Founded by Gottfried Jetter in 1867 as an instrument workshop, Aesculap quickly progressed to become the world’s biggest manufacturer of surgical instruments.

The staff and serpent of Aesculapius surmounted with a crown, serves as the company’s trademark and has been a symbol of quality and reliability for over 100 years.

Aesculap’s headquarters is in Tuttlingen, a location renowned throughout the world as a center for medical technology.

Numerous branches in important markets enable the company to provide on-the-spot, market-specific customer care.

Aesculap has been a developer and manufacturer of dental instruments for more than 100 years. Today, everyday dental practice is made easier all over the world by a multitude of Aesculap innovations. Whenever there arrives a new technique in dental surgery and treatment, modern and innovative Aesculap instruments are available for putting it into practice.

In a process of continuous co-operation with leading surgeons throughout the world, innovative operating techniques and instruments for improved patient care are being developed in areas ranging from general surgery to endoscopic procedures. These also encompass the specialist disciplines such as dental surgery, micro-neurosurgery, spine surgery, cardio-thoracic surgery, maxillofacial surgery, orthopaedics (joint implants, osteosynthesis, motor systems).

From the outset, innovation was the driving force behind Aesculap’s rapid development. At the same time, human health has always been our central concern.

Today’s Aesculap innovations provide the basis for tomorrow’s conventional techniques.
Aesculap Academy

The Aesculap Academy was established in 1995 to offer surgeons and medical experts the opportunity to exchange ideas about medical issues and discuss the latest techniques in theory and practice.

Designed as a Forum for Communication in Medicine, the Aesculap Academy has dedicated itself to facilitate an interdisciplinary dialogue to provide knowledge transfer from person to person.

Topics range from state-of-the-art medical practices to public health and scientific controversial issues.

Partnerships and associations with internationally recognized institutions guarantee a global focus on current medical topics.

For more information:

Call: 1-800-258-1946

or visit our website: www.aesculapusa.com
Competence in Dentistry

Dentistry is currently facing drastic changes. The current state of medical and technological knowledge means that operations can be performed with ever greater precision and using less invasive techniques.

Along with the availability of increasingly sophisticated diagnostic tools, the decisive factor underlying this progress is the parallel ongoing development of the entire range of dental instruments. With its new and innovative products, Aesculap is playing a decisive part in this development.

Aesculap’s products are developed strictly by the close contact to our customers. This applies as much to new and innovative areas such as microsurgical instruments for implantology, periodontics and endodontics, as to standard dental instruments in general. Throughout the world, Aesculap products have proved themselves in day-to-day practice, not least from the point of view of quality and cost.

With limited investment budgets available, optimized hospital procedures and resulting efficiency gains offer a means of making better use of existing resources.

Aesculap’s range of services can help to achieve such improvements. The following service components enable us to meet the ever increasing demands of the future:

- our many years of experience and competence in the field of planning and advice,
- the world renowned excellent quality of our products,
- our high level of product availability,
- individual and practice-oriented service concepts to maintain the value of your dental instruments,
- continuous new opportunities for ongoing and further training in the form of the courses offered by the Aesculap Academy.

The difference with diagnostic instruments lies in the detail. The popular Aesculap dental probes, for example, have “Phynox” working ends. These are antimagnetic as well as extremely resistant to corrosion and discoloration. High elasticity and breaking resistance are further advantages offered by our dental probes. With the new Aesculap dental mirrors and its outstanding mirror-image, we have created completely new standards. An important precondition for careful diagnosis.
Quality

While skill, precision and continuity are important factors in the success of dental operations, equally similar high standards need to be applied to the dental instruments used. Optical instruments, calipers and test equipment create demonstratable precision and play an essential part in quality control, but such means of verification cannot even come close to replacing the human senses.

The trained, critical eye of the craftsman sees the shape and form of an instrument as a complete whole. Only the fine feeling of his hands can gauge elasticity and tension, sense smoothness of movement or the gentle clicking into position of the locking mechanism.
Technical Service

Dentists whose work involves concentrated, routine and frequent operations need an operating system that offers the best possible functionality throughout. The need for this state of readiness applies to the entire range of technical equipment, from scalpels to forceps or needle holders.

Aesculap provides the necessary preconditions for this by means of a team of highly qualified instrument makers and medical technicians. These serve as competent contacts available for discussion, on such issues as, how to maintain the value of equipment, or how to tackle upkeep and repairs, particular emphasis being placed on maintaining the value of dental instruments in daily use.

Individual and practice-oriented service concepts ensure fast, intelligent and economical maintenance and repair services. At a time when financial resources are under scrutiny, these services are particularly important factors for you are also important for us.
Planning and Consulting

In an age of managed care, quality assurance circles and rapid progress in the field of minimally invasive techniques the future has already begun today. This future vision invariably also means investment in human resources and technology.

Limits on financial resources in the health-care sector and increasingly complex documentation and settlement procedures mean that decisions on such investments are becoming increasingly important, but at the same time more and more difficult.

*Investment and future* – two concepts that have now become more important than ever before. For only those who make the right investments today will be in a position to reap the benefits of those investments tomorrow.

Having devoted particular attention to the demand for competent and fair advice, Aesculap has continually expanded this area of service. Workable planning for hospital surgical departments depends partly on sound analyses of the actual situation in and around the operating theater.

Plans to expand, strengthen or restructure facilities can only be addressed properly if you are, for example, aware of the current status of your instruments.

Indeed, if new long-term objectives are envisaged, there is no alternative to a detailed appraisal of the status quo. This is where our Aesculap planning and advice team can help. We analyze the quality, condition and further usability of your present set of instruments quickly, thoroughly, competently and independently. We then work with you to develop facility criteria indicating the most efficient way to put your plans into practice.

Although every hospital and dental practice has its own individual problem profile, there are standard situations applicable to the planning of operating theater instrument trays. Aesculap can call upon decades of data, into creating a useful tool to provide you with fast, practical solutions to problems – a surgical instrument ‘library’, that you can fall back on if and when the specific need arises.

We have given the utmost priority to ensuring that our planning and advice enables you to take your decisions on a basis of maximum certainty.
<table>
<thead>
<tr>
<th>Topic</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Diagnostics</td>
<td>1 - 16</td>
</tr>
<tr>
<td>Periodontics</td>
<td>17 - 62</td>
</tr>
<tr>
<td>Endodontics</td>
<td>63 - 76</td>
</tr>
<tr>
<td>Preservation</td>
<td>77 - 116</td>
</tr>
<tr>
<td>Dental Surgery</td>
<td>117 - 264</td>
</tr>
<tr>
<td>Dental Implantology</td>
<td>265 - 326</td>
</tr>
<tr>
<td>Dental Prosthetics</td>
<td>327 - 352</td>
</tr>
<tr>
<td>Orthodontics</td>
<td>353 - 366</td>
</tr>
<tr>
<td>Numerical Index</td>
<td>367 - 374</td>
</tr>
<tr>
<td>Alphabetical Index</td>
<td>375 - 385</td>
</tr>
</tbody>
</table>
Dental Diagnostics
The new AESCULAP Dental Mirrors

Aesculap “Surface”
The Standard Mirror
- Fine image without refractions under mid luminous conditions
- Ideal for standard treatment like diagnostics, scaling . . .

Aesculap “Rhodium”
The Premium Mirror
- Outstanding image without any refractions, even under higher luminous conditions
- Excellently for surgery, treatment of deep cavities, endodontics, implantology etc.
Mouth Mirror and Handles

- Colored handles out of synthetic material for easier organization of the treatment rooms
- Ergonomical handle shape
- Sterilizable up to 240 °C

Mouth mirror handles

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA026R</td>
<td>Mouth mirror, Surface</td>
<td>Ø 22 mm</td>
</tr>
<tr>
<td>DA027R</td>
<td>Mouth mirror, Surface</td>
<td>Ø 24 mm</td>
</tr>
<tr>
<td>DA036R</td>
<td>Mouth mirror, Rhodium</td>
<td>Ø 22 mm</td>
</tr>
<tr>
<td>DA037R</td>
<td>Mouth mirror, Rhodium</td>
<td>Ø 24 mm</td>
</tr>
</tbody>
</table>

Sales unit: PAK = Package of 12 pieces

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA090</td>
<td>135 mm, 5 ½&quot;</td>
<td></td>
</tr>
<tr>
<td>DA091</td>
<td>135 mm, 5 ½&quot;</td>
<td></td>
</tr>
<tr>
<td>DA092</td>
<td>135 mm, 5 ½&quot;</td>
<td></td>
</tr>
<tr>
<td>DA093</td>
<td>135 mm, 5 ½&quot;</td>
<td></td>
</tr>
<tr>
<td>DX094</td>
<td>PEEK handle</td>
<td>135 mm, 5 ½&quot;</td>
</tr>
</tbody>
</table>
DA005C
Napkin holder with metal chain

DA074R
Mouth mirror handle
125 mm, 5"

DA076R
Mouth mirror handle
135 mm, 5½"

DA080R
Mouth mirror handle
120 mm, 4¾"

AC468R – AC470R
Laryngeal mirror
120 mm, 4¾"

AC470R
Handle for AC468R – AC470R
110 mm, 4¾"
AESCULAP explorers with Phynox working tips...

- a special alloy of Cobalt-chromium-nickel-molybdenum
- extremely resistant to corrosion and discoloration
- high breakage strength
- high elasticity
- non-magnetic
- delicate working tips
- excellent tactility
- best prerequisites for an optimum diagnosis
DA802R
Fig. 6
160 mm, 6¼"
with octagonal steel handle

DA402R

DA806R
Fig. 6A
160 mm, 6¼"
with octagonal steel handle

DA406R

DA808R
Fig. 8
160 mm, 6¼"
with octagonal steel handle

DA408R

DA809R
Fig. 8A
160 mm, 6¼"
with octagonal steel handle

DA409R

DA810R
Fig. 9
160 mm, 6¼"
with octagonal steel handle

DA410R

DA823R
EXS 3A
165 mm, 6½"
with steel round handle

DA423R
Explorers, delicate, flexible

DA811R
Fig. 9A
160 mm, 6¼"

DA411R
with octagonal steel handle
160 mm, 6¼"

DA812R
Fig. 9B
160 mm, 6¼"

DA412R
with octagonal steel handle
160 mm, 6¼"

DA814R
Fig. 2
160 mm, 6¼"

DA414R
with octagonal steel handle
160 mm, 6¼"

DA816R
Fig. 23
160 mm, 6¼"

DA416R
with octagonal steel handle
160 mm, 6¼"

DA818R
Fig. 17
160 mm, 6¼"

DA418R
with octagonal steel handle
160 mm, 6¼"
DIAGNOSTICS

DA878R
Fig. 8/9
165 mm, 6 ½"

DA478R
with steel round handle
165 mm, 6 ½"

DA868R
Fig. 17/23
155 mm, 6"

DA468R
with steel round handle
160 mm, 6 ¼"

DA870R
EXD 5
165 mm, 6 ½"

DA470R
EXD 11
160 mm, 6 ¼"

DA863R
EXD 11
160 mm, 6 ¼"
Explorers, delicate, flexible, Furcation probe

DA871R
EXD 11/12
175 mm, 7”

DA885R
170 mm, 6¾”

DA471R
with steel round handle
175 mm, 7”

DA485R
with steel round handle
165 mm, 6½”

WESTON
DA882R
P2N
Furcation probe
170 mm, 6¾”

NABERS
DA482R
with steel round handle
165 mm, 6½”
Due to the lack of a standardized measuring force, clinical measurements obtained by various methods of probing are subject to contradictory interpretations. The only way to attain an objective assessment of periodontal conditions is by using force-sensitive periodontal probes. When evaluating periodontal diseases, probing measurements are affected by numerous subjective and instrument-related influences. In the process, the actual probing depths are frequently underestimated. If the probing force is too low, then the soft tissue morphology is more of the limiting factor for the probing measurement than is the share of coronal, supra-alveolar fiber structures. Using DB764R and DB765R probes, it is possible, thanks to the defined spring pressure of 0.2 N, to perform standardized probing measurements, especially where inflammatory changes in the gingiva in the context of long-term studies are concerned and in follow-up care in connection with periodontal disease.

Clinical consultancy:
Department of Periodontics and Periodontology, School of Dental Medicine, University of Muenster, Westfalen

(Director:
Prof. Dr. h.c. Dieter E. Lange)
Periodontometers

Color coding system, coated with titanium nitride
- exact marking and smoothing
- abrasion-free

DB868R
PCP 11
160 mm, 6¼"

DA485R
with steel round handle
150 mm, 6"

WHO
DB867R
PCP 11,5 C
160 mm, 6 ¼"

DA485R
with steel round handle
165 mm, 6 ½"

DB874R
160 mm, 6 ¼"

DB876R
135 mm, 5 ¼"

DB866R
UPM (PCP 11,5 C+ UNC 15)
170 mm, 6 ¾"

DB766R
with steel handle
UPM (PCP 11,5 C+ UNC 15)
175 mm, 7"
PERRY
DA204R
serrated
130 mm, 5 ⅛"

DA208R
smooth
130 mm, 5 ⅛"

FLAGG
DA210R
smooth
150 mm, 6”

MERIAM
DA212R
smooth
150 mm, 6”
Tooth Tweezers

DA221R
serrated
160 mm, 6 ¼"

DA225R
serrated
160 mm, 6 ¼"

MERIAM
DA225R
serrated
160 mm, 6 ¼"

LONDON-COLLEGE
DA240R
smooth
150 mm, 6"

LONDON-COLLEGE
DA241R
serrated
150 mm, 6"
LONDON-COLLEGE
DA243R
serrated
150 mm, 6”

LONDON-COLLEGE
DA271R
serrated/with lock
150 mm, 6”

LONDON-COLLEGE
DA251R
serrated
150 mm, 6”

LONDON-COLLEGE
DA257R
serrated
150 mm, 6”
Tooth Tweezers

Special tooth tweezers
LONDON–COLLEGE, mod.
Particularly strong, distortion-free design, serrated.

DUROGRIP—Tooth forceps with tungsten carbide insert for secure grasping of matrices and interdental wedges.

DA230R
smooth
150 mm, 6”

DA231R
serrated
150 mm, 6”

DA244R
LONDON–COLLEGE, mod.
150 mm, 6”

DA254R
150 mm, 6”
Periodontics
Due to the lack of a standardized measuring force, clinical measurements obtained by various methods of probing are subject to contradictory interpretations. The only way to attain an objective assessment of periodontal conditions is by using force-sensitive periodontal probes. When evaluating periodontal diseases, probing measurements are affected by numerous subjective and instrument-related influences. In the process, the actual probing depths are frequently underestimated. If the probing force is too low, then the soft tissue morphology is more of the limiting factor for the probing measurement than is the share of coronal, supra-alveolar fiber structures. Using DB764R and DB765R probes, it is possible, thanks to the defined springpressure of 0.2 N, to perform standardized probing measurements, especially where inflammatory changes in the gingiva in the context of long-term studies are concerned and in follow-up care in connection with periodontal disease.
Color coding system, coated with titanium nitride
- exact marking and smooth transition
- abrasion-free

DB868R
PCP 11
155 mm, 6⅛"

WHO
DB867R
PCP 11,5 C
160 mm, 6¼"

DB874R
160 mm, 6¼"
Color coding system, coated with titanium nitride
- exact marking and smooth transition
- abrasion-free

DB862R
PCP 12
155 mm, 6 ⅜"  
DB866R
UPM (PCP 11,5 C + UNC 15)
175 mm, 7"
Periodontometers

WILLIAMS-FOX
DB775R
165 mm, 6½"

HAUER
DB776R
135 mm, 5¼"
Scalers + Curettes

... millionfold approved!
- Anatomical “high-tech” shape
- Extra light and “handy” allows more fatigue-free working
- Color-coded handles for a quicker and clearer orientation
- Suitable for steam sterilization 270°F, 4 minutes (PreVac) and 275°F, 10 minutes (gravity)

- Hardwearing working tips
- Continuous corrosion-resistant special instrument steel
- Instrument tight-covered by a special PEEK handle
- Ergonomic handle design
- Satin finish working tips
Scalers

Supragingival use

DB242R
Anteriors
universal
145 mm, 5¾”

DB243R
Premolars
Molars
universal
175 mm, 7”

CRANE CAPLAN
DB340R
CK 6
Anteriors
Premolars
Molars
universal
175 mm, 7”

DB349R
Cl 2/3
Anteriors
Premolars
Molars
universal
165 mm, 6 ½”
**DB350R**
T2/T3
Anteriors
Premolars
Molars
universal
175 mm, 7"

**DB351R**
USM
Premolars
Molars
mesial/distal
175 mm, 7"

**DB370R**
H 6/7
Anteriors
Premolars
mesial/distal
175 mm, 7"

supragingival use

grazil
delicate
McCALL
DB376R
13S/14S
Premolars
Molars
mesial/distal
175 mm, 7”

DB391R
M 23
Anteriors
Premolars
Molars
universal
175 mm, 7”
supragingival use
supragingival use

DB352R
S 204/SD
Anteriors
Premolars
mesial/distal
175 mm, 7"

DB353R
S 311/12 C
Anteriors
Premolars
universal
175 mm, 7"

DB354R
S 204 S
Molars
universal
175 mm, 7"
<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Type</th>
<th>Use</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>GOLDMANN-FOX</td>
<td>DB345R</td>
<td>Supragingival</td>
<td>Use</td>
<td>175 mm, 7&quot;</td>
</tr>
<tr>
<td></td>
<td>DB346R</td>
<td>Supra/subgingival Use</td>
<td></td>
<td>175 mm, 7&quot;</td>
</tr>
<tr>
<td>LANGER</td>
<td>DB330R</td>
<td>Lower jaw</td>
<td>Premolars Molars</td>
<td>170 mm, $\frac{6}{4}$&quot;</td>
</tr>
<tr>
<td></td>
<td>DB331R</td>
<td>Upper jaw</td>
<td>Premolars Molars</td>
<td>170 mm, $\frac{6}{4}$&quot;</td>
</tr>
<tr>
<td></td>
<td>DB332R</td>
<td>Universal</td>
<td>Premolars Molars</td>
<td>175 mm, 7&quot;</td>
</tr>
</tbody>
</table>
Universal Curettes

COLUMBIA
DB368R
13/14
Premolars
Molars
universal
175 mm, 7"

DB392R
M 23 A
Anteriors
Premolars
Molars
universal
175 mm, 7"

McCALL
DB377R
M 175/18S
Premolars
Molars
165 mm, 6½"

supra/subgingival use

for infected tissue

¹/₁¹/₁¹/₁

for infected tissue

for infected tissue

 supra/subgingival use
Fig. 1/2
Anteriors
universal
175 mm, 7"

Fig. 3/4
Anteriors
universal
170 mm, 6¾"

Fig. 5/6
Anteriors
universal
175 mm, 7"

Fig. 7/8
Premolars
Molars
buccal/lingual
170 mm, 6¾"

Subgingival use

GRACEY DB380R
GRACEY DB381R
GRACEY DB382R
GRACEY DB383R
GRACEY-Curettes

GRACEY DB384R
Fig. 9/10
Premolars
Molars
buccal/lingual
170 mm, 6 ¾"

GRACEY DB385R
Fig. 11/12
Premolars
Molars
mesio-buccal/
mesio-lingual
175 mm, 7"

GRACEY DB386R
Fig. 13/14
Premolars
Molars
disto-buccal/
disto-lingual
175 mm, 7"

GRACEY DB387R
Fig. 15/16
Premolars
Molars
mesio-buccal/
mesio-lingual
175 mm, 7"

subgingival use
Fig. 11/14
Premolars
Molars
mesio-vestibular/
mesio-oral
disto-vestibular/
disto-oral
175 mm, 7”

subgingival use

Fig. 12/13
Premolars
Molars
mesio-vestibular/
mesio-oral
disto-vestibular/
disto-oral
175 mm, 7”

GRACEY
DB389R

GRACEY
DB388R
The combination of high rigidity and filigree-fine working ends means that stubborn plaque in particular can be removed thoroughly and efficiently with rigid curettes. It is no longer necessary to carry out time-consuming repeat scaling with flexible curettes. Flexible curettes should always be used to complete root planing.

The Gracey Figures 12/13 and 11/14 prove to be particularly time-saving, since using Figure 12/13 all mesio-distal surfaces in the side tooth area, e.g. in the first quadrant, can be completely treated in vestibular direction in one step without having to change the instrument. It is only with the change to palatinal direction that Figure 11/14 is used. The second quadrant begins of course with Figure 11/14 for mesio-distal in vestibular direction, etc.
subgingival use

Rigid GRACEY
DB587R
Fig. 12/13
Premolars
Molars
mesio-vestibular/
mesio-oral
disto-vestibular/
disto-oral
175 mm, 7"

Rigid GRACEY
DB584R
Fig. 11/14
Premolars
Molars
mesio-vestibular/
mesio-oral
disto-vestibular/
disto-oral
175 mm, 7"
Rigid GRACEY-Curettes

1. Rigid GRACEY DB582R
   Fig. 5/6
   Anteriors
   Premolars
   175 mm, 7"

2. Rigid GRACEY DB583R
   Fig. 7/8
   Premolars
   Molars
   buccal/lingual
   170 mm, 6 1/4"

3. Rigid GRACEY DB585R
   Fig. 11/12
   Premolars
   Molars
   mesio-buccal/ mesio-lingual
   175 mm, 7"

4. Rigid GRACEY DB586R
   Fig. 13/14
   Premolars
   Molars
   disto-buccal/ disto-lingual
   175 mm, 7"
Shaft 3 mm longer than Standard-GRACEY narrow working tip for easier access to the deep root surfaces

After-GRACEY DB590R
Fig. 1/2
Anteriors
universal
170 mm, 6 3/4"

After-GRACEY DB591R
Fig. 3/4
Anteriors Premolars
universal
170 mm, 6 3/4"
After-GRACEY-Curettes

- After-GRACEY DB592R
  - Fig. 5/6
  - Anteriors
  - Premolars
  - Universal
  - 170 mm, 6 3/4”

- After-GRACEY DB593R
  - Fig. 7/8
  - Premolars
  - Molars
  - Buccal/Lingual
  - 170 mm, 6 3/4”

- After-GRACEY DB595R
  - Fig. 11/12
  - Premolars
  - Molars
  - Mesio-Buccal/Meso-Lingual
  - 170 mm, 6 3/4”

- After-GRACEY DB596R
  - Fig. 13/14
  - Premolars
  - Molars
  - Disto-Buccal/Disto-Lingual
  - 170 mm, 6 3/4”
Shaft 3 mm longer than Standard-GRACEY, narrow working tip shortened for easier access to the deep, narrow root surfaces.

