# Close **to you.**

MANUFACTURER **SINCE 1921**

1921

ZEPF dental
CATALOGUE

*The better grade of dental instruments since 1921*

HELMUT

MEDIZINTECHN

# Goldener Meisterbrief

## Helmut Zepf

Chirurgiemechanikermeister

**FÜR 40 JAHRE MEISTER DES DEUTSCHEN HANDWERKS**

**VERLIEHEN VON DER HANDWERKSKAMMER KONSTANZ**

PRÄSIDENT

SYNDIKUS

**KONSTANZ, DEN** 29. MAERZ 1987

# Content

ZEPF

IK GMBH


01 Company Profile

02 Diagnostic

03 Periodontology

04 Conservation

05 Extraction

06 Oral Surgery

07 Implantology

08 Microsurgery

09 Crown Instruments

10 Maintenance

11 Index

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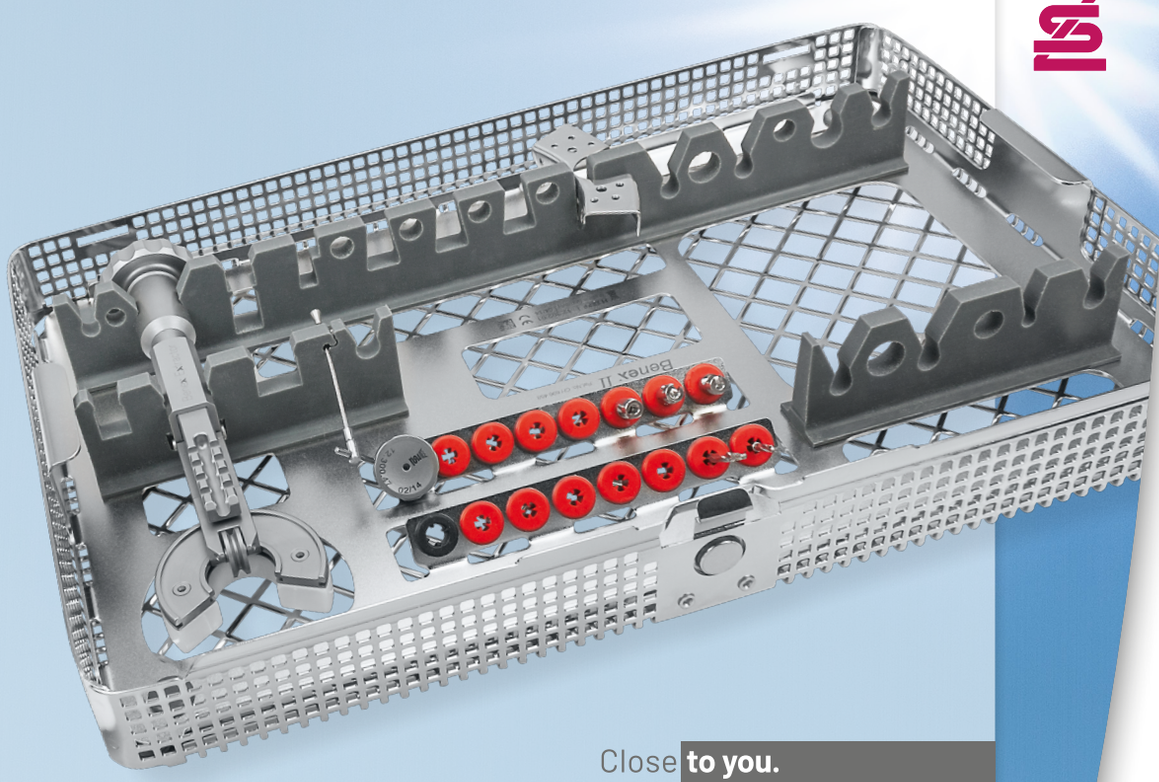
Professor Ferdinand Sauerbruch became famous for a special surgical technique that he had developed. As a surgeon, he had rather clear-cut ideas regarding the characteristics and quality of the surgical instruments he used. It was not easy to meet his high standards.
The well-known surgeon turned to Zepf, an instrument manufacturer in Seitingen that back then was still a rather young company, to produce the surgical instruments he wanted, as well as special prototype arm and leg prostheses.

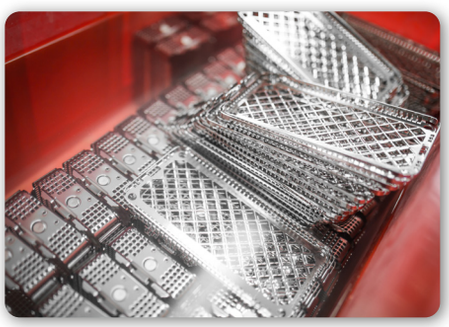
Isidor Zepf, who had founded the company in 1921, and his wife Rosa, who was surely one of the first female surgical instrument makers, were able to produce the Berlin professor's products the way he wanted. Their - back in those days - somewhat unusual collaboration built the foundation for Zepf's successful development effort and demonstrated what is even today Zepf's hallmark: rapidly implementing innovations in the field of medical instruments, working in collaboration with well-known physicians and developing these innovations into exemplary solutions. What had been a manufacturing plant with modest beginnings began to grow due to the growing demand for medical instruments.

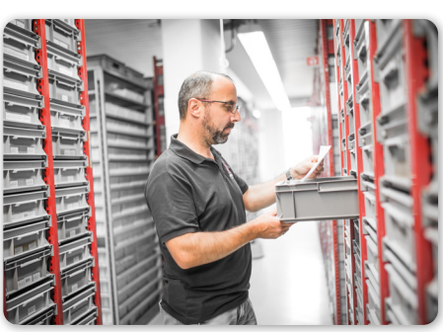
Helmut Zepf senior and Helmut Zepf junior developed the company in the following decades to a leading manufacturer of dental instruments in Germany.



Close **to you.**

MADE IN GERMANY





## Craftmanship since 1921

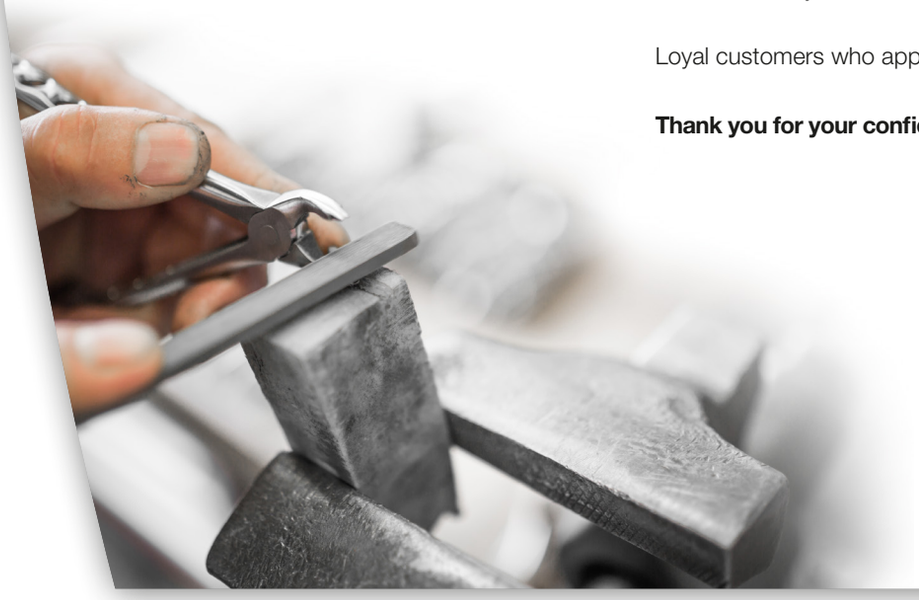
Today we are still a family company, managed in the fourth generation by Patrick Zepf. Our decisions are still based on the strict maintaining of basic standards and Zepf's quality criteria and high innovation.
A family needs a home. The home of the Zepf family of course is Seitingen-Oberflacht where we reside since 1921.

Here we can count on the extensive technical know-how of our employees, many of them proving their loyalty to us for decades, since it is well known that this particular region of Baden-Württemberg is a hotbed of inventiveness and creativity. Last, but not least, Tuttlingen and the surrounding area has managed to remain the center of the world's medical-equipment industry, thanks to its abundance of well-trained skilled workers. It is companies like Helmut Zepf, to mention just one example, that have been standing for that reputation in the field for more than three-quarters of a century.

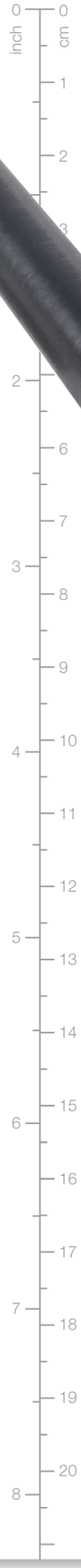
Consistent with our corporate philosophy, we see ourselves as driver of innovation. In the footsteps of others we cannot improve.
We consciously take into account that a development is allowed to fail.

Loyal customers who appreciate our innovations are our reward.

**Thank you for your confidence!**



H.ZEPF
bionik




zepf-dental.com

VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

The instruments illustrated in this catalogue are subject to modifications regarding technical progress and improvements.

Scale

# Single-ended Z-SHAPE Relax handles with nanopal® coating

Available with M4x0.5 and M2.5 threads as required, our handy single-enders also feature the scratch-resistant ZEPF nanopal® coating. The black, impact-resistant surface is easy to clean and prevents unpleasant light reflections. QUICKFIX

**Infinite possibilities:**

**HELMUT ZEPF**
Z-SHAPE Relax handle, single-ended, M4x0.5:

**26.010.11OX** yellow

**HELMUT ZEPF**
Z-SHAPE Relax handle, single-ended, M2.5:

**26.010.21OX** yellow

**M4x0,5 or M2,5 thread**

Z-SHAPE RELAX DBGM

bionik ZEPF

These handles are light, manufactured from top-quality plastic with a satin surface finish, available in ten colors. Suited for all threaded tips, such as dental probes, PA-probes, brush holders, mirrors, etc. Desinfectable and sterilizable by using any standard procedure.

