

# Aesculap<sup>®</sup> Ergoperio

The New Class of Excellence  
Instruments for periodontology



Aesculap Dental



**You can see it.**

**You can feel it.**



## Make yourself comfortable.

You'll never want to put the handles down again – the new instruments in Aesculap®'s Ergoperio 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.



The Winner of the  
**iF DESIGN AWARD 2015**  
Category Medicine / Healthcare

# Aesculap® Ergoperio instruments

The New Class of Excellence

**Ergoperio** combines modern design with unique ergonomics and top functionality



## Flawless performance

- Precise manufacturing and high class materials leads to high quality and reliability
- The working tips are matched to the requirements of periodontology

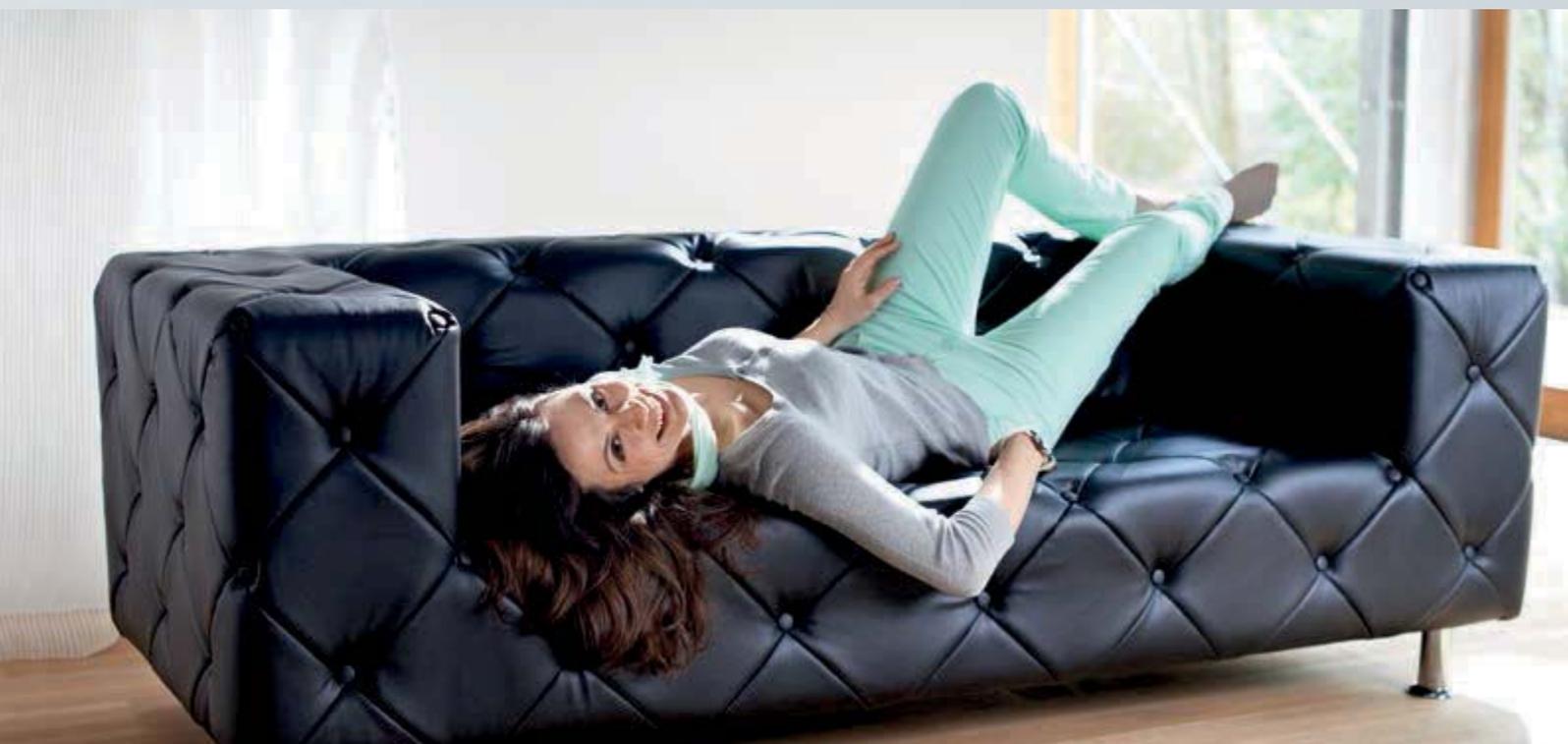
## Easy-to-grip surface



#### Pleasant ergonomics

- Shape and thickness ensure low-fatigue work
- Extremely lightweight handles

#### Pioneering aesthetics



# Aesculap® Ergoperio mouth mirror, dental forceps, periodontal probes

The New Class of Excellence



**DA083**  
Mouth mirror handle  
135 mm, 5½"

## Mouth mirrors

### Aesculap "Rhodium"

The premium mouth mirror

- Low light reflectivity and sharp reflective images even in bright lighting conditions
- Excellent for surgical use, treatment of deep cavities, endodontics, surgery, implants, etc.
- 22 mm and 24 mm diameters



**DA036R** Ø 22 mm  
**DA037R** Ø 24 mm  
Order unit:  
PAK = Package of 12



**DA246R**  
Dental forceps  
150 mm, 6"

You can see it. You can feel it.



**DB862R**  
PCP 12  
160 mm, 6 1/4"



**DB865R**  
UNC 15  
160 mm, 6 1/4"



**DB866R**  
UPM  
(PCP 11.5 C + UNC 15)  
170 mm, 6 3/4"

# Aesculap® Ergoperio periodontal probes, furcation probe

The New Class of Excellence



WHO  
**DB867R**  
PCP 11.5 C  
160 mm, 6 1/4"



**DB868R**  
PCP 11  
160 mm, 6 1/4"



**DB874R**  
160 mm, 6 1/4"



NABERS  
**DA882R**  
P2N  
Furcation probe  
170 mm, 6 3/4"

You can see it. You can feel it.

