</td>
<td>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</td>
</tr>
<tr>
<td>486254</td>
<td>Same, width 4.5 mm</td>
</tr>
</tbody>
</table>
Chisels

480000  KILLIAN-CLAUS Septum Chisel, V-shaped cutting edge, length 16.5 cm
480800  FREER Septum Chisel, straight, 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
Osteotomes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>58106 L</td>
<td>LAMBOTTE Osteotome, width 6 mm, length 18.5 cm</td>
</tr>
<tr>
<td>58108 L</td>
<td>Same, width 8 mm</td>
</tr>
<tr>
<td>58110 L</td>
<td>Same, width 10 mm</td>
</tr>
</tbody>
</table>
Osteotomes

58103 OM  Osteotome, flat, double-edged grinding, width 3 mm, length 15.5 cm
58104 OM  Same, width 4 mm
58107 OM  Same, width 7 mm
58100 LMH LEXER Osteotome, hollow, width 10 mm, length 18.5 cm
58100 LMG  Same, width 20 mm
58104 LM  LEXER Osteotome, flat, width 4 mm, length 18.5 cm
58106 LM  Same, width 6 mm
58108 LM  Same, width 8 mm
58110 LM  Same, width 10 mm
58112 LM  Same, width 12 mm
58115 LM  Same, width 15 mm
Mallets

174200
COTTLE Metal Mallet,
length 18 cm

NEW 174420
Metal Mallet, small model,
diameter 20 mm, length 19.5 cm

NEW 174426
Metal Mallet, medium model,
diameter 26 mm, length 19.5 cm

NEW 174430
Metal Mallet, large model,
diameter 30 mm, length 19.5 cm

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

174800
Same, length 22.5 cm

58100 HM
Plastic Mallet, weight 250 g,
diameter 42 mm, length 25 cm
Bone Holding Forceps, Rongeurs, Bone Levers
Rongeurs

201801  KERRISON Rongeur, size 1, working length 11 cm
201802  Same, size 2
201803  Same, size 3
Bone Punches

HAJEK-KOFLER Bone Punch, rigid, 90° upbiting, not through-cutting, size 3.5 x 3.7 mm, working length 14 cm

649001

Same, 90° downbiting

649002

Same, upbiting backward cutting

649003

Same, downbiting backward cutting

649004

Same, upbiting forward cutting

649005

Same, upbiting forward cutting, size 2 x 2 mm

649006

Same, upbiting forward cutting, size 4.2 x 5.5 mm

649008

Same, 90° upbiting, size 4.2 x 5.5 mm

649011

Same, upbiting forward cutting, size 4.2 x 5.5 mm

649015
Bone Punches
detachable

662100 KERRISON Bone Punch, detachable, rigid, 90° upbiting, not through-cutting, size 0.5 mm, working length 17 cm

662101 Same, size 1 mm

662101 K KERRISON Micro Punch, detachable, short model, rigid, 90° upbiting, not through-cutting, size 1 mm, working length 12 cm

662102 KERRISON Bone Punch, detachable, rigid, 90° upbiting, not through-cutting, size 2 mm, working length 17 cm

662103 Same, size 3 mm

662104 Same, size 4 mm

662105 Same, size 5 mm

662111 KERRISON Bone Punch, detachable, rigid, 90° downbiting, not through-cutting, size 1 mm, working length 17 cm

662112 Same, size 2 mm

662113 Same, size 3 mm

662114 Same, size 4 mm
Bone Punches

detachable

662120 – 662125

662120 KERRISON Bone Punch, detachable, rigid, upbiting 40° forward, size 0.7 mm, working length 17 cm

662121 Same, size 1 mm

662121 K KERRISON Micro Punch, detachable, short model, rigid, upbiting 55° forward, not through cutting, size 1 mm, working length 12 cm

662122 KERRISON Bone Punch, detachable, rigid, upbiting 40° forward, size 2 mm, working length 17 cm

662123 Same, size 3 mm

662124 Same, size 4 mm

662125 Same, size 5 mm

662131 KERRISON Bone Punch, detachable, rigid, downbiting 40° forward, size 1 mm, working length 17 cm

662132 Same, size 2 mm

662133 Same, size 3 mm

662134 Same, size 4 mm
Antrum Punch, Sphenoid Punches

**Antrum Punch**, for removal of small bone fragments on natural ostium, rigid, not through-cutting, 65° upbiting forward cutting, size 3.5 x 3.7 mm, working length 11 cm

