Aesculap Dental Instruments

Product Catalog

Aesculap, Inc.
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.
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
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 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 healthcare 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.
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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
- Excellent for surgery, treatment of deep cavities, endodontics, implantology etc.
Mouth Mirror and Handles

**DA026R Ø 22 mm**
**DA027R Ø 24 mm**
Mouth mirror, Surface

**DA036R Ø 22 mm**
**DA037R Ø 24 mm**
Mouth mirror, Rhodium

**DA026R** – **DA037R**
Sales unit:
PAK = Package of 12 pieces

Mouth mirror handles

- Colored handles made out of synthetic material for easier organization of the treatment rooms
- Ergonomical handle shape
- Sterilizable up to 275 °F

**DA090**
135 mm, 5 ½"

**DA091**
135 mm, 5 ½"

**DA092**
135 mm, 5 ½"

**DA093**
135 mm, 5 ½"

**DA083**
Mouth mirror handle
135 mm, 5 ½"
**DA074R**
Mouth mirror handle
125 mm, 5"

**DA076R**
Mouth mirror handle
135 mm, 5 ½"

**DA080R**
Mouth mirror handle
120 mm, 4 ¾"
The New Class of Excellence
You can see it. You can feel it.

Make yourself comfortable.
You’ll never want to put them down again – the new instruments in the Aesculap® Ergoprobe range make working that much easier, more relaxed and less tiring. The secret lies in the extremely lightweight, ergonomic handles with surfaces specially designed to have a particularly pleasant feel.

Flawless performance
- Dental probe working ends made of Phynox steel
  - delicate
  - elastic
  - dimensionally stable
- Periodontal probes are coated with titanium nitride
  - accurate marking
  - smooth transitions
  - less wear

Easy-to-grip surface

Pleasant ergonomics
- Shape and thickness help ensure low-fatigue work
- Extremely lightweight handles

Ergoprobe combines modern design with unique ergonomics and top functionality

Pioneering aesthetics
DA802R
Fig. 6
160 mm, 6¼”

DA806R
Fig. 6A
160 mm, 6¼”

DA808R
Fig. 8
160 mm, 6¼”

DA809R
Fig. 8A
160 mm, 6¼”

DA810R
Fig. 9
160 mm, 6¼”

DA823R
EXS 3A
165 mm, 6½”
Explorers, delicate, flexible

DA811R
Fig. 9A
160 mm, 6 ¼”

DA812R
Fig. 9B
160 mm, 6 ¼”

DA814R
Fig. 2
160 mm, 6 ¼”

DA816R
Fig. 23
160 mm, 6 ¼”

DA818R
Fig. 17
160 mm, 6 ¼”
**DIAGNOSTICS**

<table>
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<th>Model</th>
<th>Fig.</th>
<th>Length</th>
<th>Diameter</th>
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<td>8/9</td>
<td>165 mm, 6½&quot;</td>
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<td>DA868R</td>
<td>17/23</td>
<td>155 mm, 6”</td>
<td>1/1</td>
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<tr>
<td>DA870R</td>
<td></td>
<td>165 mm, 6½&quot;</td>
<td>1/1</td>
</tr>
<tr>
<td>DA863R</td>
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<td>160 mm, 6¼&quot;</td>
<td>1/1</td>
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Explorers, delicate, flexible, Furcation probe

DA871R
EXD 11/12
175 mm, 7"

WESTON
DA885R
170 mm, 6¾"

NABERS
DA882R
P2N
Furcation probe
170 mm, 6¾"
Due to a lack of measurement pressure standardization, clinical measurements taken using different probing techniques often provide contradictory results. Objective evaluation of periodontal status is only possible when using pressure-sensitive periodontal probes. When assessing periodontal disease, probe measurements are subject to numerous instrumental and subjective influences, which can often result in understimation of actual probing depths. When too little pressure is used, the main limiting factor on measurement probes is soft-tissue morphology rather than proportions of coronal, supra-alveolar fiber structures. Thanks to their defined spring pressure of 0.2 N, the DB764R and DB765R periodontal probes allow standardized probing in follow-up care of periodontal diseases, and especially in cases of inflammatory gingival changes in long-term studies.

**Periodontal probe with defined probing force of 0.2 N (20 g)**

<table>
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<th>DB764R</th>
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<td><strong>UNC 15</strong></td>
<td><strong>PCP 11.5 C</strong></td>
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<tr>
<td>165 mm, 6 ½&quot;</td>
<td>165 mm, 6 ½&quot;</td>
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**DB764R**
- UNC 15
- 165 mm, 6 ½"

**DB765R**
- PCP 11.5 C
- 165 mm, 6 ½"
Color coding system, coated with titanium nitride
- exact marking and smoothing
- abrasion-free

DB865R
UNC 15
160 mm, 6¼”

DB868R
PCP 11
160 mm, 6¼”

WHO
DB867R
PCP 11,5 C
160 mm, 6¼”

DB874R
UPM
(PCP 11,5 C+ UNC 15)
170 mm, 6¾”

DB866R
HAUER
DB776R
135 mm, 5¼”
PERRY
DA204R  
serrated  
130 mm, 5⅛"

DA208R  
smooth  
130 mm, 5⅛"

MERIAM
DA212R  
smooth  
150 mm, 6"

DA221R  
serrated  
160 mm, 6¼"
**MERIAM**
DA225R
serrated
160 mm, 6 1/4"

**LONDON-COLLEGE**
DA240R
smooth
150 mm, 6"

**LONDON-COLLEGE**
DA241R
serrated
150 mm, 6"

**LONDON-COLLEGE**
DA243R
serrated
150 mm, 6"
LONDON-COLLEGE, mod.
Particularly strong, distortion-free design, serrated.

Special tooth tweezers

DA231R
Serrated
150 mm, 6"

DA244R
Serrated
150 mm, 6"

DA251R
Serrated
150 mm, 6"

DA271R
Serrated/with lock
150 mm, 6"
DUROGRIP Tooth forceps with tungsten carbide insert for secure grasping of matrices and interdental wedges.
Periodontics
Due to a lack of measurement pressure standardization, clinical measurements taken using different probing techniques often provide contradictory results. Objective evaluation of periodontal status is only possible when using pressure-sensitive periodontal probes. When assessing periodontal disease, probe measurements are subject to numerous instrumental and subjective influences, which can often result in underestimation of actual probing depths. When too little pressure is used, the main limiting factor on measurement probes is soft-tissue morphology rather than proportions of coronal, supra-alveolar fiber structures. Thanks to their defined spring pressure of 0.2 N, the DB764R and DB765R periodontal probes allow standardized probing in follow-up care of periodontal diseases, and especially in cases of inflammatory gingival changes in long-term studies.
Periodontometers

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

DB868R
PCP 11
155 mm, 6⅛”

DB867R
PCP 11,5 C
160 mm, 6¼”

DB874R
160 mm, 6¼”

WHO
Color coding system, coated with titanium nitride
- exact marking and smooth transition
- abrasion-free
Periodontometers

WILLIAMS-FOX
DB775R
165 mm, 6½"

HAUER
DB776R
135 mm, 5¼"
PERIODONTICS

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 up to 275°F

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

supragingival use

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, 6½"
supragingival use

McCALL
DB376R
13S/14S
Premolars
Molars
mesial/distal
175 mm, 7"

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

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

DB354R
S 204 S
Molars
universal
175 mm, 7”
Special Scalers, Universal Curettes LANGER

**Supragingival Use**
- GOLDMAN-FOX DB345R
  - GF 5
  - Premolars
  - Molars
  - buccal/lingual
  - 175 mm, 7”

**Supra/subgingival Use**
- GOLDMAN-FOX DB346R
  - GF 6
  - Anteriors
  - Premolars
  - Molars
  - labial/lingual
  - mesial/distal
  - 175 mm, 7”

- LANNER DB330R
  - L 1/2
  - Premolars
  - Molars
  - universal
  - 170 mm, 6¾”

- LANNER DB331R
  - L 3/4
  - Premolars
  - Molars
  - universal
  - 170 mm, 6¾”

- LANNER DB332R
  - L 5/6
  - Anteriors
  - premolars
  - universal
  - 170 mm, 6¾”

**Lower jaw**
- Universal

**Upper jaw**
- Universal
GOLDMAN-FOX
DB342R
GF 2
universal
Anteriors
Premolars
universal
175 mm, 7"

GOLDMAN-FOX
DB344R
GF 4
Premolars
Molars
universal
175 mm, 7"

COLUMBIA
DB362R
2R/2L
universal
Anteriors
universal
175 mm, 7"

COLUMBIA
DB363R
4R/4L
Premolars
Molars
universal
170 mm, 6 3/4"

supra/subgingival use
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 17S/18S
Premolars
Molars
165 mm, 6½"

supra/subgingival use

for infected tissue
Fig. 1/2
Anteriors
universal
175 mm, 7”

Fig. 3/4
Anteriors Premolars
universal
175 mm, 7”

Fig. 5/6
Anteriors Premolars
universal
175 mm, 7”