**See page 03-04 and 03-05 for all bionik Handles available!**

Handle colors of **HELMUT ZEPF** bionik Universal Handles:

See page **03-04** and **03-05** for the article numbers of all bionik Handles available.

bionik Handle, *QUICK***FIX**, double-ended, M4

**26.193.10**

bionik Handle, *QUICK***FIX**, single-ended with end cap, M4

**26.193.20**

bionik Handle, double-ended with 2 reduction inserts (M4 x 0.5 to M2.5)

**26.194.20**

bionik Handle, single-ended with end cap and reduction insert (M4 x 0.5 to M2.5)

**26.194.10**

**24.080.01** Mirror Handle, solid, stainless steel, M2.5

**24.089.02** Mirror Handle, ergonomically designed, hollow, stainless steel, M2.5

**24.086.01** Mirror Handle, hollow, stainless steel, M2.5

**26.180.06** **ZEPF**-Line Handle, single-ended, **ZEPF**-Design, for probes and mirrors, M2.5

**26.180.07** **ZEPF**-Line Handle, single-ended, **ZEPF**-Design, with endo calibration, M2.5

**26.191.01** All-Purpose Handles, plastic, M2.5
3 other colors available: **26.191.02** **26.191.03** **26.191.04**

## Mouth Mirrors

Due to the standardized thread dimensions, all mirrors available from **HELMUT ZEPF** are compatible with any handle supplied by **HELMUT ZEPF** and can of course be desinfected and sterilized by all usual methods. For fitting handles, please refer to pages **02-03** - **02-07** and for the fitting **ZEPF BIONIK** Handle, please refer to page **03-05**.

**Lipcare Mouth Mirror** acc. to Dr. Preusse

The Lipcare Mouth Mirror / Retractor Combination is distinguished by the following features:

- optimal ergonomic working for the user
- patient-friendly, atraumatic, extensive retraction of the cheek
- Titanium Mirror, Ø 24 mm, for best visibility
- possibility of preparation with all usual cleaning methods
- sterilizable up to 273° F / 134° C

**24.062.24** QTY 5
**24.062.24.** QTY 1

plane, QTY 12

**24.061.22** Ø 22 mm
**24.061.24** Ø 24 mm

plane, QTY 6

**24.079.22** Ø 22 mm
**24.079.24** Ø 24 mm

titanium-plated, QTY 12

**24.067.22** Ø 22 mm
**24.067.24** Ø 24 mm

**Cheek Holding Mirror – open shape**

The brightest and sharpest mirror in the world with optimized cheek holding. The quality features are:

- highest reflection for brilliant brightness
- superior color accuracy, without any color distortion
- precisely sharp mirror image
- scratch-resistant
- optimized cheek holding

MEGA, QTY 12

**24.071.22** Ø 22 mm
**24.071.24** Ø 24 mm

MEGAduo, QTY 6

**24.072.22** Ø 22 mm
**24.072.24** Ø 24 mm

**Back Surface**

These mirrors have their reflective coatings on their rear surfaces.

**Front Surface**

These mirrors have their reflective coating on their front surface, yielding undistorted imaging with no disturbing double images.

Handle colors of the **HELMUT ZEPF** All-purpose Handles:

**26.191.01** **26.191.03**

**26.191.02** **26.191.04**

Light, manufactured from top-quality plastic with a satin surface finish, ergonomically designed, flexible, suitable for ultrasonic cleaning, sterilizable, and compatible with any standard insert with an M2.5 metric thread.

**37.445.01** QTY 1

**Retractor** acc. to Hilger

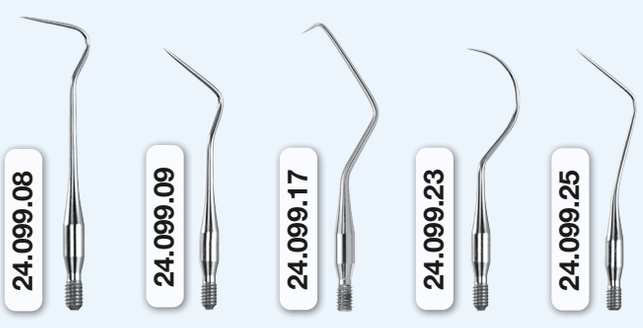
This retractor's ergonomically curved surface allows retracting cheeks and tongue under all kinds of working conditions and is also very comfortable for patients, thanks to its convex rear surface and rounded edges.

## Interchangeable Probe Tips

**Probe Tips**, interchangeable. Compatible with any standard handle with an M2.5 metric thread.

The two **ZEPF** Safety Keys to exchange tool ends are illustrated on page **03-09**.

For fitting handles, please refer to pages **02-03 - 02-07** and for the **ZEPF** BIONIK Handle, please refer to page **03-05**.




**# 8** **# 9** **# 17** **# 23** **# 25**

## ZEPF Retractor and Mouth Mirror
**acc. to Dentist Beck**

The ZEPF BIONIK Retractor and Mouth Mirror is available in two sizes, featuring a heart-shaped, ergonomic and highly polished design.
The instrument is available in size 24 and 27 mm.

**It is universally applicable as:**

- Mouth mirror, cheek or tongue retractor, mucoperiosteal flap retractor.
- Its innovative heart shape allows ergonomic adaption in all quadrants.
- Due to its reflective surface, the retractor allows an optimal illumination of the surgical site.
- The large contact surfaces make the retractor very patient-friendly.

**37.448.10**

**37.448.20**

**24.062.30**

ZEPF BIONIK Retractor and Mouth Mirror, size 1, 24 mm, ZEPF BIONIK Universal Handle, PEEK, single-ended, signal orange

**24.062.31**

ZEPF BIONIK Retractor and Mouth Mirror, size 2, 27 mm, ZEPF BIONIK Universal Handle, PEEK, single-ended, signal purple

## **ZEPF** Photography and Cheek Retractor, in the Onyx Version or stainless steel

**HELMUT ZEPF** Cheek Retractors are frequently used in intraoral photography, in extensive cheek retraction, in dental diagnostics and in surgery.
Conventional retractors are also available in plastic material. However, depending on the used plastic, these are not always entirely harmless when being prepared in the hygiene chain. Our retractors are made of stainless medical steel and fulfill all the requirements of the RKI guidelines.

The ergonomic design of the retractors guarantees an optimal handling and is well accepted by patients.

**37.457.00TI**
1/1, Scale 1:1

**37.457.00**
1/1, scale 1:2

**37.457.01TI**

**37.457.01**
1/2 left, scale 1:2

**37.457.02TI**

**37.457.02**
1/2 right, scale 1:2

## ZEPF Dental Tweezers

All **HELMUT ZEPF** Dental Tweezers have guide pins that prevent their tips from crossing.

The broader version with its shorter tips allow an application with more pressure compared to common tweezers.

**22.014.03** London College Tweezers, diamond-tipped, 15 cm

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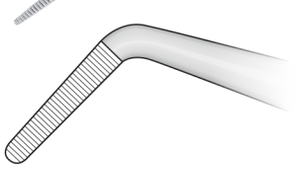

**22.011.03** London-College Tweezers, serrated long tips, 15 cm

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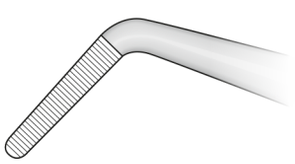
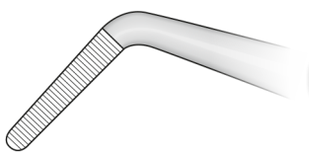


**22.051.03** Meriam Tweezers, serrated tips, 16 cm

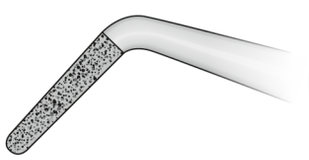
## **ZEPF** Ergonomic Dental Tweezers

Our extra comfortable **HELMUT ZEPF** Ergonomic Dental Tweezers are pleasant to hold and have been specially designed for use in extended, otherwise tiring, applications.

The broader version with its shorter tips allow an application with more pressure compared to common tweezers.



**22.025.03** grooved tips, 15 cm



**22.025.03D** diamond-tipped, 15 cm

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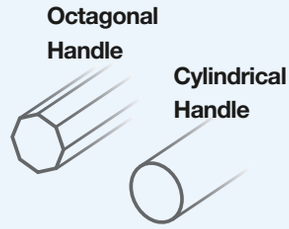
**22.024.04** London College Cotton & Dressing Pliers, modif., 15 cm, approx. 20°

## ZEPF Medical Probes

Those **HELMUT ZEPF** Probes shown in figures **8**, **9**, **17** and **23** are available in octagonal and cylindrical versions, both of which are pleasantly lightweight.
Our ergonomically designed octagonal handles are comfortable to hold, and provide precision fingertip control.
Their thin, unbreakable, yet flexible tips manufactured from special alloy steel have an extremely long service life.