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



Due to a lack of measurement pressure standardisation, 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 fibre structures. Thanks to their defined spring pressure of 0.2 N, the DB764R and DB765R periodontal probes allow standardised probing in follow-up care of periodontal diseases, and especially in cases of inflammatory gingival changes in long-term studies.



**DB764R**  
UNC 15  
165 mm, 6 1/2"

WHO  
**DB765R**  
PCP 11.5 C  
165 mm, 6 1/2"



**Grip and control!**

## Aesculap's professional periodontology portfolio

For more than 140 years, Aesculap is known for quality and reliability – and innovation has been a hallmark of the company for just as long. Constant communication with dental practices and close cooperation with dentists play a decisive role in our work, allowing us to use the latest findings out of everyday medical practice as driving forces in our development work. Our dental division thus offers you a comprehensive, modern array of highly specialised instruments for new surgical and treatment methods. Your patients' smiles are the most beautiful thanks of all!



# Aesculap® Ergoperio micro forceps

The New Class of Excellence

## Ergoperio – Micro Forceps for tissue preserving surgery



### Parallel closing working tips

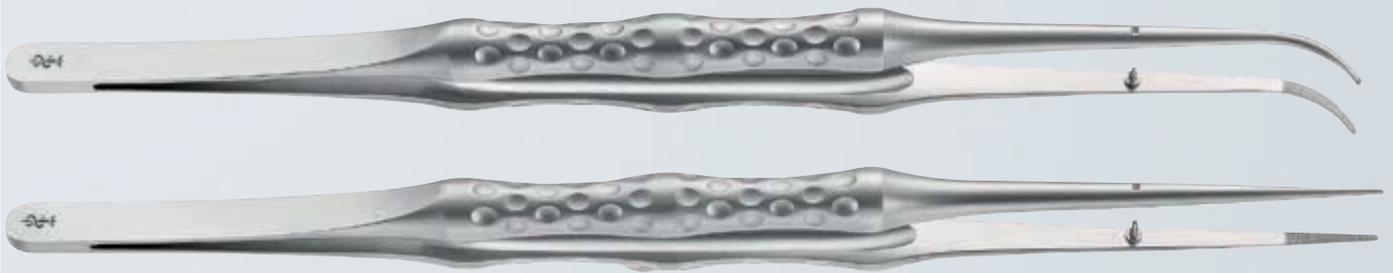
- Enables to grab the soft tissue of the total length of the plateau
- To reduce the contact pressure
- To preserve the delicate soft tissue structures



### 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

You can see it. You can feel it.



### Shape and Design

- The waisted shape for a comfortable haptics
- The round handle enables the rotation of the instruments with the tips of the fingers
- Well balanced instruments with a centric balance point



# Aesculap® Ergoperio micro forceps

The New Class of Excellence



**DX060R**  
dissecting  
straight  
180 mm, 7"

**DX061R**  
dissecting  
curved  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

**DX070R**  
atraumata  
straight  
180 mm, 7"

**DX071R**  
atraumata  
curved  
180 mm, 7"

You can see it. You can feel it.



**DX080R**  
surgical  
straight  
180 mm, 7"

**DX081R**  
surgical  
curved  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

# Aesculap micro needle holder, micro ligature scissors, delicate scissors

The New Class of Excellence



**DUROGRIP®**  
Carbide inserts

**BM003R**

DUROGRIP® Needle holder  
for suture material 4/0–6/0  
180 mm, 7"



**DIADUST®**  
Diamond Powder  
Coated Needle  
Holders

**FD258R**

DIADUST® Micro needle holder  
straight, for suture material  
6/0 – 8/0  
180 mm, 7"



**DIADUST®**  
Diamond Powder  
Coated Needle  
Holders

**FD259R**

DIADUST® Micro needle holder  
curved, for suture material  
6/0 – 8/0  
180 mm, 7"

You can see it. You can feel it.