**CASTELNUOVO Sphenoid Punch**, rigid, not through-cutting, 65° upbiting forward cutting, size 3.5 x 3.7 mm, fixed jaw extra flat, working length 11 cm

**CASTELNUOVO Sphenoid Punch**, rigid, 30° upturned, not through-cutting, upbiting forward cutting, fixed jaw extra flat, size 2 x 2 mm, working length 11 cm
Sphenoid Punches

648500 HAJEK-KOFLER Sphenoid Punch, not through-cutting, reversible, size 3.2 x 4 mm, working length 17 cm

648520 McKENTY Sphenoid Punch, through-cutting, reversible, size 1.6 x 2 mm, working length 12 cm

648521 McKENTY Sphenoid Punch, through-cutting, reversible, size 1.6 x 2 mm, working length 17 cm

648523 McKENTY-CASTELNUOVO Sphenoid Punch, tip curved 30°, through-cutting, reversible, size 1.6 x 2 mm, working length 17 cm
Rongeurs

- **Beyer Rongeur**, slender, curved, length 17 cm
- **Lempert Rongeur**, slender, straight, length 15.5 cm
- **Luer-Hartmann Rongeur**, curved, length 17.5 cm
- **Heanley Rongeur**, straight, length 19 cm
- **Jansen Rongeur**, bayonet-shaped, length 17 cm
- **Luer-Ruskin Rongeur**, with double joint, curved, length 18.5 cm
- **Beyer Rongeur**, with double joint, curved, slender, length 18 cm
- **Luer-Ruskin Rongeur**, with double joint, curved, 2 mm, length 15 cm
Wire Forceps

58141 Flat-Nosed Forceps, with serrated jaws, length 14 cm
58142 KORKHAUS Wire and Ligature Forceps, length 16.5 cm
### Bone Holding Forceps

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>58160 KD</td>
<td>DINGMANN Bone Holding Forceps, length 19 cm</td>
</tr>
<tr>
<td>539510</td>
<td>FERGUSON Bone Holding Forceps, width 12 mm, length 20.5 cm</td>
</tr>
<tr>
<td>58167</td>
<td>Distending Forceps, length 23.5 cm</td>
</tr>
</tbody>
</table>
Preparation Plate

231000  **Hone**, “ARKANSAS” oil stone, wedge-shaped, 10 x 4 cm

231008  **Preparation Plate**, glass, 10 x 8 cm

231009  **Glass Cutting Board**, with square millimeter gradations (25 x 20 mm), 10 x 8 cm
Cutting Blocks

231010 Cutting Block, plastic, white, 8 x 4 x 1 cm

231011 Cutting Block, Teflon, with grip plate, 20 x 15 x 1 cm
Diagnosis

- **58960 ZR** Dental Probe, fine, flexible, length 15.5 cm
- **58950 GR** Handle, single-ended, stainless steel, with thread M 2.5, for exchangeable probe tips and mouth mirrors
- **58950 MS** Mouth Mirror, without magnification, diameter 22 mm, for use with Handle 58950 GR
- **58961 SS** Palpation Probe, with scale, length 17 cm
- **58960 K** Dental Calculus Hook, curved upwards, double-sided grinding, length 15 cm
Paradontology

58958 A LANGER Universal Curette, double-ended, Fig. 1/2
58958 B Same, Fig. 3/4
58958 C Same, Fig. 5/6

58958 D Universal Curette, double-ended, Fig. M 23
58958 E Sickle Scaler, double-ended, hygienist Fig. 6/7

58961 C Sickle Scaler, double-ended, length 17 cm

58958 F LANGER Universal Curette, double-ended, Fig. 1/2, titanium inserts
58958 G Same, Fig. 3/4
58958 H Same, Fig. 5/6

58958 I COLUMBIA Universal Curette, double-ended, Fig. 4R/4L, titanium inserts

58964 LUCAS Bone Curette, double-ended, length 17.5 cm

58964 A LUCAS Curette, Fig. 2, double-ended, width 3 mm
58960 P  Periodontal Probe, Fig. CPG 12, exchangeable, M2.5, markings at 3, 6, 9, 12 mm, for use with Handle 58950 GR