**24.112.05** # 5, cylindrical handle

**24.124.06** Probe, Cow Horn, cylindrical handle

VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

reddot design award
winner 2010

# bionik

## ZEPF Periodontal Probes

The perio-diagnostics should be done regularly to have a permanent record to make sure that gingival and especially periodontal inflammations are diagnosed at an early stage.
The benefit for the patient is that either the periodontal health can be confirmed or infection is detected early. Like that suitable dental treatments can be initiated to cure the infection or to stop the progression.
With the new Contrast PA Probe Inserts an even easier visualisation is guaranteed during the examination.
The graduation (3 mm) of the probe is visible at the deepest point of the sulcus of all measuring points. Calculus or defective restoration margins cannot be detected, the gingiva is healthy, no bleeding after (careful) probing = no treatment necessary, further preventive care.
Deeper measurements (> 3 mm) indicate a gingivitis. According to the depth further evaluation and documentation must take place according to the rules of the PSI.

See page **03-12** for article numbers of the different **ZEPF** Contrast Probes.

# bionik

ZEPF

reddot design award
winner 2010

bionik **Universal Handle** made of PEEK high-tech plastic material – guarantees an ideal power transmission with formerly unknown sensitivity. The handle is available in 10 different, fresh basic colors.

yellow
signal orange
red-purple
signal purple
lightred-magenta
turquoise-brightblue
cobalt-blue
yellow green
grey
black

**bionik Universal Handle**
*QUICK***FIX**, double-ended

| | |
|---|---|
| | **26.193.01** |
| | **26.193.02** |
| | **26.193.03** |
| | **26.193.04** |
| | **26.193.05** |
| | **26.193.06** |
| | **26.193.07** |
| | **26.193.08** |
| | **26.193.09** |
| | **26.193.10** |

## QUICKFIX

All *QUICK***FIX** **Handles** have a metric thread M4 x 0.5 and are therefore compatible with the most common exchangeable inserts.

bionik **ID Plug** for an individual color coding of the handle series.
Material: PEEK high-tech plastic.

Optional, the handle is available with a different colored ID Plug.
When placing an order of bionik Handles please indicate the desired **ID-Plug** separately according to the listing below.

| | |
|---|---|
| | **26.195.01** |
| | **26.195.02** |
| | **26.195.03** |
| | **26.195.04** |
| | **26.195.05** |
| | **26.195.06** |
| | **26.195.07** |
| | **26.195.08** |
| | **26.195.09** |
| | **26.195.10** |

BIONIK
**Universal Handle single-ended**
*QUICK*FIX for all common curette and scaler tips including 1 end cap

- 26.193.11
- 26.193.12
- 26.193.13
- 26.193.14
- 26.193.15
- 26.193.16
- 26.193.17
- 26.193.18
- 26.193.19
- 26.193.20

BIONIK
**Universal Handle single-ended** for exchangeable inserts M2.5, for all common probes and mouth mirrors including 1 end cap and 1 reduction insert

- 26.194.01
- 26.194.02
- 26.194.03
- 26.194.04
- 26.194.05
- 26.194.06
- 26.194.07
- 26.194.08
- 26.194.09
- 26.194.10

BIONIK
**Reduction Insert**
to reduce thread from M4 x 0.5 to M2.5, which enables the use of a double-ended handle for probes and mouth mirrors.

BIONIK
**Universal Handle double-ended**
for exchangeable tips, M2.5, incl. 2 reduction inserts

- 26.194.11
- 26.194.12
- 26.194.13
- 26.194.14
- 26.194.15
- 26.194.16
- 26.194.17
- 26.194.18
- 26.194.19
- 26.194.20

BIONIK **End Cap** (Length 25 mm)
for using the handles as single-ended handle variants.

# Z-SHAPE RELAX

## The new generation of handles

The Z-SHAPE Relax handles have been optimally designed according to ergonomic findings as instrument holders for dental surgery, periodontal curettes and scalers.
With a total length of 100 mm, the handle fits perfectly in the hand.
As usual, the instrument tips are interchangeable due to the M4 x 0.5 mm thread. QUICKFIX
Color coding is possible using the colored titanium inserts.
The handles are available in a steel look and with the new ZEPF nanopal® coating.
With its crystalline nanostructure, the coating is characterized by a durable, very hard and impact-resistant surface.
The black, scratch-resistant surface is easy to clean and prevents unpleasant light reflections.

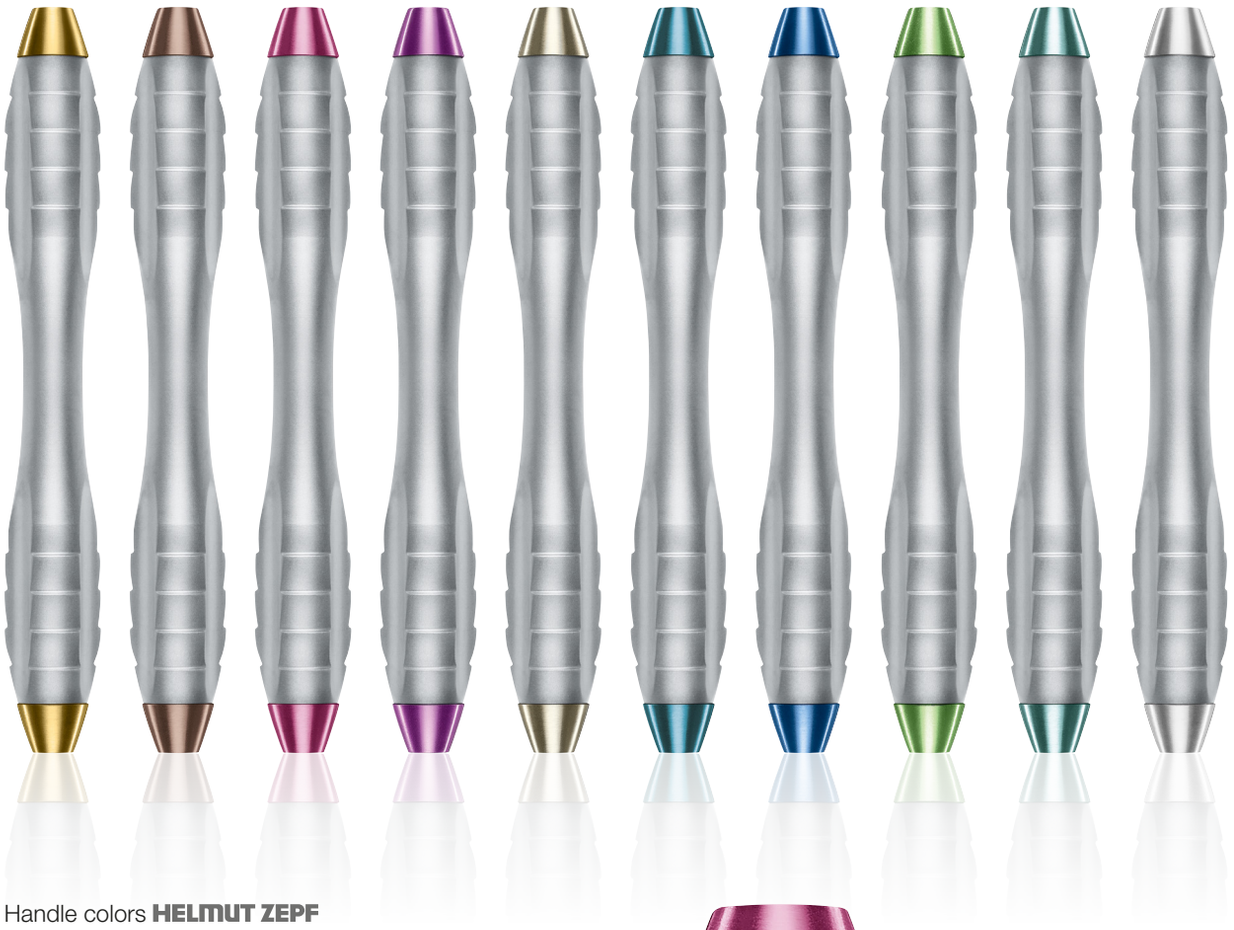
Handle colors HELMUT ZEPF Z-SHAPE Relax handles, double-ended, M4x0.5:

| | |
|---|---|
| 26.010.01OX | yellow |
| 26.010.02OX | brown |
| 26.010.03OX | violet |
| 26.010.04OX | signal purple |
| 26.010.05OX | champagne |
| 26.010.06OX | turquoise |
| 26.010.07OX | cobalt-blue |
| 26.010.08OX | yellow-green |
| 26.010.09OX | mint |
| 26.010.10OX | black |

nanopal®

# Z-SHAPE RELAX

DBGM



Handle colors **HELMUT ZEPF** Z-SHAPE Relax handles, double-ended, M4x0.5:

| | |
|---|---|
| **26.030.01** | yellow |
| **26.030.02** | brown |
| **26.030.03** | violet |
| **26.030.04** | signal purple |
| **26.030.05** | champagne |
| **26.030.06** | turquoise |
| **26.030.07** | cobalt-blue |
| **26.030.08** | yellow-green |
| **26.030.09** | mint |
| **26.030.10** | silver |

## Comparison of the handles
## with exchangeable working tips M4 x 0.5 mm

**26.180.13** ZEPF-Line, stainless steel, 100 mm

**26.181.03** ZEPF-Line, titanium, 100 mm

**26.193.10** ZEPF bionik Universal Handle, PEEK, 105 mm

**26.010.10OX** Z-SHAPE Relax handle, 100 mm

**26.030.01** Z-SHAPE Relax handle, 100 mm

# **ZEPF** Safety Keys
with and without side wings

The Safety Key holds the tips firmly in place. The side wings (only **24.755.02**) protect from potential injuries due to the extremly sharp cutting edges of the tips.

## Exchanging of Inserts



Start by screwing the tip (sharp end) carefully by hand into the handle. Make sure that only the handle is turned. Not the tip.



Pull in the tip with the **ZEPF** Safety Key. With the other end, proceed as before. To set the tips, it is better to use two Safety Keys.