Mini-GRACEY DB470R
Fig. 1/2
Anteriors
universal
175 mm, 7"

Mini-GRACEY DB471R
Fig. 3/4
Anteriors Premolars
universal
170 mm, 6¾"
Mini-GRACEY-Curettes

Mini-GRACEY DB472R
Fig. 5/6
Anteriors
Premolars
universal
175 mm, 7"

Mini-GRACEY DB473R
Fig. 7/8
Premolars
Molars
buccal/lingual
170 mm, 6¾"

Mini-GRACEY DB475R
Fig. 11/12
Premolars
Molars
mesio buccal/
mesio lingual
175 mm, 7"

Mini-GRACEY DB476R
Fig. 13/14
Premolars
Molars
disto buccal/
disto lingual
175 mm, 7"
To ensure the long-term success of an implant, consistent aftercare is very important.
To eliminate plaque on the implant-abutment interface, titanium curettes can be preferable.

- Very delicate working tips facilitate access to dental implant collar
- No risk of infection from curette abrasion
- Low implant damage risk
- Manually sharpenable
Recall Set for Dental Implant Cleaning

LANGER DB180T
Fig. 1/2,
Titanium curette,
for premolars, molars,
universal; mandible

LANGER DB181T
Fig. 3/4,
Titanium curette,
for premolars, molars,
universal; maxilla

LANGER DB182T
Fig. 5/6,
Titanium curette,
for anterior teeth,
universal
Force-controlled periodontal probe

- Defined probing force of 0.2 N (20 g)
- Low implant damage risk
- Titanium nitride coating
- Exact marking and smooth transition
- No abrasion

3rd European Consensus Conference (EuCC) Cologne 2008 on Periimplantitis: Diagnosis & procedure: ...careful probing of pocket on four sides (0.2 N probe)...
**PERIODONTICS**

**Sterilizable Grinding Stones, Accessories, Raspatories**

- **DB090**
  - fine grain
- **DB091**
  - medium grain
  - India Corund grinding stone, beige for sharpening and pregrinding of very blunt instruments
  - 75 x 45 x 2-7 mm

- **DB095**
  - Original Arkansas grinding stone, grey-white, for repeated grinding on scalers and curettes as well as for finishing
  - 75 x 25 x 7 mm

- **DB096**
  - Super Arkansas grinding stone, white, for repeated grinding on scalers and curettes as well as for finishing
  - Stein im Holzetui/Stone in wooden case
  - 100 x 25 x 10 mm

- **DB097**
  - Super Arkansas grinding stone, white, for repeated grinding on scalers and curettes as well as for finishing
  - 102 x 26 x 5-10 mm

- **DB098**
  - India Corund grinding stone, round file, brown beige, for deburring the working ends
  - 100 mm long, diam. 6 mm

- **DB086**
  - Plexiglas test rods, for checking cutting effect of scalers and curettes.
  - Sales Unit: PAK = Package of 6 pieces

- **JG598**
  - Sterilit® Aesculap oil for grinding stones
  - Contents: 50 ccm

*Items marked * are necessary for the basic equipment.
BB511, BB515-C, BB515, BB542
Sterile scalpel blade
Sales unit: PAK = Package of 100 pieces

BB063R
Scalpel handle for sterile scalpel blades BB511, BB515, BB542
145 mm, 5 1/4"
Scalpels, Sterile Scalpel Blades

**BB045T**
Titanium scalpel handle for microsurgery blades, round handle. Light, rotatable and handy for precise cutting 145 mm, 5¾”

**BB363R**
Microsurgery blade
Sales unit:
ST = Package of 1 piece

**BB364R**
Microsurgery blade
Sales unit:
PAK = Package of 10 pieces

**BB365R**
Microsurgery blade
Sales unit:
PAK = Package of 10 pieces

**BB366R**
Microsurgery blade
Sales unit:
ST = Package of 1 piece

**BB367R**
Microsurgery blade
Sales unit:
PAK = Package of 10 pieces

**BB368R**
Microsurgery blade
Sales unit:
PAK = Package of 10 pieces

**BB369R**
Microsurgery blade
Sales unit:
ST = Package of 1 piece

**ERGOPLANT DX305R**
Microblade holder with round handle, for precision incisions.

150 mm, 6”
New micro instrument handles
As well as its optically appealing design, the new surface we have created for the handles of our successful micro instruments offers principally hygienic advantages. The substantially improved grip allows working with minor physical strain more fatigue-free working.

Special hint
Since suture material is rather tough, the cutting capacity of scissors is quickly reduced which is noticeable as soon as tissues are cut afterwards.

Our solution
To cut sutures with special ligature scissors. The ligature scissors FD252R have additionally rounded edges to avoid sutures to get jammed.
FD251R
Micro scissors (spring type), curved, sharp/sharp
180 mm, 7”

FD252R
Micro ligature scissors, curved, sharp/sharp, one blade serrated, for suture material 6/0 – 8/0
180 mm, 7”
DIADUST®
Diamond Powder Coated Forceps
- Non-traumatic and yet firm gripping of sutures and tissues

COOLEY
DX303R
Atraumatic micro forceps
180 mm, 7”

COOLEY
DX303R
Atraumatic micro forceps
180 mm, 7”

DIADUST®
FD255R – FD256R
Micro tissue forceps
180 mm, 7”

DIADUST®
FD253R
Micro dissecting forceps
180 mm, 7”
**DIADUST™**

Diamond Powder Coated Needle Holders

- Precise gripping of needles and sutures
- Long life time, since the degree of the temper of the diamond powder coating is nearly identical to the temper of the needles
- For suture material 6/0 – 9/0

**BM003R**

DUROGRIP™ Needle holder

For suture material 4/0–6/0

180 mm, 7”

**FD258R – FD259R**

Micro needle holder for suture material 6/0 – 8/0

180 mm, 7”
Rounded plate-shaped working tips allow more movement, and significantly increase the radius of mobilization in frontal and lateral sub-periostal preparation.

The sharpened edge of the instrument tips also allows sulcular as well as tunnel technique preparation (as with the envelope technique).

The design and angle of the working tips significantly facilitates preparation in convex areas.

DB095
Original Arkansas grinding stone, for grinding on tunnel instruments
75 x 25 x 7 mm

JG598
Sterilit® Aesculap oil for grinding stones
Contents: 50 ccm
Instruments for tunnel technique for periodontal recessions

The **straight** tunnelling instrument is mainly used in the upper jaw, in the frontal and lateral region. This allows large areas of the gingiva to be undermined using both tunnel and sulcular techniques.

**STRICKER DX310R**

195 mm, 7¾"

The **angled** tunnelling instrument is primarily used for preparing lateral, buccal regions. It can also be used distally, without tearing the mucosal tissue and also for the lower jaw.

**STRICKER DX311R**

195 mm, 7¾"
PERIODONTICS

BUSER
DX201R
ERGOPLANT Raspatory for soft tissue
sharp/blunt 195 mm, 7 7/8"

PRICHARD
DX200R
ERGOPLANT Raspatory 200 mm, 8"

DX201R
ERGOPLANT Raspatory 190 mm, 7 1/4"
Papilla Elevator, Raspatories

BUSER
DX301R
ERGOPLANT
Micro-Raspatory
180 mm, 7"

PHW
DX405R
ERGOPLANT
Atraumatic papilla elevator
190 mm, 7½"
PERIODONTICS

PRICHARD
DB840R
PR3/24 G
Raspatory
190 mm, 7 ½"

DB850R
K1
Raspatory/Elevator
165 mm, 6 ½"

DB828R
Dissection raspatory
175 mm, 7"

OCHSENBEIN
DO490R
MCO 1/2
Mini chisel for shaping bone contours
170 mm, 6 ¾"
Papilla Elevator, Raspatories, Chisel

**RHODES**

DB835R  
M CR 36/37  
Mini chisel for shaping bone contours  
165 mm, 6 1/2”

**KRAMER-NEVINS**

DB838R  
M CKN 1/2  
Mini chisel for dissection of soft and hard tissues  
165 mm, 6 1/2”

**DB827R**  
Periodontal dissector for dissection of soft tissues, double-ended  
175 mm, 7”

**DB826R**  
PHW  
Papilla elevator for non-traumatic dissection of the papillae  
175 mm, 7”
Range of application:
- for loosening parts of the mucosa
- for cyst resection
- for parodontal surgery

Raspatories, Chisels, Papilla Elevator

BÜCHS
DO518R
Raspatory
190 mm, 7 ½”

WILLIGER
DO510R
Raspatory
140 mm, 5 ½”

MEAD
DO520R
Raspatory
165 mm, 6 ¼”

MOLT
DO543R
Raspatory
180 mm, 7”

WARD
DO546R
Raspatory
170 mm, 6 ¾”

SYME
DO547R
Elevator
185 mm, 7 ½”
KIRKLAND
DB923R
155 mm, 6"

ORBAN
DB935R
155 mm, 6"

ORBAN
DB936R
155 mm, 6"

ORBAN
DB937R
160 mm, 6¼"
Gingivectomy Knives

KIRKLAND
DB945R
175 mm, 7"

DB938R
170 mm, 6¾"

DB939R
180 mm, 7"
Endodontics
Elevation of the flap starting from the relieving incision with the disk-shaped elevator (DB407R).
Retraction of the flap using the retractor.
The apical lesion is visible in the center of the picture.

RICHTER
DO373R
Width of blade 15 mm, 45°
200 mm, 8"
The apical lesion removed using the following: disk-shaped curettes (DB406R resp. DB408R), the spoon-shaped curette (DB409R) or the angular scaler (DB410R).

- **DB406R**
  - Disk-shaped curette, small
  - Ø 1.5 mm
  - 175 mm, 7”

- **DB408R**
  - Disk-shaped curette, large
  - Ø 2.8 mm
  - 175 mm, 7”

- **DB409R**
  - Spoon-shaped curette
  - Ø 0.9 mm
  - 175 mm, 7”
Practical Example: Using the Microsurgical Instrument Set for Endodontics, acc. to Dr. P. VELVART

Removal of the resected apex with the micro forceps.

Probing of the canals with the micro explorer (DA440R).

DX303R
Micro tissue forceps
180 mm, 7”

DA440R
Micro explorer
175 mm, 7”
Use of the oval micro mirror (DA045R resp. DA046R). Fracture line barely detectable in low magnification (12x).

Large magnification (25x) of the above illustration. The fracture line is visible in the center of the illustration.

Use of the round micro mirror (DA043R resp. DA044R). View of prepared retrograde cavity with the post in the root canal.

**DA045R**
Micro mirror, 2 mm wide, 45° bevel, interchangeable
50 mm, 2”

**DA046R**
Micro mirror, 3 mm wide, 45° bevel, interchangeable
50 mm, 2”

**DA043R**
Micro mirror, round diam.
3.5 mm
35° bevel, interchangeable
45 mm, 1¾”

**DA044R**
Micro mirror, round diam.
4.7 mm
35° bevel, interchangeable
45 mm, 1¾”
BB045T
Titanium handle for interchangeable micro mirrors DA043R – DA048R and for microsurgery blades
145 mm, 5 ¾”

ERGOPLANT
DX305R
150 mm, 6”
Microblade holder with round handle, for precision incisions.
Oval retrograde cavity, seen after preparation of the isthmus between the root canals. The oval shape plugger (DE442R) is used to condense the retrograde filling material.

DE442R
Plugger, oval, angulated, 90°
175 mm, 7"
Application of the retrograde filling material (Super EBA) into the cavity with the micro spatula (DE440R resp. DE441R).

DE440R
Ball burnisher/spatula, Micro spatula, angulated 175 mm, 7”

DE441R
Ball burnisher/spatula, Mikro spatula, straight 175 mm, 7”
Condensation of the filling material with the round plugger (DE444R resp. DE445R or DE443R) (in round canals).

**DE444R**
Plugger, round, angulated, 90°
175 mm, 7"
Ø 0.4 mm

**DE445R**
Plugger, round with angulated shaft and tip, one tip is undercut
175 mm, 7"
Ø 0.8 mm

**DE443R**
Plugger, round with angulated shaft and tip
175 mm, 7"
Ø 0.6 mm, rounded
Practical Example: Using the Microsurgical Instrument Set for Endodontics, acc. to Dr. P. VELVART

Removal of excess filling material with the micro carver (DB411R).

Final result after the root resection and retrograde filling.
DA310R
Root spreader
160 mm, 6 ¼”

DA291R
Pin holding forceps with lock
150 mm, 6”
Nerve Instruments

DA296R
Forceps for pins at broken nerve instruments
130 mm, 5⅛"

DA297R
Forceps for pins at broken nerve instruments
125 mm, 5"
Preservation
anatomic filling
Anatomic Filling Instruments

... millionfold approved!

- Anatomical "high-tech" shape
- Extra light and "handy" allows more fatigue-free working
- Axial- and torsion support avoids "slip-down"
- Ensures a more sensitive and efficient working
- Colored handle prevents mix-up:
  - blue handle for Composite
  - green handle for Amalgam
- Suitable for steam sterilization 270°F, 4 minutes (PreVac) and 275°F, 10 minutes (gravity)
PRESERVATION

DF256R
Composite instrument for exact molding of the cusp
175 mm, 7"

DF257R
Composite instrument for exact molding of the cusp
175 mm, 7"

DF259R
Composite instrument for adapting composite to the edges
175 mm, 7"
Composite Instruments Featuring an Ergonomic Handle Design, Model Freiburg

DF262R
Composite plugger ball pointed, for maximum condensation of the material
175 mm, 7”

DF263R
Composite plugger ball pointed, contra-angle, for maximum condensation of the material
175 mm, 7”

DF270R
HEIDEMANN Composite spatula used for application of composite in the cavity
175 mm, 7”
HEIDEMANN
DE156R
Spatulas, elastic, especially flexible
175 mm, 7”

HEIDEMANN
DE157R
Spatulas, elastic, especially flexible
175 mm, 7”

HEIDEMANN
DE158R
Spatulas, elastic, especially flexible
175 mm, 7”
DE050R
Pluggers – Exaxial Set
175 mm, 7”

DE051R
Pluggers – Exaxial Set
175 mm, 7”

DE052R
Pluggers – Exaxial Set
175 mm, 7”

DE053R
Pluggers – Contra-Angle Set
175 mm, 7”

DE054R
Pluggers – Contra-Angle Set
175 mm, 7”

DE055R
Pluggers – Contra-Angle Set
175 mm, 7”
Pluggers, Condenser

DE057R
Condenser – Contra-Angle Set
175 mm, 7"

DE058R
Condenser – Contra-Angle Set
175 mm, 7"

DE059R
Pluggers – Three-Angle Set
175 mm, 7"

DE060R
Pluggers – Three-Angle Set
175 mm, 7"

DF255R
Condenser for applying medicaments, lining of cavities and condensing of amalgam
175 mm, 7"
Fig. 3
Instrument for molding
175 mm, 7"

HOLLENBACK
DE159R

Fig. 1/2
Instrument for molding
175 mm, 7"

HOLLENBACK
DE160R

DF254R
Instrument for molding
175 mm, 7"
Instruments for the Anatomic Moulding of Filling Surfaces

WESTCOTT
DF250R
Fig. 21
Instrument for molding
175 mm, 7"

WESTCOTT
DF251R
Fig. 21B
Instrument for molding
175 mm, 7"

FRAHM
DF252R
Instrument for molding
175 mm, 7"

DF253R
Instrument for molding
175 mm, 7"
The ideal solution for processing microfilled and fine hybrid composites special high-gloss polished and gold-plated working tips
- Therefore less adhesion
- and better processing of the composite
For Composite only!

DF080R
Composite instrument for exact molding of the cusp
170 mm, 6 3/4”

DF081R
Composite instrument for exact molding of the cusp
170 mm, 6 3/4”

DF082R
Composite carving instrument for removing excess material
160 mm, 6 1/4”
DF083R
Composite instrument for adapting composite to the cavity edges
165 mm, 6¼"

DF084R
Flat composite condenser with trumpet shape for dense application in the cavity base. Excess material applied can be quickly removed
170 mm, 6¾"

DF085R
Flat composite condenser with trumpet shape for dense application in the cavity base. Excess material applied can be quickly removed
170 mm, 6¾"

DF086R
HEIDEMANN Composite spatula used for application of composite in the cavity
170 mm, 6¾"
DF088R
Composite contra-angle plugger for maximum condensation of the material
170 mm, 6⅜"

DF077R
Composite Condenser, cone shaped, for condensation and molding
170 mm, 6⅜"

DF078R
Composite Condenser, cone shaped, for condensation and molding
170 mm, 6⅜"

DF079R
Composite Instrument for molding of occlusal surfaces of bicuspids and molars
175 mm, 7"
Composite – Instruments, Plastic-Filling Instruments

BLACK DE601R Plastic-filling instrument 150 mm, 6”
BLACK DE602R Plastic-filling instrument 150 mm, 6”
BLACK DE621R Plastic-filling instrument 170 mm, 6¾”
BLACK DE622R Plastic-filling instrument 170 mm, 6¾”
BLACK DE630R Plastic-filling instrument 170 mm, 6¾”
BLACK DE631R Plastic-filling instrument 170 mm, 6¾”
BLACK DE621R Plastic-filling instrument 170 mm, 6¾”
DE307R
For applying and plugging of lower filling material and plastic filling material
160 mm, 6 ¼”

DE308R
For applying lower filling material and protective varnish out of calcium hydroxide and glass ionomers.
160 mm, 6 ¼”

BÜCHS
DF066R
For applying medicaments, lining of cavities and condensing of amalgam
170 mm, 6 ¾”
Plastic-Filling Instruments, Exaxial Set

DE006R
170 mm, 6 ¾”

DE007R
170 mm, 6 ¾”

DE031R
170 mm, 6 ¾”

DE032R
170 mm, 6 ¾”

DE008R
170 mm, 6 ¾”

DE009R
170 mm, 6 ¾”

DE011R
170 mm, 6 ¾”

DE012R
170 mm, 6 ¾”

DE014R
170 mm, 6 ¾”

DE022R
170 mm, 6 ¾”

DE014R
170 mm, 6 ¾”

DE024R
170 mm, 6 ¾”

DE030R
170 mm, 6 ¾”

BALDWIN

DE011R
170 mm, 6 ¾”

DE012R
170 mm, 6 ¾”

DE014R
170 mm, 6 ¾”

DE022R
170 mm, 6 ¾”

DE024R
170 mm, 6 ¾”

DE030R
170 mm, 6 ¾”
DE101R  170 mm, 6 3/4"
DE102R  170 mm, 6 3/4"
DE107R  170 mm, 6 3/4"
DE108R  170 mm, 6 3/4"
DE109R  170 mm, 6 3/4"
DE110R  170 mm, 6 3/4"
DE111R  170 mm, 6 3/4"
DE112R  170 mm, 6 3/4"
DE114R  170 mm, 6 3/4"
DE115R  170 mm, 6 3/4"
Plastic-Filling Instruments, Contra-Angle Set and Three-Angle Set

DE116R 170 mm, 6¾"
DE117R 170 mm, 6¾"
DE118R 170 mm, 6¾"
DE120R 170 mm, 6¾"
DE123R 170 mm, 6¾"
DE128R 170 mm, 6¾"

DE125R 170 mm, 6¾"
DE126R 170 mm, 6¾"
DE127R 170 mm, 6¾"
DE217R 170 mm, 6¾"
DE219R 170 mm, 6¾"

Triwinkel-Satz/Three-Angle Set

0.8 mm 1.0 mm 1.2 mm 2.0 mm 2.5 mm
0.8 mm 1.0 mm 1.2 mm 2.0 mm 2.5 mm
0.8 mm 1.0 mm 1.6 mm 2.5 mm 2.5 mm
0.8 mm 1.0 mm 1.6 mm 2.5 mm 2.5 mm
0.8 mm 1.0 mm 1.6 mm 2.5 mm 2.5 mm

PRESERVATION

LADMORE
DE295R
165 mm, 6 ½"

HOPSON
DE303R
160 mm, 6 ¼"
DE306R
165 mm, 6 ½"

WOODSON
DE292R
175 mm, 7"
DE293R
180 mm, 7"
DE036R
160 mm, 6 ¼"
WHITE
DE417R
175 mm, 7"

WHITE
DE419R
180 mm, 7"

FOSTER FLAGG
DE431R
175 mm, 7"
Plastic-Filling Instruments

DE402R
170 mm, 6¾”

DE403R
170 mm, 6¾”

DE405R
170 mm, 6¾”

DE406R
170 mm, 6¾”

DE408R
170 mm, 6¾”

DE414R
170 mm, 6¾”
Plastic-Filling Instruments, Spatulas, Burnisher

WESTCOTT
DF021R
Burnisher
170 mm, 6½”

WESTCOTT
DF022R
Burnisher
170 mm, 6½”

WALLIS
DE297R
Burnisher
170 mm, 6½”

HOPSON
DE305R
Burnisher
165 mm, 6¼”

DE032R
Burnisher
170 mm, 6¾”

1.4 mm

2.6 mm

3.0 mm

2.0 mm

3.2 mm

3.6 mm
Burnisher, Instruments for the Anatomic Moulding of Filling Surfaces

DF061R
Finishing instrument
165 mm, 6'/"'

DE676R
Finishing instrument
170 mm, 6'/"'

DE427R
Fig. 1/2
Finishing instrument
175 mm, 7"

DE424R
Fig. 3
Finishing instrument
170 mm, 6'/""
WARD
DE425R
Finishing instrument
170 mm, 6 ¾”

WARD
DE426R
Finishing instrument
170 mm, 6 ¾”

FRAHM
DF055R
Finishing instrument
165 mm, 6 ½”

FRAHM
DF056R
Finishing instrument
165 mm, 6 ½”
Instruments for the Anatomic Holding of Filling Surfaces, Amalgam Carriers

DF014R
with metal tip
135 mm, 5 ¼”

DF015R
with plastic tip
130 mm, 5 ½”

DF016R
with metal tip
145 mm, 5 ¾”

DF017R
with plastic tip
150 mm, 6”

DF019R
Metal tip only for DF014R and DF016R

DF020
Plastic tip only for DF015R and DF017R
DR780R
Forceps for articulating paper
150 mm, 6"

DF090R
Filling remover
140 mm, 5 1/2"
**Special Instruments**

**DC321R**
77/78  
Gingival margin trimmer, distal  
170 mm, 6¾"

**DC322R**
79/80  
Gingival margin trimmer, mesial  
170 mm, 6¾"

**DC094R**  
Carving instrument cleoid/discoid  
170 mm, 6¾"
Enamel chisels

BLACK
DC051R – DC084R
Cutting instruments
150 mm, 6”
BLACK Cutting Instruments, Excavators

Delicate models

DC250R
Fig. 0
Excavator
170 mm, 6 ¾"

DC251R
Fig. 1
Excavator
165 mm, 6 ½"

DC252R
Fig. 2
Excavator
165 mm, 6 ½"

DC253R
Fig. 3
Excavator
165 mm, 6 ½"

DC254R
Fig. 4
Excavator
170 mm, 6 ¾"
PRESERVATION

DC239R
139/140
spoon shaped
170 mm, 6¾”

DC241R
141/142
spoon shaped
170 mm, 6¾”

DC271R
171/172
170 mm, 6¾”

DC275R
175/176
170 mm, 6¾”

DC279R
179/180
170 mm, 6¾”
PRESERVATION

IVORY

DF392R
Rubber-dam punch
160 mm, 6¼"
Spare parts:
DF385R  Spiral spring
DF386R  Spring with screw
DF387R  Punch disk
DF388R  Pin, with screw

AINSWORTH

DF401R
Rubber-dam punch
160 mm, 6¼"
Spare parts:
DF396R  Spring with screw
DF397R  Punch disk
DF398R  Pin
Rubber-Dam Instruments

BREWER
DF404R
Clamp forceps
170 mm, 6 3/4"

PALMER
DF405R
Clamp forceps
175 mm, 7"
DF346R  Matrix retainer  
for strips up to 5 mm width

DF354R  Matrix retainer  
for strips up to 6 mm width

DF348R  Matrix retainer  
for strips up to 7 mm width

NYSTRÖM

DF350R  Matrix retainer, left  
for 6 mm strips

NYSTRÖM

DF351R  Matrix retainer, right  
for 6 mm strips

DF352R  Matrix retainer  
Set of two, right and left
Matrices, Matrix Retainers

TOFFLEMIRE

DF356R
Matrices, 0.05 mm thick, for DF355R, fig. 1-3 assorted
Sales unit: PAK = Package of 12 pieces

TOFFLEMIRE

DF355R Universal

TOFFLEMIRE

DF358R Junior
Dental Surgery
Scissors

Screw connection providing:
- smooth and reliable function
- longer life time by the possibility of regrinding

Special hint
Since suture material is rather tough, the cutting capacity of scissors is quickly reduced which is noticeable as soon as tissues are cut afterwards.