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



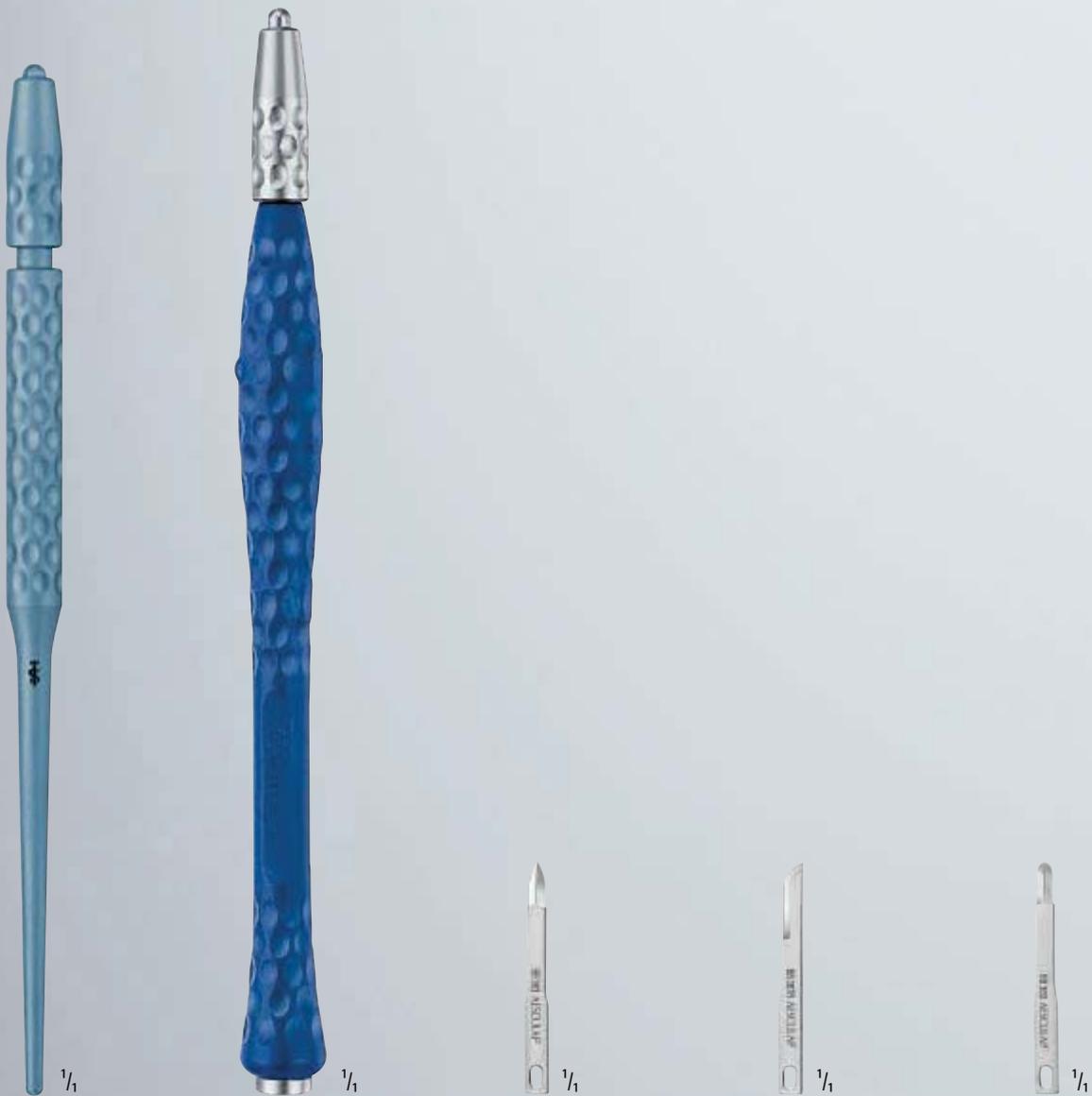
**BC110R**  
Delicate scissor  
straight  
110 mm, 3<sup>3</sup>/<sub>8</sub>"



**BC111R**  
Delicate scissor  
curved  
110 mm, 3<sup>3</sup>/<sub>8</sub>"

# Aesculap scalpel handles

The New Class of Excellence



**BB045T**  
Titanium scalpel  
handle for micro-  
surgery blades  
145 mm, 5<sup>3</sup>/<sub>4</sub>"

**DX305R**  
ERGOPLANT  
Microblade holder  
150 mm, 6"

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

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

**BB369R**  
Microsurgery blade  
Sales unit:  
ST = Package  
of 10 pieces

You can see it. You can feel it.



### Sterile scalpel blade

- heat-treated in vacuum
- sterile

#### Sales unit:

PAK = Package of 100 pieces

Fig. 11



Fig. 12



Fig. 15



Fig. 15-C



Fig. 12d



#### BB063R

Scalpel handle for  
sterile scalpel blades  
145 mm, 5<sup>3</sup>/<sub>4</sub>"

#### BB511

Sterile scalpel  
blade

#### BB512

Sterile scalpel  
blade

#### BB515

Sterile scalpel  
blade

#### BB515-C

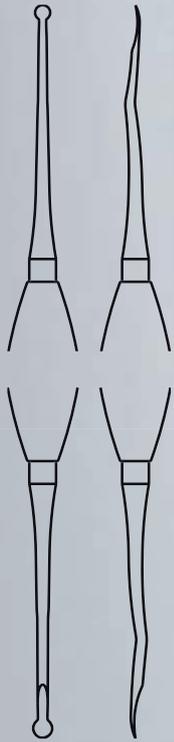
Sterile scalpel  
blade

#### BB542

Sterile scalpel  
blade,  
double cutting

# Aesculap® Ergoperio tunnelling instruments, papilla elevator, raspatories

The New Class of Excellence



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

**STRICKER  
DX310R**  
Tunnelling instrument,  
straight  
180 mm, 7½"



1/1



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

**STRICKER  
DX311R**  
Tunnelling instrument  
angled  
180 mm, 7½"



1/1

You can see it. You can feel it.



PHW  
**DX405R**  
Atraumatic papilla  
elevator  
190 mm, 7 1/2"

1/1



BUSER  
**DX201R**  
Raspatory  
185 mm, 7 1/4"

1/1



BUSER  
**DX301R**  
Micro-Raspatory  
180 mm, 7 1/2"

1/1

# Aesculap® Ergoperio raspatories

The New Class of Excellence

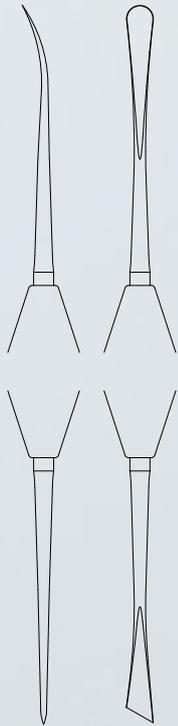


**PRICHARD  
DX200R**  
Raspatory  
185 mm, 7 1/4"



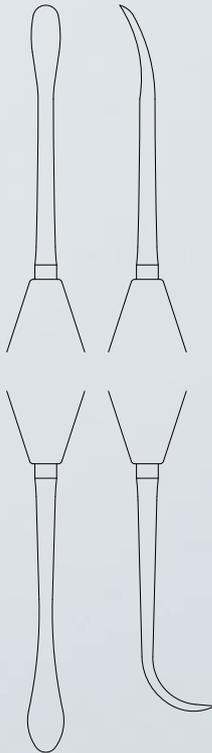
**PRICHARD  
DB020R**  
Raspatory  
delicate  
185 mm, 7 1/4"

You can see it. You can feel it.