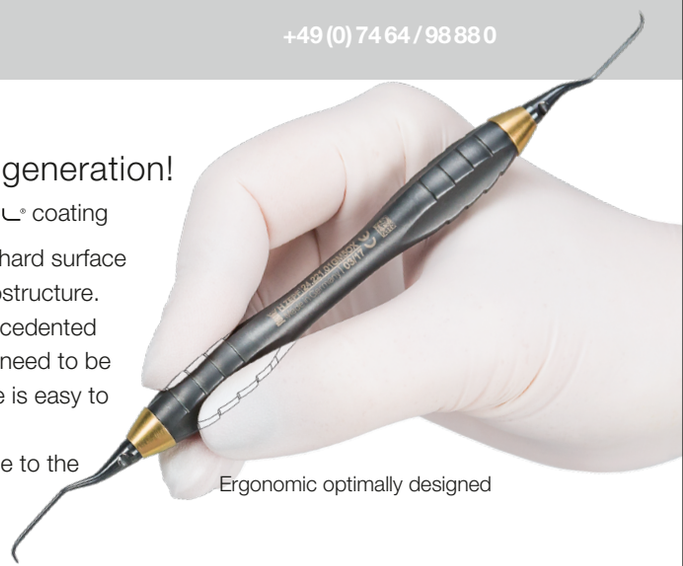
The Safety Key holds the tips firmly in place. The side wings protect from potential injuries due to the extremly sharp cutting edges of the tips.

# Z-SHAPE RELAX

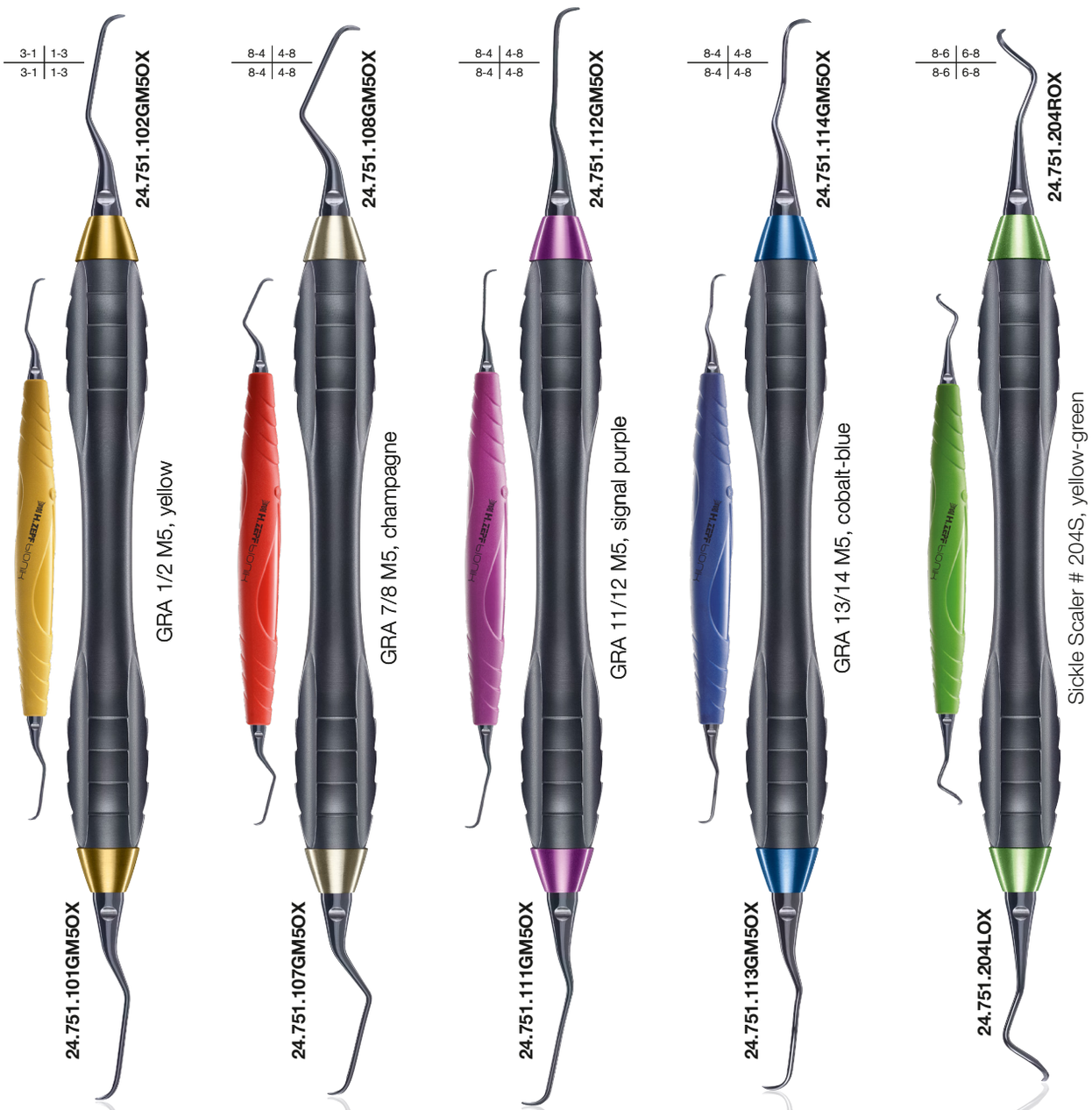
## The new handle generation!

with ZEPF nanopal® coating

The black-coated ZEPF nanopal® curettes have a durable, very hard surface which is very aggressive and sharp-edged, due to their crystalline nanostructure. With the unique coating, the surface hardness is increased to an unprecedented **4500 Vickers**. The cutting edge is thus highly tempered and does not need to be re-sharpened after each curettage. The black, scratch-resistant surface is easy to clean and prevents unpleasant light reflections.
As usual with *QUICK*FIX, the instrument tips are interchangeable due to the M4 x 0.5 mm thread.



Ergonomic optimally designed




| | | | | |
|---|---|---|---|---|
| 24.221.01GM5OX | 24.225.07GM5OX | 24.224.11GM5OX | 24.227.13GM5OX | 24.228.04SOX |
| 24.201.01GM5OX | 24.205.07GM5OX | 24.204.11GM5OX | 24.207.13GM5OX | 24.208.04SOX |
| bionik version | bionik version | bionik version | bionik version | bionik version |

## Alternative Instruments:

in Z-SHAPE or BIONIK handle
with ZEPF nanopal® coating

For the Gracey M5 Prophylaxis Set.
**Sickle Scaler**, figure 204SD and
**Sickle Curette** (Molar Scaler), figure M23A

Sickle Scaler, # 204SD, for removing dental plaque from narrow interdental spaces in the premolar and frontal area, yellow-green

Sickle Curette (Molar Scaler), # M23A for removing dental plaque from interdental spaces in the molar area. Also suitable for general use, yellow-green

**24.228.04SDOX**
**24.208.04SDOX**
BIONIK version

**24.228.23AOX**
**24.208.23AOX**
BIONIK version

## Gracey M5 Prophylaxis Set

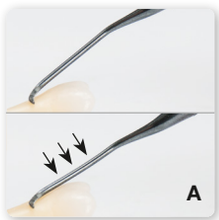
in Z-SHAPE or BIONIK handle
with ZEPF nanopal® coating

Small Instrument Set optimally compiled for Deep Scaling, consisting of M5 Gracey Curettes figures 1/2, 7/8, 11/12, 13/14 and a Sickle Scaler 204S for application in all quadrants.

**24.989.55OX**

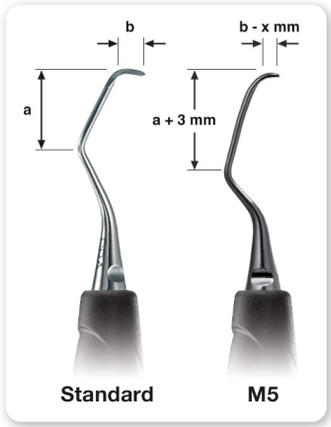
**ZEPF** Prophylaxis Set ‚M5 Deep Scaling' in Z-SHAPE RELAX handle, complete with nanopal® coating

**24.990.55OX**
BIONIK version



**A**
Adaption to the surface due to flexible shaft

**B**
Ideal grip and high cutting performance




**HELMUT ZEPF** M5 Curettes have a 1st shaft which is about 3 mm longer. The sharpened instrument tip is shortened as to allow a special subgingival curettage for tight and deep pockets as well as narrow root surfaces.

## Contrast PA Probe Inserts

The new **ZEPF** Contrast PA Probes are made of plastic material and have a flexible working tip which adapts optimally to the anatomy of the pocket depth when measuring.
Color-stable, black markings on the white basic material guarantee a very good contrast for reading.
The sterilizable, exchangeable tips are available in different common graduations.
They are suited to determine the parodontal status and especially to be used on implants. Scratching of implant surfaces is avoided with these probes.

**The tips are reusable until they bend, the color fades or the graduation is not readable any more.**

**24.451.00** **# 1**

graduation 3/6/8/11 mm
M4 x 0.5 mm, PU 12 pieces

**24.451.01** **# CPG 12**

graduation 3/6/9/12 mm
M4 x 0.5 mm, PU 12 pieces

**24.451.02** **# CPNG 22**

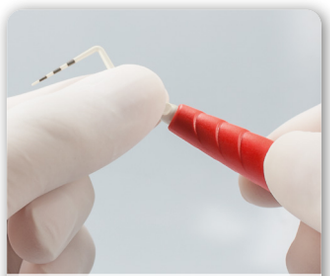
graduation 2/4/6/8/10/12 mm
M4 x 0.5 mm, PU 12 pieces

**24.451.03** **# PCPG 11.5**

graduation 3.5/5.5/8.5/11.5 mm
M4 x 0.5 mm, PU 12 pieces

**24.451.06** **# CNC**

graduation 1 - 15 in mm steps,
North Carolina
M4 x 0.5 mm, PU 12 pieces



Assembly without a tool

Flexible working tip

Packing Example

**24.451.02** **# CPNG 22**

Periodontal Probe exchangeable
graduation 2/4 /6/8/10/12 mm
M4 x 0.5 mm, PU 12 pieces

**26.193.15** BIONIK **Universal Handle single-ended**

*QUICK***FIX**, lightred-magenta, incl. 1 end cap
The handle is available in 10 different colors.
See page **03-02** and **03-03** for the article numbers of all BIONIK Handles available.