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

subgingival use
subgingival use

GRACEY-Curettes

**GRACEY DB384R**
Fig. 9/10
Premolars
Molars
buccal/lingual
170 mm, 6¾”

**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
170 mm, 6¾”

**GRACEY DB387R**
Fig. 15/16
Premolars
Molars
mesio-buccal/
mesio-lingual
170 mm, 6¾”
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 the vestibular direction in one step without having to change the instrument. It is only with the change to the 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.
Special Combination of GRACEY-Figures, Rigid GRACEY-Curettes

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

Rigid GRACEY DB583R
Fig. 7/8
Premolars Molars buccal/lingual
170 mm, 6¼"

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

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"
Shaft 3 mm longer than Standard-GRACEY, narrow working tip shortened

for easier access to the deep, narrow root surfaces
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"
Very delicate working tips facilitate access to dental implant collar
- No risk of infection from curette abrasion
- Low implant damage risk
- Manually sharpenable

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.
Recall Set for Dental Implant Cleaning

LANGER DB180T L 1/2
Premolars
Molars
universal
mandible
175 mm, 7”

LANGER DB181T L 3/4
Premolars
Molars
universal
maxilla
175 mm, 7”

LANGER DB182T L 5/6
Anteriors
universal
175 mm, 7”
Periodontal probe with defined probing force of 0.2 N (20 g)

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
165 mm, 6½"

DB765R
PCP 11,5 C
165 mm, 6½"
Recall Set for Dental Implant Cleaning
* 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
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
Sterilis® Aesculap® oil for grinding
stones
Contents: 50 ccm

Items marked * are necessary for the
basic equipment
BB511, BB515, BB515-C, BB542

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

BB063R
Scalpel handle for sterile scalpel blades BB511, BB515, BB542
145 mm, 5 3/4"
Scalpels, Sterile Scalpel Blades

BB045T
Titanium scalpel handle for microsurgery blades, round handle. Light, rotatable and handy for precise cutting. 145 mm, 5 3/4”

ERGOPLANT

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

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

DX305R
Microblade holder with round handle, for precision incisions. 150 mm, 6”
The New Class of Excellence

Micro Forceps

Parallel closing working tips
- Enables to grab the soft tissue of the total length of the plateau
- To reduce the contact pressure
- To preserve the delicate soft tissue structures

The size of the working tip plateaus
- Enables micro surgery
- Allows a precise grabbing of soft tissue and sutures (until 6/0)
- Mitigates the risk of damaging the soft tissue structures

Shape and Design
- The waisted shape for a comfortable feel
- The round handle enables the rotation of the instruments with the tips of the fingers
- Well balanced instruments with a centric balance point
Micro Forceps

DX060R
dissecting, straight
180 mm, 7"

DX061R
dissecting, curved
175 mm, 6¾"
DX070R
atraumata, straight
180 mm, 7”

DX071R
atraumata, curved
175 mm, 6-3/4”
DX080R
surgical, straight
180 mm, 7"

DX081R
surgical, curved
175 mm, 6 ¾"
Scissors
Screw connection providing:
- smooth and reliable function
- longer life time by the possibility of regrinding

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 and 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 getting 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”

DIADUST
FD253R
Micro dissecting forceps
180 mm, 7”

COOLEY
DX303R
Atraumatic micro forceps
180 mm, 7”

DIADUST
FD253R
Micro dissecting forceps
180 mm, 7”

DIADUST™
FD255R – FD256R
Micro tissue 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

DIADUST™

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 tunnellin instruments
75 x 25 x 7 mm

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

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.
PRICHARD
DX200R
Raspatory
delicate
185 mm, 7¼”

PRICHARD
DB020R
Raspatory
delicate
185 mm, 7¼”

BUSER
DX201R
Raspatory
185 mm, 7¼”
Papilla Elevator, Raspatories

BUSER
DX301R
Micro-Raspatory
180 mm, 7½"

PHW
DX405R
Atraumatic papilla elevator
190 mm, 7½"

LANGE
DB022R
Raspatory
180 mm, 7½"

FREER
DB025R
Raspatory sharp/blunt
190 mm, 7½"
GLICKMAN  
DB850R  
Raspatory  
185 mm, 7¼”

Rhodes  
DB835R  
Dissection raspatory  
185 mm, 7¼”

Kramer–Nevins  
DB838R  
Fig. M CR 36/37 Mini chisel  
175 mm, 7”

DB828R  
Dissection raspatory  
185 mm, 7¼”

DB838R  
Fig. M CKN 1/2 Mini chisel  
175 mm, 7”
**Raspatories, Chisel**

**DB827R**
Periodontal dissector for dissection of soft tissues, double-ended
185 mm, 7 ¼"

**KIRKLAND DB030R**
Fig. S13K/TG
Mini chisel
190 mm, 7 ½"

**OCHSENBEIN DB034R**
Fig. 4
Mini chisel
190 mm, 7 ½"

**RHODES DB836R**
Fig. CR 36/37
Mini chisel
175 mm, 7"
PERIODONTICS

Range of application:
- for loosening parts of the mucosa
- for cyst resection
- for periodontal surgery

WILLIGER
FK300R
Raspatory
160 mm, 6 ¼"

KÖNIG
OM309R
Raspatory
155 mm, 6"

MEAD
DO520R
Raspatory
165 mm, 6 ¼"

MOLT
DO543R
Raspatory
180 mm, 7"

BUCHS
DO518R
Raspatory
190 mm, 7 ½"
Raspatories, Elevator, Gingivectomy Knives

WILLIGER
DO510R
Raspatory
140 mm, 5 ½”

WARD
DO546R
Raspatory
170 mm, 6 ¾”

SYME
DO547R
Elevator
185 mm, 7 ¼”

KIRKLAND
DX450R
Gingivectomy knives
175 mm, 7”

ORBAN
DB939R
Gingivectomy knives
165 mm, 6½”
Endodontics
Elevation of the flap starting from the relieving incision with the disk-shaped elevator (DB407R).

DB407R
Disk-shaped elevator and dissector
175 m, 7°
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)).
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, 1 ¾”

DA044R
Micro mirror, round diam. 4.7 mm
35° bevel, interchangeable
45 mm, 1 ¾”
**Practical Example: Using the Microsurgical Instrument Set for Endodontics, acc. to Dr. P. VELVART**

**BB045T**
Titanium handle for interchangeable micro mirrors DA043R – DA048R and for microsurgery blades
145 mm, 5 ¾"  

**ERGOPLOANT**
**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.
Application of the retrograde filling material into the cavity with the micro spatula (DE440R resp. DE441R).

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

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

DB411R
Micro carver
175 mm, 7”
DA310R
Root spreader
160 mm, 6¼".

DA291R
Pin holding forceps with lock
150 mm, 6".
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 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 134°C (Autoclave) and hot air sterilization up to 240°C

Special working tips for a esthetic fillings

Instrument absolutely tight-covered by a special PEEK handle

Ergonomic handle design

Continuous corrosion-resistant special instrument steel
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

**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”
PRESERVATION

DE150R
Spatula, rigid
175 mm, 7"

DE151R
Spatula, rigid
175 mm, 7"

DE152R
Spatula, rigid
175 mm, 7"

DE153R
Spatula
175 mm, 7"

DE154R
Spatula
175 mm, 7"

DE155R
Spatula
175 mm, 7"
Spatulas

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”
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 Molding 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 ¾”

DF081R
Composite instrument for exact molding of the cusp
170 mm, 6 ¾”

DF082R
Composite carving instrument for removing excess material
160 mm, 6 ¼”
DF083R
Composite instrument for adapting composite to the cavity edges
165 mm, 6 1/2"

DF084R
Flat composite condenser with trumpet shape for dense application in the cavity base. Excess material applied can be quickly removed
170 mm, 6 3/4"

DF085R
Flat composite condenser with trumpet shape for dense application in the cavity base. Excess material applied can be quickly removed
170 mm, 6 3/4"

DF086R
HEIDEMANN Composite spatula used for application of composite in the cavity
170 mm, 6 3/4"
DF088R
Composite contra-angle plugger for high condensation of the material
170 mm, 6 ¾"

DF077R
Composite Condenser, cone shaped, for condensation and molding
170 mm, 6 ¾"

DF078R
Composite Condenser, cone shaped, for condensation and molding
170 mm, 6 ¾"

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

BLACK
DE602R
Plastic-filling instrument
150 mm, 6”

BLACK
DE622R
Plastic-filling instrument
170 mm, 6⅜”

BLACK
DE631R
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”
PRESERVATION

DE101R
170 mm, 6¾"

DE102R
170 mm, 6¾"

DE107R
170 mm, 6¾"

DE108R
170 mm, 6¾"

DE109R
170 mm, 6¾"

DE110R
170 mm, 6¾"

DE111R
170 mm, 6¾"

DE112R
170 mm, 6¾"

DE114R
170 mm, 6¾"

DE115R
170 mm, 6¾"
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"

DE125R
170 mm, 6¾"

DE126R
170 mm, 6¾"

DE127R
170 mm, 6¾"

DE217R
170 mm, 6¾"

DE219R
170 mm, 6¾"

Three-Angle Set

DE219R
170 mm, 6¾"
LADMORE
DE295R
165 mm, 6 ½"

HOPSON
DE303R
160 mm, 6 ¼"

HOPSON
DE306R
165 mm, 6 ½"