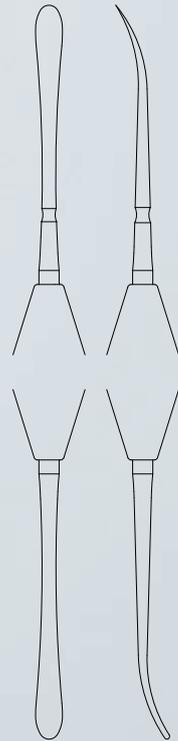
**GLICKMAN  
DB850R**  
Raspatory  
185 mm, 7 1/4"

1/1



**LANGE  
DB022R**  
Raspatory  
180 mm, 7 1/2"

1/1

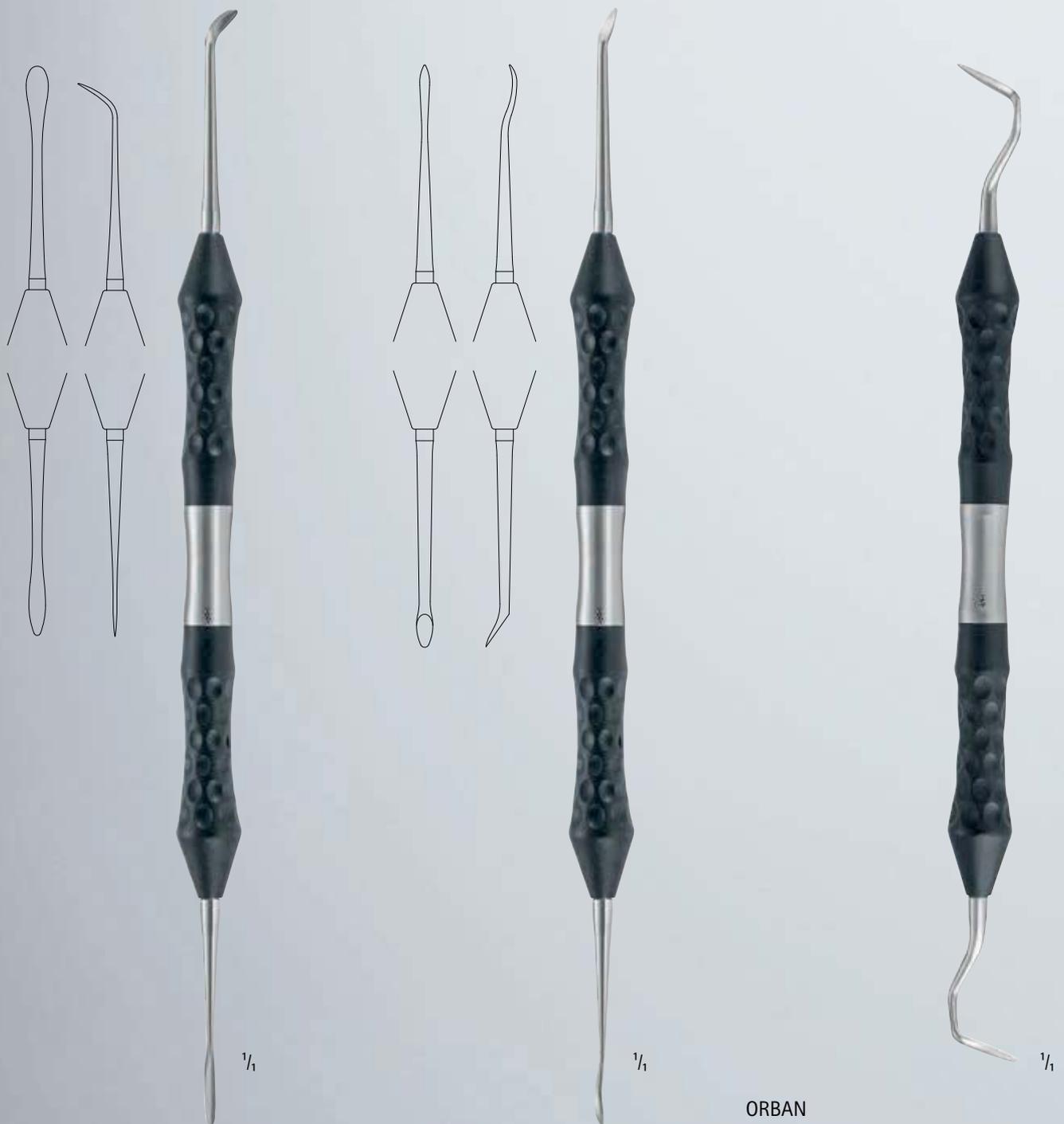


**FREER  
DB025R**  
Raspatory  
sharp/blunt  
190 mm, 7 1/2"

1/1

# Aesculap® Ergoperio raspatory, gingivectomy knives, bone currettes

The New Class of Excellence



## **DB827R**

Periodontal dissector for  
dissection of soft tissues,  
double-ended  
185 mm, 7 1/4"

## **DB828R**

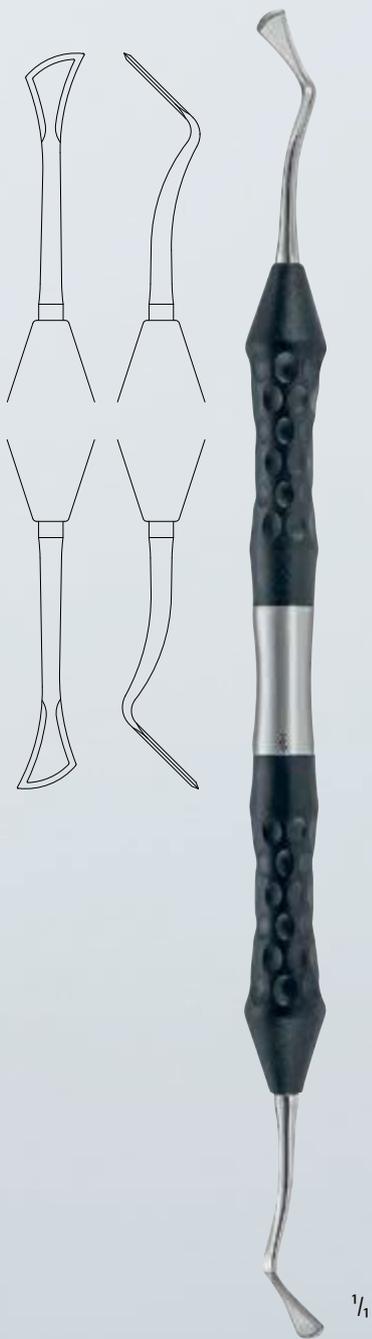
Dissection  
raspatory  
185 mm, 7 1/4"