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**24.455.06** **CNC North Carolina**

Periodontal Probe exchangeable
graduation 1-15 in mm steps
M4 x 0.5 mm

**26.193.20** BIONIK **Universal Handle single-ended**

*QUICK***FIX**, black, incl. 1 end cap
The handle is available in 10 different colors.
See page **03-02** and **03-03** for the article numbers of all BIONIK Handles available.

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## Explorer 11/12

delicate, in **ZEPF** BIONIK Handle

The Explorer 11/12 with **ZEPF** BIONIK handle features delicate and pointed tips. For subgingival root examination. To explore pockets, restorations, furcations and to diagnose proximal and cervical calculus and caries.

**24.440.00** **Explorer 11/12**

double-ended, in **ZEPF** BIONIK handle, signal purple, delicate, pointed tips, angles according to Gracey 11/12

---

**24.453.15** **Furcation Probe by Nabers**

with graduation, double-ended, rolled, 5.5 mm

## Periodontal Probes

All **HELMUT ZEPF** Periodontal Probes are high-speed machined. Their tips are thus very fine and dimensionally accurate to within very high tolerances. All our PA-Probes have markings that are suitable for ultrasonic cleaning.
Our WHO Periodontal Probes have spherical tips.

**They are particularly ideal for:**

- determining papillary
- bleeding indices, and their “stops” (the balls on their tips) prevent injuries when measuring the depths of pockets, i.e., they are more atraumatic than other types of PA Probes.

WHO

**24.453.03** **CP 11.5 (WHO)**

graduation 3.5 / 5.5 / 8.5 / 11.5 mm

---

**24.453.12** **CPG 12**

graduation 3 / 6 / 9 / 12 mm

---

**24.453.22** **CPN 22**

graduation 2 / 4 / 6 / 8 / 10 / 12 mm

---

**24.453.23** **University North Carolina, CNC**

graduation 1 - 15 mm, in mm steps

## Periodontal Screening Index, PSI

For using the periodontal screening index, it is necessary to use the WHO probe. The steel ball at the distal end of the probe features a diameter of 0.5 mm.
The steel ball avoids not only injuries but allows to discover rough surfaces and edges of dental fillings. The first measurement area of the probe is a black 2 mm band, which shows the depth from 3.5 mm up to 5.5 mm.
For further information, please check the relevant description of the periodontal screening index (PSI).

**24.454.01** **CPG 12**

graduation 3/6/9/12 mm
The **ZEPF** BIONIK Handle is available in 10 different colors.
See page **03-02** and **03-03** for the article numbers of all BIONIK Handles available.

**24.454.02** **CPNG 22**

graduation 2/4/6/8/10/12 mm

**24.454.03** **CPG 11.5**

graduation 3.5/5.5/8.5/11.5 mm

**24.454.05** **Williams**

graduation 1/2/3/5/7/8/9/10 mm

**24.454.06** **CNC**

graduation 1 - 15 in mm steps, North Carolina

**24.454.06TI** **CNC**

graduation 1 - 15 in mm steps, North Carolina, titanium

## **Titanium** Periodontal Probe

North Carolina CNC, in **ZEPF** BIONIK Handle

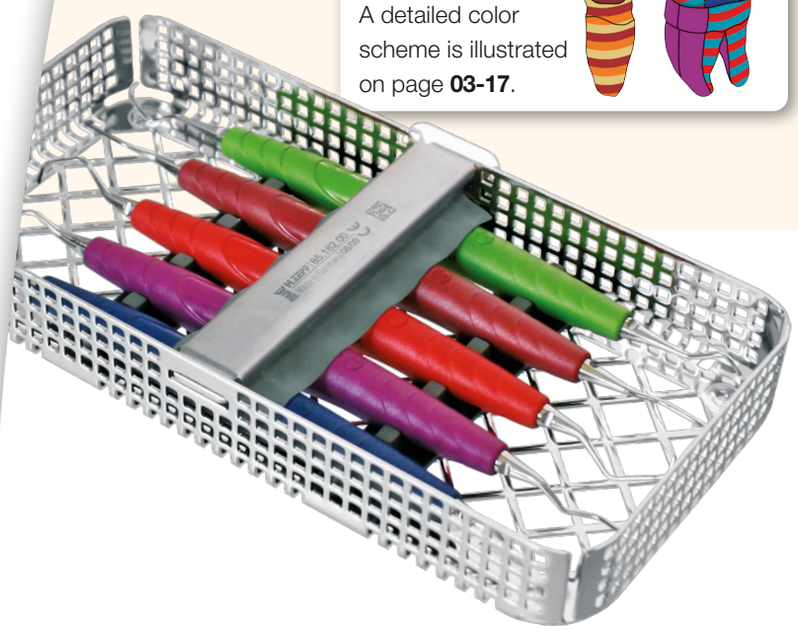
**24.216.06** Periodontal Probe, North Carolina, CNC, 1-15 mm, titanium, in BIONIK handle, single-ended, M2.5, turquoise-brightblue

**Color coding**
**ZEPF BIONIK**

A detailed color scheme is illustrated on page **03-17**.

# ZEPF BIONIK Prophylaxis-Set 'Gracey'

The four most common Gracey Curettes and one Universal Scaler are all you need for the prophylaxis in all quadrants.
All inserts are exchangeable. QUICKFIX



**24.990.50**

**ZEPF BIONIK**
Prophylaxis Set 'Gracey',
consisting of Gracey 5/6, 7/8, 11/12, 13/14, Scaler 204S and 1/3 Washtray

The set 'Gracey'
consists of the following instruments:

**24.751.105G**

5-1 | 1-5
5-1 | 1-5

**24.203.05G**

**24.751.106G**

GRA 5/6 Special Curette for front teeth / premolars, more sharply angled, red-purple

**24.751.107G**

8-4 | 4-8
8-4 | 4-8

**24.205.07G**

**24.751.108G**

GRA 7/8 Special Curette for premolars / molars, more sharply angled, lightred-magenta

**24.751.111G**

8-4 | 4-8
8-4 | 4-8

**24.204.11G**

**24.751.112G**

GRA 11/12 Special Curette for use on all mesial surfaces of premolars / molars. Skewed to allow optimal placement, signal purple

**24.751.113G**

8-4 | 4-8
8-4 | 4-8

**24.207.13G**

**24.751.114G**

GRA 13/14 Special Curette for use on all distal surfaces of premolars / molars. Skewed to allow optimal placement, cobalt blue

**24.751.204L**

8-6 | 6-8
8-6 | 6-8

**24.208.04S**

**24.751.204R**

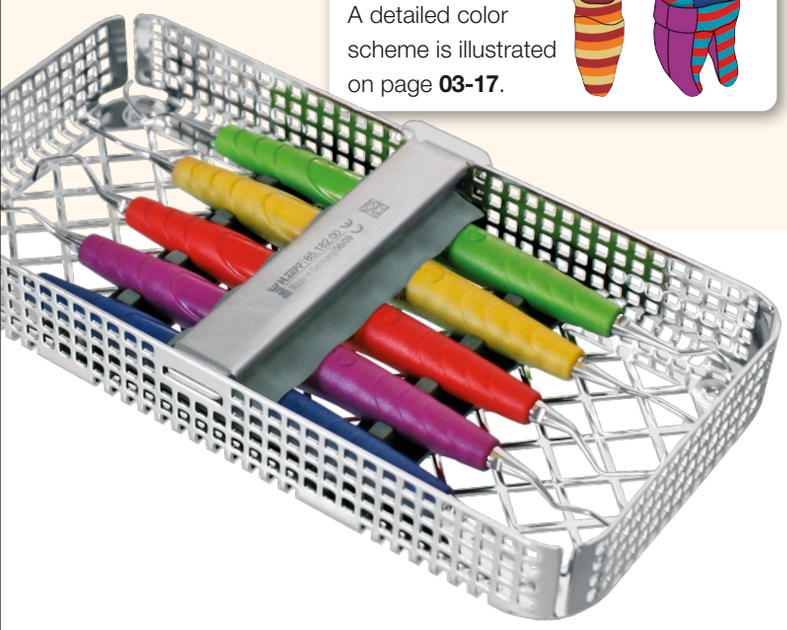
Sickle Scaler, # 204 S, for removing dental plaque from interdental spaces in the molar area, yellow-green

**Color coding ZEPF BIONIK**

A detailed color scheme is illustrated on page **03-17**.