58960 N  Periodontal Probe, NORTH CAROLINA CNC, exchangeable, 1-15 in mm steps, for use with Handle 58950 GR

58960 Y  Periodontal Probe, Fig. PCPG 11.5 (WHO), exchangeable, M2.5, markings at 3.5 – 5, 5 – 8, 5 – 11.5 mm, for use with Handle 58950 GR
Conservation

White Excavator, double-ended, Fig. 19, length 17.5 cm

GILLET Excavator, double-ended, length 17 cm

Filling Instrument, Fig. 35, double-ended, length 17 cm

Spatula, for composite fillings, double-ended, blunt/blunt, length 17 cm

Cement Spatula, double-ended, sharp/blunt, length 17.5 cm

HEIDEMANN Spatula, double-ended, length 18.5 cm
Surgery

58962 R

HEMINGWAY Dental Curette, double-ended, size 1, length 18.5 cm

58963 R

Same, size 2

58970

LUNIATSCHEK Gauze Packer, double-ended, straight/curved, size 1, length 18 cm

58971

Same, size 2

58965

HEMINGWAY Bone Curette, double-ended, sharp, length 17 cm

58961 AS

Applicator for Bone Graft Material, double-ended, ball-shaped, length 17 cm

58973

BORMANN Positioning Instrument, double-ended, 3-toothed, straight/curved, length 20 cm

745718

NEW

745718

LONDON-COLLEGE Tooth Tweezers, serrated, length 15 cm

58998

NEW

58998

ERICH Splints, in 1 meter rolls
Surgical Instruments

58900 G  
GELLRICH Bone Preparation Block, for preparing cartilage and bone in dental surgery, width 7 cm, length 12.5 cm

58900 KM  
Bone Mill, for the comminution of autologous bone material

Cleaning Instruments

Metal Tray, with compartments and lid
KIRCH Curette, sinus 7, size 8 x 10 mm

58974
Bone Scraper, straight, diameter 10 mm, reusable

58974 G  
Bone Scraper, converse curve 20°, diameter 10 mm, reusable

Components/Spare Parts  see catalog ORAL AND MAXILLOFACIAL SURGERY
58943 A  FREER Elevator, double-ended, Fig. 1

58943 B  FREER Elevator, double-ended, Fig. 2, working ends 5.5 mm

58129 MA  MOLT Raspary, double-ended, Fig. 1, large raspary 7.5 mm, small raspary 4 mm

58129 MB  MOLT Raspary, double-ended, Fig. 3, large raspary 7 mm, small raspary 4.6 mm

58129  Raspary, double-ended, width 2.6 mm
Elevators,
Dental Raspatories

58961 LR  **Periosteal Elevator**,
double-ended, rounded
elevator 2.8 mm/lancet 2.4 mm

58961 LT  **Periosteal Elevator**,  
double-ended, rounded
elevator 4.2 mm,  
curved/lancet 3.8 mm

58961 LS  **Periosteal Elevator**,  
double-ended, rounded
elevator 2.8 mm/lancet 3.4 mm
Elevators, Dental Raspatories

58129 PA
PRICHARD Raspatory, double-ended, PPR3, straight retractor

58129 PB
PRICHARD Raspatory, double-ended, PPS, retractor angled 30°, right

58129 PC
Same, left

58961 MB
Sinus Lift Elevator, double-ended, sharp/sharp, length 17 cm

58961 SB
Sinus Lift Elevator, double-ended, blunt/blunt, double curve left/right, length 19.5 cm

58961 SC
Sinus Lift Elevator, double-ended, blunt/blunt, S-shaped, short/long curve, length 19.5 cm

58961 SD
Same, bayonet-shaped
Luxation Tools, Atraumatic Tooth Extraction

58980 A Luxation Tool 1, straight, working end 2.5 mm, with green sphere
58980 B Luxation Tool 2, straight, working end 4.5 mm, with green sphere
58980 C Luxation Tool 3, curved, working end 2.5 mm, with blue sphere
58980 D Luxation Tool 4, curved, working end 4.5 mm, with blue sphere
58980 E Desmo Tool, straight, working end 4 mm, with golden sphere
58987 A Periotome, P1
58987 B Periotome, P2
58987 C Periotome, P3
Root Elevators