Our solution
To cut sutures with special ligature scissors. The ligature scissors FD252R have additionally rounded edges to avoid sutures to get jammed.

FD251R
Micro scissors (spring type), curved, sharp/sharp
180 mm, 7”

FD252R
Micro ligature scissors, curved, sharp/sharp, one blade serrated, for suture material 6/0 – 8/0
180 mm, 7”
**DIADUST™**

Diamond Powder Coated Forceps
- non-traumatic and yet firm gripping of sutures and tissues

**DIADUST™**

Diamond Powder Coated Needle Holders
- Precise gripping of needles and sutures
- Long life time, since the degree of the temper of the diamond powder coating is nearly identical to the temper of the needles
- For suture material 6/0 – 9/0

- **FD253R**
  - Micro dissecting forceps
  - 180 mm, 7"

- **FD255R** – **FD256R**
  - Micro tissue forceps
  - 180 mm, 7"

- **FD258R** – **FD259R**
  - Atraumatic micro forceps
  - 180 mm, 7"

- **COOLEY**
  - Micro needle holder for suture material 6/0 – 8/0
  - 180 mm, 7"
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Sales Unit</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>BA364</td>
<td>Micro scalpel with plastic handle</td>
<td>PAK = Package of 5 pieces</td>
<td>165 mm, 6 ½”</td>
</tr>
<tr>
<td>BA365</td>
<td>Micro scalpel with plastic handle</td>
<td>PAK = Package of 5 pieces</td>
<td>165 mm, 6 ½”</td>
</tr>
<tr>
<td>BA367</td>
<td>Micro scalpel with plastic handle</td>
<td>PAK = Package of 5 pieces</td>
<td>165 mm, 6 ½”</td>
</tr>
</tbody>
</table>
**Micro Scalps, Micro Scalpel Handle, Microsurgery Blades**

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
<th>Sales Unit</th>
<th>Package Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB045T</td>
<td>Titanium scalpel handle for microsurgery blades, round handle. Light, rotatable and handy for precise cutting 145 mm, 5 ¾”</td>
<td>ST =</td>
<td>Package of 1 piece</td>
</tr>
<tr>
<td>BB361R</td>
<td>Microsurgery blade</td>
<td>ST =</td>
<td>Package of 1 piece</td>
</tr>
<tr>
<td>BB362R</td>
<td>Microsurgery blade</td>
<td>ST =</td>
<td>Package of 10 pieces</td>
</tr>
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<td>BB363R</td>
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<td>BB367R</td>
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<td>BB368R</td>
<td>Microsurgery blade</td>
<td>ST =</td>
<td>Package of 10 pieces</td>
</tr>
<tr>
<td>BB369R</td>
<td>Microsurgery blade</td>
<td>ST =</td>
<td>Package of 1 piece</td>
</tr>
</tbody>
</table>

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**dx305R**

150 mm, 6" Microblade holder with round handle, for precision incisions.
Scalpel handles for sterile scalpel blades
BB510 - BB515, BB540, BB542

BB510 - BB515, BB540, BB542
double cutting

BB513
1/1
BB515
1/1
BB515-C
1/1
BB540
1/1

double cutting

scalpel blades
Sales unit: PAK = Package of 100 pieces

BB073R
BB063R
BB077R
BB510 – BB542

No. 3
145 mm, 5 3/4"
No. 7
160 mm, 6 1/4"

heat-treated in vacuum
sterile
Scalpel handles for sterile scalpel blades
BB518 - BB536

Scalpel blades
Sales unit: PAK = Package of 100 pieces
Sterile scalpels with plastic handle and blade protector

Sales unit: **PAK** = Package of 10 pieces
Sterile Scalpels with Plastic Handle and Blade Protector, Mouth Gags

**HEISTER**
OM030R
Mouth gag
130 mm, 5 ⅛"

**DOYEN-Jansen**
OM041R
Mouth gag
140 mm, 5 ½"

**DOYEN-Collin**
OM040R
Mouth gag
120 mm, 4 ¾"

**MOLT**
OM038R
Mouth gag
100 mm, 4"

**FERGUSSON-AKLAND**
OM044R
Mouth gag
145 mm, 5¾"

**OM047R**
Mouth gag
125 mm, 5”
ROSER-KÖNIG
OM048R
Mouth gag
160 mm, 6 ¼"

ROSER-KÖNIG
OM049R
Mouth gag
185 mm, 7 ¼"

HARTMANN
OK030R
Nasal speculum
145 mm, 5 ¾"
The mouth wedges are particularly advantageous for longer implantations and also provide support for the patient.

DX113 – DX115
Sales unit: PAK = Package of 2 pieces

DX120R
Chain with clip lock for DX113-DX115
450 mm, 17”

ERGOPLANT
DX113
Silicone mouth wedge
Size: S

ERGOPLANT
DX114
Silicone mouth wedge with metal core
Size: M

ERGOPLANT
DX115
Silicone mouth wedge with metal core
Size: L
DENTAL SURGERY

MINNESOTA, modif.

DO010R
Cheek retractor
160 mm, 6 ¼”

DO011R
Vestibulum hook
140 mm, 5 ½”

STERNBERG

OM251R – 120 mm, 4 ¾”
OM252R – 130 mm, 5 ¼”
OM253R – 135 mm, 5 ¼”
Cheek- and lip retractor

ERGOPLANT

DX101R
Vestibulum hook
220 mm, 8 ¼”
Tongue and Cheek Retractors, Tongue Spatula, ERGOPLANT Tongue Retractor, Tongue Forceps

OM202R
Tongue spatula
145 mm, 5 ¾"

OM203R
Tongue spatula
140 mm, 5½"

BUCHWALD
OM205R
Tongue spatula
180 mm, 7"

BRUENINGS
OM208R
Tongue spatula
190 mm, 7½"

YOUNG
AN705R
1 pair of rubber pads for AN705R

16 mm 19 mm 19 mm 12 mm

ERGOPLANT
DX105R
Tongue retractor
190 mm, 7 ½"

YOUNG
AN705R
Tongue Forceps
165 mm, 6 ½"
WEIL BLAKESLEY
OK520R–OK522R
Ethmoidal forceps, curved

OK520R
3.6 mm

OK521R
4.2 mm

OK522R
4.8 mm

110 mm, 4 \( \frac{3}{4} \)
Ethmoid forceps

BLAKESLEY-WILDE
OK505R–OK509R

Ethmoidal forceps, straight
HARTMANN
OM230R
Tongue spatula
150 mm

TOBOLD
OM235R
Tongue spatula
160 mm
Tongue spatula, Abdominal and Intestinal spatula, Brain spatula

<table>
<thead>
<tr>
<th></th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BT751R</strong></td>
<td>12 x 200 mm</td>
</tr>
<tr>
<td><strong>BT751R</strong></td>
<td>17 x 200 mm</td>
</tr>
<tr>
<td><strong>FF201R</strong></td>
<td>9 x 200 mm</td>
</tr>
<tr>
<td><strong>FF202R</strong></td>
<td>12 x 200 mm</td>
</tr>
</tbody>
</table>

1/1

**BT751R – BT752R**
Abdominal and Intestinal Spatulas

**FF201R – FF202R**
Brain spatula, malleable double-ended
ROUX

BT030R
Cheek retractor
Set complete, consisting of: BT031R, BT032R, BT033R
165 mm, 6 1/2"

BT031R

BT032R

BT033R

19 x 22 mm
25 x 26 mm
28 x 29 mm

23 x 30 mm
28 x 38 mm
33 x 45 mm

22 mm
22 mm
22 mm

30 mm
38 mm
45 mm

BT404R
BT405R
BT406R

15 x 15 mm,
20 x 22 mm,
28 x 28 mm,
220, 8 1/4"
215 mm, 8 1/2"
235 mm, 9 1/4"

BT404R
BT405R
BT406R

MIDDELDORPF

BT404R – BT406R
Cheek retractor
Retractors for retrograde root resection

The ergonomic design of the handle permits a fatigue-free retraction of the tissue even at longer operations. Before the use of the retractor, 2 slight deepenings are burred in the jaw. The 2 tips at the working end of DO373R are inserted and will therefore also provide a secure grip.
**DENTAL SURGERY**

**Retractor**
- **FARABEUF**
  - **BT020R**
    - Retractor
    - 125 mm, 5"
  - **BT021R**
    - Retractor
    - 150 mm, 6"

- **LANGENBECK**
  - **BT311R**
    - Retractor
    - 30 mm, 10 mm
  - **BT315R**
    - Retractor
    - 40 mm, 10 mm
  - **BT316R**
    - Retractor
    - 43 mm, 13 mm

- **KOCHER-LANGENBECK**
  - **BT354R**
    - Retractor
    - 25 mm, 6 mm
  - **BT356R**
    - Retractor
    - 25 mm, 8 mm
  - **BT357R**
    - Retractor
    - 35 mm, 11 mm
  - **BT358R**
    - Retractor
    - 35 mm, 15 mm
  - **BT359R**
    - Retractor
    - 41 mm, 11 mm
  - **BT361R**
    - Retractor
    - 55 mm, 11 mm
Retractors, Cheek Retractors

**BT343R**
Cheek retractor
215 mm, 8 ½”

**BT340R**
Retractor
210 mm, 8 ¼”

**BT320R**
28 x 10 mm

**BT321R**
28 x 14 mm

**BT322R**
33 x 14 mm

**BT323R**
28 x 16 mm

**BT325R**
40 x 10 mm

**BT326R**
40 x 13 mm

**BT404R**
15 x 15 mm, 220, 8 ¾”

**BT405R**
20 x 22 mm, 215 mm, 8 ½”

**BT406R**
28 x 28 mm, 235 mm, 9 ¼”

**LANGENBECK**
**BT320R – BT326R**
Retractor
210 mm, 8 ¼”

**MIDDELDORPF**
**BT404R – BT406R**
Retractor
OBWEGESER
**DO450R – DO455R**
Soft tissue retractor
215 mm, 8 1/2"

- **DO450R**
  25 x 7 mm
- **DO451R**
  31 x 10 mm
- **DO452R**
  41 x 11 mm
- **DO453R**
  55 x 12 mm
- **DO454R**
  70 x 14 mm
- **DO455R**
  80 x 16 mm

OBWEGESER
**DO460R – DO465R**
Soft tissue retractor
215 mm, 8 1/2"

- **DO460R**
  25 x 7 mm
- **DO461R**
  31 x 10 mm
- **DO462R**
  42 x 11 mm
- **DO463R**
  55 x 12 mm
- **DO464R**
  70 x 14 mm
- **DO465R**
  80 x 16 mm
Especially designed for upper impacted wisdom teeth. The design of the retractor enables the retraction of the cheek and mucoperiostal flap as well as one hand simultaneous support of retractor and an additional instrument.
DENTAL SURGERY

BÜCHS
DO432R
Retractor for cheeks and soft tissue, for surgery in the rear maxillodental section
205 mm, 8”

BÜCHS
DO440R – DO441R
Diagonal cheek retractors for lateral region, particularly useful for extraction of wisdom teeth for upper left and bottom right
60 x 11 mm

BÜCHS
DX102R
ERGOPLANT
Soft tissue hook
200 mm, 8”

KIRSCH
DO440R – DO441R
210 mm, 8 ¼”

DO441R
Diagonal cheek retractors for lateral region, particularly useful for extraction of wisdom teeth for upper right and bottom left
60 x 11 mm
Soft Tissue Retractors, ERGOPLANT Soft Tissue Retractors, Diagonal Cheek Retractors, Retractors

OBWEGESER
DO407R
Spina-nasalis retractor
215 mm, 8 ½”

DO408R
Ramus retractor for separation of ramus and tissue
220 mm, 8 ¾”

WASSMUND
DO409R
Retractor
220 mm, 8 ¾”

DO438R
40 x 12 mm

DO439R
55 x 14 mm

DOCKHORN
DO438R – DO439R
Retractor
210 mm, 8 ¼”

DO420R
165 mm, 6 ½”

DO420R – DO422R
Ramus retractor
165 mm, 6 ½”

DO421R
25 mm

DO422R
30 mm

10 x 42 mm
TESSIER
DO417R
Maxillary mobilizers
right
150 mm, 6”

TESSIER
DO418R
Maxillary mobilizers
left
150 mm, 6”

OBWEGESER
DO410R
Chin retractor
155 mm, 6”

OBWEGESER
DO411R  8 mm
DO412R  10 mm
Channeled retractor
165 mm, 6 ½”
<table>
<thead>
<tr>
<th>Brand</th>
<th>Model</th>
<th>Size</th>
<th>Type</th>
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<tbody>
<tr>
<td>FRAZIER</td>
<td>FF321R</td>
<td>130 mm</td>
<td>5 ⅛&quot;</td>
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<tr>
<td>GILLIES</td>
<td>OL611R</td>
<td>180 mm</td>
<td>7&quot;</td>
</tr>
<tr>
<td>GILLIES</td>
<td>OL612R</td>
<td>180 mm</td>
<td>7&quot;</td>
</tr>
<tr>
<td>GRAEFE</td>
<td>OA332R</td>
<td>125 mm</td>
<td>5&quot;</td>
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<tr>
<td>GRAEFE</td>
<td>OA333R</td>
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<tr>
<td>GRAEFE</td>
<td>OL621R</td>
<td>150 mm</td>
<td>6&quot;</td>
</tr>
<tr>
<td>KILNER</td>
<td>OL610R</td>
<td>160 mm</td>
<td>6 ¼&quot;</td>
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<tr>
<td>JOSEPH</td>
<td>OL620R</td>
<td>3 mm</td>
<td></td>
</tr>
<tr>
<td>JOSEPH</td>
<td>OL622R</td>
<td>6 mm</td>
<td></td>
</tr>
<tr>
<td>JOSEPH</td>
<td>OL623R</td>
<td>8 mm</td>
<td></td>
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<tr>
<td>BERGMANN</td>
<td>BT100R</td>
<td>140 mm</td>
<td>5 ½&quot;</td>
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<tr>
<td>KILNER</td>
<td>OL610R</td>
<td>160 mm</td>
<td>6 ¼&quot;</td>
</tr>
<tr>
<td>JOSEPH</td>
<td>OL620R</td>
<td>165 mm</td>
<td>6 ½&quot;</td>
</tr>
<tr>
<td>FOMON</td>
<td>OL202R</td>
<td>145 mm</td>
<td>5 ¾&quot;</td>
</tr>
</tbody>
</table>
DENTAL SURGERY

BT111R – BT114R
Small curve, sharp
165 mm, 6 ½"

BT116R – BT119R
Small curve, blunt
165 mm, 6 ½"

BT173R – BT174R
160 mm, 6 ¼"

BT177R – BT178R
160 mm, 6 ¼"

BT179R
160 mm, 6 ¼"
Fine Wound Retractors, Gauze Case, Cotton Pluggers, Retraction Instruments, Medicine Applicator

DO315R
Gauze case

LUNIATSCHEK
DO301R
Cotton plugger
180 mm, 7”

LUNIATSCHEK, modif.
DO302R
Cotton plugger, small
180 mm, 7”

DO303R
Retraction thread packer, flexible
170 mm, 6 ¾”

BÜCHS
DO305R
Applicator for retraction sutures
175 mm, 7”

HAUER
DB776R
Medicine applicator
135 mm, 5 ¼”
DENTAL SURGERY

BC313R – BC314R
Standard patterns

130 mm, 5 ⅛"

BC314R
145 mm, 5 ¾"

BC411R – BC414R
Standard patterns

115 mm, 4 ½"

BC413R
130 mm, 5 ⅛"

BC414R
145 mm, 5 ¾"
BC320R – BC324R
Standard patterns

BC320R
105 mm, 4 ⅜"

BC321R
115 mm, 4 ½"

BC323R
130 mm, 5 ⅝"

BC324R
145 mm, 5 ¾"

BC421R – BC424R
Standard patterns

BC421R
115 mm, 4 ½"

BC423R
130 mm, 5 ⅝"

BC424R
145 mm, 5 ¾"
DEAVER
BC374R
Surgical scissors with flat lock
145 mm, 5 ¾"
Surgical Scissors, Dissecting Scissors

**BC164R – BC165R**
Dissecting scissors
115 mm, 4 ½"

**BC600R – BC603R**
Dissecting scissors
145 mm, 5 ¾"

**BC601R – BC606R**
Dissecting scissors
145 mm, 5 ¾" 180 mm, 7"

**BABY-METZENBAUM**

**BC602R**
180 mm, 7"

**METZENBAUM**
**BC605R**
145 mm, 5 ¾" 180 mm, 7"

**BC606R**
KILNER

BC166R – BC168R
Special flat points for dissecting and undermining the skin

JAMESON-WERBER

BC157R
Blades outside semi-sharp
150 mm, 6”
Dissecting Scissors

JAMESON
BC177R
150 mm, 6"

REYNOLDS
BC180R – BC181R
175 mm, 7"

DE BAKEY
BC629R
175 mm, 7"
Delicate Scissors

BC110R – BC117R
110 mm, 4 ⅜" 

Curved to side, especially suited to remove ligatures

BC064R – BC065R
120 mm, 4 ¾"
Delicate Scissors

LA GRANGE
BC154R
1 Blade toothed
110 mm, 4 ⅜”

CHADWICK
BC153R
115 mm, 4 ½”

DEAN
OM700R
Blades serrated
170 mm, 6 ¾”
DENTAL SURGERY

TOENNIS-ADSON

BC630R – BC631R
175 mm, 7”

OK372R – OK373R
135 mm, 5 ¼”

OK373R
115 mm, 4 ½”

BC590R
BC591R

FOMON

LEXER

BC590R – BC591R
narrow
165 mm, 6 ½”
Dissecting Scissors, DUROtip Scissors

**DO210R – DO211R**
120 mm, 4 ¾"

**DO218R**
130 mm, 5 ⅛"

**DO251R**
1 Blade toothed, fine
130 mm, 5"

**DO219R**
Angled to side, 1 blade toothed
155 mm, 6"
BC303R – BC304R
Slender patterns

BC303R
130 mm, 5 ⅛"

BC304R
145 mm, 5 ⅝"

BC403R – BC404R
Slender patterns

BC403R
130 mm, 5 ⅛"

BC404R
145 mm, 5 ⅝"
DUROTIP™

DUROTIP™-Scissors with inserted carbide cutting edges

- 3 Years guarantee!
- Excellent cutting accuracy
- Long working life
- Gold-plated rings

»grazi«

DO208R – DO209R
120 mm, 4 ¾”

GOLDMAN-FOX
DO250R
1 Blade serrated
130 mm, 5 ½”
DUROTIP™-Scissors with inserted carbide cutting edges
- 3 Years guarantee!
- Excellent cutting accuracy
- Long working life
- Gold-plated rings

**Wavecut**

- Cut prevents tissue from slipping out

<table>
<thead>
<tr>
<th>Wavecut Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavecut - Cut directly after the catalog number indicates that the resp. item has one serrated cutting edge.</td>
</tr>
<tr>
<td>When ordering please indicate Wavecut together with the catalog number e.g.: BC211W</td>
</tr>
</tbody>
</table>

DUROTIP™-Scissors with inserted carbide cutting edges

**3 Years guarantee!**

- Excellent cutting accuracy
- Long working life
- Gold-plated rings

**UnaGrazi**

BC210R, BC211R, BC211W

110 mm, 4⅜"
DUROTIP™ Delicate Scissors, Surgical Scissors

- **BC256R**, **BC257R**, **BC257W**, **BC258R**, **BC259R**
  - 115 mm, 4 1/2"

- **BABY-METZENBAUM**
  - **BC258R**, **BC259R**, **BC259W**
  - 145 mm, 5 3/4"

- **METZENBAUM**
  - **BC260R**, **BC262R**, **BC261R**, **BC263R**
  - 145 mm, 5 3/4"
  - 180 mm, 7"

- **BC261W**, **BC263W**
  - 145 mm, 5 3/4"
  - 180 mm, 7"
Especially for cutting suture materials
- Carbide inserts guarantee permanent cutting edge
  (also in the distal area of the blades)
- "W"-Cut prevents suture materials from slipping out
- DUROTIP™ ligature scissors are identified by
  1 black and
  1 goldplated ring

BC294W
Ligature scissors
145 mm, 5 ¾”

BC295W
Ligature scissors
180 mm, 7”
The special qualities of the Noir™ dissecting scissors allow dissection that is finer than ever before. Noir™.
Gentle dissection with minimum use of force.

**Dissecting Scissors, Noir™ Scissors**

**BC257B**
145 mm, 5 ¾”

**BABY-METZENBAUM**

**BC259B**
145 mm, 5 ¾”

**METZENBAUM**

**BC261B**
145 mm, 5 ¾”

**BC263B**
180 mm, 7”

**BC271B**

**BC265B**

**BC275B**

180 mm, 7”

200 mm, 8”
Microtome edge - the extremely sharp cutting edge of the scissors blade facilitates gentle cutting of tissue with minimal use of force.

Wavecut prevents tissue from slipping out during the cutting process.