WOODSON
DE292R
175 mm, 7"

WOODSON
DE293R
180 mm, 7"

WOODSON
DE036R
160 mm, 6 ¼"
Plastic-Filling Instruments

HOLLENBACK
DE671R
175 mm, 7"

HOLLENBACK
DE672R
175 mm, 7"

HOLLENBACK
DE673R
175 mm, 7"

1.5 mm
2.0 mm
1/1

2.1 mm
1/1

1.2 mm x 2.5 mm
1/1
DE134R
Spatula rigid
170 mm, 6 ¾”

DE135R
Spatula rigid
170 mm, 6 ¾”

DE136R
Spatula rigid
170 mm, 6 ¾”

HEIDEMANN
DE420R
Spatula elastic, especially flexible
160 mm, 6 ¼”

HEIDEMANN
DE421R
Spatula elastic, especially flexible
170 mm, 6 ¾”

HEIDEMANN
DE422R
Spatula elastic, especially flexible
170 mm, 6 ¾”
Plastic-Filling Instruments, Spatulas, Burnisher

1. **WESTCOTT DF021R**
   - Burnisher
   - 170 mm, 6 ¾”

2. **WESTCOTT DF022R**
   - Burnisher
   - 170 mm, 6 ¾”

3. **WALLIS DE297R**
   - Burnisher
   - 170 mm, 6 ¾”

4. **HOPSON DE305R**
   - Burnisher
   - 165 mm, 6 ¼”

5. **DE032R**
   - Burnisher
   - 170 mm, 6 ¾”
WHITE DF028R Burnisher 150 mm, 6"
WHITE DF029R Burnisher 150 mm, 6"
WHITE DF033R Burnisher 150 mm, 6"
WHITE DF032R Burnisher 150 mm, 6"
Burnisher, Instruments for the Anatomic Molding of Filling Surfaces

DF061R
Finishing instrument
165 mm, 6 1/2"

HOLLENBACK
DE676R
Finishing instrument
170 mm, 6 3/4"

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

HOLLENBACK
DE424R
Fig. 3
Finishing instrument
170 mm, 6 3/4"
WARD
DE425R
Finishing instrument 170 mm, 6½"

WARD
DE426R
Finishing instrument 170 mm, 6¾"

FRAHM
DF060R
Finishing instrument 160 mm, 6¼"

FRAHM
DF055R
Finishing instrument 160 mm, 6¼"

FRAHM
DF056R
Finishing instrument 165 mm, 6½"
Instruments for the Anatomic Holding of Filling Surfaces, Amalgam Carriers

DF014R  
with metal tip  
135 mm, 5 ¼”

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 DF017R
DR780R
Forceps for articulating paper
150 mm, 6”

DF090R
Filling remover
140 mm, 5½”
Special Instruments

DC321R
77/78
Gingival margin trimmer, distal
170 mm, 6 3/4"

DC322R
79/80
Gingival margin trimmer, mesial
170 mm, 6 3/4"

DC094R
Carving instrument cleoid/discoid
170 mm, 6 3/4"
Enamel chisels

BLACK
DC051R
Cutting instrument
150 mm, 6”

BLACK
DC081R
Cutting instrument
150 mm, 6”

BLACK
DC083R
Cutting instrument
150 mm, 6”

BLACK
DC084R
Cutting instrument
150 mm, 6”
Delicate models

DC250R
Fig. 0
Excavator
170 mm, 6⅞"

DC251R
Fig. 1
Excavator
165 mm, 6½"

DC252R
Fig. 2
Excavator
165 mm, 6½"

DC253R
Fig. 3
Excavator
165 mm, 6½"

DC254R
Fig. 4
Excavator
170 mm, 6¾"
DC239R  139/140  spoon shaped  170 mm, 6⅜”
DC241R  141/142  spoon shaped  170 mm, 6⅜”
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, 6 ¼”
Spare parts:
DF385R Spiral spring
DF386R Spring with screw
DF387R Punch disk
DF388R Pin, with screw

AINSOWRTH

DF401R
Rubber-dam punch
160 mm, 6 ¼”
Spare parts:
DF396R Spring with screw
DF397R Punch disk
DF398R Pin
BREWER
DF404R
Clamp forceps
170 mm, 6 ¾"

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
DF350R Matrix retainer, left for 6 mm strips
DF351R Matrix retainer, right for 6 mm strips
DF352R Matrix retainer Set of two, right and left
Matrix Retainers

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 getting 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
Micro needle holder for suture material
6/0 – 8/0
180 mm, 7"
Parallel closing working tips
- Enables to grab the soft tissue of the total length of the plateau
- To reduce the contact pressure
- To preserve the delicate soft tissue structures

The size of the working tip plateaus
- Enables micro surgery
- Allows a precise grabbing of soft tissue and sutures (until 6/0)
- Mitigates the risk of damaging the soft tissue structures

Shape and Design
- The waisted shape for a comfortable feel
- The round handle enables the rotation of the instruments with the tips of the fingers
- Well balanced instruments with a centric balance point
Micro Forceps

DX060R
- dissecting, straight
- 180 mm, 7”

DX061R
- dissecting, curved
- 175 mm, 6¾”
DX070R
atraumata, straight
180 mm, 7"

DX071R
atraumata, curved
175 mm, 6¾"
Micro Forceps

DX080R
surgical, straight
180 mm, 7"

DX081R
surgical, curved
175 mm, 6-3/4"
BA364
Micro scalpel with plastic handle
Sales Unit:
PAK = Package of 5 pieces
165 mm, 6 ½"

BA365
Micro scalpel with plastic handle
Sales Unit:
PAK = Package of 5 pieces
165 mm, 6 ½"

BA367
Micro scalpel with plastic handle
Sales Unit:
PAK = Package of 5 pieces
165 mm, 6 ½"
Titanium scalpel handle for microsurgery blades, round handle. Light, rotatable and handy for precise cutting. 145 mm, 5 ¾”

BB045T

Microsurgery blade
Sales unit: PAK = Package of 10 piece

BB361R

Microsurgery blade
Sales unit: PAK = Package of 10 pieces

BB364R

Microsurgery blade
Sales unit: ST = Package of 1 piece

BB362R

Microsurgery blade
Sales unit: PAK = Package of 10 piece

BB365R

Microsurgery blade
Sales unit: PAK = Package of 10 pieces

BB363R

Microsurgery blade
Sales unit: ST = Package of 1 piece

BB366R

Microsurgery blade
Sales unit: PAK = Package of 10 pieces

BB367R

Microsurgery blade
Sales unit: PAK = Package of 10 pieces

BB368R

Microsurgery blade
Sales unit: ST = Package of 1 piece

BB369R
Scalpel handles for sterile scalpel blades
BB510 – BB515, BB540, BB542

Scalpel blades
BB510 – BB542
Sales unit: PAK = Package of 100 pieces

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

Scalpel blades
Sales unit: PAK = Package of 100 pieces
DENTAL SURGERY

BA810SU – BA836SU
Safety scalpels
Sales unit: PAK = Package of 10 pieces

- Designed to comply with TRBA 250
- Prevention of infections caused by cuts and stab wounds suffered during hand-over, take-over and disposal of scalpels
- Blade can be locked in safe disposal position

BA810SU – BA811SU – BA812SU – BA813SU – BA815SU
Fig. 10
Fig. 11
Fig. 12
Fig. 13
Fig. 15
Safety Scalpels

BA815-1SU
Fig. 15-1

BA815-CSU
Fig. 15-C

BA818SU
Fig. 18

BA819SU
Fig. 19

BA820SU
Fig. 20

BA821SU
Fig. 21

BA822SU
Fig. 22

BA823SU
Fig. 23

BA824SU
Fig. 24

BA825SU
Fig. 25

BA826SU
Fig. 26
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 ¼"

- **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-ACKLAND**
  - **OM044R**
  - Mouth gag
  - 145 mm, 5 ¼"

- **OM047R**
  - Mouth gag
  - 125 mm, 5"
DENTAL SURGERY

ROSER-KÖNIG
OM048R
Mouth gag
160 mm, 6 1/4"

ROSER-KÖNIG
OM049R
Mouth gag
185 mm, 7 1/4"

HARTMANN
OK030R
Nasal speculum
145 mm, 5 3/4"
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"
Cheek retractor

160 mm, 6 ¼”

Vestibulum hook

140 mm, 5 ½”

Vestibulum hook

220 mm, 8 ¾”
Tongue and Cheek Retractors, Tongue Spatula, ERGOPLANT Tongue Retractor, Tongue Forceps

OM202R
Tongue spatula
145 mm, 5 ¾”

OM203R
Tongue spatula
140 mm, 5½”

OM205R
Tongue spatula
180 mm, 7”

OM208R
Tongue spatula
190 mm, 7½”

BUCHWALD

OM205R
Tongue spatula
180 mm, 7”

BRUENINGS

OM208R
Tongue spatula
190 mm, 7½”

AN706
1 pair of rubber pads for AN705R

ERGOPLANT

DX105R
Tongue retractor
190 mm, 7 ½”

YOUNG

AN705R
Tongue Forceps
165 mm, 6 ½”
WEIL BLAKESLEY
OK520R – OK522R
Ethmoidal forceps, curved
BLAKESLEY-WILDE

OK506R – OK509R

Ethmoidal forceps, straight
ERGOPLANT
DX105R
Tongue retractor
190 mm, 7 1/2"

HARTMANN
OM230R
Tongue spatula
150 mm

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT751R</td>
<td>12 x 200 mm</td>
</tr>
<tr>
<td>BT752R</td>
<td>17 x 200 mm</td>
</tr>
</tbody>
</table>

### Abdominal and Intestinal Spatulas

- **BT751R – BT752R**
- Abdominal and Intestinal Spatulas

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT751R</td>
<td>12 x 200 mm</td>
</tr>
<tr>
<td>BT752R</td>
<td>17 x 200 mm</td>
</tr>
</tbody>
</table>

### Brain spatula, malleable double-ended

- **FF201R – FF202R**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>FF201R</td>
<td>9 x 200 mm</td>
</tr>
<tr>
<td>FF202R</td>
<td>12 x 200 mm</td>
</tr>
</tbody>
</table>
ROUX

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

BT031R

BT032R

BT033R

MIDDELDORPF

BT404R
Cheek retractor
15 x 15 mm, 220, 8 3/4"

BT405R

BT406R

20 x 22 mm, 215 mm, 8 1/2"

28 x 28 mm, 235 mm, 9 3/4"
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.