HEIDEBRINK Root Tip Elevator,
- double-ended, length 17 cm
- Fig. 2, angled to right, width 2 mm
- Fig. 3, angled to left
- round, straight, width 2.8 mm
- width 3.5 mm
- width 4 mm
- handle with thumb rest
- Fig. 9
- Fig. 10
- Fig. 11
- angled, length 16 cm

Syndesmotome, angled, length 16 cm
Root Elevators

58981 Root Elevator, pointed, straight, width 4 mm
58982 L BEIN Root Elevator, round, long handle, 2 mm
58983 L Same, 3 mm
58984 L Same, 4 mm
58985 L Same, 5 mm
58988 FL FLOHR Root Elevator, angled to left, 2 mm
58988 FR Same, angled to right
58990 BL BARRY Root Elevator, angled to left
58990 BR Same, angled to right
58983 H HYLIN Root Elevator, straight, 3 mm
58984 H Same, 4 mm
58989 WL WARWICK-JAMES Root Elevator, angled to left
58989 WR Same, angled to right
Extracting Forceps

- **58915 OS**: Extracting Forceps, Fig. 34 M, English pattern, modified, for upper incisors and canines, special tapered jaws, deep-gripping
- **58915 OP**: Extracting Forceps, Fig. 35 M, English pattern, modified, for upper premolars, special tapered jaws, deep-gripping
- **58915 ORW**: Extracting Forceps, Fig. 17, English pattern, modified, for upper right third molars and molars, special tapered jaws
- **58915 OLW**: Extracting Forceps, Fig. 18, English pattern, modified, for upper left third molars and molars, special tapered jaws
- **58915 US**: Extracting Forceps, Fig. 36 M, English pattern, modified, for lower incisors and premolars, special tapered jaws, deep-gripping
- **58915 UP**: Extracting Forceps, Fig. 13, English pattern, modified, for lower premolars, special tapered jaws
Extracting Forceps

58915 UWM

58915 OW

58915 UW

58915 KS

58915 UWM  Extracting Forceps, Fig. 22, English pattern, modified, for lower third molars and molars, special tapered jaws

58915 OW  Extracting Forceps, Fig. 67 A, English pattern, modified, for upper third molars, special tapered jaws

58915 UW  Extracting Forceps, Fig. 79, English pattern, modified, for lower third molars, special tapered jaws

58915 KS  Crown Spreader Forceps, length 14.5 cm

58915 CT  Crown Forceps “EXCLUSIV”, with adjusting screw and retaining spring, 20 polymer plastic jaws and 10 g Diatrac adhesive powder
**Extracting Forceps**

- **58910 WE**  
  Extracting Forceps, Fig. 51, English pattern, upper jaw, for roots

- **58911 E**  
  Extracting Forceps, Fig. 37, English pattern, upper jaw, for incisors and cuspids

- **58911 WE**  
  Extracting Forceps, Fig. 51 A, English pattern, upper jaw, for roots

- **58912 WE**  
  Same, Fig. 501
Extracting Forceps

58913 E

Extracting Forceps, Fig. 7, English pattern, upper jaw, for premolars

58916 EE

Extracting Forceps, Fig. 18, English pattern, upper jaw, for molars left

58917 EE

Extracting Forceps, Fig. 17, English pattern, upper jaw, for molars right

58918 E

Extracting Forceps, Fig. 67, English pattern, for upper third molars

58919 E

Extracting Forceps, Fig. 3 FS, upper jaw, for molars
Extracting Forceps, Fig. 33 M, English pattern, for lower roots