# ZEPF BIONIK Prophylaxis Set 'M5 Deep Scaling'

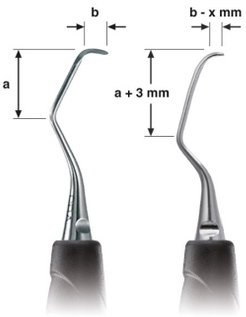
**HELMUT ZEPF** M5 Curettes have a 1st shaft which is about 3 mm longer. The sharpened instrument tip is shortened as to allow a special subgingival curettage for tight and deep pockets as well as narrow root surfaces. All inserts are exchangeable. *QUICK*FIX



**24.990.55**

**ZEPF BIONIK**
Prophylaxis Set 'M5 Deep Scaling', consisting of Gracey 1/2 M5, 7/8 M5, 11/12 M5, 13/14 M5, Scaler 204S and 1/3 Washtray

The set 'M5 Deep Scaling' consists of following instruments:



**24.751.101GM5**

3-1 | 1-3
3-1 | 1-3

**24.201.01GM5**

GRA 1/2 M5 Special Curette for front teeth, slightly angled, yellow

**24.751.102GM5**

**24.751.107GM5**

8-4 | 4-8
8-4 | 4-8

**24.205.07GM5**

GRA 7/8 M5 Special Curette for premolars/molars, more sharply angled, lightred-magenta

**24.751.108GM5**

**24.751.111GM5**

8-4 | 4-8
8-4 | 4-8

**24.204.11GM5**

GRA 11/12 M5 M5 Special Curette for use on all mesial surfaces of premolars/molars. Skewed to allow optimal placement, signal purple

**24.751.112GM5**

**24.751.113GM5**

8-4 | 4-8
8-4 | 4-8

**24.207.13GM5**

GRA 13/14 M5 Special Curette for use on all distal surfaces of premolars/molars. Skewed to allow optimal placement, cobalt blue

**24.751.114GM5**

**24.751.204L**

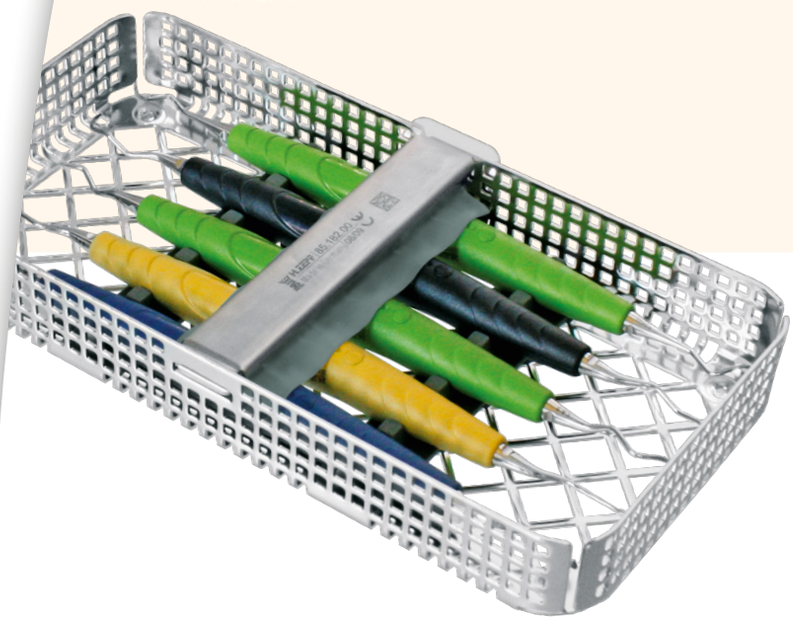
8-6 | 6-8
8-6 | 6-8

**24.208.04S**

Sickle Scaler, # 204 S, for removing dental plaque from interdental spaces in the molar area, yellow-green

**24.751.204R**

reddot design award
winner 2010



# ZEPF BIONIK Prophylaxis Set 'Universal'

Unlike Gracey Curettes, **HELMUT ZEPF** Universal Curettes have two working surfaces or cutting edges. The Universal Set allows a quick and efficient prophylaxis treatment.

**24.990.60**

**ZEPF BIONIK**
Prophylaxis Set 'Universal',
consisting of Langer 1/2, 3/4, 5/6, M23,
Universal Curette 204S and 1/3 Washtray.
*QUICK***FIX**

The 'Universal' Set
consists of the following instruments:

**24.751.101L**

- | -
8-4 | 4-8

**24.210.01L**

**24.751.102L**

**Langer**, # L 1/2,
Universal Curette for use on lower molars and premolars, black

**24.751.103L**

8-4 | 4-8
- | -

**24.208.03L**

**24.751.104L**

**Langer**, # L 3/4,
Universal Curette for use on upper molars and premolars, yellow-green

**24.751.105L**

3-1 | 1-3
3-1 | 1-3

**24.201.05L**

**24.751.106L**

**Langer**, # L 5/6,
Universal Curette for use on upper and lower front teeth, yellow

**24.751.123L**

8-4 | 4-8
8-4 | 4-8

**24.207.23**

**24.751.123R**

M 23 Universal Curette for use on upper and lower side teeth and supragingival dental plaque. Slim version, cobalt blue

**24.751.204L**

8-6 | 6-8
8-6 | 6-8

**24.208.04S**

**24.751.204R**

Sickle Scaler, # 204 S, for removing dental plaque
from interdental spaces in the molar area, yellow-green

## Langer Universal Curette # L 17/18
in **ZEPF** BIONIK Handle

The new Langer Curette # L 17/18 has the same bending as the Gracey # GRA 17/18 and thus is the perfect complement to our range of Universal Curettes.

Unlike the Gracey Curettes, Universal Curettes have two working ends / cutting edges, so that concretions on the tooth neck as well as inflamed tissue in the pockets can be removed simultaneously in one step.

The triple bend of the working ends provides optimal access, especially in the distal premolar and molar area and even when mouth opening is restricted.

**24.751.117L** **24.751.118L**

8-4 | 4-8
8-4 | 4-8

**24.207.17L** **Langer** # L 17/18, Universal Curette for use on upper and lower molars and premolars, in **ZEPF** BIONIK handle cobalt blue, inserts exchangeable

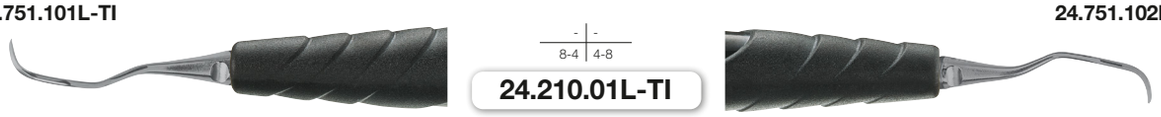
BIONIK reddot design award winner 2010

The **ZEPF** BIONIK handle is designed according to the ergonomic needs of a curettage. With *QUICK***FIX** the system for a quick and easy change of the working ends.

## Langer Universal Titanium Curettes
in **ZEPF** BIONIK handle

The Langer curettes with titanium inserts are ideal for removing attached plaque layers on the implant necks. The titanium material does not damage the surface of the implant.

**24.751.101L-TI** **24.751.102L-TI**

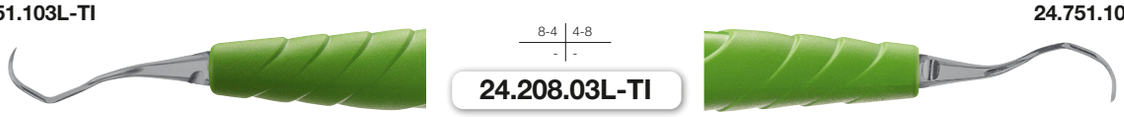


- | -
8-4 | 4-8

**24.210.01L-TI**

**Langer**, # L 1/2, Universal Curette with titanium inserts, Ø 1.05,
for use on lower molars and premolars, in **ZEPF** BIONIK handle black, exchangeable

**24.751.103L-TI** **24.751.104L-TI**

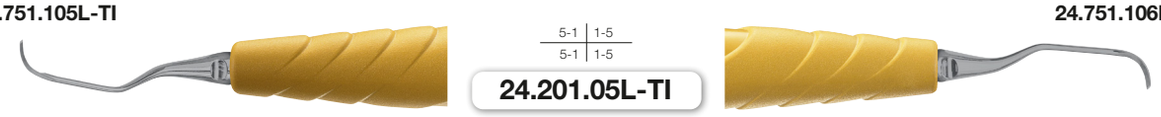


8-4 | 4-8
- | -

**24.208.03L-TI**

**Langer**, # L 3/4, Universal Curette with titanium inserts, Ø 1.05,
for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable

**24.751.105L-TI** **24.751.106L-TI**



5-1 | 1-5
5-1 | 1-5

**24.201.05L-TI**

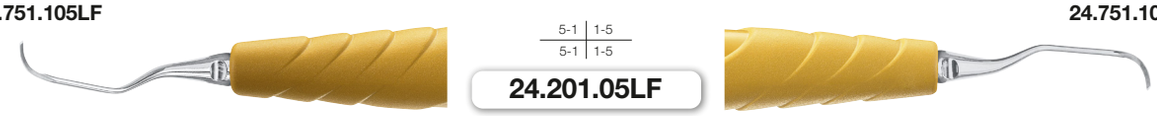
**Langer**, # L 5/6, Universal Curette with titanium inserts, Ø 1.05,
for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable

## Langer Universal Curettes, delicate version

in **ZEPF** BIONIK handle

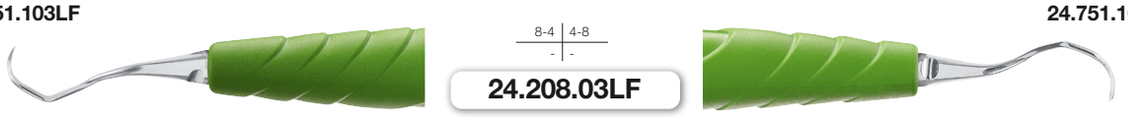
Analogous to the standard Langer Universal Curettes, the delicate versions also have two working or cutting edges, so that concretions on the tooth neck and inflamed tissue in the pockets can be removed simultaneously in one step. Due to the 0.95 mm thin, flexible and thus tactile 1st shaft, they adapt optimally to the tooth necks.