**METZENBAUM**

BC257WB

115 mm, 4 ½”

**BABY-METZENBAUM**

BC259WB

145 mm, 5 ⅜”
The combination of the renowned Aesculap tungsten carbide technology with the Aesculap Noir™ coating results in an extremely high surface hardness and therefore high wear resistance in daily hospital use.

The extremely hard (2000HV) and low reflection Noir™ coating ensures high wear resistance of the instruments and at the same time provides high resistance against corrosion.
SPENCER
BC801R – BC802R
Ligature scissors

BC801R  90 mm, 3 ½"
BC802R  115 mm, 4 ½"

LITTAUER
BC803R
Ligature scissors
135 mm, 5 ¼"

NORTHBENT
BC805R
Ligature scissors
120 mm, 4 ¾"

LISTER
BC860R – BC863R
Bandage and cloth scissors

BC860R  115 mm, 4 ½"
BC861R  140 mm, 5 ½"
BC862R  180 mm, 7"
BC863R  200 mm, 8"
Ligature Scissors, Bandage and Cloth Scissors, Dissecting Forceps

**MICRO-ADSON**
- BD215R – BD216R
  - BD215R: 125 mm, 5"
  - BD216R: 150 mm, 6"

**MICRO-ADSON**
- BD220R – BD223R
  - BD220R: 120 mm, 4¾"
  - BD223R: 150 mm, 6"

**BD200R**
- BD301R – BD305R
  - BD301R: 90 mm, 3½"
  - BD302R: 105 mm, 4½"
  - BD303R: 115 mm, 5½"
  - BD304R: 130 mm, 5¾"
  - BD305R: 145 mm, 6½"

**SEMKEN**
- BD215R – BD216R
  - BD215R: 125 mm, 5"
  - BD216R: 150 mm, 6"

**BD023R – BD030R**
  - BD023R: 115 mm, 4½"
  - BD025R: 130 mm, 5½"
  - BD027R: 145 mm, 6¼"
  - BD029R: 160 mm, 7"
  - BD030R: 180 mm, 7"
<table>
<thead>
<tr>
<th>Tool ID</th>
<th>Length/Size</th>
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<tbody>
<tr>
<td>BD043R</td>
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<tr>
<td>BD045R</td>
<td>130 mm, 5⅛&quot;</td>
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<tr>
<td>BD047R</td>
<td>145 mm, 5¾&quot;</td>
</tr>
<tr>
<td>BD049R</td>
<td>160 mm, 6¼&quot;</td>
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</tbody>
</table>

**STANDARD**

<table>
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<tr>
<th>Tool ID</th>
<th>Length/Size</th>
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<tbody>
<tr>
<td>BD035R</td>
<td>130 mm, 5⅛&quot;</td>
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<tr>
<td>BD037R</td>
<td>140 mm, 5½&quot;</td>
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</table>

**OCHSNER**

<table>
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<th>Tool ID</th>
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<td>BD130R</td>
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**PERRY**

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<tbody>
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<td>DA204R</td>
<td>130 mm, 5⅛&quot;</td>
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**BROPHY**

<table>
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<tbody>
<tr>
<td>BD246R</td>
<td>200 mm, 8&quot;</td>
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**DA300R**

<table>
<thead>
<tr>
<th>Length/Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suture forceps, angulated</td>
</tr>
<tr>
<td>150 mm, 6&quot;</td>
</tr>
</tbody>
</table>
Dissecting Forceps, ATRAUMATA Forceps, ERGOPLANT Forceps

DE BAKEY Zahnung

Toothing DE BAKEY

DE BAKEY

FB411R – FB412R

FB411R
150 mm, 6”

FB412R
150 mm, 6”

DE BAKEY

FB400R – FB402R

FB400R
150 mm, 6”

FB402R
150 mm, 6”

DE BAKEY

FB401R
150 mm, 6”

FB403R
200 mm, 8”

DE BAKEY

FB401R
150 mm, 6”

FB403R
200 mm, 8”

ERGOPLANT

DX052R
120 mm, 4 ⅛”

ERGOPLANT

DX055R
140 mm, 5 ½”

For soft tissue
Precisely worked out fine structure of carbide inserts
thus firm and non-traumatic gripping of tissue
universal in use
long working life

DUROGRIP™

DUROGRIP™—Dissecting Forceps with carbide inserts
Identification: gold-plated end

<table>
<thead>
<tr>
<th>Identification</th>
<th>Length (mm)</th>
<th>Length (in)</th>
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<tbody>
<tr>
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<td>5 3/4</td>
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<tr>
<td>BD164R</td>
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<td>BD154R – BD157R</td>
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<td>CUSHING</td>
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<td>BD160R</td>
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<td>DA254R</td>
<td>150</td>
<td>6</td>
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<td>ADSON</td>
<td>120</td>
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<td>BD151R</td>
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<tr>
<td>ERGOPLANT</td>
<td>120</td>
<td>4 3/4</td>
</tr>
<tr>
<td>DX052R</td>
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</tr>
</tbody>
</table>

For secure grasping of matrices and interdental wedges
DUROGRIP™ Non–traumatic Dissecting Forceps, ERGOPLANT Forceps, Surgical Forceps

BD527R – BD541R

medium

Stronger as BD537R and BD539R but finer than BD557R and BD559R

BD547R – BD549R

STANDARD

BD552R – BD559R
Delicate Tissue Forceps, ERGOPLANT Delicate Tissue Forceps

**OC024R – OC026R**
100 mm, 4”

**OC024R** very delicate
**OC025R** very delicate
**OC026R** very delicate

**MICRO-ADSON**
**BD510R** 120 mm, 4¾”

**ADSON**
**BD511R** 120 mm, 4¾”
**BD512R** 120 mm, 4¾”

**MICRO-ADSON**
**BD520R** 150 mm, 6”

**ADSON-BROWN**
**BD700R** 120 mm, 4¾”

**BROWN**
**BD701R** 150 mm, 6”

**ERGOPLANT**
**DX050R** 120 mm, 4¾”
**DX051R** 120 mm, 4¾”

with plateau
DENTAL SURGERY

LISTER

BF004R – BF006R
Sponge and dressing forceps

BF004R
130 mm, 5 1/8"

BF006R
160 mm, 6 1/4"

BF010R
Sponge and dressing forceps
145 mm, 5 3/4"

BF016R
Sponge and dressing forceps
145 mm, 5 3/4"

GROSS

BF040R – BF041R
Sponge and dressing forceps

BF040R
without ratchet

BF041R
without ratchet

BF046R – BF047R
Sponge and dressing forceps

BF046R
with ratchet

BF047R
with ratchet

BF021R
Sponge and dressing forceps
175 mm, 7"

BF040R – BF041R
Sponge and dressing forceps
200 mm, 8"

BF046R – BF047R
Sponge and dressing forceps
200 mm, 8"
Sponge and Dressing Forceps, Towel Clamps

**JONES**
BF407R
Towel Clamp
85 mm, 3 ⅜"

**ENGL. MOD.**
BF408R
Towel Clamp
85 mm, 3 ⅜"

**SCHAEDEL**
BF410R – BF411R
Towel Clamp
85 mm, 3 ⅜"

**BACKHAUS**
BF431R – BF433R
Towel Clamp
90 mm, 3 ½”
110 mm, 4 ⅛”
135 mm, 5 ¼”

**LORNA**
BF461R
Towel Clamp
95 mm, 3 ¾”

BF464R
Towel Clamp
140 mm, 5 ½”

Non-perforating for paper cloths
Haemostatic Forceps

**PEAN**

BH412R – BH415R

Grazile Form

Slender type

BH412R 130 mm, 5⅛”

BH413R 130 mm, 5⅛”

BH414R 140 mm, 5⅛”

BH415R 140 mm, 5⅝”

**KELLY**

BH134R – BH135R

140 mm, 5⅝”

**BABY-CRILE**

BH140R – BH151R

140 mm, 5⅝”

**CRILE**

BH144R – BH155R

140 mm, 5⅝”
HALSTED
BH202R – BH213R
Haemostatic forceps
185 mm, 7 ¼”

FICKLING
BH807R – BH808R
Haemostatic forceps
180 mm, 7”

BABY-ALLIS
EA012R
Tissue grasping forceps
130 mm, 5 ¾”

ALLIS
EA016R
Tissue grasping forceps
155 mm, 6”
Haemostatic Forceps, Tissue Grasping Forceps, Wire and Ligature Forceps, Awls

**DO870R**
Arch bar = splint with hooks, in coils of approx. 40”

**OBWEGESER**
**DO872R**
Wire and ligature forceps
140 mm, 5 ½”

**OBWEGESER**
**DO811R**
Awl for zygomatic arch
230 mm, 9”

**KELSEY FRY**
**DO813R**
Awl, straight
150 mm, 5 ½”

**KELSEY FRY**
**DO814R**
Awl, curved
175 mm, 7”

**OBWEGESER**
**DO812R**
Maxillary awl
195 mm, 7 ¼”
Raspatories

DX203R
Raspatory for soft tissue
sharp/blunt
195 mm, 7 3/4"

BUSER
DX301R
Micro-Raspatory
180 mm, 7"

Dental
Elevators, Raspatories

KÖNIG
OM309R
155 mm, 6"

WILLIGER
DO510R
140 mm, 5 ½"
FK300R – FK303R
160 mm, 6¼"
FK301R – FK302R
165 mm, 6½"

WILLIGER
FK300R – FK303R
160 mm, 6¼"

OBWEGESER
DO530R
170 mm, 6 ¾"
DO532R
200 mm, 8"
DO523R
170 mm, 6 ¾"
Raspatories

**MÜHLING**

FK394R
170 mm, 6 ¾"

Range of application:
- For loosening parts of the mucosa
- For cyst resection
- For parodontal surgery

**MÜHLING**

FK394R
shortly curved

**BÜCHS**

DO518R
190 mm, 7 ½"

**OM314R**
for palate, left
140 mm, 5 ½"

**OM315R**
for palate, right
140 mm, 5 ½"

**PARTSCH**

DO611R – DO612R
150 mm, 6"

**WARD**

DO546R
170 mm, 6 ¾"
HEMINGWAY
DO650R
170 mm, 6¾"

DO655R
170 mm, 6¾"

LUCAS
DX220R
190 mm, 7½"

DO608R
180 mm, 7"

DO609R
185 mm, 7¼"

DO650R
160 mm, 6⅛"

DO651R
160 mm, 6⅛"

DO655R
170 mm, 6¾"

JANSEN
DO651R
160 mm, 6⅛"

HEMINGWAY
DO670R
Fig. 0
170 mm, 6¾"

DO671R
Fig. 1
170 mm, 6¾"

DO672R
Fig. 2
170 mm, 6¾"

DO673R
Fig. 3
170 mm, 6¾"

HEMINGWAY
DO674R
Fig. 4
170 mm, 6¾"
Bone Curettes

- **MARTINI**
  - FK800R: 140 mm, 5 1/2”
  - FK801R: 140 mm, 5 1/2”

- **JANSEN**
  - FK803R: 160 mm, 6 1/4”

- **JACOBSON**
  - FK813R: 140 mm, 5 1/2”

- **WILLIGER**
  - FK814R: 145 mm, 5 3/4”

- **BARTH**
  - FK817R: 180 mm, 7”

- **VOLKMANN**
  - FK630R – FK635R: 170 mm, 6 3/4”

- **UFFENORDE**
  - FK660R: 170 mm, 6 3/4”
DENTAL SURGERY

DO605R
Bone Curette
175 mm, 7"

DO606R
Bone Curette
180 mm, 7"

SCHLUGER
DB829R
FS9/10S
Periodontal file
170 mm, 6 3/4"

SUGARMAN
DB833R
FS3/4S
Periodontal file
170 mm, 6 3/4"

DO771R
Bone files
180 mm, 7"

DO772R

DO773R

MILLER
DO771R – DO773R
Bone Curettes, Files, Osteotomes, Chisels

- **MILLER**
  - **DX252R**
  - **ERGOPLANT**
  - Bone file
  - 195 mm, 7 3/4"

- **LAMBOTTE**
  - **FL101R** 4 mm
  - **FL102R** 6 mm
  - **FL104R** 8 mm
  - **FL106R** 10 mm
  - **FL108R** 12 mm
  - **FL109R** 15 mm
  - Osteotomes
  - 125 mm, 5"

- **PARTSCH**
  - **FL173R** 3 mm
  - **FL174R** 4 mm
  - **FL175R** 5 mm
  - **FL176R** 6 mm
  - Chisels
  - 140 mm, 5 1/2"

- **MILLER**
  - **DX253R**
  - **ERGOPLANT**
  - Bone file
  - 200 mm, 8"

- **PARTSCH**
  - **FL183R** 3 mm
  - **FL184R** 4 mm
  - **FL185R** 5 mm
  - **FL186R** 6 mm
  - **FL187R** 7 mm
  - Chisels
  - 170 mm, 6 3/4"

- **PARTSCH**
  - **FL213R** 3 mm
  - **FL214R** 4 mm
  - **FL215R** 5 mm
  - **FL216R** 6 mm
  - Gouges
  - 140 mm, 5 1/2"

- **PARTSCH**
  - **FL223R** 3 mm
  - **FL224R** 4 mm
  - **FL225R** 5 mm
  - **FL226R** 6 mm
  - **FL227R** 7 mm
  - Gouges
  - 170 mm, 6 3/4"
DENTAL SURGERY

FREER
OL311R  4 mm
Chisel
160 mm, 6 ¼"

OL314R  4 mm
Chisel, curved
160 mm, 6 ¼"

LUCAS
DO711R  4 mm
DO713R  6 mm
Chisel
160 mm, 6 ¼"

DO715R  3 mm
DO717R  5 mm
Gouges
160 mm, 6 ¼"
Chisels, Osteotomes

**OCHSENBEIN**
DO490R
MCO ½
Mini chisel for shaping bone contours
170 mm, 6 ¾”

**RHODES**
DB835R
M CR 36/37
Mini chisel for shaping bone contours
165 mm, 6 ½”

**RHODES**
DB836R
CR 36/37
Mini chisel for shaping bone contours
165 mm, 6 ½”

**KRAMER-NEVINS**
DB838R
M CKN 1/2
Mini chisel for dissection of soft and hard tissues
165 mm, 6 ½”

**EAST GRINSTEAD (WARD)**
DO722R
3 mm
DO723R
5 mm
Chisels
180 mm, 7”

**EAST GRINSTEAD (WARD)**
DO732R
3 mm
DO733R
5 mm
Osteotomes
180 mm, 7”
DENTAL SURGERY

FL093R – FL096R
Tampers for bone grafts can also be used as haemostatic chisels
160 mm, 6½"

FL093R Ø 3 mm
FL094R Ø 5 mm
FL095R Ø 7 mm
FL096R Ø 9 mm

PASSOW
FL097R – FL098R
Tampers for bone grafts can also be used as haemostatic chisels
120 mm, 4¾"

FL097R 2.5 mm
FL098R 3.5 mm

OBWEGESER
DO720R 11 mm
Pterygomaxillary osteotome, curved, for anterior displacement of maxilla
235 mm, 9¼"

NIEDERDELLMANN
DO728R 8 mm
DO730R 10 mm
Osteotomes, curved, for sagittal splitting procedure of the lower jaw
250 mm, 10"

COTTLE
OL294R 4 mm
OL296R 6 mm
OL298R 8 mm
OL299R 10 mm
OL300R 12 mm
Osteotome with depth markings
180 mm, 7"

COTTLE
OL301R 4 mm
OL302R 7 mm
OL303R 9 mm
OL304R 12 mm
Chisel-Osteotomes with depth markings
180 mm, 7"

COTTLE
OL305R 6 mm
Osteotome with depth markings
180 mm, 7"
Chisels for bone transplantation

DO750R 10 mm
DO752R 15 mm
DO754R 20 mm
Chisel, straight with PEEK-handle
200 mm, 8"

DO751R 10 mm
DO753R 15 mm
DO755R 20 mm
Chisel, curved with PEEK-handle
200 mm, 8"

DO704R 4 mm
DO706R 6 mm
Osteotome
185 mm, 7 ¼"
Weights refer to the heads of the mallets

DF112R  80 g
165 mm, 6 ½”

DF114R  155 g
190 mm, 7 ½”

FL036R  135 g
With interchangeable plastic disks
185 mm, 7 ¼”

FL037
Pair of spare disks

FL034
Pair of spare disks

MEAD
FL035R  180 g
With interchangeable plastic disks
190 mm, 7 ½”
Mallets

COTTLE
FL038R  235 g
1 Side flat
1 Side convex
185 mm, 7 ¼”

HAJEK
FL044R  135 g
220 mm, 8 ¾”

ERGOPLANT Mallet, with interchangeable plastic disks
200 mm, 8”

DX546  Pair of spare disks

DX545R  135 g
FO113R
Reposition forceps with stepped tips, long ratchet
95 mm, 3 ¾”

FO115R
Reposition forceps for small fragments
135 mm, 5 ¼”

FO117R
Reposition forceps, especially for maxillary reposition
135 mm, 5 ¾”

HAASE
FO119R
Reposition forceps for mandibular fractures
165 mm, 6 ½”

REILL
FO116R
Reposition forceps
170 mm, 6 ¾”
Reposition Forceps, Bone Holding Forceps

- **FO120R**
  - Bone holding forceps
  - 200 mm, 8"  

- **DINGMANN**
  - **FO110R**
    - Bone holding forceps
    - 185 mm, 7 ¼"

- **DINGMANN, modif.**
  - **FO111R**
    - Bone holding forceps
    - 185 mm, 7 ¼"
LUER-FRIEDMANN

DX500R
ERGOPLANT
145 mm, 5 ¾"

FO409R
145 mm, 5 ¾"

FO413R
150 mm, 6"

FO410R
140 mm, 5 ½"

FO411R
150 mm, 6"

FO412R
155 mm, 6"
Bone Rongeurs

**SCHWARZ**
FO408R
145 mm, 5¾"

**BLUMENTHAL**
FO415R
155 mm, 6"

**BLUMENTHAL**
FO416R
155 mm, 6"

**STELLBRINK**
FO399R
175 mm, 7"

**STELLBRINK**
FO400R
170 mm, 6¼"

**BEYER**
FO453R
180 mm, 7″
DX501R
ERGOPLANT  Bone cutting forceps, curved
130 mm, 5 1/8"

STAMM
FO604R
Bone cutting forceps
150 mm, 6"

MEAD
FO455R
Bone rongeur
165 mm, 6 1/2"

BANE-HARTMANN
FO457R
Bone rongeur
175 mm, 7"

ZUFAUL-JANSEN
FO515R
Bone rongeur
180 mm, 7"
Bone Rongeurs, Bone Cutting Forceps, Needle Holders

HALSEY
BM205R
Needle holder
130 mm, 5 ⅛" 

BAUMGARTNER
BM215R
Needle holder
145 mm, 5 ⅜"

CRILE-MURRAY
BM219R
Needle holder
150 mm, 6"
MAYO-HEGAR
BM235R – BM237R
Needle holder
medium fine patterns

150 mm, 6”  185 mm, 7¼”

BM235R
BM236R

1/1
1/1

BM237R

200 mm, 8”

HEGAR-OLSEN
BM290R
Needle holders with scissors
140 mm, 5 ½”

1/2

GILLIES
BM298R
Needle holder with scissors
150 mm, 6”

1/2
**Needle Holders**

**MATHIEU**

**BM360R – BM362R**

Needle holder

- **BM360R**: 140 mm, 5 1/2"
- **BM361R**: 170 mm, 6 3/4"
- **BM362R**: 200 mm, 8"

**CRILE**

**BM503R**

Needle holder

- 150 mm, 6"

**TOENNIS**

**BM510R**

Needle holder, elastic pattern

- 180 mm, 7"
AESCULAP needle holders have jaws with carbide inserts and according to the use required the resp. structure can be chosen. A smooth jaw surface as well as 3 different serrations enable a sure "grip" of the resp. needle.