RICHTER
DO373R
Retractor, fig. 3, width of blade 15 mm, 45°
200 mm, 8"
DENTAL SURGERY

LANGENBECK
BT311R – BT316R
Retractor
230 mm, 9"

KOCHER-LANGENBECK
BT354R – BT361R
Retractor
215 mm, 8 ½"

FARABEUF
BT020R
Retractor
125 mm, 5"

FARABEUF
BT021R
Retractor
150 mm, 6"

BT311R
30 x 10 mm
½

BT315R
40 x 10 mm
½

BT316R
43 x 13 mm
½

BT354R
25 x 6 mm
½

BT356R
25 x 8 mm
½

BT357R
35 x 11 mm
½

BT358R
35 x 15 mm
½

BT359R
41 x 11 mm
½

BT361R
55 x 11 mm
½

25 x 10 mm
22 x 10 mm

28 x 12 mm
32 x 12 mm

24 x 16 mm
28 x 16 mm

23 x 16 mm
20 x 16 mm

23 x 16 mm
20 x 16 mm
Retractors, Cheek Retractors

**LANGENBECK**

- **BT320R – BT326R**: Retractor
  - 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

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

**MIDDELDORPF**

- **BT404R – BT406R**: Retractor
  - BT404R: 15 x 15 mm, 220, 8 ¾”
  - BT405R: 20 x 22 mm, 215 mm, 8½”
  - BT406R: 28 x 28 mm, 235 mm, 9 ¼”

**Retractor**
- BT340R: 210 mm, 8 ¼”
- BT404R – BT406R: Retractor
  - BT404R: 215 mm, 8 ½”
OBWEGESER

**DO450R – DO455R**

Soft tissue retractor

215 mm, 8 ½”

- **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 ½”

- **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.
**Retractor for cheeks and soft tissue, for surgery in the rear maxillodental section**

- **BÜCHS**
  - **DO432R**
    - 205 mm, 8”

**Diagonal cheek retractors for lateral region, particularly useful for extraction of wisdom teeth for upper left and bottom right**

- **KIRSCH**
  - **DO440R – DO441R**
    - 210 mm, 8 ¼”

**Diagonal cheek retractors for lateral region, particularly useful for extraction of wisdom teeth for upper right and bottom left**

- **BÜCHS**
  - **DX102R**
    - ERGOPLANT Soft tissue hook
    - 200 mm, 8”
Soft Tissue Retractors, ERGOPLANT Soft Tissue Retractors, Diagonal Cheek Retractors, Retractors

**OBWEGESER**

- **DO407R**
  - Spina-nasalis retractor
  - 215 mm, 8 ½"

**WASSMUND**

- **DO408R**
  - Ramus retractor for separation of ramus and tissue
  - 220 mm, 8 ¾"

**DOCKHORN**

- **DO438R – DO439R**
  - Retractor
  - DO438R: 40 x 12 mm
  - DO439R: 55 x 14 mm

- **DO420R – DO422R**
  - Ramus retractor
  - DO420R: 20 mm
  - DO421R: 25 mm
  - DO422R: 30 mm

- **DO420R – DO422R**
  - 165 mm, 6 ½"

- **DO409R**
  - Retractor
  - 220 mm, 8 ¾"
TESSIER
DO417R
Maxillary mobilizers right
150 mm, 6”

TESSIER
DO418R
Maxillary mobilizers left
150 mm, 6”

OBWEGESER
DO411R
8 mm
DO412R
10 mm
Channeled retractor
165 mm, 6½”

OBWEGESER
DO410R
Chin retractor
155 mm, 6”
Retractors, Fine Wound Retractors

FRAZIER
FF321R
130 mm, 5 ⅛"

GILLIES
OL611R – OL612R
180 mm, 7"

GRAEFE
OA332R – OA333R
125 mm, 5"

FREER
OL621R
150 mm, 6"

BERGMANN
BT100R
140 mm, 5 ½"

GILLIES
OL610R
160 mm, 6 ¼"

JOSEPH
OL620R – OL624R
165 mm, 6 ½"

FOMON
OL202R
145 mm, 5 ¾"

KILNER
OL610R
160 mm, 6 ¼"

GRAEFE
OA332R sharp
OA333R blunt

OL620R
3 mm
OL622R
6 mm
OL623R
8 mm
OL624R

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

DO301R
LUNIATSCHEK
Cotton plugger
180 mm, 7"

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

DO303R
Retraction thread packer,
flexible
175 mm, 7"

HAUER
DB776R
Medicine applicator
135 mm, 5 ¼"
**DENTAL SURGERY**

**BC313R – BC314R**
Standard patterns

- **BC313R**
  130 mm, 5 ⅛"

- **BC314R**
  145 mm, 5 ¾"

**COOPER**

**BC411R – BC414R**
Standard patterns

- **BC411R**
  115 mm, 4 ⅜"

- **BC413R**
  130 mm, 5 ⅛"

- **BC414R**
  145 mm, 5 ¾"
Surgical Scissors

BC320R – BC324R
Standard patterns

BC320R
105 mm, 4 ⅛"

BC321R
115 mm, 4 ½"

BC323R
130 mm, 5 ⅛"

BC324R
145 mm, 5 ⅜"

BC421R – BC424R
Standard patterns

BC421R
115 mm, 4 ½"

BC423R
130 mm, 5 ⅝"

BC424R
145 mm, 5 ⅞"
DEAVER
BC374R
Surgical scissors with flat lock
145 mm, 5 ¾”

DEAVER
BC474R
Surgical scissors with flat lock
145 mm, 5 ¾”
Surgical Scissors, Dissecting Scissors

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

**BABY-METZENBAUM**

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

**METZENBAUM**

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

**BC166R – BC168R**

Special flat points for dissecting and undermining the skin

---

**BC166R**
125 mm, 5"

**BC168R**
150 mm, 6"

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**JAMESON-WERBER**

**BC175R**
130 mm, 5 ⅛"
Dissecting Scissors

JAMESON
BC177R
150 mm, 6”

REYNOLDS
BC180R – BC181R
175 mm, 7”

BC181R
175 mm, 7”

BC180R
145 mm, 5 ¾”

DE BAKEY
BC629R
175 mm, 7”
**Delicate Scissors**

**BC110R – BC117R**

110 mm, 4⅜"

Curved to side, especially suited to remove ligatures

**BC064R – BC065R**

120 mm, 4¾"
DENTAL SURGERY

BC130R – BC131R
120 mm, 4 ¾"

BC140R – BC141R
130 mm, 5 ⅛"

BC156R – BC157R
150 mm, 6"

BC160R – BC161R
175 mm, 7"
La Grange
BC154R
1 Blade toothed
110 mm, 4 ¾"

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”

BC590R – BC591R
165 mm, 6 ½”

FOMON

LEXER

BC630R very delicate
BC631R delicate

½

½
DENTAL SURGERY

BC303R – BC304R
Slender patterns

BC303R
130 mm, 5 ⅛"

BC304R
145 mm, 5 ¾"

BC403R – BC404R
Slender patterns

BC403R
130 mm, 5 ⅛"

BC404R
145 mm, 5 ¾"
DUROTIP™

DUROTIP-Scissors
with inserted carbide cutting edges

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

»delicate«

DO208R

DO209R

DO208R – DO209R
120 mm, 4 ¾”

»delicate«

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

»delicate«

**Wavecut**

- Cut prevents tissue from slipping out

- Cut directly after the catalog number indicates that the resp. item has one serrated cutting edge.