## **ORBAN**

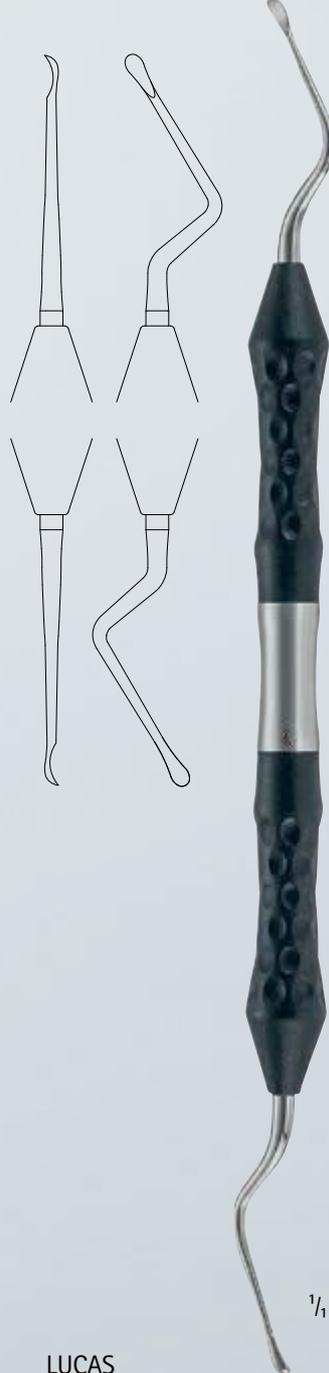
### **DB939R**

Gingivectomy knives  
165 mm, 6 1/2"

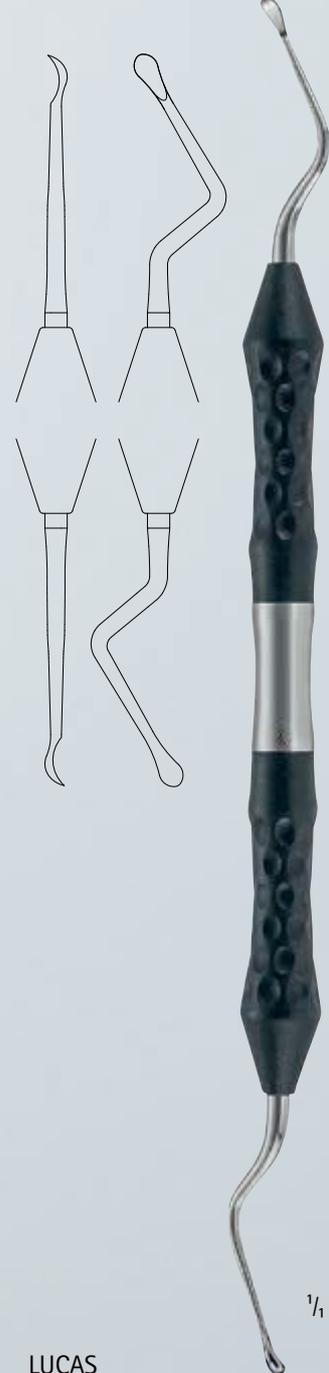
You can see it. You can feel it.