58920 WE

58921 WE

Same, Fig. 233
Extracting Forceps

58923 E  Extracting Forceps, Fig. 13, English pattern, lower jaw, for premolars

58927 E  Extracting Forceps, Fig. 73, English pattern, lower jaw, for molars

58928 E  Extracting Forceps, Fig. 79 A, English pattern, lower jaw, for third molars

58928 F  Extracting Forceps, Fig. 79, English pattern, lower jaw, for third molars

58929 E  Extracting Forceps, Fig. 86 C, English pattern, lower jaw, for molars

58929 E
Extracting Forceps for Children

58916 EK  Extracting Forceps, for children, Fig. 39L, English pattern, for upper molars left
58917 EK  Extracting Forceps, for children, Fig. 39 R, English pattern, for upper molars right
58916 OS  Extracting Forceps, for children, Fig. 37, English pattern, for upper incisors
58916 OM  Extracting Forceps, for children, Fig. 39, English pattern, for upper molars
58916 OW  Extracting Forceps, for children, Fig. 51 S, English pattern, for upper roots and front teeth
Extracting Forceps for Children

58916 US  Extracting Forceps, for children, Fig. 13 S, English pattern, for lower incisors and premolars

58916 UM  Extracting Forceps, for children, Fig. 22 S, English pattern, for lower molars

58916 UW  Extracting Forceps, for children, Fig. 162, English pattern, for lower roots
771506 Larynx Cannula, Luer-Lock, length 13 cm
810502 Needle, Tonsil, Luer-Lock, straight, long
810503 Same, 90° forward angle
810505 Needle, Septum, Luer-Lock, bayonet-shaped
810506 Same, angular
### Hospital Supplies

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>810802</td>
<td>Cup Medicine, 25 cm³, diameter 60 mm, height 28 mm</td>
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<tr>
<td>810805</td>
<td>Cup Medicine, 50 cm³, diameter 57 mm, height 47 mm</td>
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<tr>
<td>810806</td>
<td>Cup Medicine, 60 cm³, diameter 70 mm, height 33 mm</td>
</tr>
<tr>
<td>810810</td>
<td>Cup Medicine, 100 cm³, diameter 80 mm, height 30 mm</td>
</tr>
<tr>
<td>810820</td>
<td>Cup Medicine, 200 cm³, diameter 100 mm, height 50 mm</td>
</tr>
<tr>
<td>810830</td>
<td>Cup Medicine, 300 cm³, diameter 95 mm, height 65 mm</td>
</tr>
<tr>
<td>810840</td>
<td>Cup Medicine, 400 cm³, diameter 130 mm, height 65 mm</td>
</tr>
<tr>
<td>820517</td>
<td>Kidney-Shaped Dressing Tray, stainless steel, length 17 cm</td>
</tr>
<tr>
<td>820525</td>
<td>Same, length 25 cm</td>
</tr>
<tr>
<td>820527</td>
<td>Same, length 27.5 cm</td>
</tr>
<tr>
<td>810803</td>
<td>Cup Medicine, stainless steel, diameter 65 mm, height 20 mm</td>
</tr>
<tr>
<td>810850</td>
<td>Cup Medicine, with handle, 350 cm³, diameter 70 mm, height 90 mm</td>
</tr>
<tr>
<td>815200</td>
<td>Jar, stainless steel, diameter 5 cm, height 17.5 cm</td>
</tr>
<tr>
<td>815213</td>
<td>Same, height 13 cm</td>
</tr>
</tbody>
</table>
**Hospital Supplies**

802700  **YOUNG Tongue Seizing Forceps**, with rubber jaws, length 16 cm

809015  **MAGILL Forceps**, for the introduction of endo-tracheal tubes, for infants and small children, length 15 cm

809020  **Same**, for children, length 20 cm

809025  **Same**, for adults, length 25 cm
Hospital Supplies

748200 Dressing and Sponge Holding Forceps, slim, curved, with ratchet, length 19 cm

748220 DUPLAY Dressing and Sponge Holding Forceps, curved, with ratchet, length 21 cm

748226 MAIER Dressing and Sponge Holding Forceps, curved, with ratchet, length 26 cm

58198 Mandibular Awl, length 14 cm

58199 Awl for Zygomatic Arch, length 23 cm

525515 NEW CASTROVIEJO Skin Measurement Caliper, measurement range 0 – 150 mm, length 14 cm
797338  Redon Guide Needle, angled, with lancet tip, 8 Fr.
797340  Same, 10 Fr.
797342  Same, 12 Fr.
797344  Same, 14 Fr.
797514  LISTER Bandage Scissors, length 14 cm
797518  Same, length 18 cm
525500  Rule, stainless steel, flexible, length 20 cm
525505  Same, length 30 cm
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