(When ordering please indicate \~W\-cut together with the catalog number e. g.: BC211W)

**DUROTIP™ - Scissors**

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

**BC210R – BC211R, BC211W**

110 mm, 4 ⅜"
DUROTIP™ Delicate Scissors, Surgical Scissors

**BC256R – BC257R, BC257W**

115 mm, 4 1/2”

**BC258R – BC259R, BC259W**

145 mm, 5 3/4”


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)
- \textit{Wa}ve\textit{cut}-Cut prevents suture materials from slipping out
- DUROTIP™ ligature scissors are identified by
  1 black and
  1 goldplated ring

\begin{itemize}
\item \textbf{BC294W}
  \begin{itemize}
  \item Ligature scissors
  \item 145 mm, 5 ¾”
  \end{itemize}
\item \textbf{BC295W}
  \begin{itemize}
  \item Ligature scissors
  \item 180 mm, 7”
  \end{itemize}
\end{itemize}
The special qualities of the Noir™ dissecting scissors allow dissection that is finer than ever before. Noir. Gentle dissection with minimum use of force.
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 ¾"
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 leads to high wear resistance of the instruments and at the same time provides high resistance against corrosion.

METZENBAUM

BC261WB – BC275WB
SPENCER
BC801R – BC802R
Ligature scissors

LITTAUER
BC803R
Ligature scissors
135 mm, 5¼"

NORTHBENT
BC805R
Ligature scissors
120 mm, 4¼"

LISTER
BC860R – BC863R
Bandage and cloth scissors

BC801R
90 mm, 3½"

BC802R
115 mm, 4½"

BC803R
135 mm, 5¼"

BC805R
120 mm, 4¼"

BC860R
115 mm, 4½"

BC861R
140 mm, 5½"

BC862R
180 mm, 7"

BC863R
200 mm, 8"
Ligature Scissors, Bandage and Cloth Scissors, Dissecting Forceps

- **Micro-Adson**
  - BD220R: 120 mm, 4 ¾”
  - BD223R: 150 mm, 6”

- **BD301R – BD305R**
  - BD301R: 90 mm, 3 ½”
  - BD302R: 105 mm, 4 ¼”
  - BD303R: 115 mm, 4 ½”
  - BD304R: 130 mm, 5 ⅛”
  - BD305R: 145 mm, 5 ⅞”

- **SEMKEN**
  - BD215R – BD216R: 125 mm, 5”
  - BD223R: 115 mm, 4 ½”
  - BD25R: 130 mm, 5 ⅛”
  - BD27R: 145 mm, 5 ¾”
  - BD29R: 160 mm, 6 ¼”
  - BD30R: 180 mm, 7”

- **Medium**
  - BD023R – BD030R
Dissecting Forceps, ATRAUMATA Forceps, ERGOPLANT Forceps

ATRAUMATA

Tooothing DE BAKEY

DE BAKEY
FB411R
150 mm, 6”

DE BAKEY
FB400R
150 mm, 6”

DE BAKEY
FB401R
150 mm, 6”

ERGOPLANT

DX052R
120 mm, 4¾”

DX070R
atraumata, straight
180 mm, 7”

DX071R
atraumata, curved
175 mm, 6¾”

ERGOPLANT

DX055R
For soft tissue
140 mm, 5½”
- 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

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ERGOPLANT
DX052R
120 mm, 4 3/4"

ADSON
BD151R
120 mm, 4 3/4"

For secure grasping of matrices and interdental wedges

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STANDARD
BD154R
145 mm, 5 3/4"
BD154R – BD157R

BD156R
180 mm, 7"
BD157R
200 mm, 8"

CUSHING
BD160R
180 mm, 7"

DA254R
150 mm, 6"
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

DX080R
surgical, straight
180 mm, 7”

DX081R
surgical, curved
175 mm, 6⅜”

BD547R
145 mm, 5⅜”

BD549R
160 mm, 6¼”

BD552R
105 mm, 4⅜”

BD553R
115 mm, 4½”

BD555R
130 mm, 5⅛”

BD557R
145 mm, 5¾”

BD559R
160 mm, 6¼”

BD560R
180 mm, 7”

BD561R
200 mm, 8”

STANDARD

BD552R – BD561R
Delicate Tissue Forceps, ERGOPLANT Delicate Tissue Forceps

- MICRO-ADSON BD510R 120 mm, 4¾”
- MICRO-ADSON BD511R 120 mm, 4¾”
- MICRO-ADSON BD512R 120 mm, 4¾”
- ADSON-BROWN BD700R 120 mm, 4¾”
- ADSON-BROWN BD701R 150 mm, 6”
- BROWN BD701R 150 mm, 6”
- ERGOPLANT DX050R 120 mm, 4¾”
- ERGOPLANT DX051R 120 mm, 4¾”
BF004R – BF006R
Sponge and dressing forceps
BF004R 130 mm, 5 ⅛"
BF006R 160 mm, 6 ¼"

BF010R
Sponge and dressing forceps
145 mm, 5 ⅜"

BF016R
Sponge and dressing forceps
145 mm, 5 ⅜"

BF021R
Sponge and dressing forceps
175 mm, 7"

BF040R – BF041R
Sponge and dressing forceps
BF040R without ratchet
BF041R without ratchet

BF046R – BF047R
Sponge and dressing forceps
BF046R with ratchet
BF047R with ratchet

GROSS
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 ¾”
135 mm, 5 ¼”

non-perforating
for paper cloths

LORNA
BF461R
Towel Clamp
95 mm, 3 ¼”

BF464R
Towel Clamp
140 mm, 5 ½”
**DENTAL SURGERY**

BABY-MOSQUITO (HARTMANN)
BH104R – BH115R
100 mm, 4”

MICRO-HALSTED
BH108R – BH119R
125 mm, 5”

HALSTED-MOSQUITO
BH110R – BH121R
125 mm, 5”

PEAN
BH302R – BH304R
125 mm, 5”
140 mm, 5 ½”
Hemostatic Forceps

PEAN
BH412R – BH415R
Slender type
BH412R 130 mm, 5 ⅛”
BH414R 140 mm, 5 ½”
BH413R 130 mm, 5 ⅛”
BH415R 140 mm, 5 ½”

KELLY
BH134R – BH135R
BH134R 140 mm, 5 ½”

BABY-CRILE
BH140R – BH151R
(BEAN) BH140R
(BEAN) BH141R
(KOCHER) BH150R
(KOCHER) BH151R

CRILE
BH144R – BH155R
BH144R 140 mm, 5 ½”
BH145R 140 mm, 5 ½”
BH154R 140 mm, 5 ½”
BH155R 140 mm, 5 ½”
DENTAL SURGERY

HALSTED
BH202R – BH213R
Hemostatic forceps
185 mm, 7 ¼”

FICKLING
BH807R – BH808R
Hemostatic forceps
180 mm, 7”

BABY-ALLIS
EA012R
Tissue grasping forceps
130 mm, 5 ⅓”

ALLIS
EA016R
Tissue grasping forceps
155 mm, 6”
DO870R
Arch bar = splint with hooks, in coils of approx. 40"

DO872R
Wire and ligature forceps
140 mm, 5 ½"

DO810R
Mandibular awl
140 mm, 5 ½"

DO811R
Awl for zygomatic arch
230 mm, 9"

DO813R
Awl, straight
150 mm, 5 ½"

DO814R
Awl, curved
175 mm, 7"

DO812R
Maxillary awl
195 mm, 7 ¼"
DENTAL SURGERY

PRICHARD
DX200R
Raspatory
185 mm, 7¼"

PRICHARD
DB020R
Raspatory
delicate
185 mm, 7¼"

BUSER
DX201R
Raspatory
185 mm, 7¼"
Raspatories

BUSER
DX301R
Micro-Raspatory
180 mm, 7½"

GLICKMAN
DB850R
Raspatory
185 mm, 7¼"

LANGE
DB022R
Raspatory
180 mm, 7½"

FREER
DB025R
Raspatory
sharp/blunt
190 mm, 7½"
Elevators, Raspatories

KÖNIG
OM309R
155 mm, 6”

WILLIGER
DO510R
140 mm, 5½”

WILLIGER
FK300R – FK303R
160 mm, 6¼”

FK301R – FK302R
165 mm, 6½”

OBWEGESER
DO530R
170 mm, 6¼”

DO523R
170 mm, 6¼”
Raspatories

MÜHLING
FK394R
170 mm, 6 ¾"
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
DO612R
150 mm, 6"

WARD
DO546R
170 mm, 6 ¾"

Range of application:
- For loosening parts of the mucosa
- For cyst resection
- For periodontal surgery
LUCAS
DO608R
Bone curettes, small
180 mm, 7”

LUCAS
DO609R
Bone curettes, large
180 mm, 7”
Bone Curettes

HEMINGWAY DO670R
Fig. 0
170 mm, 6¾"

HEMINGWAY DO671R
Fig. 1
170 mm, 6¾"

HEMINGWAY DO672R
Fig. 2
170 mm, 6¾"

HEMINGWAY DO673R
Fig. 3
170 mm, 6¾"

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

MARTINI
FK800R
140 mm, 5½"

MARTINI
FK801R
140 mm, 5½"

JANSEN
FK803R
160 mm, 6¼"

JACOBSON
FK813R
140 mm, 5½"

WILLIGER
FK814R
145 mm, 5¾"

BARTH
FK817R
180 mm, 7"

VOLKMANN
FK630R – FK635R
170 mm, 6¾"

UFFENORDE
FK660R
170 mm, 6¾"