**KIRKLAND  
DX450R**  
Gingivectomy knives  
175 mm, 7"



**LUCAS  
DO608R**  
Bone curettes, small  
180 mm, 7"



**LUCAS  
DO609R**  
Bone curettes, large  
185 mm, 7¼"

# Aesculap® Ergoperio mini chisel

The New Class of Excellence

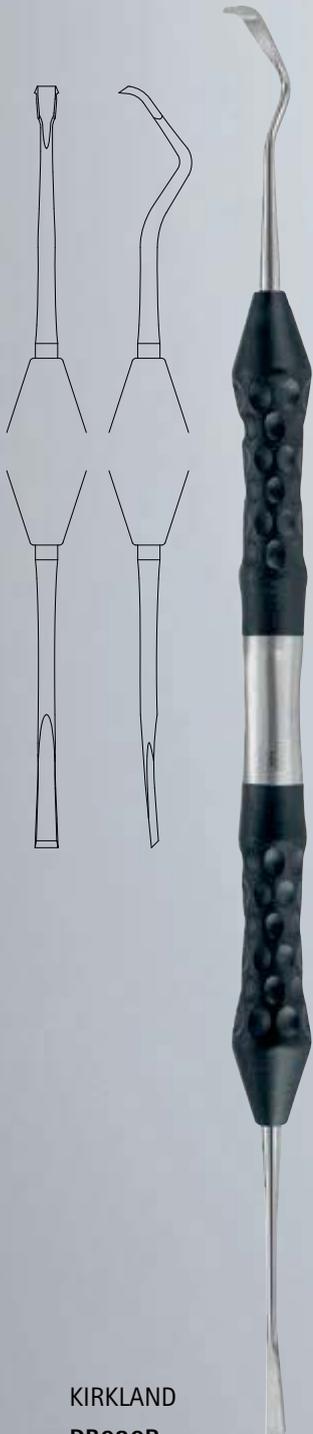


Fig. S13K/TG

**KIRKLAND  
DB030R**  
Mini chisel  
190 mm, 7 1/2"

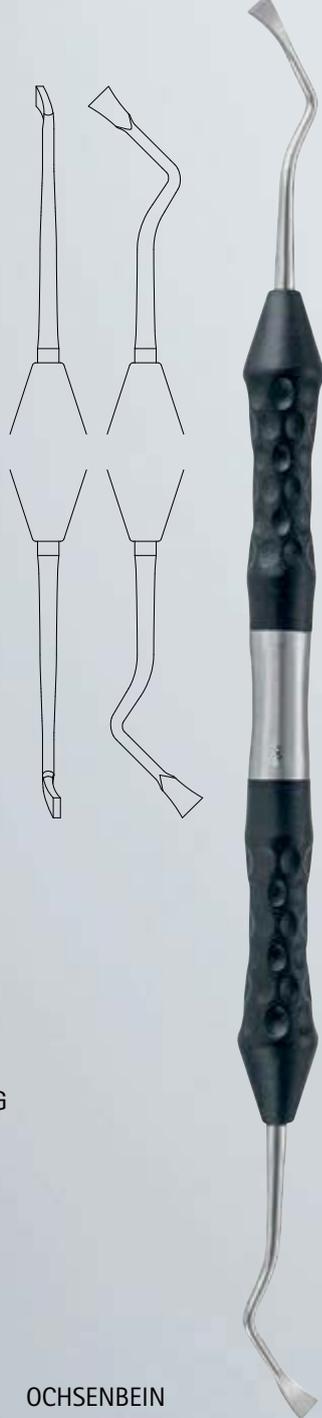


Fig. 4

**OCHSENBEIN  
DB034R**  
Mini chisel  
190 mm, 7 1/2"

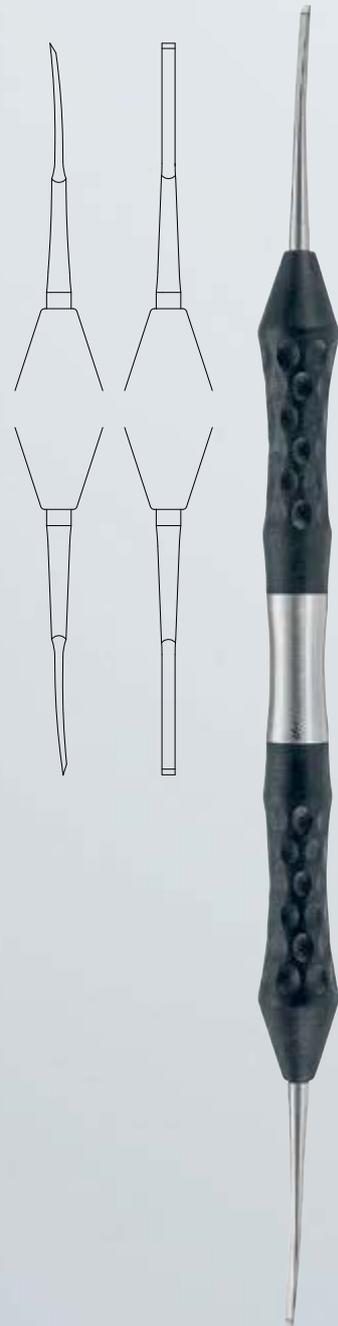


Fig. M CKN 1/2

**KRAMER-NEVINS  
DB838R**  
Mini chisel  
175 mm, 7"

You can see it. You can feel it.



Fig. M CR 36/37

RHODES  
**DB835R**  
Mini chisel  
175 mm, 7"



Fig. CR 36/37

RHODES  
**DB836R**  
Mini chisel  
175 mm, 7"



**Colourful instruments**

# Anatomic Colours

... millionfold approved!

Especially for curettes and scalers a ergonomic handle design is advantageous. The lightweight handle and the easy to grip surface of the instruments enable low fatigue work.

Continuous special instrument steel enables hardwearing working tips. The colour coding of the instruments allows a easy and quick orientation.



# Aesculap scaler

The New Class of Excellence



1/1

**DB243R**  
Premolars, Molars  
universal  
175 mm, 7"



CK 6

1/1

CRANE CAPLAN  
**DB340R**  
Anteriors  
Premolars, Molars  
universal  
175 mm, 7"



CI 2/3

1/1

**DB349R**  
Anteriors  
Premolars, Molars  
universal  
165 mm, 6 1/2"



T2/T3

1/1

**DB350R**  
Anteriors  
Premolars, Molars  
universal  
175 mm, 7"

You can see it. You can feel it.



USM

$\frac{1}{4}$ "

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



H 6/7

$\frac{1}{4}$ "

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



13S/14S

$\frac{1}{4}$ "

Mc CALL  
**DB376R**  
Premolars, Molars  
mesial/distal  
175 mm, 7"



M 23

$\frac{1}{4}$ "

**DB391R**  
Anteriors  
Premolars, Molars  
universal  
175 mm, 7"

# Aesculap scaler, curettes

The New Class of Excellence



S 204/SD

1/1

**DB352R**

Anteriors, Premolars  
mesial/distal  
175 mm, 7"



S 204 S

1/1

**DB354R**

Molars  
universal  
175 mm, 7"



GF 5

1/1

GOLDMANN-FOX

**DB345R**

Premolars, Molars  
buccal/lingual  
175 mm, 7"



GF 6

1/1

GOLDMANN-FOX

**DB346R**

Anteriors, Premolars  
Molars, labial/lingual  
mesial/distal  
175 mm, 7"

You can see it. You can feel it.