We recommend carbide inserts with smooth jaw surface for suture material 9/0 – 11/0 with 0.2 mm pitch of serration for suture material 6/0 – 10/0 with 0.4 mm pitch of serration for suture material 4/0 – 6/0 up to 3/0

DENTAL SURGERY

**Durogrip™**

Needle holders see page 141

Durogrip™ Needle holders with carbide inserts

Identification:
gold-plated rings, handle ends and ratchets

**DA300R**

Suture forceps, angulated
150 mm, 6”

**BM002R**

Durogrip™ Needle holder
145 mm, 5 ¼”

**BM003R**

Durogrip™ Needle holder
180 mm, 6 ¼”

**BM004R**

Durogrip™ Needle holder
180 mm, 7”

For holding tissue and membranes. The slit in the working tip serves for precise positioning of the needle.
Needle Holders, Suture Forceps, DUROGRIP™ Needle Holders

CONVERSE
BM011R
very delicate
130 mm, 5 ⅛"

HALSEY
BM012R
130 mm, 5 ⅛"

BABY-CRIE-WOOD
BM013R
150 mm, 6"

CRILE-WOOD
BM016R
145 mm, 5 ⅜"

HEGAR-MAYO
BM065R – BM066R

SAROT
BM020R
175 mm, 7"
DE BAKEY
BM033R – BM064R
very delicate

BM033R
165 mm, 6 ½”
0.4
BM034R
210 mm, 8 ¼”
0.4
BM063R
165 mm, 6 ½”
0.2
BM064R
210 mm, 8 ¼”
0.2

BM032R
150 mm, 6”
0.4
BM035R
180 mm, 7”
0.4

RYDER
BM054R – BM056R
very delicate

BM054R
135 mm, 5 ¼”
0.2
BM055R
155 mm, 6”
0.2
BM056R
175 mm, 7”
0.2

KILNER
BM018R
135 mm, 5 ¼
0.5

STRATTE
BM095R
210 mm, 8 ¼
0.5
Needle holder with scissors, one blade fine serrated

**BM127R**
With smooth jaws
125 mm, 5"

**BM128R**
HEGAR-OLSEN modif. LANGE
145 mm, 5 ¾"

**BM124R**
HEGAR-OLSEN
165 mm, 6 ½"

**BM129R**
GILLIES
160 mm, 6 ¼"
DENTAL SURGERY

TOENNIS
BM186R
Elastic pattern
180 mm, 7"

BM184R
200 mm, 8"

LANGENBECK
BM196R
200 mm, 8"
DUROGRIP™ Needle Holders

**MATHIEU**

**BM148R – BM153R**

DUROGRIP™ Needle holder, delicate pattern

- **BM148R**
  - 140 mm, 5 1/2”
- **BM150R**
  - 170 mm, 6 3/4”
- **BM153R**
  - 200 mm, 8”

**MATHIEU-STANDARD**

**BM149R – BM154R**

DUROGRIP™ Needle holder

- **BM149R**
  - 140 mm, 5 1/2”
- **BM151R**
  - 170 mm, 6 3/4”
- **BM153R**
  - 200 mm, 8”

**LICHTENBERG**

**BM132R**

DUROGRIP™ Needle holder, elastic pattern

- 195 mm, 7 3/4”

**HÖSEL**

**BM165R**

DUROGRIP™ Needle holder with long neck

- 205 mm, 8”
DENTAL SURGERY

BL907R  70 x 53 x 9 mm  
Needle case

BL941R  150 x 90 x 10 mm  
Needle case

BL910R  50 x 25 x 5 mm  
BL911R  50 x 30 x 6 mm  
BL915R  75 x 25 x 5 mm  
Needle case

BL910R  60 x 25 x 5 mm  
BL911R  60 x 30 x 6 mm  
BL915R  75 x 25 x 5 mm  
Needle case complete, with interior box

BL930R  65 x 13 mm  
BL932R  95 x 16 mm  
BL929R  -  
Exterior box only, non perforated  
Interior box only, perforated

BL931R  62 x 11 mm  
BL933R  90 x 14 mm
Needle Cases, Probes

BOWMAN

OB510  0.7 + 0.8 mm Ø, Fig. 00/0
OB511  0.9 + 1.1 mm Ø, Fig. 1/2
OB512  1.3 + 1.4 mm Ø, Fig. 3/4
OB513  1.5 + 1.6 mm Ø, Fig. 5/6
OB514  1.8 + 1.9 mm Ø, Fig. 7/8

German silver
Probes, malleable
130 mm, 5 ¼”

BOWMAN

OB511  0.7 + 0.8 mm Ø, Fig. 00/0
OB512  0.9 + 1.1 mm Ø, Fig. 1/2
OB513  1.3 + 1.4 mm Ø, Fig. 3/4
OB514  1.5 + 1.6 mm Ø, Fig. 5/6
OB515  1.8 + 1.9 mm Ø, Fig. 7/8

German silver
Probes, malleable
130 mm, 5 ¼”

BN104R – BN136R

Probes

<table>
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<th>diam. of tips</th>
<th>BN113R</th>
<th>BN114R</th>
<th>BN134R</th>
<th>BN116R</th>
<th>BN136R</th>
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<tr>
<td>1 mm</td>
<td>-</td>
<td>-</td>
<td>130 mm</td>
<td>145 mm</td>
<td>160 mm</td>
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<tr>
<td>1.5 mm</td>
<td>BN113R</td>
<td>-</td>
<td>-</td>
<td>BN116R</td>
<td>BN136R</td>
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<tr>
<td>2 mm</td>
<td>BN114R</td>
<td>BN134R</td>
<td>BN136R</td>
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Length

- 130 mm, 5 ¼”
- 145 mm, 5 ¾”
- 160 mm, 6 ¼”
DENTAL SURGERY

HAUER
DB776R
Medicine applicator
135 mm, 5 ¼”

STIEGLITZ
BD992R – BD993R
Splinter forceps
140 mm, 5 ½”

DA296R
Nerve instrument for broken nerve instrument
130 mm, 5 ⅛”

DA297R
Nerve instrument for broken nerve instrument
125 mm, 5”

DA291R
Pin holding forceps with lock
150 mm, 6”
Nerve Instruments, Suction Instruments

ADSON
GF917R
with finger cut-off
190 mm, 7 ½"

ADSON
GF919R
5.0 mm diam., tip 6.5 mm wide,
with Luer hub
180 mm, 7"

With notch at the working end to prevent premature suction
Suction Instruments, Syringes

**PLESTER**

- GF939R  Ø 1.5 mm
- GF940R  Ø 2.0 mm
- GF941R  Ø 2.5 mm
- GF942R  Ø 3.0 mm

With finger cut-off and stylet, thumb piece parallel to curve, with Luer hub
195 mm, 7 3/4"

**FERGUSSON**

<table>
<thead>
<tr>
<th>Ø / diam.</th>
<th>Working length</th>
<th>Working length</th>
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<tr>
<td>1.5 mm</td>
<td>GF350R</td>
<td>GF360R</td>
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<td>2 mm</td>
<td>GF351R</td>
<td>GF361R</td>
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<td>2.5 mm</td>
<td>GF352R</td>
<td>GF362R</td>
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<td>3 mm</td>
<td>GF353R</td>
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<td>4 mm</td>
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<tr>
<td>5 mm</td>
<td>GF355R</td>
<td>GF365R</td>
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</tbody>
</table>

With finger cut-off and stylet, thumb piece 90° to curve, with Luer hub
180 mm, 7"
SP341
Water syringe, self-filling, chromium plated, without cannula

SP351
Cannula, only, for water syringe SP341
Syringes, Small Dish, Round Bowls

JG513R
Small dish
50 x 30 x 20 mm

JG520R – JG525R
Round bowls

<table>
<thead>
<tr>
<th>Capacity (litre)</th>
<th>Dimensions in cm (upper x lower x height)</th>
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<tbody>
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<td>JG520R</td>
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<td>4.0 x 2.8 x 1.9</td>
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<td>JG521R</td>
<td>0.06</td>
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<td>6.1 x 4.2 x 3.0</td>
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<td>JG522R</td>
<td>0.16</td>
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<td>8.3 x 5.4 x 4.1</td>
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<td>JG523R</td>
<td>0.4</td>
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<td>11.1 x 7.2 x 5.6</td>
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<td>JG524R</td>
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<td>15.1 x 10.0 x 7.3</td>
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<td>JG525R</td>
<td>2.5</td>
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<tr>
<td></td>
<td>21.1 x 14.5 x 9.6</td>
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</table>
Tooth Extraction
Anatomica-Tooth Forceps

- Anatomically shaped for precise and reliable grip on teeth and roots.
- Slender shape handling.

Special Forceps, Büchs pattern, square profiles enable reliable grip
ANATOMICA Tooth Forceps

DG005R
Fig. 2
For upper incisors and canines

DG006R
Fig. 1
For upper incisors and canines, wide

DG025R
Fig. 3
For upper crowded incisors and canines

DG030R
Fig. 168
For upper canines

DG032R
Fig. 107
With short beaks, for upper canines
ANATOMICA Tooth Forceps

DG130R
Fig. 18 A
For upper molars, either side

DG195R
Fig. 19
For upper molars and wisdom teeth

DG189R
Fig. 89
For upper molars, right, gripping in depth

DG190R
Fig. 90
For upper molars, left, gripping in depth
TOOTH EXTRACTION

DG250R
Fig. 67
For upper wisdom teeth, narrow

DH767R
Fig. 67
For upper wisdom teeth, narrow

DG252R
Fig. 67 A
For upper wisdom teeth, wide

FELSCH
DG270R
Fig. 121
For upper wisdom teeth, with retaining device
When applied, the jaw of KAISER tooth forceps are almost parallel, thus avoiding the feared pinching off of the roots. The sharp edges and tips of the jaws, as well as the deep grooves and the horizontal cut inside the jaws enable a firm grip of the roots.
TOOTH EXTRACTION

DG350R
Fig. 51 A
For upper front roots, narrow beaks

DG351R
Fig. 51
For upper roots, short and narrow beaks

DG355R
Fig. 51 AL
For upper roots, long pattern, narrow beaks

DH750R
Fig. 51 A
For upper front roots, narrow beaks

DH751R
Fig. 51
For upper roots, short and narrow beaks

DH755R
Fig. 51 AL
For upper roots, long pattern, narrow beaks
ANATOMICA Tooth Forceps

**DG352R**
Fig. 52
For upper roots, short and wide beaks

**DG365R**
For upper roots, with especially long beaks

**DG797R**
Fig. 97
For very fine upper roots, gripping in depth

**DG340R**
For upper roots

**FEINER**

**DG805R**
Fig. 55
Separating forceps for separating upper molar roots

When applied, the jaws of KAISER tooth forceps are almost parallel, thus avoiding the feared pinching off of the roots. The sharp edges and tips of the jaws, as well as the deep grooves and the horizontal cut inside the jaws enable a firm grip of the roots.
TOOTH EXTRACTION

DG404R
Fig. 4
For lower canines

DG413R
Fig. 13
For lower canines and premolars

DH713R
Fig. 13
For lower canines and premolars

DG440R
Fig. 75
For lower canines and premolars

DG733R
Fig. 33
For lower incisors, premolars and roots

DH733R
Fig. 33
For lower incisors, premolars and roots

DG732R
Fig. 33 A
For lower roots, with narrow beaks

DH732R
Fig. 33 A
For lower roots, with narrow beaks
ANATOMICA Tooth Forceps

**DG522R**
Fig. 22
For lower molars, either side

**DH722R**
Fig. 22
For lower molars, either side

**DG523R**
Fig. 23
For lower molars, right

**DG524R**
Fig. 24
For lower molars, left

**TROTTER**

**DG430R**
Fig. 169
For lower canines and premolars

**DG751R**
Fig. 31
For lower premolars and roots

**DG500R**
Fig. 8
For lower premolars
TOOTH EXTRACTION

DG555R
Fig. 73
For lower molars

WOOD
DG561R
Fig. 99
For lower molars

PASSOW
DG562R
Fig. 99 1/4
For lower molars

DG573R
Fig. 86 C
For lower molars, gripping in depth, lateral

DG570R
Fig. 86
For lower molars, gripping in depth, lateral

DG585R
Fig. 87
Cowhorn, for lower molars, gripping in depth, facial
ANATOMICA Tooth Forceps

Special type with bayonet-shaped bend
- anatomical design for easy access
- convenient grip
- freely movable for luxation and extraction
- no injury of the corner of the mouth
- improved sight

ROUTURIER
DG541R
For lower molars and wisdom teeth, left

ROUTURIER
DG542R
For lower molars and wisdom teeth, right
For lower wisdom teeth and molars

Fig. 21

DG650R

DG659R

For lower wisdom teeth

Fig. 79

DH778R

For lower wisdom teeth

Fig. 79 A

DG660R

DH779R

For lower wisdom teeth

Fig. 79 A
ANATOMICA Tooth Forceps

- **DG704R**
  - Fig. 74
  - For lower roots, beaks 4.5 mm wide

- **DH774R**
  - Fig. 74
  - For lower roots, beaks 4.5 mm wide

- **DG702R**
  - Fig. 74 M
  - For lower roots, beaks 4 mm wide

- **DG700R**
  - Fig. 74 N
  - For lower roots and crowded incisors, beaks 2.8 mm wide

- **DG751R**
  - Fig. 31
  - For lower premolars and roots

**BÜCHS SQUARE PROFILE**
TOOTH EXTRACTION

DG732R
Fig. 33 A
For lower roots, with narrow beaks

DH732R
Fig. 33 A
For lower roots, with narrow beaks

DG733R
Fig. 33
For lower incisors, premolars and roots

DH733R
Fig. 33
For lower incisors, premolars and roots

DG346R
Fig. 46 L
For very fine lower roots, gripping in depth

KAISER
DG727R
special pattern for lower roots

FEINER
DG729R
special pattern for lower roots, with extra long beaks

DG806R
Fig. 56
For separating lower molar roots
ANATOMICA Tooth Forceps, Nerve Instruments

**WITZEL modif.**

**DK221R**
- Root splinter forceps
- 160 mm, 6 1/4”

**DK225R**
- Root splinter forceps
- 165 mm, 6 1/2”

**DA296R**
- Nerve instrument
- for broken nerve instrument
- 130 mm, 5 1/2”

**DA297R**
- Nerve instrument
- for broken nerve instrument
- 125 mm, 5”

**PEET**

**BD995R**
- Splinter forceps
- 110 mm, 4 1/4”

**STIEGLITZ**

**BD992R – BD993R**
- Splinter forceps
- 140 mm, 5 1/2”

**DK205R**
- Milk tooth tweezer
- 160 mm, 6 1/2”
**TOOTH EXTRACTION**

- **DK001R**
  - Fig. 37
  - For upper incisors

- **DK011R**
  - Fig. 39
  - For upper molars, either side, wide

- **DK012R**
  - Fig. 158
  - For upper molars, either side, small

- **DK021R**
  - Fig. 51 S
  - For upper roots

- **DK017R**
  - Fig. 39 R
  - For upper molars, right

- **DK018R**
  - Fig. 39 L
  - For upper molars, left

- **DK009R**
  - Fig. 159
  - For upper premolars

---

**Figures:**

- **Fig. 37**
- **Fig. 39**
- **Fig. 39 R**
- **Fig. 39 L**
- **Fig. 158**
- **Fig. 159**
- **Fig. 51 S**
Tooth Forceps for Children

**DK052R**
Fig. 13 S
For lower incisors and premolars

**GRAY**
**DK060R**
Fig. 22 S
For lower molars

**DK061R**
Fig. 161
For lower molars

**DK071R**
Fig. 33 S
For lower roots

**GRAY**
**DK070R**
Fig. 162
For lower roots and incisors
TOOTH EXTRACTION

KLEIN
DK101R
For upper incisors

KLEIN
DK115R
For upper molars

SCHMIDT
DK111R
For upper milk molars

SCHMIDT
DK122R
For upper roots
Tooth Forceps with Springs for Children

KLEIN
DK150R
For lower incisors

KLEIN
DK160R
For lower molars

KLEIN
DK170R
For lower roots
FOR TOOTH EXTRACTION

**DIO01R**
Fig. 1
For upper incisors, canines, premolars and roots

**HULL**
DIO30R
Fig. 101
For canines and premolars, universal tooth forceps and tooth forceps for children

**CRYER**
DIO15R
Fig. 150
For upper incisors, canines, premolars and roots
Tooth Forceps, American Pattern

HARRIS
DI117R
Fig. 18 R
For upper molars, right

HARRIS
DI118R
Fig. 18 L
For upper molars, left

DI110R
Fig. 24
For upper molars, either side

DI121R
Fig. 210
For third molars, either side
TOOTH EXTRACTION

DI153R
Fig. 53 R
For upper molars, right

DI154R
Fig. 53 L
For upper molars, left

NEVIUS
DI188R
Fig. 88 R
For upper molars, right, gripping in depth

NEVIUS
DI189R
Fig. 88 L
For upper molars, left, gripping in depth
DI320R
Fig. 65
For deeply located upper roots

PARMLY
DI331R
Fig. 32 A
For upper roots and premolars with narrow beaks (can also be used for molars)

TOMES
DI300R
Fig. 69
For narrow roots and root splinters, for upper and lower jaws
Fig. 23
For lower molars, either side

DI500R

Fig. 17
For lower molars

DI517R
Tooth Forceps, American Pattern

DI501R
Fig. 16
For lower molars, either side, gripping in depth

CRYER
DI401R
Fig. 151
For lower incisors, canines, premolars and roots
The tooth forceps is positioned between the 7th and 8th tooth. By pressing the working ends together, the wisdom tooth can be removed.

DI650R
Fig. 222
For lower wisdom teeth

DI675R
Fig. 5
For lower wisdom teeth
Tooth Forceps, Tooth Forceps for Children, American Pattern

HULL
DIO30R
Fig. 101
Universal tooth forceps

CRYER
DIO14R
Fig. 150 S
Tooth forceps for children for upper incisors, canines and premolars

CRYER
DI400R
Fig. 151 S
Tooth forceps for children for lower incisors, canines, premolars and molars
TOOTH EXTRACTION

Special Features:
- Very slender working ends
- The working ends are available in 0.5 mm steps from 2.0 to 5.0 mm
- Gouge-like working end
- Handle with depression for thumb

Benefits:
- Easy access to the roots even in areas difficult to reach
- Greater sensitivity during operation
- More gentle clearance of the alveoli
- Better guidance
- Better grip

The straight model is particularly suitable for removing root residues.

2,0 mm 2,5 mm 3,0 mm

DL361R
Fig. 5S
150 mm, 6"

DL362R
Fig. 4S
150 mm, 6"

3,5 mm 4,0 mm 4,5 mm 5,0 mm

DL363R
Fig. 3S
150 mm, 6"

DL364R
Fig. 2S
150 mm, 6"

DL365R
Fig. 1S
150 mm, 6"

DL366R
Fig. 0S
150 mm, 6"
The curved elevators permit better access to the maxillary molar roots.
TOOTH EXTRACTION

**BEIN**
DL032R
For upper roots, round point

**BEIN**
DL033R
For upper roots, round point

**BEIN**
DL034R
For upper roots, square point

**WHITE**
DL062R
For upper roots, straight

**WHITE**
DL063R
For upper roots, curved
HEIDBRINK root apex elevators
Fine, pointed elevators with extremely long working ends, for removing fractured root apex.

HEIDBRINK
DL236R  For lower roots
DL237R  For lower roots
DL011R  For upper roots
DL241R  Fig. 1
DL242R  Fig. 2
DL243R  Fig. 3
TOOTH EXTRACTION

FLOHR
DL015R
For upper roots, spoon-shaped

FLOHR
DL020R
For upper roots, pointed

HYLIN
DL025R

FLOHR
DL238R
For lower roots

FLOHR
DL239R
For lower roots

HYLIN
DL027R

HYLIN
DL028R
With a slight rotary movement, the LINDO-LEVIAN root elevator is pushed between alveolus and root until the groove becomes lodged in the roots. By pulling the root elevator straight down, the barb effect arises in which the root is extracted without leverage.
TOOTH EXTRACTION

CRYER
DL211R
For lower roots, narrow pattern

CRYER
DL212R
For lower roots, narrow pattern

CRYER-WHITE
DL221R
For lower roots, wide pattern

CRYER-WHITE
DL222R
For lower roots, wide pattern
Elevators

- SEL DIN
  - DL225R
    - For lower roots
  - DL226R
    - For lower roots
- WINTER
  - DL229R
    - For lower roots
  - DL230R
    - For lower roots
Elevators

BARRY
DL421R  For lower roots

BARRY
DL422R  For lower roots

BARRY
DL427R  For lower roots

BARRY
DL428R  For lower roots

WINTER
DL409R  For lower roots

WINTER
DL410R  For lower roots
DL271R
Elevator for lower roots

DL272R
Elevator for lower roots
Elevators, ROSIN Luxator Lever

- good overview due to elegant access
- quick and efficient working
- good and controlled guidance of the instrument due to ergonomically designed handle and support recesses on the working end
- soft tissue is not crushed
- the alveolar bone is not damaged
- reduced risk of root fractures

The first step is to separate the buccal and palatinal gingiva.

By rotating the handle (perpendicular to its long axis) the luxation force is directed distally to elevate the tooth out of the alveolus.

The luxator is inserted between the wisdom tooth and the second molar pushing it firmly to the level of the gingival tissue.

Important note:
The luxation of the wisdom tooth is not achieved by using the second molar as the leverage point for the instrument. The instrument should be used with a rotational force in distal direction to luxate the tooth in a buccal movement.

ROSIN
DLO69R
Luxator for upper wisdom teeth
160 mm, 6 ¼”
DO801R
Desmotome, straight filigree
160 mm, 6 1/4"

DO802R
Desmotome, left filigree
170 mm, 7"

DO803R
Desmotome, right filigree
170 mm, 7"

DX400R
ERGOPLANT Periotome
170 mm, 7"
Desmotomes, Periotome, Syndesmotomes

CHOMPRET
D0501R
Syndesmotome
150 mm, 6"

CHOMPRET
D0502R
Syndesmotome
150 mm, 6"

CHOMPRET
D0503R
Syndesmotome
150 mm, 6"
Dental Implantology
In close collaboration with Dr. Dr. Andres Stricker, Freiburg University, an instrument range especially designed for dental implantology has been developed for ergonomics concerning the working tips and handle for any specific indication.

ERGOPLANT thus enables working efficiently with minor physical strain under practice conditions.

All ERGOPLANT instruments are suitable for steam sterilization 134°C (Autoclav).
Implantology Basic Instruments

**DA036R Ø 22 mm**
Mouth mirror, Rhodium
Specially recommended for dental implantology
Sales unit: PAK = Package of 12 pieces

**DA037R Ø 24 mm**

**DX094**
ERGOPLANT
Mouth mirror handle PEEK
135 mm, 5 ⅜"

**BB063R**
Scalpel handle
145 mm, 5 ⅜"

**BB511**
Sterile scalpel blade
Sales unit: PAK = Package of 100 pieces

**BB512**
Sterile scalpel blade
Sales unit: PAK = Package of 100 pieces

**BB515-C**
Sterile scalpel blade
Sales unit: PAK = Package of 100 pieces

**BB515**
Sterile scalpel blade
Sales unit: PAK = Package of 100 pieces

**BB542**
Sterile scalpel blade, double cutting,
Sales unit: PAK = Package of 100 pieces

Blades heat-treated in vacuum

1/1
This working tip helps in case of suturing mucosa transplants, or as raspatory for larger surfaces.
LUCAS
DX220R
ERGOPLANT
Bone curette
190 mm, 7 1/2”

DX400R
ERGOPLANT
Periotome
170 mm, 6 3/4”

NABERS
DX300R
ERGOPLANT
Furcation probe, WHO probe
190 mm, 7 1/2”
Atraumatic dissecting of the flap by means of the papilla elevator without any damage to the papillae.

PHW
DX405R
ERGOPLANT
Atraumatic papilla elevator
190 mm, 7 ½"

BUSER
DX201R
ERGOPLANT
Raspatory
190 mm, 7 ½"
BUSER
DX301R
ERGOPLANT
Micro raspatory
180 mm, 7"

KIRKLAND
DX450R
ERGOPLANT
Gingivectomy knife
190 mm, 7 1/2"
DENTAL IMPLANTOLOGY

STRICKER
DX401R
ERGOPLANT
Spatula, sharp
special for soft tissue
190 mm, 7 ½”

HEIDEMANN
DX402R
ERGOPLANT
Spatula,
delicate
190 mm, 7 ½”
ERGOPLANT – Basic Instruments

DX050R
ERGOPLANT
Tissue forceps
120 mm, 4 ¾"

DX051R
ERGOPLANT
Tissue forceps, with plateau
120 mm, 4 ¾"

DX052R
ERGOPLANT
Non-traumatic dissecting forceps
120 mm, 4 ¼"

DX055R
ERGOPLANT
Soft tissue forceps
140 mm, 5 ½"

DUROGRIP™
with tungsten carbide inserts
BC061R
Delicate scissors, curved
105 mm, 4 1/8"

LOCKLIN
DO219R
Gum scissors, angled to side,
1 blade toothed
155 mm, 6"

HALSTED-MOSQUITO
BH111R
Haemostatic forceps
125 mm, 5"
HEGAR-MAYO

BM065R
DUROGRIP™ Needle holder
for suture material up to 3/0
150 mm, 6”

BM003R
DUROGRIP™ Needle holder
for suture material 4/0–6/0
180 mm, 7”
Separating the maxillary sinus membrane carefully from the bony base. Finally the sinus window will be pushed with the other working tip gently into the hollow maxillary cave.