UFFENORDE
FK661R
170 mm, 6¾"
### Bone Curette

**MILLER DO606R**

- **Bone Curette**
- **180 mm, 7”**

### Bone Files

**MILLER DO771R – DO773R**

<table>
<thead>
<tr>
<th>File Size</th>
<th>DO771R</th>
<th>DO772R</th>
<th>DO773R</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 mm</td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td>6 mm</td>
<td><img src="image4.png" alt="Image" /></td>
<td><img src="image5.png" alt="Image" /></td>
<td><img src="image6.png" alt="Image" /></td>
</tr>
<tr>
<td>4.3 mm</td>
<td><img src="image7.png" alt="Image" /></td>
<td><img src="image8.png" alt="Image" /></td>
<td><img src="image9.png" alt="Image" /></td>
</tr>
<tr>
<td>5 mm</td>
<td><img src="image10.png" alt="Image" /></td>
<td><img src="image11.png" alt="Image" /></td>
<td><img src="image12.png" alt="Image" /></td>
</tr>
</tbody>
</table>

- **Bone files**
- **180 mm, 7”**
Bone Curettes, Files, Osteotomes, Chisels

MILLER

DX252R
ERGOPLANT
Bone file
195 mm, 7 ¾"

DX253R
ERGOPLANT
Bone file
200 mm, 8"

LAMBOTTE

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

MILLER

FL110R  4 mm
FL112R  6 mm
FL114R  8 mm
FL116R  10 mm
FL118R  12 mm

Osteotomes
140 mm, 5 ½"

PARTSCH

FL173R  3 mm
FL174R  4 mm
FL175R  5 mm
FL176R  6 mm
Chisels
140 mm, 5 ½"

FL183R  3 mm
FL184R  4 mm
FL185R  5 mm
FL186R  6 mm
FL187R  7 mm
Chisels
170 mm, 6 ¾"

FL213R  3 mm
FL214R  4 mm
FL215R  5 mm
FL216R  6 mm
Gouges
140 mm, 5 ½"

FL223R  3 mm
FL224R  4 mm
FL225R  5 mm
FL226R  6 mm
FL227R  7 mm
Gouges
170 mm, 6 ¾"
Chisels, Osteotomes

KIRKLAND
DB030R
Fig. S13K/TG
Mini chisel
190 mm, 7½”

OCHSENBEIN
DB034R
Fig. 4
Mini chisel
190 mm, 7½”

RHODES
DB835R
Fig. M CR 36/37
Mini chisel
175 mm, 7”

RHODES
DB836R
Fig. CR 36/37
Mini chisel
175 mm, 7”

KRAMER-NEVINS
DB838R
Fig. M CKN 1/2
Mini chisel
175 mm, 7”
DENTAL SURGERY

Tampers for bone grafts can also be used as hemostatic chisels

**FL093R – FL096R**

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

160 mm, 6½"

**PASSOW**

FL097R – FL098R

- FL097R 2.5 mm
- FL098R 3.5 mm

120 mm, 4¾"

**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"

**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"
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, 6½”

DF114R  155 g
190 mm, 7½”

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 ⅛”

DX545R  135 g
ERGOPLANT Mallet, with interchangeable plastic disks
200 mm, 8”

DX546
Pair of spare disks
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 ¼”

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

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

**DINGMANN**

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

**FO111R**
Bone holding forceps
185 mm, 7 ¼"

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

**DX601R**
Bone fixation forceps

**DX602R**
Bone processing forceps

**DINGMANN, modif.**

**FO111R**
Bone holding forceps
185 mm, 7 ¼"
DENTAL SURGERY

LUER-FRIEDMANN
DX500R
ERGOPLANT
145 mm, 5 ¾"

LUER-FRIEDMANN
FO409R
145 mm, 5 ¾"

FO413R
150 mm, 6"

LUER
FO410R
140 mm, 5 ½"

LUER
FO411R
150 mm, 6"

LUER
FO412R
155 mm, 6"
Bone Rongeurs

SCHWARZ
FO408R
145 mm, 5 ¼"

BLUMENTHAL
FO415R
155 mm, 6"

BLUMENTHAL
FO416R
155 mm, 6"

STELLBRINK
FO399R
175 mm, 7"

STELLBRINK
FO400R
170 mm, 6 ¼"

BEYER
FO453R
180 mm, 7"
STAMM
FO604R
Bone cutting forceps
150 mm, 6"

BEYER
FO514R
ZAUFAL-JANSEN
FO515R

MEAD
FO455R
Bone rongeur
165 mm, 6 ½"

BANE-HARTMANN
FO457R
Bone rongeur
175 mm, 7"

FOS14R – FOS15R
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

HEGAR-OLSEN
BM290R
Needle holders with scissors
140 mm, 5 1/2"

GILLIES
BM298R
Needle holder with scissors
150 mm, 6"
Needle Holders

MATHIEU
BM360R – BM362R
Needle holder

BM360R
140 mm, 5 ½"

BM361R
170 mm, 6 ¼"

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
0.4 mm
0.5 mm
up to 3/0

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"

CASTROVIEJO
BM002R
DUROGRIP Needle holder
145 mm, 5 ¼"

BM003R
DUROGRIP Needle holder
180 mm, 6 ¾"

FD258R – FD259R
Micro needle holder for suture material 6/0 – 8/0
180 mm, 7"
Needle Holders, Suture Forceps, DUROGRIP™ Needle Holders

»delicate«

CONVERSE
BM011R
very delicate
130 mm, 5 ⅛"  

HALSEY
BM012R
130 mm, 5 ⅛"

BABY-CRILE-WOOD
BM013R
150 mm, 6"

CRILE-WOOD
BM016R
145 mm, 5 ¾"

HEGAR-MAYO
BM065R – BM066R

SAROT
BM020R
175 mm, 7"
DE BAKEY

BM033R – BM064R

very delicate

DE BAKEY

BM032R – BM035R

very delicate

RYDER

BM054R – BM056R

very delicate

KILNER

BM018R

135 mm, 5 ¼”

STRATTE

BM095R

210 mm, 8 ¼”
DUROGRIP™ Needle Holders

Needle holder with scissors, one blade fine serrated

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

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

**HEGAR-OLSEN**
**BM124R**
165 mm, 6 ½”

**GILLIES**
**BM129R**
160 mm, 6 ¼”
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 ½"
BM150R 170 mm, 6 ¾"
BM153R 200 mm, 8"

MATHIEU-STANDARD
BM149R – BM154R
DUROGRIP Needle holder
BM149R 140 mm, 5 ½"
BM151R 170 mm, 6 ¾"
BM154R 200 mm, 8"

LICHTENBERG
BM132R
DUROGRIP Needle holder, elastic pattern
195 mm, 7 ¾"

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

BL930R  65 x 13 mm  
BL932R  95 x 16 mm  
Needle case complete,  
with interior box

BL929R  -  
Exterior box only,  
non perforated

BL931R  62 x 11 mm  
BL933R  90 x 14 mm  
Interior box only,  
perforated
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 |

Probes, malleable

130 mm, 5 ½”

Probes

<table>
<thead>
<tr>
<th>diam. of tips</th>
<th>BN104R – BN136R</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mm</td>
<td>BN113R</td>
</tr>
<tr>
<td>1.5 mm</td>
<td>BN114R</td>
</tr>
<tr>
<td>2 mm</td>
<td>BN116R</td>
</tr>
<tr>
<td>130 mm, 5 ½”</td>
<td>BN134R</td>
</tr>
<tr>
<td>145 mm, 5 ¾”</td>
<td>BN136R</td>
</tr>
<tr>
<td>160 mm, 6 ¼”</td>
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</tr>
</tbody>
</table>
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 ¼"

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

DA291R
Pin holding forceps with lock
150 mm, 6"
<table>
<thead>
<tr>
<th>Ø/diam.</th>
<th>Nerve Instruments</th>
<th>Suction Instruments</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 mm</td>
<td>ADSON GF917R</td>
<td>Olive Ø 9 mm</td>
</tr>
<tr>
<td>3 mm</td>
<td>ADSON GF919R</td>
<td>Olive Ø 6-9 mm</td>
</tr>
<tr>
<td>4 mm</td>
<td>DF773R</td>
<td></td>
</tr>
<tr>
<td>5 mm</td>
<td>DF775R</td>
<td></td>
</tr>
</tbody>
</table>

With notch at the working end to prevent premature suction
**DENTAL SURGERY**

- **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**
  - GF350R Ø 6-9 mm½
  - GF351R Ø 6-9 mm½
  - GF352R Ø 6-9 mm½
  - GF353R Ø 6-9 mm½
  - GF354R Ø 6-9 mm½
  - GF355R Ø 6-9 mm½
  - 1.5 mm
  - 2 mm
  - 2.5 mm
  - 3 mm
  - 4 mm
  - 5 mm
  - With finger cut-off and stylet, thumb piece 90° to curve, with LUER hub, 180 mm, 7"

- **Working length**

- **110 mm, 4 3/8”**

- **130 mm, 5 1/8”**
Aesculap® Cartridge Syringe “Aspira-plus II”
made of stainless instrument-steel (no chrome),
with aspiration device
After having inserted the ampulla and the cannula,
the syringe is immediately ready for injection.
By a slight twist of the piston rod to the right the
double corkscrew tip will grasp the foam rubber of
the ampulla.
This enables a controlled aspiration.