L 1/2

1/1

**LANGER  
DB330R**  
Premolars, Molars  
universal  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



L 3/4

1/1

**LANGER  
DB331R**  
Premolars, Molars  
universal  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



L 5/6

1/1

**LANGER  
DB332R**  
Anteriors  
universal  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

# Aesculap cures

The New Class of Excellence



GF 2

$\frac{1}{2}$ "

**GOLDMANN-FOX  
DB342R**  
Anteriors, Premolars  
universal  
175 mm, 7"



GF 4

$\frac{1}{2}$ "

**GOLDMANN-FOX  
DB344R**  
Premolars, Molars  
universal  
175 mm, 7"



2R/2L

$\frac{1}{2}$ "

**COLUMBIA  
DB362R**  
Anteriors  
universal  
175 mm, 7"



4R/4L

$\frac{1}{2}$ "

**COLUMBIA  
DB363R**  
Premolars, Molars  
universal  
170 mm, 6 $\frac{3}{4}$ "

You can see it. You can feel it.



13/14

1/1

**COLUMBIA  
DB368R**

Premolars, Molars  
universal  
175 mm, 7"



M 23 A

1/1

**DB392R**

Anteriors, Premolars,  
Molars  
universal  
175 mm, 7"



M 17S/18S

1/1

**McCALL  
DB377R**

Premolars, Molars  
165 mm, 6 1/2"

# Aesculap cures

The New Class of Excellence



Fig. 1/2

GRACEY  
**DB380R**  
Anteriors  
universal  
175 mm, 7"



Fig. 3/4

GRACEY  
**DB381R**  
Anteriors, Premolars  
universal  
170 mm, 6 $\frac{3}{4}$ "



Fig. 5/6

GRACEY  
**DB382R**  
Anteriors, Premolars  
universal  
175 mm, 7"



Fig. 7/8

GRACEY  
**DB383R**  
Premolars, Molars  
buccal/lingual  
170 mm, 6 $\frac{3}{4}$ "

You can see it. You can feel it.



Fig. 9/10

$\frac{1}{4}$ "

GRACEY  
**DB384R**  
Premolars, Molars  
buccal/lingual  
170 mm, 6 $\frac{3}{4}$ "



Fig. 11/12

$\frac{1}{4}$ "

GRACEY  
**DB385R**  
Premolars, Molars  
mesio-buccal/  
mesio-lingual  
175 mm, 7"



Fig. 13/14

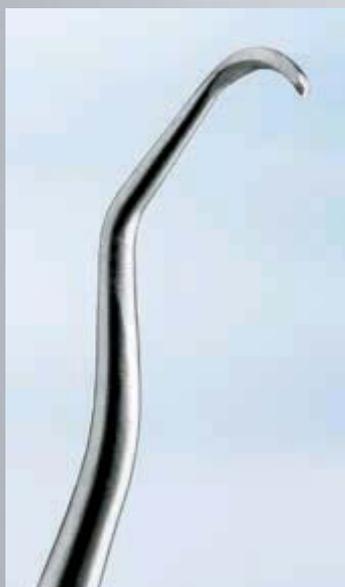
$\frac{1}{4}$ "

GRACEY  
**DB386R**  
Premolars, Molars  
disto-buccal/  
disto-lingual  
175 mm, 7"

# Aesculap cures

The New Class of Excellence

## Special combination of GRACEY-Figures



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

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



Fig. 15/16

1/1

**GRACEY DB387R**  
Premolars, Molars  
mesio-buccal/  
mesio-lingual  
175 mm, 7"



Fig. 12/13

1/1

**GRACEY DB389R**  
Premolars, Molars  
mesio-vestibular/mesio-oral  
disto-vestibular/disto-oral  
175 mm, 7"



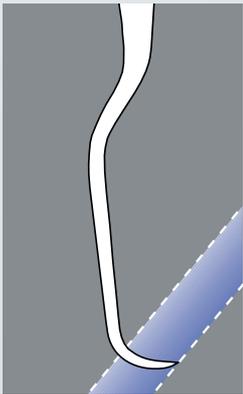
Fig. 11/14

1/1

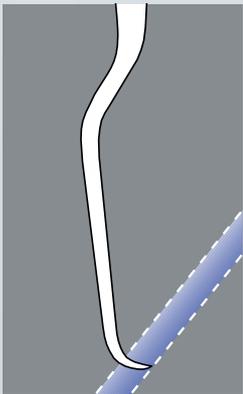
**GRACEY DB388R**  
Premolars, Molars  
mesio-vestibular/mesio-oral  
disto-vestibular/disto-oral  
175 mm, 7"

You can see it. You can feel it.

### GRACEY



### Mini-GRACEY



Shaft 3 mm longer than Standard-GRACEY, narrow working tip shortened  
■ for easier access to the deep, narrow root surfaces



Fig. 1/2

Mini-GRACEY  
**DB470R**  
Anteriors  
universal  
175 mm, 7"



Fig. 3/4

Mini-GRACEY  
**DB471R**  
Anteriors, Premolars  
universal  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



Fig. 5/6

Mini-GRACEY  
**DB472R**  
Anteriors, Premolars  
universal  
175 mm, 7"

# Aesculap curettes

The New Class of Excellence



Fig. 7/8

$\frac{1}{4}$ "

Mini-GRACEY  
**DB473R**  
Premolars, Molars  
buccal/lingual  
170 mm, 6 $\frac{3}{4}$ "



Fig. 11/12

$\frac{1}{4}$ "

Mini-GRACEY  
**DB475R**  
Premolars, Molars  
mesio buccal/  
mesio lingual  
175 mm, 7"



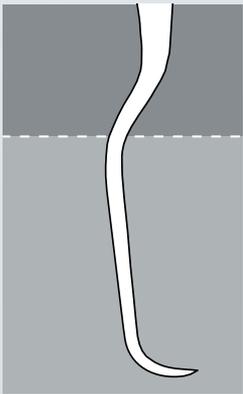
Fig. 13/14

$\frac{1}{4}$ "

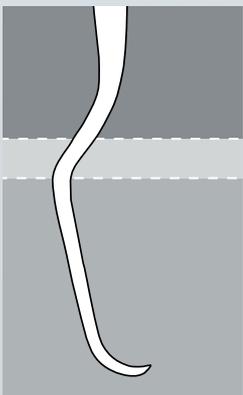
Mini-GRACEY  
**DB476R**  
Premolars, Molars  
disto buccal/disto lingual  
175 mm, 7"

You can see it. You can feel it.