STRICKER
DX560R
ERGOPLANT
Sinus elevator, universal
200 mm, 8"

STRICKER
DX561R
ERGOPLANT
Sinus elevator
220 mm, 8 ¾”
The Schneiderian membrane of the sinus can be detached with elevator DO571R by 1 - 2 mm along the total cortical bone.

Elevator DO573R is particularly useful in the lower part for detaching the membrane further. The same goes for the caudal area, especially when the membrane is 4-5 mm above the base of the maxillary sinus and the maxillary sinus is built up with granular material.

DO571R
Elevator
190 mm, 7 ½"

DO573R
Elevatorium
Elevator
190 mm, 7 ½"
With the aid of elevator DO572R, the sinus membrane is further detached over a broad area in the inner region, especially along the roof of the palate. Condenser DX555R permits positioning of the filling material.

Elevator DO575R makes it possible to lift the membrane further in mesial region. One working tip is specially designed for the right maxillary sinus and the other for the left maxillary sinus.

With elevator DO574R, the sinus membrane is further elevated in the upper and posterior part of the maxillary sinus wall.

With elevator DO574R, the sinus membrane is further elevated in the upper and posterior part of the maxillary sinus wall.
DO572R
Elevator
195 mm, 7 ¾”

DX555R
ERGOPLANT
Applicator for bone material
195 mm, 7 ¾”

DO577R
Dissector/Raspatory
180 mm, 7”
Scaling in steps of 2 mm

Big marking after 10 mm as security zone

Laser marked size

DX570R – DX574R
ERGOPLANT
Sinutomes
160 mm, 6⅜"
This illustration shows the technique of the percrestale sinus elevation.

DX575R – DX579R
ERGOPLANT
Sinutomes
180 mm, 7”

DX575R
bayonet, Ø 2.2 mm

DX576R
bayonet, Ø 2.8 mm

DX577R
bayonet, Ø 3.5 mm

DX578R
bayonet, Ø 4.2 mm

DX579R
bayonet, Ø 4.8 mm
For advanced alveolar crest atrophies less than three millimeters wide it is preferable to pursue a two-stage approach, in which, an autologous bone graft from appropriate autologous donor sites should be transplanted to the deficient alveolar crest atrophy region prior to the actual implantation. This is exactly what the Aesculap Bone Fixation Set was developed for.
Standard Titanium Screws 1.5 mm

High stability
- No weakening of the material due holding pins in the screw
- Titanium-aluminium alloy ensures high stability of the screws

Small & flat screw head
- Reduces the contact surface between screw and soft tissue

Micro thread
- Allows a good fixation even in very thin residual bone

length
- DX608T 8 mm
- DX610T 10 mm
- DX612T 12 mm
- DX614T 14 mm

Screw magazine with 8 screws, self-taping, cross recess, Ø 1.5 mm

- DX630R Ø 1.25 mm, 31/16 mm
- DX631R Ø 1.5 mm, 27/12 mm

Twist drill with dental shaft

NOT AVAILABLE IN THE USA
Micro screws 1.2 mm
Micro screw head = Standard screw head
- Spreads the surface pressure to a bigger area
- Reduces the risk of bone fracturing
- Advisable for the shell technique

High stability
- No weakening of the material due holding pins in the screw
- Titanium-aluminium alloy ensures high stability of the screws

Micro thread
- Allows a good fixation even in very thin residual bone

<table>
<thead>
<tr>
<th>Screw magazine with 8 screws, self-taping, cross recess, Ø 1.2 mm</th>
<th>Twist drill with dental shaft</th>
</tr>
</thead>
<tbody>
<tr>
<td>DX646T 6 mm</td>
<td>DX629R Ø 1.0 mm, 31/12 mm</td>
</tr>
<tr>
<td>DX648T 8 mm</td>
<td>DX630R Ø 1.25 mm, 31/16 mm</td>
</tr>
<tr>
<td>DX650T 10 mm</td>
<td></td>
</tr>
</tbody>
</table>

Spotlessly clean
- the new open magazine storage system enables mechanical cleaning of the implants

Simple documentation
- the batch numbers are printed on the screw magazines

NOT AVAILABLE IN THE USA
Screwdriver

Ergonomic
- Reduces the force required for tightening and loosening the screw

Securing sleeve
- Used as soft tissue sleeve

Clean
- The open design enables efficient cleaning

Friction
- Enables a strong retention for the screw

DX605R
Screw driver handle

DX606R
Screw driver blade

DX604R
Soft tissue sleeve

NOT AVAILABLE IN THE USA
Bone fixation forceps:

- **Adaptable**
  The working tips adapt to the respective anatomical situation.

- **Delicate**
  The delicate working tips enable drilling and screwing even in smaller bone blocks.

- **Universal**
  The shape of the forceps allows for universal application in the upper and lower jaw.

Clinical Case:

Modular and customisable
Compile your own customised set.
Dental

ERGOPLANT - Bone Fixation

FM960T
2-hole plate, straight

FM965T
16-hole plate, straight

FM964T
Y-plate, 5-hole

<table>
<thead>
<tr>
<th>Screw magazine with 8 screws, self-taping, cross recess</th>
</tr>
</thead>
<tbody>
<tr>
<td>DX646T 6 mm       -</td>
</tr>
<tr>
<td>DX648T 8 mm       DX608T</td>
</tr>
<tr>
<td>DX650T 10 mm      DX610T</td>
</tr>
<tr>
<td>- 12 mm          DX612T</td>
</tr>
<tr>
<td>- 14 mm          DX614T</td>
</tr>
</tbody>
</table>

NOT AVAILABLE IN THE USA
DX629R Ø 1.0 mm, 31/12 mm
DX630R Ø 1.25 mm, 31/16 mm
DX631R Ø 1.5 mm, 27/12 mm
Twist drill with dental shaft

DX605R Screw driver handle

DX606R Screw driver blade

DX604R Soft tissue sleeve

DX517R Osteotome, curved, 4 mm wide, for bone block extraction

JG513R Small dish 50 x 30 x 20 mm

NOT AVAILABLE IN THE USA
DX620
Rack for screw magazines
(Rack without contents)

DX621R
Rack for twist drills
and tools
(Rack without contents)

BL911R
Box for the twist drills

DX715
Bone Fixation Set including tray with the
following contents:
- DX620  Rack for screw magazines
- DX621R Rack for twist drills
- DX630R Twist drill, Ø 1.25 mm
- DX631R Twist drill, Ø 1.5 mm
- DX715200 Rack for screw driver
- DX605R Screw driver
- DX606R Screw driver blade
- JG391 Silicone instrument rack (2x)

JN092
Sterile container 312 x 190 x 46 mm,
for accommodating DX715 or JG381R

JK091
Permanent filter for sterile container,
Order unit: PAK = Pack with 2 pieces

NOT AVAILABLE IN THE USA
Autogenous bone in augmentation has been established as the "golden standard". The region where to gain the bone (Bone Harvesting) and the required consistence for augmentation can vary, depending on the case. Here the ERGOPLANT Micro Bone Mill shows its flexibility where at a high yield of bone-grist is always ensured.
ERGOPLANT Micro bone-mill
- Small and handy
- Interchangeable cutting disks
- Cutting disks available for finer or coarser bone particles
- Easy to clean due to special cleaning instruments
- Easy mounting and demounting
- High bone yield requires less bone harvesting

- Ergonomic PEEK handle
- Bone chop
- Closing ring
- Milling bush
- Bone mill shell
- Cutting disk
- Bone mill bowl
ERGOPLANT – Bone Harvesting

DX801R
ERGOPLANT
Micro bone-mill
(delivered with coarse cutting disk DX803R)

DX802R
ERGOPLANT
Cutting disk for DX801R, fine

DX803R
ERGOPLANT
Cutting disk for DX801R, coarse

Cleaning fork for punching out valuable bone material of all cutting disk holes at once in a row.

DX810R
ERGOPLANT
Bone-mill-cleaner fine
for DX802R
195 mm, 7¾"

DX811R
ERGOPLANT
Bone-mill-cleaner coarse
for DX803R
195 mm, 7¾"
Enables secure carrying and placing of enough bone material. The other working tip serves for pushing and plugging bone material into the augmentation area.

The small surface of the pointed tip avoids the sticking of the humid membrane. The small spatula on the other end, helps to take out bone material of, for instance, the bone files DX252R-DX253R, as shown on page 38.
For detailed grabbing and removing of granulated tissue. Also suitable for cutting smaller bone transplants.

LUER-FRIEDMANN

DX500R
ERGOPLANT
Bone rongeur
145 mm, 5 3/4"

DX501R
ERGOPLANT
Bone cutting forceps, curved
130 mm, 5"
If smaller quantity of bone material is required, with the bone files DX252R-DX253R it can be harvested directly from the jaw-bone, without additional trauma for the patient. The quantity is often sufficient, for augmentation around the implant-neck.

With this raspatory fine bone particles can be harvested by simply scratching over the jaw-bone.
The Step-Osteotome was specially developed for secure bone-splitting with simultaneous stepwise widening. Due to the specially designed working tips, the maxillary crest will be first expanded towards palatinal and only afterwards towards vestibular. In the same time spongy bone in the center will be condensed. After removing the Step-Osteotome, a pre-selection point for the implant bur can be clearly seen.
DX510R
ERGOPLANT Osteotome straight, 3 mm
160 mm, 6 1/3”

DX511R
ERGOPLANT Osteotome straight, 4 mm
160 mm, 6 1/3”

DX512R
ERGOPLANT Osteotome straight, 6 mm
160 mm, 6 1/3”
ERGOPLANT – Bone Split

DX513R
ERGOPLANT Osteotome straight, 8 mm
160 mm, 6½”

DX517R
ERGOPLANT Osteotome curved, 4 mm
160 mm, 6½”

DX518R
ERGOPLANT Osteotome curved, 6 mm
160 mm, 6½”
The maxillary crest is split transversal by the Step-Osteotome.

After splitting the maxillary crest the bone split is closing within a short period of time. This leads to an unwished and unnecessary bone loss when drilling afterwards. This causes the risk of an implant that is not exactly positioned and additional augmentative treatments could be necessary. The bone split is kept apart by the retractor. Thus, the existing bone can be, used better to position the implant.

The bone split is kept apart by the retractor.

The implant can be positioned by using the existing bone.
DX505R
ERGOPLANT
Applicator for bone split retractors

DX506T
ERGOPLANT
Titanium bone split retractor, 3 x 5 mm

DX507T
ERGOPLANT
Titanium bone split retractor, 4 x 6 mm

DX509R
Rack for 4 bone split retractors, can be easily fastened in Aesculap dental trays, incl. 2 fixation pins
ERGOPLANT - Bone Condensing / Bone Split

DX530R
straight, 1.5-2.2 mm

DX531R
straight, 2.2-2.8 mm

DX532R
straight, 2.8-3.5 mm

DX533R
straight, 3.5-4.2 mm

DX534R
straight, 4.2-4.8 mm

ERGOPLANT
Bone condenser
160 mm, 6½”

Scaling in steps of 2 mm

Big marking after 10 mm as security zone

Laser marked size
ERGOPLANT – Bone Condensing

DX535R
bayonet, 1.5-2.2 mm

DX536R
bayonet, 2.2-2.8 mm

DX537R
bayonet, 2.8-3.5 mm

DX538R
bayonet, 3.5-4.2 mm

DX539R
bayonet, 4.2-4.8 mm
BB045T
145 mm, 5¾"
Titanium-microblade holder with round handle, light. Easily rotated and easy to handle for precision incisions.

BB367R
BB364R
Sales unit: PAK = package of 10 pieces

BB363R
BB369R
Sales unit: PAK = package of 1 piece

Microsurgical blade stainless steel, sterile packed

ERGOPLANT

BB511
BB515
BB515-C
Fig.11 Fig.15 Fig.15-C
Scalpel blades, vacuum heat treated, sterile packed
Sales unit: PAK = package of 100 pieces

BB063R
145 mm, 5¾"
Scalpel blade holder with round handle
DUROGRIP™

= with tungsten carbide inserts

DIADUST™

= Diamond Powder Coated Needle Holders

BM003R

DUROGRIP™ needle holder with carbide inserts for suture material 4/0 - 6/0
180 mm, 7"

FD258R

FD258R - FD259R

Micro needle holder for suture material 6/0 - 9/0
180 mm, 7"

FD252R

Micro ligature scissors, curved, one blade serrated
180 mm, 7"
COOLEY
DX303R
Atraumatic micro forceps
180 mm, 7"

DIADUST™
FD253R
Micro dissecting forceps,
diamond dust coated
180 mm, 7"

DIADUST™
FD255R – FD256R
Micro tissue forceps
180 mm, 7"
Atraumatic dissecting of the flap by means of the papilla elevator without any damage to the papillae.
Rounded plate-shaped working tips allow more movement, and significantly increase the radius of mobilization in frontal and lateral sub-periostal preparation.

The sharpened edge of the instrument tips also allows sulcular as well as tunnel technique preparation (as with the envelope technique).

The design and angle of the working tips significantly facilitates preparation in convex areas.

STRICKER
DX310R

The straight tunnelling instrument is mainly used in the upper jaw, in the frontal and lateral region. This allows large areas of the gingiva to be undermined using both tunnel and sulcular techniques.

195 mm, 7 ¾”
Instruments for tunnel technique for periodontal recessions

STRICKER DX311R
The angled tunnelling instrument is primarily used for preparing lateral, buccal regions. It can also be used distally, without tearing the mucosal tissue and also for the lower jaw.
195 mm, 7 ¾”

DB095
Original Arkansas grinding stone, for grinding on tunnelling instruments
75 x 25 x 7 mm

JG598
Sterilit® Aesculap oil for grinding stones
Contents: 50 ccm
To ensure the long-term success of an implant, consistent aftercare is very important. To eliminate plaque on the implant-abutment interface, titanium curettes can be preferable.

- Very delicate working tips facilitate access to dental implant collar
- No risk of infection from curette abrasion
- Low implant damage risk
- Manually sharpenable
Recall Set for Dental Implant Cleaning

LANGER DB180T
Fig. 1/2,
Titanium curette,
for premolars, molars,
universal; mandible

LANGER DB181T
Fig. 3/4,
Titanium curette,
for premolars, molars,
universal; maxilla

LANGER DB182T
Fig. 5/6,
Titanium curette,
for anterior teeth,
universal
3rd European Consensus Conference (EuCC) Cologne 2008 on Periimplantitis:
Diagnosis & procedure: ...careful probing of pocket on four sides (0.2 N probe)...

Force-controlled periodontal probe

- Defined probing force of 0.2 N (20 g)
- Low implant damage risk
- Titanium nitride coating
- Exact marking and smooth transition
- No abrasion

**DB764R**

UNC 15, marking
11111-11111-11111 mm

**DB765R**

WHO; PCP 11.5, marking
3.5 – 2 – 3 – 3 mm
These instruments were developed to hold back lips, cheeks, tongue and lingual mucous membrane. Due to the ergonomic handle design, a more relaxed working with minor physical strain is possible, even in long operations.

DX100R
ERGOPLANT
Cheek retractor
215 mm, 8½"
DX101R
ERGOPLANT
Vestibulum hook
220 mm, 8½"

BÜCHS
DX102R
ERGOPLANT
Soft tissue retractor
200 mm, 8”
The mouth wedges are particularly advantageous for longer implantations and also provide support for the patient.

**DX113 – DX115**
Sales unit: PAK = Package of 2 pieces suitable for steam sterilization 134°C (Autoclav)

**DX120R**
Chain with clip lock for DX113-DX115
450 mm, 17”
Dental Prosthetics
PLANERT Crown widening pliers
- universally applicable in the upper and lower jaws
- essential time saving
- protection of the periodontium
- no stump beaks and no periodontal membrane contusions

At the beginning the crown is slit parallel with a relatively thin instrument.

To produce parallel slit edges which can be easily gripped with the pliers, a cylindrical instrument with diam. of approx. 1.0 mm is guided perpendicular to the tooth center line.
- no slipping off of the instruments and no risk of injury to the oral cavity soft tissue
- frequent reusability of the crowns and bridges as temporary measure
- use also possible with thinwalled crowns and hard alloys

Finally the crown will be removed in the conventional way.

Our tip:
The slit walls which are produced must be perpendicular. Always cut through the bottom crown edge and, if possible, extend the slit up to the masticatory surface. In the case of bridges, move the slits approximately 1/3 towards the suspension element.

The teeth of the crown widening pliers are positioned in order to spread the crown.

Finally the crown will be removed in the conventional way.
Designed to minimize the risk of dropping inlays and veneers.

Occlusal stopper and 2 x 2 lateral claws provide a very secure grip for handling all different shapes and sizes of inlay to minimize dropping.

DP800R
160 mm, 6 ¼”
Aesculap Impression Trays

JESCO-Form impression trays, impression trays acc. WÖSTMANN perforated pattern. Using plastic or resilient impression compounds, these materials will penetrate the holes and give the necessary support for a correct impression. The impression trays are made of stainless steel 18/8.

The impression trays for lower jaw acc. WÖSTMANN in addition have the following characteristics and advantages:

- Modified tray shield and changed tray curve.
- Lengthened tray with simultaneous reduction of transversal expansion.
- All teeth are seized, incl. the third molares
- Sufficient and uniform thickness of the impression compounds in the area of lingual undercut of the teeth.

* The shapes of the impression trays are based on an analysis of naturally toothed patients of:
PD. Dr. B. Wöstmann
Zentrum für Zahn-, Mund- und Kieferheilkunde
der Julius-Liebig-Universität
Abteilung für Zahnärztliche Prothetik
Schlangenzahl 14; D-35392 Gießen
For resilient impression compounds

Using plastic or resilient impression compounds, these materials will penetrate the holes and give the necessary support for a correct impression.

JESCO-Form impression trays
for toothed upper jaws

<table>
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<th>Code</th>
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<th>Dimensions</th>
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<td>DR201R</td>
<td>OB1</td>
<td>66 mm x 52 mm</td>
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<tr>
<td>DR202R</td>
<td>OB2</td>
<td>71 mm x 62 mm</td>
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<tr>
<td>DR203R</td>
<td>OB3</td>
<td>71 mm x 64 mm</td>
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<td>DR204R</td>
<td>OB4</td>
<td>80 mm x 70 mm</td>
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JESCO-Form impression trays
for partly toothed upper jaws

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<td>62 mm x 50 mm</td>
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<td>DR222R</td>
<td>OP2</td>
<td>70 mm x 56 mm</td>
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JESCO-Form impression trays
for edentulous upper jaws

<table>
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<tr>
<td>DR231R</td>
<td>OU1</td>
<td>65 mm x 46 mm</td>
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<tr>
<td>DR232R</td>
<td>OU2</td>
<td>68 mm x 53 mm</td>
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<tr>
<td>DR233R</td>
<td>OU3</td>
<td>79 mm x 61 mm</td>
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</table>
Using plastic or resilient impression compounds, these materials will penetrate the holes and give the necessary support for a correct impression.

For resilient impression compounds

according to WÖSTMANN
Impression trays for toothed lower jaws

JESCO-Form impression trays
for edentulous lower jaws

JESCO-Form impression trays
for partly toothed lower jaws

For edentulous lower jaws

Impression trays for partly toothed lower jaws

JESCO-Form impression trays
for toothed lower jaws
AA804R
Steel ruler, stainless, graduated in millimeters and inches, 150 mm (6") long

ZIELINSKY
DP725R
Caliper

BEERENDONK
DP726R
Caliper

DR780R
Forceps for articulating paper 150 mm, 6"
Instruments for Measuring, Applicator for Retraction Sutures, Retraction Thread Packer, Mixing Tablets

BÜCHS

DO305R
Applicator for retraction sutures
175 mm, 7”

DO303R
Retraction thread packer, flexible
170 mm, 6 ¾”

DF121
130 x 80 mm
Mixing tablet, glass
5 x 3 ¼”
DF131R
150 mm, 6"

DF138R
165 mm, 6½"

DF150R
especially flexible
185 mm, 7¼"

DF153R
180 mm, 7"
Cement Spatulas

DF161R
175 mm, 7”

DF163R
180 mm, 7”

DF165R
180 mm, 7”
BÖHM

DP741R

Telescope pliers firmly grip the inner crown so that the outer one can be separated easily. To avoid damage to the crown in too stern a pressure, the set screw can be adjusted.
Telescope Pliers, Crown Scissors

BEEBE

DP560R – DP569R

Crown scissors

110 mm, 4 3/8”
PLANERT Crown widening pliers
- universally applicable in the upper and lower jaws
- essential time saving
- protection of the periodontium
- no stump beaks and no periodontal membrane contusions

PLANERT DP788R
Crown widening pliers, for removing crowns and bridges
140 mm, 5 ½"

FURRER DP752R
Coperring, temporary measure and crown removing pliers
145 mm, 5 ¼"

MERSHON DP756R
Crown depressor
145 mm, 5 ½"
Crown Removers

DP770R
Crown and bridge remover, complete, with 3 points

DP771R
Crown remover
255 mm, 10”

TREYMANN

DP781R
Handle only

DP783R
Point, only

DP784R
Point, only

DP787R
Point, only
DENTAL PROSTHETICS

JARABAK
DP308R
140 mm, 5¾"
Light wire pliers
- for shaping and closing loops
- with 3 holding grooves
- max. wire size .028"

ANGLE
DP309R
125 mm, 5"
Bird beak pliers
- with tungsten carbide inserts (can be replaced)
- max. wire size .028"

ANGLE
DP311R
125 mm, 5"
Bird beak pliers
- max. wire size .028"

ANGLE
DP312R
125 mm, 5"
Wire bending pliers
- max. wire size .028"
**Flat Pliers**

**DP029R**
125 mm, 5"
Flat pliers
- mouth parts serrated
- with short mouth parts, for better transmission of force

**DP031R**
140 mm, 5½"
Flat pliers
- mouth parts serrated

**DP032R**
140 mm, 5½"
Flat pliers
- smooth mouth parts

**GOSLEE DP035R**
140 mm, 5½"
Flat pliers
- one smooth mouth part, one serrated
DENTAL PROSTHETICS

Three-finger pliers
For use with hard wires and spring hard wires in the application of orthodontic appliances, quad-helix appliances, Nance appliances and many other appliances
max. wire size: 0.7 mm (.028")

ADERER
DP315R
120 mm, 4¾"

Three-finger pliers
- For use with hard wires and spring hard wires in the application of orthodontic appliances, quad-helix appliances, Nance appliances and many other appliances
- max. wire size: 0.7 mm (.028")

ADERER
DP316R
125 mm, 5"

Three-finger pliers
- max. wire size: 0.9 mm (.036")
Three-finger Pliers, Round Pliers, Round-nosed Pliers

DP121R
140 mm, 5½”
Round pliers
- delicate pattern

DP122R
140 mm, 5½”
Round pliers

ANDERSEN
DP131R
130 mm, 5⅛”
Round-nosed pliers
- for bending loops
- max. wire size:
  1.0 mm (.040”)
PEESO

**DP101R**
Wire bending pliers
135 mm, 5¼"

**DP133R**
Wire bending pliers
135 mm, 5¼"

for wire up to 0.7 diam.