Advantages:
■ Easy and safer processing by using corrosion- and
  acid resistant instrument steel instead of chrome
  material
■ Easy cartridge insert and ejection
  by folding back the bush
■ Enables controlled aspiration

SL122R* 2.2 ml
Syringe with crutch handle,
with long needle attachment
(SL002R)

* Delivered without canula

SL002R*
Needle attachment, long, suitable for
all disposable needles with a thread
diameter of 6 mm and long cartridge
pick (e.g. Sterican Z, B. Braun etc.)
SL032R* 2.2 ml
Syringe with short needle attachment (SL033R)

SL033R* Short needle attachment only, for American disposable needles with small thread (5.5 mm diam.) and short cartridge pick

SL017R* 1.8 ml
Syringe without needle attachment

SL034R* Short needle attachment only, for disposable needles, with large thread (6 mm diam.) and short cartridge pick.

* Delivered without canula
### JG513R
Small dish
50 x 30 x 20 mm

### JG520R – JG525R
Round bowls

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (litre)</th>
<th>Dimensions in cm (upper x lower x height)</th>
</tr>
</thead>
<tbody>
<tr>
<td>JG520R</td>
<td>0.02</td>
<td>4.0 x 2.8 x 1.9</td>
</tr>
<tr>
<td>JG521R</td>
<td>0.06</td>
<td>6.1 x 4.2 x 3.0</td>
</tr>
<tr>
<td>JG522R</td>
<td>0.16</td>
<td>8.3 x 5.4 x 4.1</td>
</tr>
<tr>
<td>JG523R</td>
<td>0.4</td>
<td>11.1 x 7.2 x 5.6</td>
</tr>
<tr>
<td>JG524R</td>
<td>1.0</td>
<td>15.1 x 10.0 x 7.3</td>
</tr>
<tr>
<td>JG525R</td>
<td>2.5</td>
<td>21.1 x 14.5 x 9.6</td>
</tr>
</tbody>
</table>
Tooth Extraction
Anatomica-Tooth Forceps
- Anatomically shaped for precise and reliable grip on teeth and roots.
- Slender shape handling.

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

DG005R
Fig. 2
For upper incisors and canines

DH702R
Fig. 2
For upper incisors and canines

DG006R
Fig. 1
For upper incisors and canines, wide

DH701R
Fig. 1
For upper incisors and canines, wide

DG025R
Fig. 3
For upper crowded incisors and canines

TROTTER

DG030R
Fig. 168
For upper canines

DG032R
Fig. 107
With short beaks, for upper canines

BÜCHS SQUARE PROFILE
TOOTH EXTRACTION

- **GUY**
  - DG101R
    - Fig. 136
    - For upper premolars
  - DH736R
    - Fig. 136
    - For upper premolars
  - DG107R
    - Fig. 7
    - For upper premolars
  - DH707R
    - Fig. 7
    - For upper premolars

- **BÜCHS SQUARE PROFILE**
  - DG117R
    - Fig. 17
    - For upper molars, right
  - DH717R
    - Fig. 17
    - For upper molars, right
  - DG118R
    - Fig. 18
    - For upper molars, left
  - DH718R
    - Fig. 18
    - For upper molars, left
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
For upper wisdom teeth:

- **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
DG352R
For upper roots, short and wide beaks

DG365R
For upper roots, with especially long beaks

DG797R
For very fine upper roots, gripping in depth

Kaiser
DG340R
For upper 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.

DG805R
Seperating forceps for separating upper molar 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

Fig. 73
For lower molars

DG555R
For lower molars

WOOD
DG561R
For lower molars

PASSOW
DG562R
For lower molars

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

DG573R

DG570R
For lower molars, gripping in depth, lateral

DG585R
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
TOOTH EXTRACTION

DG650R
Fig. 21
For lower wisdom teeth and molars

DG659R
Fig. 79
For lower wisdom teeth

DH778R
Fig. 79 A
For lower wisdom teeth

DG660R
Fig. 79 A
For lower wisdom teeth

DH779R
Fig. 79 A
For lower wisdom teeth

BÜCHS SQUARE PROFILE
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
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 1/4"

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

PEET

BD995R
Splinter forceps
110 mm, 4 1/8"

STIEGLITZ

BD992R – BD993R
Splinter forceps
140 mm, 5 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

DK001R
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
Tooth Forceps for Children

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

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

- **DK061R**
  - Fig. 161
  - For lower molars

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

- **DK070R**
  - Fig. 162
  - For lower roots and incisors
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
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
Tooth Forceps, American Pattern

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
DI500R
Fig. 23
For lower molars, either side

DI517R
Fig. 17
For lower molars
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.
HULL
DI030R
Fig. 101
Universal tooth forceps

CRYER
DI014R
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 Forceps, Tooth Forceps for Children, American Pattern
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.
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, round point

BEIN DL038R
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

HEIDBRINK
DL237R
For lower roots

HEIDBRINK
DL011R
For upper roots

HEIDBRINK
DL241R
Fig. 1

HEIDBRINK
DL242R
Fig. 2

HEIDBRINK
DL243R
Fig. 3
TOOTH EXTRACTION

- **FLOHR DL015R**: For upper roots, spoon-shaped
- **FLOHR DL020R**: For upper roots, pointed
- **HYLIN DL025R**
- **HYLIN DL026R**
- **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

SELDIN
DL225R
For lower roots

SELDIN
DL226R
For lower roots

WINTER
DL229R
For lower roots

WINTER
DL230R
For lower roots
TOOTH EXTRACTION

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

ROSIN

DL069R

Luxator for upper wisdom teeth
160 mm, 6 ¼”
TOOTH EXTRACTION

DO801R
Desmotome, straight filigree
160 mm, 6 ¼"

DO802R
Desmotome, left filigree
170 mm, 7"

DO803R
Desmotome, right filigree
170 mm, 7"

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

CHOMPRET DO501R
Syndesmotome 150 mm, 6”

CHOMPRET DO502R
Syndesmotome 150 mm, 6”

CHOMPRET DO503R
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 minimum physical strain under practice conditions. All ERGOPLANT instruments are suitable for steam sterilization 275°F (Autoclav).

- Continuous corrosion-resistant special instrument steel
- Instrument tightly-covered by a special PEEK handle
- Ergonomic handle design
- Hardwearing working tips
- Satin finish working tips
Implantology Basic Instruments

DA036R Ø 22 mm
DA037R Ø 24 mm
Mouth mirror, Rhodium
Specially recommended for dental implantology
Sales unit: PAK = Package of 12 pieces

DA083
Mouth mirror handle
135 mm, 5½"

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

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

BB063R
Scalpel handle
145 mm, 5⅛"

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
DENTAL IMPLANTOLOGY

PRICHARD
DX200R
Raspatory
185 mm, 7¼”

PRICHARD
DB020R
Raspatory
delicate
185 mm, 7¼”

FREER
DB025R
Raspatory
sharp/blunt
190 mm, 7½”
LUCAS
DO608R
Bone curettes, small
180 mm, 7”

LUCAS
DO609R
Bone curettes, large
180 mm, 7”
Atraumatic dissecting of the flap by means of the papilla elevator without any damage to the papillae.
Implantology Basic Instruments

BUSER
DX301R
Micro-Raspatory
180 mm, 7½"

ORBAN
DB939R
Gingivectomy knives
165 mm, 6½"

KIRKLAND
DX450R
Gingivectomy knives
175 mm, 7"
DENTAL IMPLANTOLOGY

STRICKER
DX401R
ERGOPLANT
Spatula, sharp
special for soft tissue
190 mm, 7 1/2"

HEIDEMANN
DX402R
ERGOPLANT
Spatula,
delicate
190 mm, 7 1/2"

DX400R
ERGOPLANT
Periotome
170 mm, 6 3/4"
Implantology Basic Instruments

DX050R
ERGOPLANT
Tissue forceps
120 mm, 4 3/4"

DX051R
ERGOPLANT
Tissue forceps, with plateau
120 mm, 4 3/4"

DX052R
ERGOPLANT
Non-traumatic dissecting forceps
120 mm, 4 3/4"

DX055R
ERGOPLANT
Soft tissue forceps
140 mm, 5 1/2"

DUROGRIP™
with tungsten carbide inserts
Parallel closing working tips
- Enables to grab the soft tissue of the total length of the plateau
- To reduce the contact pressure
- To preserve the delicate soft tissue structures

The size of the working tip plateaus
- Enables micro surgery
- Allows a precise grabbing of soft tissue and sutures (until 6/0)
- Mitigates the risk of damaging the soft tissue structures

Shape and Design
- The waisted shape for a comfortable feel
- The round handle enables the rotation of the instruments with the tips of the fingers
- Well balanced instruments with a centric balance point
Micro Forceps

DX060R
dissecting, straight
180 mm, 7”

DX061R
dissecting, curved
175 mm, 6¼”
DX070R
atraumata, straight
180 mm, 7"

DX071R
atraumata, curved
175 mm, 6 3/4"
Micro Forceps

DX080R
surgical, straight
180 mm, 7”