### GRACEY



### After-GRACEY



Shaft 3 mm longer than Standard-GRACEY narrow working tip

■ for easier access to the deep root surfaces



Fig. 1/2

1/1

After-GRACEY  
**DB590R**

Anteriors  
universal  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



Fig. 3/4

1/1

After-GRACEY  
**DB591R**

Anteriors, Premolars  
universal  
170 mm, 6<sup>3</sup>/<sub>4</sub>"



Fig. 5/6

1/1

After-GRACEY  
**DB592R**

Anteriors, Premolars  
universal  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

# Aesculap cures, titanium cures

The New Class of Excellence



Fig. 7/8

Fig. 11/12

Fig. 13/14

1/4

1/4

1/4

After-GRACEY  
**DB593R**  
Premolars, Molars  
buccal/lingual  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

After-GRACEY  
**DB595R**  
Premolars, Molars  
mesio-buccal/  
mesio-lingual  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

After-GRACEY  
**DB596R**  
Premolars, Molars  
disto-buccal/  
disto-lingual  
170 mm, 6<sup>3</sup>/<sub>4</sub>"

You can see it. You can feel it.

### Titanium curettes for Dental Implant Cleaning

- Very delicate working tips facilitate access to dental implant collar
- No 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.



L 1/2

1/1

**LANGER  
DB180T**  
Premolars, Molars  
universal; mandible  
175 mm, 7"



L 3/4

1/1

**LANGER  
DB181T**  
Premolars, Molars  
universal; maxilla  
175 mm, 7"



L 5/6

1/1

**LANGER  
DB182T**  
Anteriors  
universal  
175 mm, 7"

# Aesculap® Sterile Container System

## Dental Sterile Container



### JG387R

188 x 84 x 30 mm (flat)  
Tray, contains two instrument racks  
(2 x JG394) for 6 instruments



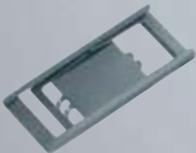
### JG388R

188 x 125 x 30 mm (flat)  
Tray, contains two instrument racks  
(JG400 + JG401) for 9 instruments



### JG389R

273 x 176 x 30 mm (flat)  
Tray, contains five instrument racks  
(2 x JG394, 2 x JG400, 1 x JG401),  
with lid handle, fitting into Dental  
Container JN092



### JG625R

Holding device for  
identification labels



### ICD-002

Plastic identification labels, white, with  
10-character barcode for software  
applications, labelling as specification



**JN092**

312 x 190 x 46 mm

To take following trays:

1 x JG381R or 1 x JG383R or  
1 x JG389R

JN086 container body and JN091 lid  
can also be ordered singly



**JN094**

312 x 190 x 65 mm

To take following trays:

2 x JG380R or 1 x JG384R or 1 x JG386R

JN088 container body and JN091 lid can  
also be ordered singly



**JN095**

312 x 190 x 92 mm

To take following trays:

2 x JG381R or 1 x JG381R +  
1 x JG384R or 1 x JG285R

JN089 container body and JN091 lid  
can also be ordered singly



**JK091**

94 x 215 mm

Aesculap reusable filter for dental  
containers JN092-JN096 with narrow  
perforation, service life 1,000 cleaning  
and sterilization cycles.

Order unit (PAK): Pack of 2



**JG600**

Aesculap® oil spray, in aerosol can  
(ozonefriendly), for maintenance  
of instruments prior to sterilization.  
Physiologically inert acc. to DAB and  
S 31 LMBG (German Pharmacopoeia)

Inclusive 2 nozzles



**JG598**

Aesculap® instrument oil, for box  
locks, ratchets etc. prior to sterilization.  
Physiologically inert acc. to DAB and  
S 31 LMBG (German Pharmacopoeia)

# Aesculap® Tray System

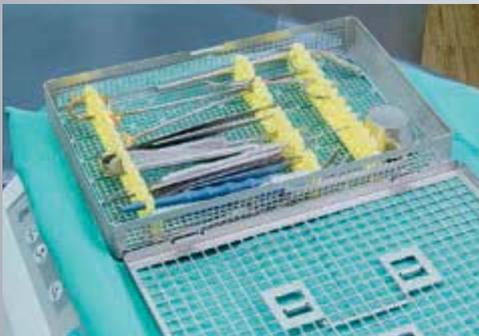
## The Sterile Goods Cycle

### Systematic Instrument Reprocessing Procedure

The primary intention of hygienic measures in dental practice is to safeguard the health of patients and personnel. To ensure safety it is particularly important to observe the principles of hygiene when cleaning and sterilizing instruments. To maintain a safe, efficient and economical workplace, clear

procedures for hygiene must be specified and followed. The Aesculap® Sterile Container System is a proven and excellent aid in the standardized management of instruments throughout the dental practice workflow, from sterile processing through transport, storage and use.

#### 1 | Provision and treatment



#### 2 | Clearing away and disposal

#### 6 | Storage



For further details see brochure  
No. D05802

## Four smart reasons to choose the Aesculap® Sterile Container System

### ■ Prevention of infections

Of patients and staff through preservation of instrument sterility and closed transport of used instruments

### ■ Economy

Low total cost of ownership due to reusable packaging, minimal processing costs and long service life

### ■ Comfortable handling

Simple, quick and easy

### ■ Transparency and reduction of errors

Standardized, effective documentation of your sterile supply workflow



3 | Disinfecting and cleaning

### 4 | Inspection, care and maintenance and packing



### 5 | Sterilizing



Reprocessing of instruments in dental practice,  
brochure for download from <http://www.a-k-i.org>