**DP314R**
Wire bending pliers
125 mm, 5"

1.0 diam.
Wire bending Pliers, Round nose Pliers

**DP001R**
- 140 mm, 5 ½"
- Wire bending pliers
- Serrated jaws

**DP007R**
- 145 mm, 5 ¾"

**DP021R**
- 140 mm, 5 ¼"

**ANDRESEN**
**DP131R**
- 130 mm, 5 ¼"
- Wire bending pliers
- For bending loops

**SCHWARZ**
**DP134R**
- 135 mm, 5 ¾"
- Wire bending pliers
- For bending loops

- For wire up to 0.7 mm diam.

- For wire up to 0.5 mm diam.

- 1.0 mm diam.

- 0.7 mm diam.
KÖHLER
DP330R
120 mm, 4¾"
Triangular bending clamp pliers
- for fast and exact bending of arrow-head clasps
- max. wire size: 0.7 mm (.028")

YOUNG
DP323R
140 mm, 5½"
Loop bending pliers
- for loops of any dimension
- particularly suitable for labial bows
- max. wire size: 0.7 mm (.028") springy

DP324R
140 mm, 5½"
Loop bending pliers
- max. wire size: 1.0 mm (.040") springy
Wire bending Pliers, Pin- and Wire Cutters

DP501R
Pin- and wire cutters
for soft wire up to diam 1.5 mm, for hard wire up to diam 1.0 mm
150 mm, 6”

DP505R
Pin- and wire cutters
for soft wire up to diam 1.5 mm, for hard wire up to diam 1.2 mm
160 mm, 6 ¼”
DP551R
Wire scissors, 1 blade serrated for soft wire up to diam. 1.2 mm, for hard wire up to diam. 0.6 mm 120 mm, 4 ¾”

DP552R
Wire scissors, 1 blade serrated for soft wire up to diam. 1.2 mm, for hard wire up to diam. 0.8 mm 120 mm, 4 ¾”

DUROTIP
jaws with tungsten carbide inserts
Wire Scissors, Wire Cutters, Wire Bending Pliers

DP520R
Wire cutter
for soft wire up to diam. 1.5 mm,
for hard wire up to diam. 1.0 mm
145 mm, 5¾”

DP530R
Wire cutter
for soft wire up to diam. 1.5 mm,
for hard wire up to diam. 1.0 mm
140 mm, 5½”

ANGLE
DP540R
Wire cutter
for soft wire up to 0.5 mm,
for hard wire up to 0.3 mm
130 mm, 5⅛”

ANGLE
DP541R
Wire cutter
for soft wire up to 0.6 mm,
for hard wire up to 0.4 mm
130 mm, 5⅛”
Wire Cutters

REILL

LX159R
Wire cutter
for soft wire up to diam. 2.0 mm
for hard wire up to diam 1.5 mm
175 mm, 7”

for cutting off wires close
to the bone

specially hardened
cutting edges

LX156R
Wire cutter
for soft wire up to diam. 3.0 mm
for hard wire up to diam 2.2 mm
235 mm, 9 ¼”

specially hardened
cutting edges
Orthodontics
**DP512R**
125 mm, 5"
Hard wire cutter
- with tungsten carbide inserts (can be sharpened/replaced)
- for cutting all orthodontic wires
- wires can be cut without deformation
- max. wire size: .022 x .028"

**DP542R**
125 mm, 5"
Distal end cutter
- with tungsten carbide inserts (can be sharpened/replaced)
- for intraoral cutting, with safety hold, from wire size .014" upwards
- max. wire size: .021 x .025"
DP511R
125 mm, 5"

Ligature cutter
- with tungsten carbide inserts
  (can be sharpened/replaced)
- fine cutting jaws and their 15° angular offset enable cutting close to the bracket
- max. wire size: .014"
Universal orthodontic pliers
- with tungsten carbide inserts (can be replaced)
- used as a retaining instrument and to insert archwires in the tube
- enables easy intraoral activation of archwires
- short jaws for better transmission of force

Weingart delicate
- with tungsten carbide inserts (can be replaced)
Instruments for the permanent technique

TWEED

DP317R

125 mm, 5"

Torque pliers

- with tungsten carbide inserts (can be replaced)
- for exact, sharp-edged bending thanks to sturdy tungsten carbide inserts
- max. wire size: .028"
Loop forming pliers

- sturdy, rounded jaw part in size 2 and 2.5 mm (for the inner diameter of the loop)
- flat jaw part serrated for good fixation of the archwire
- sufficient room for the safe and torque-free formation of loops
- max. wire size: .019 x .025"
Instruments for the permanent technique

Arch bending pliers

- for forming the desired curvature
- the curved design of the jaws allows the curvature of the wires to be adjusted in small steps
- the spring-loaded handle opens the pliers automatically, which facilitates the work
- suitable for all orthodontic wires

De La ROSA
DP335R
125 mm, 5"

NANCE
DP333R
125 mm, 5"

Step loop bending pliers

- Steps of 3, 4, 5 and 6 mm enable exact, even bending, e.g. for utility arches
JARABAK
DP308R
140 mm, 5 ¼"
Light wire pliers
■ for shaping and closing loops
■ with 3 holding grooves
■ max. wire size .028"

ANGLE
DP309R
125 mm, 5"
Bird beak pliers
■ with tungsten carbide inserts (can be replaced)
■ max. wire size .028"

ANGLE
DP311R
125 mm, 5"
Bird beak pliers
■ max. wire size .028"

ANGLE
DP312R
125 mm, 5"
Wire bending pliers
■ max. wire size .028"
Instruments for the permanent technique

**Band removing pliers**
To remove bands, the plastic tip is placed on the occlusal surface and the metal beak is placed under the tube or cleat, and the bands are removed in small steps with alternating forces buccally and lingually/palatally.

**DF406R**
175 mm, 7"
Separating pliers
- for applying separators

**DP744R**
140 mm, 5 ½"
Band remover
- with tungsten carbide insert (can be replaced)
- replaceable plastic tip
  - to plug in (Art.no. DP744202)
  - to screw (Art.no. DP744205)
Holds the clamped brackets automatically. The delicate forceps tips can be placed mesially/distally and also under the wings. The end of the forceps can be used to adjust the bracket position.

DP150R
125 mm, 5"
Combination clamp forceps
- straight
- mouth parts serrated
- for positioning brackets
- spindle on forceps end is used for adjusting the brackets.

DP152R
125 mm, 5"
Combination clamp forceps
- angled
- mouth parts serrated
- particularly suitable for positioning brackets in the posterior teeth
- spindle on forceps end is used for adjusting the brackets.
Instruments for the permanent technique

DP387R
140 mm, 5 1⁄2"
Alastik holder (MATHIEU)
- with delicate, serrated mouth parts
- for applying rubber ligatures
- Spring enables single-handed use
- the single-step locking mechanism facilitates the work and makes it easier to remove the clamp from the patient.

HALSTED-MOSQUITO
BH110R
125 mm, 5"
Forceps, straight
- mouth parts serrated
- for applying rubber ligatures

HALSTED-MOSQUITO
BH111R
125 mm, 5"
Forceps, curved
Scaler
- for removing adhesive and cement residues

Scaler/Pusher
- for positioning and removing bands and for removing cement and adhesive residues

DB370R
175 mm, 7”
Scaler

SCHURE
DP380R
160 mm, 7”
Scaler/Pusher
- for positioning and removing bands and for removing cement and adhesive residues

DP406R
150 mm, 6”
Orthodontic probe
- short, strong tip
- among other things, suitable for removing ligatures and adjusting brackets
Instruments for the permanent technique, Flat Pliers

DP029R
125 mm, 5"
Flat pliers
- mouth parts serrated
- with short mouth parts, for better transmission of force

DP031R
140 mm, 5 ¼"
Flat pliers
- mouth parts serrated

DP032R
140 mm, 5 ¼"
Flat pliers
- smooth mouth parts

GOSLEE
DP035R
140 mm, 5 ¾"
Flat pliers
- one smooth mouth part, one serrated
Instruments for the removable technique

ADERER
DP315R
120 mm, 4 3⁄4"
Three-finger pliers
- For use with hard wires and spring hard wires in the application of orthodontic appliances, quad-helix appliances, Nance appliances and many other appliances
- max. wire size: 0.7 mm (.028")

ADERER
DP316R
125 mm, 5"
Three-finger pliers
- max. wire size: 0.9 mm (.036")
Indexes
<table>
<thead>
<tr>
<th>Item No.</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB510</td>
<td>122</td>
</tr>
<tr>
<td>BB511</td>
<td>46, 122, 267, 310</td>
</tr>
<tr>
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<td>122, 267</td>
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<td>106, 334</td>
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<td>Item No.</td>
<td>Page</td>
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Alphabetical Index

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<thead>
<tr>
<th>A</th>
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<tbody>
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<td>ADERER, band removing pliers</td>
<td>361</td>
</tr>
<tr>
<td>wire bending pliers</td>
<td>361</td>
</tr>
<tr>
<td>ADSON–BROWN, tissue forceps</td>
<td>175</td>
</tr>
<tr>
<td>ADSON, delicate tissue forceps</td>
<td>175</td>
</tr>
<tr>
<td>DUROGRIP non-traumatic dissecting forceps</td>
<td>172</td>
</tr>
<tr>
<td>suction tubes</td>
<td>215</td>
</tr>
<tr>
<td>AFTER–GRACEY, curettes</td>
<td>36, 37</td>
</tr>
<tr>
<td>AINSWORTH, rubber-dam punches</td>
<td>112</td>
</tr>
<tr>
<td>ALLIS, tissue grasping forceps</td>
<td>180</td>
</tr>
<tr>
<td>tissue grasping forceps</td>
<td>180</td>
</tr>
<tr>
<td>Amalgam carriers and accessories</td>
<td>105</td>
</tr>
<tr>
<td>Anatomic filling instruments</td>
<td>80-87</td>
</tr>
<tr>
<td>ANDRESEN, wire bending pliers</td>
<td>345, 347</td>
</tr>
<tr>
<td>ANGLE, wire bending pliers</td>
<td>342, 360</td>
</tr>
<tr>
<td>wire cutter</td>
<td>351</td>
</tr>
<tr>
<td>Applicator for bone material</td>
<td>281, 298</td>
</tr>
<tr>
<td>for retraction sutures</td>
<td>147, 335</td>
</tr>
<tr>
<td>Arch bar</td>
<td>181</td>
</tr>
<tr>
<td>Arch cutter</td>
<td>354</td>
</tr>
<tr>
<td>Articulating paper forceps</td>
<td>106, 334</td>
</tr>
<tr>
<td>Aspira-plus, syringes</td>
<td>217, 218</td>
</tr>
<tr>
<td>aspiration syringes</td>
<td>217, 218</td>
</tr>
<tr>
<td>ATRAUMATA tooth tweezers</td>
<td>15, 172</td>
</tr>
<tr>
<td>dissecting forceps</td>
<td>171, 172</td>
</tr>
<tr>
<td>Atraumatic papilla elevators, ERGOPLANT</td>
<td>55, 270, 313</td>
</tr>
<tr>
<td>Awl for zygomatic arch</td>
<td>181</td>
</tr>
<tr>
<td>Awls</td>
<td>181</td>
</tr>
<tr>
<td>for zygomatic arch</td>
<td>181</td>
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<thead>
<tr>
<th>B</th>
<th>Page</th>
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<tbody>
<tr>
<td>BABY–CRIE (KOCHER), haemostatic forceps</td>
<td>179</td>
</tr>
<tr>
<td>BABY–CRIE (PEAN), haemostatic forceps</td>
<td>179</td>
</tr>
<tr>
<td>BABY–METZENBAUM, dissecting scissors</td>
<td>151</td>
</tr>
<tr>
<td>DUROTIP dissecting scissors</td>
<td>163</td>
</tr>
<tr>
<td>BABY–MOSQUITO (HARTMANN), haemostatic forceps</td>
<td>178</td>
</tr>
<tr>
<td>BACKHAUS, towel clamps</td>
<td>177</td>
</tr>
<tr>
<td>BALDWIN, plugger</td>
<td>93</td>
</tr>
<tr>
<td>Band remover</td>
<td>356, 361</td>
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<tr>
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<td>Page</td>
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<td>---------</td>
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<tr>
<td><strong>BÜCHS,</strong> applicator for retraction sutures</td>
<td>147, 335</td>
</tr>
<tr>
<td>cheek retractors</td>
<td>142</td>
</tr>
<tr>
<td>plastic filling instruments</td>
<td>92</td>
</tr>
<tr>
<td>raspatories</td>
<td>59, 187</td>
</tr>
<tr>
<td>retractors</td>
<td>142, 323</td>
</tr>
<tr>
<td>soft tissue retractors</td>
<td>142</td>
</tr>
<tr>
<td>tooth forceps</td>
<td>223, 224, 226, 228, 230, 231, 234-236</td>
</tr>
<tr>
<td><strong>BUCHWALD,</strong> tongue spatula</td>
<td>131</td>
</tr>
<tr>
<td>Burnisher</td>
<td>101, 102</td>
</tr>
<tr>
<td><strong>BUSER</strong> micro raspatory</td>
<td>56, 183, 271, 313</td>
</tr>
<tr>
<td><strong>ERGOPLANT,</strong> raspatories</td>
<td>54, 182, 270</td>
</tr>
</tbody>
</table>

**C**

| | Page |
| Caliper | 334 |
| Cannula, suction | 215, 216 |
| Cartridge syringes | 217, 218 |
| Carver | 107 |
| composite | 88 |
| micro | 73 |
| Case, gauze | 147 |
| Cases, needle | 212, 293 |
| **CASTROVIEJO,** DUROGRIP needle holders | 206 |
| Cement spatula | 336, 337 |
| CHADWICK, delicate scissors | 157 |
| gum scissors | 157 |
| Cheek retractors | 130, 136, 139, 141, 142, 322 |
| Chisels | 186, 191-194 |
| septum | 186, 192 |
| mini | 56, 57, 193 |
| **CHOMPRET,** raspatories | 263 |
| syndesmotomes | 263 |
| Clamp forceps | 113, 362 |
| Clamps, towel | 177 |
| Cleid/Discoid instruments | 107 |
| Cloth scissors | 168 |
| **COLUMBIA,** universal curettes | 28, 29 |
| Composite carver | 88 |
| HEIDEMANN spatula | 81, 89 |
| instruments | 80, 89 |
| Composite instruments | 80, 81, 88-90 |
| for condensing | 90 |
| for moulding | 80, 88, 90 |
| Composite plugger | 81, 90 |

**CONVERSE,** DUROGRIP needle holders | 207 |
**COOLEY,** atraumatic micro forceps | 50, 119, 312 |
**COOPER,** surgical scissors | 148 |
Coperring removing pliers | 340 |
**COTTLE,** chisels | 194 |
mallets | 197 |
osteotomes | 194 |
**COUPLAND,** elevators | 255 |
**CRANE CAPLAN,** scaler | 23 |
**CRILE–MURRAY,** needle holders | 203 |
**CRILE–WOOD,** DUROGRIP needle holders | 207 |
**CRILE,** haemostatic forceps | 179 |
needle holders | 205 |
Crown depresser | 340 |
instruments | 328, 340, 341 |
remover | 341 |
scissors | 339 |
widding pliers | 328, 340 |
and Bridge remover, point | 341 |
**CRYER–WHITE,** elevators | 256 |
**CRYER,** elevators | 256 |
tooth forceps | 242, 247 |
tooth forceps for children | 249 |
Curettes | 30-32, 34-39, 188, 190 |
**CUSHING,** DUROGRIP forceps | 172 |
Cutter pin | 349 |
distal end | 354 |
hard wire | 354 |
ligature | 355 |

**D**

| | Page |
| DARBY–PERRY, excavatores | 111 |
| **DE BAKEY,** atraumatic forceps | 171 |
dissecting scissors | 15 |
DUROGRIP needle holders | 208 |
**DEAN,** gum scissors | 157 |
**DEAVER,** surgical scissors | 150 |
Delicate dissecting forceps | 169, 170 |
dissecting scissors | 151-153, 158 |
haemostatic forceps | 178-180, 274, 363 |
scissors | 154-157, 159, 274 |
scissors, DUROTIP  161, 162
surgical forceps  174, 175
Desmotomes  262
DIADUST, micro forceps  50, 119, 312
micro needle holders  51, 119, 311
DINGMANN MODIF., bone holding forceps  199
DINGMANN, bone holding forceps  199
Disc-shaped curettes  66
elevator  64
raspatories  64
Dissecting forceps  12, 169, 170-172, 273
delicate  169, 170
Dissecting Scissors  151-153, 158
delicate  151-153, 158
DUROTIP  163
Dissection raspatories  56
Dissectors  57, 64, 184
Distal-End-Cutter  354
DOCKHORN, retractors  143
DOYEN-COLLIN, mouth gag  127
DOYEN-JANSEN, mouth gag  127
Dressing forceps  176
Drills bone fixation  288, 292
DUROGRIP needle holder with scissors  209
forceps  172
forceps  172
ligature scissors  162, 164
ligature scissors  164
needle holders  51, 206-208, 210, 211, 275, 311
needle holders with scissors  204, 209
scissors  161-163
scissors with wavecut  162-164
tooth tweezers  15, 172
universal forceps  356
Wire scissors  350

ENGL. MOD., towel clamp  177
ERGOPLANT  200, 202, 299, 306
applicator for bone material  281, 298
atraumatic papilla elevator  55, 270, 313
bone curettes  188, 269
bone files  191, 300
bone rongeur  200, 202, 299, 306
cheek retractors  322
forceps  171, 172, 175, 273
furcation probes  269
gingivectomy knives  271
micro blades  47, 69, 121, 310
osteotomes  292, 302, 303
periotomes  262, 269
raspatories  54, 182, 183, 268, 270
silicone mouth wedges  129, 325
periosteotomes  301
tongue retractors  131, 324
vestibulum retractors  130, 323
Excavators  109-111
Explorers  6, 7, 8, 9
Extraction elevators  261