**24.751.105LF** **24.751.106LF**



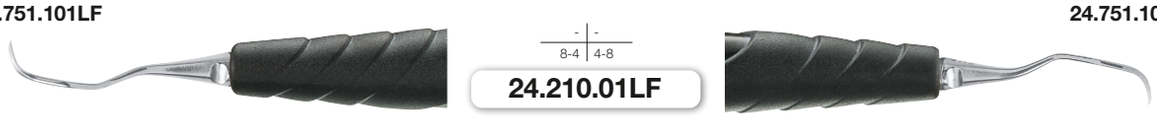

**Langer**, # L 5/6 Universal Curette, delicate version, Ø 0.95,
for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable

**24.751.103LF** **24.751.104LF**




**Langer**, # L 3/4, Universal Curette, delicate version, Ø 0.95,
for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable

**24.751.101LF** **24.751.102LF**




**Langer**, # L 1/2, Universal Curette, delicate version, Ø 0.95,
for use on lower molars and premolars, in **ZEPF** BIONIK handle black, exchangeable

## Langer Universal Curettes, delicate version with nanopal® coating

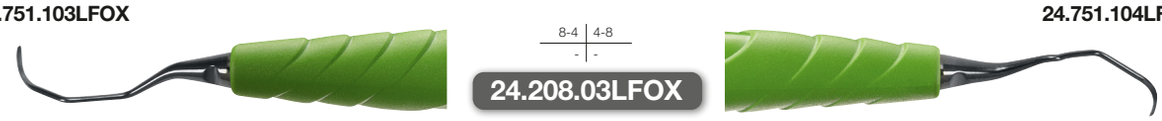
in **ZEPF** BIONIK handle

The black-coated **ZEPF** nanopal® curettes have a durable, very hard surface which is very aggressive and sharp-edged due to its crystalline nanostructure. Due to the unique coating, the surface hardness is increased to an unprecedented **4500 Vickers**.
The cutting edge is thus highly tempered and does not need to be re-sharpened after each curettage. The black, scratch-resistant surface is easy to clean and prevents unpleasant light reflections.

**24.751.105LFOX** **24.751.106LFOX**

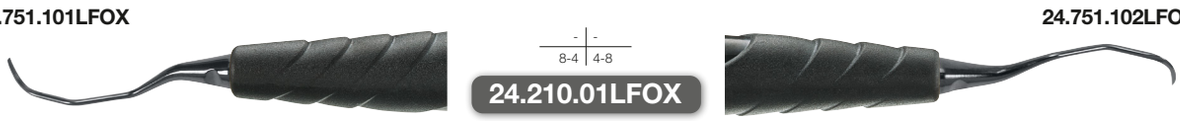
**Langer**, # L 5/6, Universal Curette with **ZEPF** nanopal® coating, delicate version,
Ø 0.95, for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable

**24.751.103LFOX** **24.751.104LFOX**




**Langer**, # L 3/4, Universal Curette with **ZEPF** nanopal® coating, delicate version,
Ø 0.95, for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable

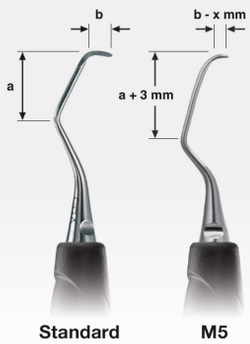
**24.751.101LFOX** **24.751.102LFOX**




**Langer**, # L 1/2 Universal Curette with **ZEPF** nanopal® coating, delicate version,
Ø 0.95, for use on lower molars and premolars, in **ZEPF** BIONIK handle black, exchangeable

## Langer M5 Universal Curettes
im **ZEPF** BIONIK Griff

The new Zepf Langer M5 universal curettes are especially suitable for deep scaling – for removing deposits on tooth or root surfaces and simultaneously removing inflamed tissue. Due to the ground working end on both sides, the M5 Langer curettes are used especially for very deep pockets – in the closed periodontosis treatment.




The 3 mm longer 1st shaft facilitates access into deep gingival pockets (deeper than 5 mm). The shortened working end allows a special subgingival curettage for narrow and deep pockets and narrow root surfaces.
Due to the 0.95 mm thin, flexible and thus tactile 1st shaft, the curettes adapt optimally to the deep-lying root.

**24.751.105LM5**

5-1 | 1-5
5-1 | 1-5

**24.201.05LM5**

**24.751.106LM5**

**Langer**, # L 5/6, M5 Curette, Ø 0.95,
for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable

**24.751.103LM5**

8-4 | 4-8
- | -

**24.208.03LM5**

**24.751.104LM5**

**Langer**, # L 3/4, M5 Curette, Ø 0.95,
for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable

**24.751.101LM5**

- | -
8-4 | 4-8

**24.210.01LM5**

**24.751.102LM5**

**Langer**, # L 1/2, M5 Curette, Ø 0.95,
for use on lower molars and premolars, in **ZEPF** BIONIK handle black, exchangeable

## Langer M5 Universal Curettes with nanopal® coating
in **ZEPF** BIONIK handle

The black-coated **ZEPF** nanopal® curettes have a durable, very hard surface which is very aggressive and sharp-edged due to its crystalline nanostructure. Due to the unique coating, the surface hardness is increased to an unprecedented **4500 Vickers**.
The cutting edge is thus highly tempered and does not need to be re-sharpened after each curettage. The black, scratch-resistant surface is easy to clean and prevents unpleasant light reflections.

**24.751.105LM5OX**

5-1 | 1-5
5-1 | 1-5

**24.201.05LM5OX**

**24.751.106LM5OX**

**Langer**, # L 5/6, M5 Curette with **ZEPF** nanopal® coating, Ø 0.95,
for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable

**24.751.103LM5OX**

8-4 | 4-8
- | -

**24.208.03LM5OX**

**24.751.104LM5OX**

**Langer**, # L 3/4, M5 Curette with **ZEPF** nanopal® coating, Ø 0.95,
for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable

**24.751.101LM5OX**

- | -
8-4 | 4-8

**24.210.01LM5OX**

**24.751.102LM5OX**

**Langer**, # L 1/2 M5 Curette with **ZEPF** nanopal® coating, Ø 0.95,
for use on lower molars and premolars, in **ZEPF** BIONIK handle black, exchangeable

ZEPF care SYSTEM

## Washtrays to organize your hand instruments

For more information see chapter 10

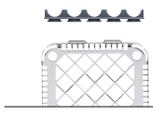
**Examples of use**

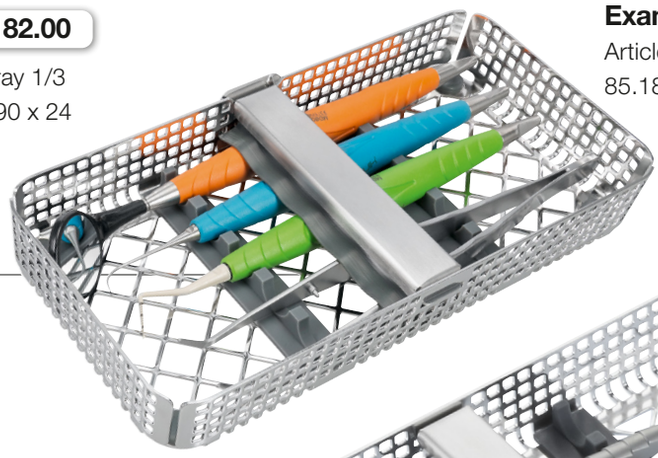
Articles 85.180.00, 85.181.00 and 85.182.00 do not contain instruments.