DX081R
surgical, curved
175 mm, 6¼”
BC061R
Delicate scissors, curved
105 mm, 4 1/8"

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

BH111R
Hemostatic forceps
125 mm, 5"
DUROGRIP™ =
with tungsten carbide inserts

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”
DENTAL IMPLANTOLOGY

Sinus elevator
220 mm, 8 ¾"

ERGOPLANT
DX560R

Sinus elevator, universal
200 mm, 8"
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.
Elevator DO575R makes it possible to lift the membrane further in the 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 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.
DO572R
Elevator
195 mm, 7 3/4"

DX555R
ERGOPLANT
Applicator for bone material
195 mm, 7 3/4"

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, 6 ½"

DX570R straight, Ø 2.2 mm
DX571R straight, Ø 2.8 mm
DX572R straight, Ø 3.5 mm
DX573R straight, Ø 4.2 mm
DX574R straight, Ø 4.8 mm
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
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:

- FM903R Plate cutter
- DX601R Bone fixation forceps
- DX602R Bone processing forceps
Autogenous bone in augmentation has been established as the "golden standard". The region where to harvest the bone (Bone Harvesting) and the required consistency for augmentation can vary, depending on the case. Here the ERGOPLANT Micro Bone Mill shows its flexibility where a high yield of bone-grist is always ensured.
ERGOPLANT - Bone Harvesting

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

[Diagram of ERGOPLANT Micro bone-mill with labeled parts: Ergonomic PEEK handle, Bone chop, Closing ring, Milling bush, Bone mill shell, Cutting disk, Bone mill bowl]
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, 7⅞"

DX811R
ERGOPLANT
Bone-mill-cleaner coarse for DX803R
195 mm, 7⅞"
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 197.
LUER-FRIEDMANN

DX500R

ERGOPLANT

Bone rongeur

145 mm, 5 ¾"
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. At 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, 6⅓"

DX517R
ERGOPLANT Osteotome curved, 4 mm
160 mm, 6⅓"

DX518R
ERGOPLANT Osteotome curved, 6 mm
160 mm, 6⅓"
The maxillary crest is split transversal by the Step-Osteotome.

The bone split is kept apart by the retractor.

The implant can be positioned by using the existing bone.

After splitting the maxillary crest the bone split is closed 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.
ERGOPLANT - Bone Split

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
DX530R – DX534R
ERGOPLAN
Bone condenser
160 mm, 6\(\frac{3}{4}\)"

Scaling in steps of 2 mm

Big marking after 10 mm as security zone

Laser marked size

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 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

DX535R – DX539R
ERGOPLANT
Bone condenser
180 mm, 7"
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

DX305R
150 mm, 6”
Microblade holder with round handle, for precision incisions.

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 – FD259R**
DIADUST®
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.

PHW
DX405R
Atraumatic papilla elevator
190 mm, 7½"

BUSER
DX301R
Micro-Raspatory
180 mm, 7½"
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.

180 mm, 7½”
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.

180 mm, 7½”

**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
- May be manually sharpened
Recall Set for Dental Implant Cleaning

LANGER DB180T
L 1/2
Premolars
Molars
universal
mandible

LANGER DB181T
L 3/4
Premolars
Molars
universal
maxilla

LANGER DB182T
L 5/6
Anteriors
universal

175 mm, 7”
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
165 mm, 6½"

WHO
DB765R
PCP 11,5 C
165 mm, 6½"
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 minimal physical strain is possible, even in long operations.
DX101R
ERGOPLANT
Vestibulum hook
220 mm, 8¾"

BÜCHS
DX102R
ERGOPLANT
Soft tissue retractor
200 mm, 8"
DX105R
ERGOPLANT
Tongue retractor
190 mm, 7 ½”
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)

**DX113**
ERGOPLANT
Silicone mouth wedge
Size: S

**DX114**
ERGOPLANT
Silicone mouth wedge with metal core
Size: M

**DX115**
ERGOPLANT
Silicone mouth wedge with metal core
Size: L

**DX120R**
Chain with clip lock for DX113-DX115
450 mm, 17”
Dental Prosthetics
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.
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

- 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 thin walled crowns and hard alloys
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 molars
- 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
JESCO™-Form Impression Trays for Upper Jaw

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

JESCO-Form impression trays
for toothed upper jaws

JESCO-Form impression trays
for partly toothed upper jaws

JESCO-Form impression trays
for edentulous upper jaws
DENTAL PROSTHESES

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.

For resilient impression compounds

According to WÖSTMANN

Impression trays for toothed lower jaws

JESCO™-Form impression trays

for edentulous lower jaws

<table>
<thead>
<tr>
<th>Model</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR271R</td>
<td>70 mm</td>
<td>48 mm</td>
</tr>
<tr>
<td>DR272R</td>
<td>70 mm</td>
<td>53 mm</td>
</tr>
<tr>
<td>DR273R</td>
<td>72 mm</td>
<td>57 mm</td>
</tr>
<tr>
<td>DR274R</td>
<td>70 mm</td>
<td>58 mm</td>
</tr>
</tbody>
</table>

JESCO™-Form impression trays

for partly toothed lower jaws

<table>
<thead>
<tr>
<th>Model</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR081R</td>
<td>70 mm</td>
<td>54 mm</td>
</tr>
<tr>
<td>DR082R</td>
<td>70 mm</td>
<td>58 mm</td>
</tr>
<tr>
<td>DR083R</td>
<td>79 mm</td>
<td>64 mm</td>
</tr>
<tr>
<td>DR084R</td>
<td>80 mm</td>
<td>71 mm</td>
</tr>
</tbody>
</table>

For resilient impression compounds

According to WÖSTMANN

Impression trays for toothed lower jaws

JESCO™-Form impression trays

for edentulous lower jaws

<table>
<thead>
<tr>
<th>Model</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR261R</td>
<td>70 mm</td>
<td>55 mm</td>
</tr>
<tr>
<td>DR262R</td>
<td>78 mm</td>
<td>59 mm</td>
</tr>
</tbody>
</table>

A = width of impression tray
B = depth of impression tray
JESCO™-Form Impression Trays for Upper Jaw
AA804R
150 mm (6") lang
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
185 mm, 7 ¼”

DO303R
Retraction thread packer, flexible
175 mm, 7”

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"
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”
- 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 ¾"

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

**TREYMANN**

**DP771R**
Crown remover
255 mm, 10”

**DP770R**
Crown and bridge remover, complete, with 3 points

**DP781R**
Handle only

**DP783R**
Point, only

**DP784R**
Point, only

**DP787R**
Point, only
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

max. wire size: 0.9 mm (.036“)

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

ANDERSEN DP131R
130 mm, 5⅛"
Round-nosed pliers
■ for bending loops
■ max. wire size:
1.0 mm (.040")
DENTAL PROSTHETICS

**PEESO**

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

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

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

for wire up to 0.7 diam.

1.0 diam.
Wire bending Pliers, Round nose Pliers

**DP001R**

Wire bending pliers
serrated jaws

**DP007R**

145 mm, 5¾"

**DP021R**

140 mm, 5½"

**ANDRESEN**

**DP131R**

Wire bending pliers
for bending loops
130 mm, 5 ⅜"

**SCHWARZ**

**DP134R**

Wire bending pliers
for bending loops
135 mm, 5 ¼"
DENTAL PROSTHETICS

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"
Schlaufenbiegezange
■ max. Drahtstärke: 1,0mm (.040") federhart
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, 6¼"
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, 5 ¾"

**DP530R**
Wire cutter for soft wire up to diam. 1.5 mm, for hard wire up to diam. 1.0 mm
140 mm, 5 ½"

**DP540R**
Wire cutter for soft wire up to 0.5 mm, for hard wire up to 0.3 mm
130 mm, 5 ⅛"

**DP541R**
Wire cutter for soft wire up to 0.6 mm, for hard wire up to 0.4 mm
130 mm, 5 ⅛"

Specially hardened cutting edges
DENTAL PROSTHETICS

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"

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

for cutting off wires close to the bone

specially hardened cutting edges
Orthodontics
**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"

**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"
**Instruments for the permanent technique**

**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
- 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

130 mm, 5 1/8"

Weingart delicate
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”
DP301R
135 mm, 5 ¼”

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

De La ROSA
DP335R
125 mm, 5"

- 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

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 ¾"
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 medially/distally and also under the wings. The end of the forceps can be used to adjust the bracket position.

- **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.

- **DP150R**
  - 125 mm, 5"
  - Combination clamp forceps
  - straight
  - mouth parts serrated
  - for positioning brackets
  - 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

HALSTED-MOSQUITO
BH111R
125 mm, 5"
Forceps, curved
- mouth parts serrated
- for applying rubber ligatures
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
  ■ for removing adhesive and cement residues

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 1/2"
Flat pliers
- mouth parts serrated

DP032R
140 mm, 5 1/2"
Flat pliers
- smooth mouth parts

GOSLEE
DP035R
140 mm, 5 1/2"
Flat pliers
- one smooth mouth part, one serrated
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

ADERER DP315R
120 mm, 4 ¼”
Three-finger pliers
- max. wire size: 0.7 mm (.028“)

ADERER DP316R
125 mm, 5”
Three-finger pliers
- max. wire size: 0.9 mm (.036“)
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