F

FARABEUF, retractors  138
FEINER, tooth forceps  229, 236
FERGUSSON–ACKLAND, mouth gag  127
FERGUSSON, suction cannula  216
FICKLING, haemostatic forceps  180
Files  190
Files bone  190
periodontal  190
Filling instruments  88-105
remover  106
Filter paper  377
sterile  377
Filter, reusable  377
Fine retractors  145, 146
<p>| INDEXES |
|-------------------------------|-------------------|
| Fine wound retractors | FOSTER FLAGG, plastic filling instruments |
| 145, 146 | 98 |
| FLAGG, tooth tweezers | FRAHM, instruments for moulding |
| 12 | 104 |
| Flat condenser | instruments for moulding |
| 85 | 87, 104 |
| Composite | FRAZIER, delicate wound retractors |
| 89 | 145 |
| Flat pliers | FRAZIER, instruments for moulding |
| 343, 365 | 87, 104 |
| FLOHR, elevators | FRAZIER, delicate wound retractors |
| 254 | 145 |
| FOMON, delicate dissection scissors | FRAZIER, instruments for moulding |
| retractors | 87, 104 |
| 145 | 87, 104 |
| scissors | 145 |
| 158 | 145 |
| wound retractors | FREEDMAN, Composite instruments |
| 145 | 90 |
| Forceps | FREER-YASARGIL, raspatories |
| articulating paper | FREER, chisels |
| 106, 334 | 186, 192 |
| ATRAUMATA | 58, 184 |
| atraumatic | 58, 184 |
| 15, 171, 172 | 186, 192 |
| bone cutting | FREVERT, wire bending pliers |
| 202 | 357 |
| bone holding | Furcation probes |
| 199 | 9 |
| bracket | Ergoplant |
| 362 | 269 |
| clamps | FURRER, coperring removing pliers |
| 362 | 340 |
| coperring remover | |
| delicate dissecting | 50, 119, 312 |
| 169, 170 | |
| delicate dissecting | 174, 175 |
| delicate surgical | 12, 169, 170-172, 273 |
| DIADUST | 126 |
| dissecting | 176 |
| dressing | DUROGRIP |
| 172, 356 | 172, 356 |
| ERGOPLANT | 171, 172, 175, 273 |
| haemostatic | 178-180 |
| inlay | 330 |
| ligature | 170, 178, 181, 205, 363 |
| micro | 50, 119, 312 |
| milk tooth | 237 |
| reposition | 198 |
| root splinter | 74, 170, 206, 214, 237 |
| separating | 361 |
| Sinus | 176 |
| slender haemostatic | 178-180, 274, 363 |
| soft tissue | 171, 273 |
| Forceps, splinter | 214, 237 |
| sponge | 176 |
| surgical | DUROGRIP needle holders with scissors |
| 173-175, 273 | 204, 209 |
| suture | wound retractors |
| 170, 206 | 145 |
| tissue grasping | 145 |
| tongue | Gingival margin trimmer |
| 180 | 107 |
| tooth | Gingivectomy knives |
| 223-236, 238-249 | 60, 61 |
| universal | ERGOPLANT |
| 356 | 271 |
| Grinding stone | |
| G | |
| GABKA, elevators | 258 |
| Gag, mouth | 127, 128 |
| Gauze case | 147 |
| GERALD, delicate surgical forceps | 174 |
| GILLES, delicate surgical forceps | 174 |
| delicate wound retractors | 145 |
| GOLDMANN-FOX, Hoes | 27 |
| universal curettes | 28 |
| GOSLEEE, wire bending pliers | 343, 365 |
| Gouges | 191, 192 |
| GRACEY, curettes | 30-32, 34, 35 |
| GRAEFE, fine wound retractors | 145 |
| wound retractors | 145 |
| Grasping forceps | 180 |
| artery | 180 |
| GRAY, tooth forceps for children | 239 |
| Grinding stone | 44, 52, 317 |</p>
<table>
<thead>
<tr>
<th>Alphabetical Index</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GROSS</strong>, Sponge- and dressing forceps</td>
</tr>
<tr>
<td>Gum scissors</td>
</tr>
<tr>
<td>DUROTIP</td>
</tr>
<tr>
<td>GUY, tooth forceps</td>
</tr>
<tr>
<td><strong>H</strong></td>
</tr>
<tr>
<td>HAASE, reposition forceps</td>
</tr>
<tr>
<td>Haemostatic forceps</td>
</tr>
<tr>
<td>delicate</td>
</tr>
<tr>
<td>HAJEK, mallets</td>
</tr>
<tr>
<td>HALLE, dissectors</td>
</tr>
<tr>
<td>elevators</td>
</tr>
<tr>
<td>HALSEY, DUROGRIP needle holders</td>
</tr>
<tr>
<td>needle holders</td>
</tr>
<tr>
<td>HALSTED-MOSQUITO, haemostatic forceps</td>
</tr>
<tr>
<td>ligation forceps</td>
</tr>
<tr>
<td>HALSTED, haemostatic forceps</td>
</tr>
<tr>
<td>Handle for mirrors</td>
</tr>
<tr>
<td>mouth mirrors</td>
</tr>
<tr>
<td>scalpels</td>
</tr>
<tr>
<td>HARRIS, tooth forceps</td>
</tr>
<tr>
<td>HARTMANN, Nasal speculum</td>
</tr>
<tr>
<td>HAUER, medicine applicators</td>
</tr>
<tr>
<td>periodontometers</td>
</tr>
<tr>
<td>HEGAR-MAYO, DUROGRIP needle holders</td>
</tr>
<tr>
<td>HEGAR-OLSEN MODIF. LANGE, DUROGRIP needle holder with scissors</td>
</tr>
<tr>
<td>HEGAR-OLSEN DUROGRIP needle holder with scissors</td>
</tr>
<tr>
<td>HEIDBRINK, Composite spatula</td>
</tr>
<tr>
<td>elevators</td>
</tr>
<tr>
<td>ERGOPLANT spatula</td>
</tr>
<tr>
<td>root apex elevators</td>
</tr>
<tr>
<td>HEIDEMANN, Plastic filling instruments</td>
</tr>
<tr>
<td>spatula</td>
</tr>
<tr>
<td>HEISTER, mouth gag</td>
</tr>
<tr>
<td>HEMINGWAY, bone curettes</td>
</tr>
<tr>
<td>Hoes</td>
</tr>
<tr>
<td>Holders, cheek</td>
</tr>
<tr>
<td>DUROGRIP needle</td>
</tr>
<tr>
<td>lips</td>
</tr>
<tr>
<td>napkin</td>
</tr>
<tr>
<td>needles</td>
</tr>
<tr>
<td>needles DIADUST</td>
</tr>
<tr>
<td><strong>I</strong></td>
</tr>
<tr>
<td>HEGAR-OLSEN DUROGRIP needle holder with scissors</td>
</tr>
<tr>
<td>with scissors</td>
</tr>
<tr>
<td>Holding for labels</td>
</tr>
<tr>
<td>HOLINSER, forceps for inlays</td>
</tr>
<tr>
<td>HOLLENBACK, filling instruments</td>
</tr>
<tr>
<td>instrument for moulding</td>
</tr>
<tr>
<td>plastic filling instruments</td>
</tr>
<tr>
<td>HOPSON, burnisher</td>
</tr>
<tr>
<td>plastic filling instruments</td>
</tr>
<tr>
<td>HOWARTH, elevators</td>
</tr>
<tr>
<td>raspatories</td>
</tr>
<tr>
<td>HULL, tooth forceps</td>
</tr>
<tr>
<td>HYLIN, elevators</td>
</tr>
<tr>
<td><strong>J</strong></td>
</tr>
<tr>
<td>JAMESON-WERBER, delicate dissecting scissors</td>
</tr>
<tr>
<td>JAMESON, delicate dissecting scissors</td>
</tr>
<tr>
<td>JANSSEN, bone curettes</td>
</tr>
<tr>
<td>JARABAK, wire bending pliers</td>
</tr>
<tr>
<td>JONES, towel clamps</td>
</tr>
<tr>
<td>INDEXES</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>JOSEPH, delicate scissors</td>
</tr>
<tr>
<td>fine wound retractors</td>
</tr>
<tr>
<td>fine wound retractors</td>
</tr>
<tr>
<td>gum scissors</td>
</tr>
<tr>
<td>scissors</td>
</tr>
<tr>
<td>wound retractors</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>K</td>
</tr>
<tr>
<td>KAISER, tooth forceps</td>
</tr>
<tr>
<td>KAY (AUSTIN), cheek retractors</td>
</tr>
<tr>
<td>KELLY, delicate scissors</td>
</tr>
<tr>
<td>gum scissors</td>
</tr>
<tr>
<td>haemostatic forceps</td>
</tr>
<tr>
<td>KELSEY FRY, awls</td>
</tr>
<tr>
<td>KILNER, delicate dissecting scissors</td>
</tr>
<tr>
<td>dissecting scissors</td>
</tr>
<tr>
<td>DUROGRIP needle holders</td>
</tr>
<tr>
<td>fine retractors</td>
</tr>
<tr>
<td>fine wound retractors</td>
</tr>
<tr>
<td>retractors</td>
</tr>
<tr>
<td>KIRKLAND, ERGOPLANT, gingivectomy knives</td>
</tr>
<tr>
<td>gingivectomy knives</td>
</tr>
<tr>
<td>KIRSCH, cheek retractors</td>
</tr>
<tr>
<td>mucoperiost retractors</td>
</tr>
<tr>
<td>retractors</td>
</tr>
<tr>
<td>KLEIN, tooth forceps for children</td>
</tr>
<tr>
<td>Knives, gingivectomy</td>
</tr>
<tr>
<td>KOCHER-Langenbeck, retractors</td>
</tr>
<tr>
<td>KÖHLER, Triangular bending clamp pliers</td>
</tr>
<tr>
<td>KÖNIG, bone levers</td>
</tr>
<tr>
<td>elevators</td>
</tr>
<tr>
<td>raspatories</td>
</tr>
<tr>
<td>KRAMER-NEVINS, mini chisel</td>
</tr>
<tr>
<td>M</td>
</tr>
<tr>
<td>L</td>
</tr>
<tr>
<td>ERGOPLANT</td>
</tr>
<tr>
<td>LA GRANGE, delicate scissors</td>
</tr>
<tr>
<td>LADMORE, plastic filling instruments</td>
</tr>
<tr>
<td>LAMBOTTE, osteotomes</td>
</tr>
<tr>
<td>LANGENBECK-GREEN, retractors</td>
</tr>
<tr>
<td>LANGENBECK, DUROGRIP needle holders</td>
</tr>
<tr>
<td>Category</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Matrices</td>
</tr>
<tr>
<td>Matrix retainer</td>
</tr>
<tr>
<td>Maxillary awls</td>
</tr>
<tr>
<td>MAYO-HEGAR, needle holders</td>
</tr>
<tr>
<td>MC CALL, universal curettes</td>
</tr>
<tr>
<td>MC INDOE, delicate surgical forceps</td>
</tr>
<tr>
<td>MEAD, bone rongeur</td>
</tr>
<tr>
<td>Moulding, composite instrument for Mouth gag</td>
</tr>
<tr>
<td>Medicine applicators</td>
</tr>
<tr>
<td>MERSHON, crown depressers</td>
</tr>
<tr>
<td>METZENBAUM, dissecting scissors</td>
</tr>
<tr>
<td>DUROTIP dissecting scissors</td>
</tr>
<tr>
<td>Needle cases</td>
</tr>
<tr>
<td>Micro carver</td>
</tr>
<tr>
<td>forceps, DIADUST</td>
</tr>
<tr>
<td>Probes</td>
</tr>
<tr>
<td>Ligature scissors</td>
</tr>
<tr>
<td>Mirrors</td>
</tr>
<tr>
<td>Needle holders</td>
</tr>
<tr>
<td>Needle holders, DIADUST</td>
</tr>
<tr>
<td>Needle holders, DUROGRIP</td>
</tr>
<tr>
<td>Plugger</td>
</tr>
<tr>
<td>Probes</td>
</tr>
<tr>
<td>Raspatories</td>
</tr>
<tr>
<td>Scalpel handles</td>
</tr>
<tr>
<td>Scalpels</td>
</tr>
<tr>
<td>Scissors</td>
</tr>
<tr>
<td>spatula</td>
</tr>
<tr>
<td>Spoon-shaped curette</td>
</tr>
<tr>
<td>MICRO-ADSON, delicate dissecting forceps</td>
</tr>
<tr>
<td>Delicate surgical forceps</td>
</tr>
<tr>
<td>MICRO-HALSTED, haemostatic forceps</td>
</tr>
<tr>
<td>Microsurgery blades</td>
</tr>
<tr>
<td>Microsurgery instruments</td>
</tr>
<tr>
<td>MIDDELDORPF, cheek retractors</td>
</tr>
<tr>
<td>retractors</td>
</tr>
<tr>
<td>Milk tooth tweezers</td>
</tr>
<tr>
<td>MILLER, bone curettes</td>
</tr>
<tr>
<td>Bone curettes</td>
</tr>
<tr>
<td>Bone files</td>
</tr>
<tr>
<td>ERGOPLANT, bone files</td>
</tr>
<tr>
<td>Mini chisels</td>
</tr>
<tr>
<td>MINI-GRACEY, curettes</td>
</tr>
<tr>
<td>NABERS, ERGOPLANT, Furcationprobe</td>
</tr>
<tr>
<td>Furcationprobe</td>
</tr>
<tr>
<td>Napkin holder</td>
</tr>
<tr>
<td>Nasal specula</td>
</tr>
<tr>
<td>Suction tubes</td>
</tr>
<tr>
<td>Tampon forceps</td>
</tr>
<tr>
<td>Needle cases</td>
</tr>
<tr>
<td>Needle dissecting scissors</td>
</tr>
<tr>
<td>NEVIUS, tooth forceps</td>
</tr>
<tr>
<td>NG, fixation forceps for Inlays</td>
</tr>
<tr>
<td>NIEDERDELLMANN, osteotomes</td>
</tr>
<tr>
<td>NORTHBENT, ligature scissors</td>
</tr>
<tr>
<td>NYSTRÖM, matrix retainer</td>
</tr>
</tbody>
</table>
INDEXES

<table>
<thead>
<tr>
<th>Term</th>
<th>Page</th>
<th>Term</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>surgery</td>
<td>4, 8, 9, 44, 52, 317</td>
<td>Periotomes, ERGOPLANT</td>
<td>262, 269</td>
</tr>
<tr>
<td>PERRY, dissecting forceps</td>
<td>12, 170</td>
<td>tooth tweezers</td>
<td>12, 170</td>
</tr>
<tr>
<td>PHYSICK, tooth forceps</td>
<td>242, 248, 249</td>
<td>Pin Cutter</td>
<td>349</td>
</tr>
<tr>
<td>holding forceps</td>
<td>74, 170, 206, 214</td>
<td>Placing instruments, ERGOPLANT</td>
<td>298</td>
</tr>
<tr>
<td>PLANERT, crown widening pliers</td>
<td>328, 340</td>
<td>Pliers, crown widening</td>
<td>328, 340</td>
</tr>
<tr>
<td>telescope</td>
<td>338</td>
<td>wire</td>
<td>181</td>
</tr>
<tr>
<td>wire bending</td>
<td>342-349, 356-358, 360, 365, 366</td>
<td>Plunger</td>
<td>71, 72, 73, 84, 85, 93</td>
</tr>
<tr>
<td>Composite</td>
<td>81, 90</td>
<td>Point for crown removers</td>
<td>341</td>
</tr>
<tr>
<td>Press pad</td>
<td>383</td>
<td>Probes</td>
<td>213</td>
</tr>
<tr>
<td>PRICHARD, ERGOPLANT, raspatories</td>
<td>54, 182, 268</td>
<td>Raspatories</td>
<td>56</td>
</tr>
<tr>
<td>raspatories</td>
<td>56</td>
<td>Probes</td>
<td>213</td>
</tr>
<tr>
<td>raspatories</td>
<td>56</td>
<td>furcation</td>
<td>269</td>
</tr>
<tr>
<td>Raspatories ERGOPLANT</td>
<td>54, 182, 183, 268, 270</td>
<td>micro</td>
<td>67</td>
</tr>
<tr>
<td>Rack</td>
<td>384</td>
<td>Pusher/Scaler</td>
<td>364</td>
</tr>
<tr>
<td>Rack for burrs</td>
<td>293, 384</td>
<td>Rack for screw magazines</td>
<td>293</td>
</tr>
<tr>
<td>Ramus retractors</td>
<td>143</td>
<td>Raspatories</td>
<td>56</td>
</tr>
<tr>
<td>dissection</td>
<td>56</td>
<td>Retaining forceps</td>
<td>220</td>
</tr>
<tr>
<td>READ, tooth forceps</td>
<td>227</td>
<td>Retaining forceps</td>
<td>220</td>
</tr>
</tbody>
</table>

O

OBWEGESER, awl for zygomatic arch awls                                            | 181 |
        mandibular awls                                                   | 181 |
        maxillary awls                                                   | 181 |
        osteotomes                                                     | 194 |
        raspatories                                                    | 185 |
        retractors                                                     | 140, 143, 144 |
        soft tissue retractors                                         | 140 |
        spina-nasalis retractors                                       | 143 |
        wire and ligature forceps                                      | 181 |

OCHSENBEIN, mini chisels                                                          | 56, 193 |

OCHSNER, ligature forceps                                                         | 170 |

Oil for grinding stone                                                            | 44, 52, 317, 385 |

Oil spray, STERILIT®                                                            | 385 |

ORBAN, gingivectomy knives                                                        | 60 |

Orthodontic pliers                                                               | 181, 342-349, 351, 352, 354, 355, 357, 358, 360, 365, 366 |

Osteotomes                                                                      | 191, 193, 194, 195 |

ERGOPLANT                                                                      | 292, 302, 303 |

nasal septum                                                                    | 195 |

sinutomes                                                                       | 282, 283 |

P

PALMER, clamp forceps                                                             | 113 |
    rubber-dam clamp forceps                                                     | 113 |

Paper filter                                                                    | 377 |

sterile filter                                                                  | 377 |

Papilla elevator                                                                | 57 |

PARMLY, tooth forceps                                                           | 245 |

PARTSCH MOD. LANGE, bone curettes                                               | 187 |
    chisels                                                                       | 191 |
    gouges                                                                        | 191 |
    raspatories                                                                   | 58, 186 |
    raspatories                                                                   | 187 |

PASSOW, tampers                                                                | 194 |

PASSOW, tooth forceps                                                           | 232 |

PEAN, haemostatic forceps                                                       | 178, 179 |

PEESO, wire bending pliers                                                      | 346 |

Peridontometers                                                                | 10, 11, 18, 21, 42, 111, 147, 214, 320 |

Periodontal files                                                               | 190 |

Periodontics prevention                                                          | 3, 23, 28, 29, 30, 31 |

Q

QUINBY, delicate scissors                                                        | 159 |

R

Rack                                                                            | 384 |

for burrs                                                                       | 293, 384 |

Rack for screw magazines                                                        | 293 |

Ramus retractors                                                               | 143 |

Raspatories                                                                    | 56, 58, 59, 184-188, 263 |

Raspatories ERGOPLANT                                                          | 54, 182, 183, 268, 270 |

dissection                                                                     | 56 |

READ, tooth forceps                                                             | 227 |
<table>
<thead>
<tr>
<th>Alphabetical Index</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Page</strong></td>
</tr>
<tr>
<td>REILL, reposition forceps</td>
</tr>
<tr>
<td>wire cutter</td>
</tr>
<tr>
<td>Reposition forceps</td>
</tr>
<tr>
<td>Retraction thread packer</td>
</tr>
<tr>
<td>Retractors</td>
</tr>
<tr>
<td>cheek</td>
</tr>
<tr>
<td>fine</td>
</tr>
<tr>
<td>Mucoperiost</td>
</tr>
<tr>
<td>Ramus</td>
</tr>
<tr>
<td>soft tissue</td>
</tr>
<tr>
<td>Spina-nasalis</td>
</tr>
<tr>
<td>tongue</td>
</tr>
<tr>
<td>vestibulum</td>
</tr>
<tr>
<td>wound</td>
</tr>
<tr>
<td>Reuseable filters</td>
</tr>
<tr>
<td>REYNOLDS, delicate dissecting scissors</td>
</tr>
<tr>
<td>RHODES, chisels</td>
</tr>
<tr>
<td>mini chisels</td>
</tr>
<tr>
<td>ROBERTS, raspatories</td>
</tr>
<tr>
<td>Root apex elevators</td>
</tr>
<tr>
<td>splinter forceps</td>
</tr>
<tr>
<td>spreader</td>
</tr>
<tr>
<td>ROSEKÖNIG, mouth gag</td>
</tr>
<tr>
<td>ROSIN, extraction elevator</td>
</tr>
<tr>
<td>Round bowls</td>
</tr>
<tr>
<td>ROUTURIER, tooth forceps</td>
</tr>
<tr>
<td>ROUX, cheek retractors</td>
</tr>
<tr>
<td>retractors</td>
</tr>
<tr>
<td>Rubber-dam</td>
</tr>
<tr>
<td>instruments</td>
</tr>
<tr>
<td>punches</td>
</tr>
<tr>
<td>RYDER, DUROGRIP needle holders</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Indexes</td>
</tr>
<tr>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>nasal</td>
</tr>
<tr>
<td>SPENCER, ligature scissors</td>
</tr>
<tr>
<td>Spina-nasalis retractors</td>
</tr>
<tr>
<td>Splint with hooks</td>
</tr>
<tr>
<td>Splinter forceps</td>
</tr>
<tr>
<td>Sponge forceps</td>
</tr>
<tr>
<td>Spoon shaped curettes, micro</td>
</tr>
<tr>
<td>STAMM, bone cutting forceps</td>
</tr>
<tr>
<td>STANDARD, DUROGRIP forceps</td>
</tr>
<tr>
<td>Steel ruler</td>
</tr>
<tr>
<td>STELLBRINK, bone rongeur</td>
</tr>
<tr>
<td>Step osteotome, ERGOPLANT</td>
</tr>
<tr>
<td>STERILIT®, instrument oil</td>
</tr>
<tr>
<td>oil for grinding stone</td>
</tr>
<tr>
<td>oil spray</td>
</tr>
<tr>
<td>STERNBERG, cheek retractors</td>
</tr>
<tr>
<td>retractor</td>
</tr>
<tr>
<td>STIEGLITZ, splinter forceps</td>
</tr>
<tr>
<td>Strabismus scissors</td>
</tr>
<tr>
<td>STRATTE, DUROGRIP, needle holders</td>
</tr>
<tr>
<td>Suction cannula</td>
</tr>
<tr>
<td>instruments</td>
</tr>
<tr>
<td>tubes</td>
</tr>
<tr>
<td>tubes, nasal</td>
</tr>
<tr>
<td>SUGARMAN, periodontal files</td>
</tr>
<tr>
<td>Surgical forceps</td>
</tr>
<tr>
<td>delicate</td>
</tr>
<tr>
<td>scissors</td>
</tr>
<tr>
<td>Suture forceps</td>
</tr>
<tr>
<td>SYME, raspatories</td>
</tr>
<tr>
<td>Syndesmotomes</td>
</tr>
<tr>
<td>Syringes</td>
</tr>
<tr>
<td>cartridge</td>
</tr>
<tr>
<td>water</td>
</tr>
<tr>
<td>Tablet, mixing</td>
</tr>
<tr>
<td>Tampers</td>
</tr>
<tr>
<td>Telescop pliers</td>
</tr>
<tr>
<td>TESSIER, retractors</td>
</tr>
<tr>
<td>Test rods, plexiglas</td>
</tr>
<tr>
<td>Tissue grasping forceps</td>
</tr>
<tr>
<td>Titanium plates</td>
</tr>
<tr>
<td>SYME, raspatories</td>
</tr>
<tr>
<td>test rods, plexiglas</td>
</tr>
<tr>
<td>Test rods, plexiglas</td>
</tr>
<tr>
<td>Test rods, plexiglas</td>
</tr>
<tr>
<td>Test rods, plexiglas</td>
</tr>
</tbody>
</table>
### Alphabetical Index

<table>
<thead>
<tr>
<th>W</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WALLIS</strong>, burnisher</td>
<td><strong>ZAUFAL-JANSEN</strong>, bone rongeur</td>
</tr>
<tr>
<td>plastic filling instruments</td>
<td>202</td>
</tr>
<tr>
<td><strong>WARD</strong>, cheek retractors</td>
<td><strong>ZIELINSKY</strong>, caliper</td>
</tr>
<tr>
<td>filling instruments</td>
<td>334</td>
</tr>
<tr>
<td>instruments for moulding</td>
<td></td>
</tr>
<tr>
<td>plastic filling instruments</td>
<td></td>
</tr>
<tr>
<td>raspatories</td>
<td></td>
</tr>
<tr>
<td>retractors</td>
<td></td>
</tr>
<tr>
<td><strong>WARWICK–JAMES</strong>, elevators</td>
<td>101</td>
</tr>
<tr>
<td><strong>WASSMUND</strong>, retractors</td>
<td>141</td>
</tr>
<tr>
<td>Water syringe</td>
<td></td>
</tr>
<tr>
<td><strong>WAUGH</strong>, delicate surgical forceps</td>
<td>218</td>
</tr>
<tr>
<td><strong>WEINGART</strong>, DUROGRIP universal forceps</td>
<td>174</td>
</tr>
<tr>
<td>universal forceps</td>
<td>356</td>
</tr>
<tr>
<td><strong>WESTCOTT</strong>, burnisher</td>
<td>356</td>
</tr>
<tr>
<td>instruments for moulding</td>
<td></td>
</tr>
<tr>
<td><strong>WESTON</strong>, Explorers</td>
<td>87</td>
</tr>
<tr>
<td><strong>WHITE</strong>, burnisher</td>
<td></td>
</tr>
<tr>
<td>elevators</td>
<td>102</td>
</tr>
<tr>
<td>excavators</td>
<td>252</td>
</tr>
<tr>
<td>plastic filling instruments</td>
<td>111</td>
</tr>
<tr>
<td><strong>WHO</strong>, periodontometers</td>
<td>98</td>
</tr>
<tr>
<td><strong>WILLIAMS-FOX</strong>, Periodontometers</td>
<td></td>
</tr>
<tr>
<td><strong>WILLIGER</strong>, bone curettes</td>
<td></td>
</tr>
<tr>
<td>elevators</td>
<td>101</td>
</tr>
<tr>
<td>raspatories</td>
<td>184</td>
</tr>
<tr>
<td><strong>WINTER</strong>, elevators</td>
<td></td>
</tr>
<tr>
<td>Wire bending pliers</td>
<td>58, 59, 184, 185</td>
</tr>
<tr>
<td>Wire cutter</td>
<td></td>
</tr>
<tr>
<td>rubber</td>
<td></td>
</tr>
<tr>
<td><strong>YOUNG</strong></td>
<td></td>
</tr>
<tr>
<td><strong>WOOD</strong>, tooth forceps</td>
<td></td>
</tr>
<tr>
<td><strong>WOODSON</strong>, plastic filling instruments</td>
<td></td>
</tr>
<tr>
<td>Wound retractors</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>YOUNG</strong>, tongue forceps</td>
</tr>
<tr>
<td>wire bending pliers</td>
</tr>
</tbody>
</table>

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**Above:**

Dental instruments and their associated page numbers from an alphabetical index.