1/3 **85.182.00**

Washtray 1/3

178 x 90 x 24

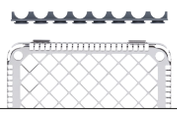


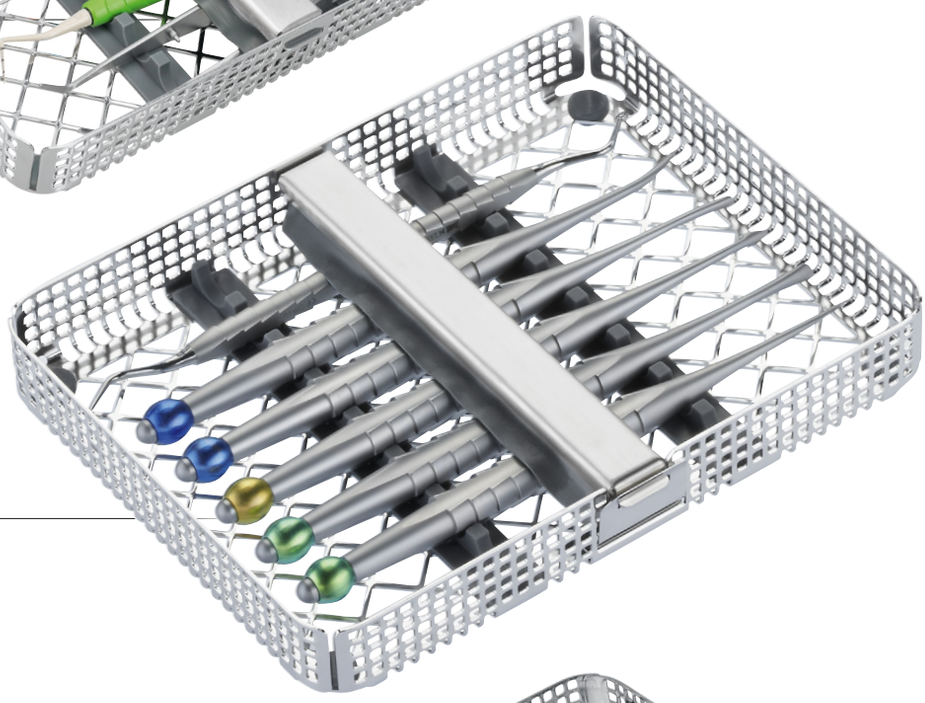


1/2 **85.181.00**

Washtray 1/2

178 x 135 x 24

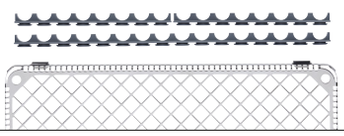


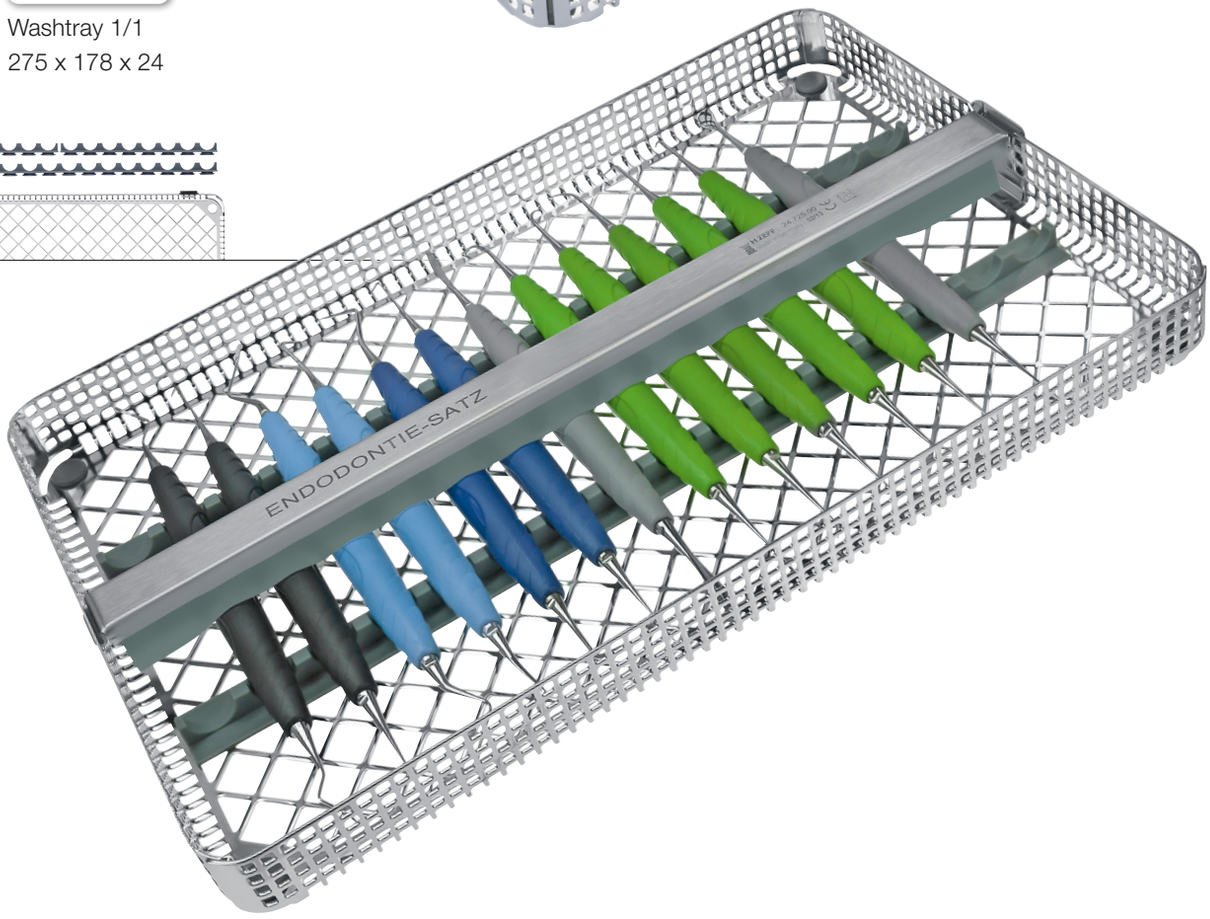


1/1 **85.180.00**

Washtray 1/1

275 x 178 x 24





24.990.35

## ZEPF BIONIK Prophylaxis Set 'Bionik'

**ZEPF BIONIK**
Prophylaxis Set 'Bionik', consisting of Gracey 5/6, 7/8, 11/12, 13/14, Hygienist 6/7, Scaler 204S, PA Probe CPG 12 with BIONIK Universal Handle and 1/2 Washtray. *QUICK*FIX

The 'Bionik' Set consists of the following instruments:

**24.454.01** **CPG 12**
graduation 3/6/9/12 mm

**26.194.06** BIONIK Universal Handle, PEEK, for exchangeable inserts, single-ended, turquoise-brightblue

**24.751.105G**

5-1 | 1-5
5-1 | 1-5
**24.203.05G**

**24.751.106G**

GRA 5/6 Special Curette for front teeth/premolars, more sharply angled, red-purple

**24.751.107G**

8-4 | 4-8
8-4 | 4-8
**24.205.07G**

**24.751.108G**

GRA 7/8 Special Curette for premolars/molars, more sharply angled, lightred-magenta

**24.751.111G**

8-4 | 4-8
8-4 | 4-8
**24.204.11G**

**24.751.112G**

GRA 11/12 Special Curette for use on all mesial surfaces of premolars/molars. Skewed to allow optimal placement, signal purple

**24.751.113G**

8-4 | 4-8
8-4 | 4-8
**24.207.13G**

**24.751.114G**

GRA 13/14 Special Curette for use on all distal surfaces of premolars/molars. Skewed to allow optimal placement, cobalt blue

**24.751.107H**

5-1 | 1-5
5-1 | 1-5
**24.208.06H**

**24.751.106H**

**Hygienist**, # H 6/7, Sickle Scaler, with opposed tips, for front teeth and premolars, yellow-green

**24.751.204L**

8-6 | 6-8
8-6 | 6-8
**24.208.04S**

**24.751.204R**

Sickle Scaler, # 204 S, for removing dental plaque from interdental spaces in the molar area, yellow-green

reddot design award
winner 2010

# ZEPF BIONIK Gracey Special Curettes

**HELMUT ZEPF** Gracey Curettes are special Curettes that have just a single working surface or cutting edge, and are thus suitable for removing concrementations or dental plaque only.

The **ZEPF** BIONIK Handles are available in 10 different colors.

See page **03-02** and **03-03** for article numbers of the different color and handle versions.

QUICKFIX

3-1 | 1-3
3-1 | 1-3

GRA 1/2 Special Curette for front teeth, slightly angled, yellow

**24.201.01G**

5-1 | 1-5
5-1 | 1-5

GRA 3/4 Special Curette for front teeth/premolars, slightly angled, signal orange

**24.202.03G**

5-1 | 1-5
5-1 | 1-5

GRA 5/6 Special Curette for front teeth/premolars, more sharply angled, red-purple

**24.203.05G**

8-4 | 4-8
8-4 | 4-8

GRA 7/8 Special Curette for premolars/molars, more sharply angled, lightred-magenta

**24.205.07G**

8-4 | 4-8
8-4 | 4-8

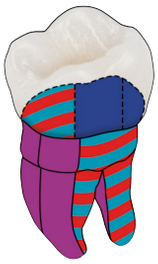
GRA 9/10 Special Curette for premolars/molars, very sharply angled, turquoise-brightblue

**24.206.09G**

# Color Coding ZEPF bionik Gracey Special Curettes

## Incisors / Canines

- **GRA 1/2** — 3-1 | 1-3 / 3-1 | 1-3
- **GRA 3/4** — 5-1 | 1-5 / 5-1 | 1-5
- **GRA 5/6** — 5-1 | 1-5 / 5-1 | 1-5



## Premolars / Molars

- **GRA 7/8** — 8-4 | 4-8 / 8-4 | 4-8
  buccal / lingual
- **GRA 9/10** — 8-4 | 4-8 / 8-4 | 4-8
  buccal / lingual
- **GRA 11/12** — 8-4 | 4-8 / 8-4 | 4-8
  mesial
- **GRA 13/14** — 8-4 | 4-8 / 8-4 | 4-8
  distal
- **GRA 15/16** — 8-4 | 4-8 / 8-4 | 4-8
  mesial
- **GRA 17/18** — 8-4 | 4-8 / 8-4 | 4-8
  distal

8-4 | 4-8 / 8-4 | 4-8

GRA 11/12 Special Curette for use on all mesial surfaces of premolars / molars. Skewed to allow optimal placement, signal purple

**24.204.11G**

8-4 | 4-8 / 8-4 | 4-8

GRA 13/14 Special Curette for use on all distal surfaces of premolars / molars. Skewed to allow optimal placement, cobalt blue

**24.207.13G**

8-4 | 4-8 / 8-4 | 4-8

GRA 15/16 Special Curette for use on all mesial surfaces of premolars / molars. Skewed like 13/14, opposite working surface, signal purple

**24.204.15G**

8-4 | 4-8 / 8-4 | 4-8

GRA 17/18 Special Curette for use on premolars / molars. Triple-skewed for optimal access to distal surfaces or deep pockets. Provides good access, even when mouth openings are restricted, cobalt blue

**24.207.17G**

reddot design award
winner 2010

# ZEPF BIONIK Universal Curettes

Unlike Gracey Curettes, **HELMUT ZEPF** Universal Curettes have two working surfaces or cutting edges, and thus allow using the same instrument on mesial and distal surfaces.
All inserts are exchangeable.
The **ZEPF** BIONIK Handles are available in 10 different colors.
See page **03-02** and **03-03** for the article numbers of all BIONIK Handles available.
*QUICK*FIX

3-1 | 1-3
3-1 | 1-3

**Columbia University**, # CU 2R/2L,
Universal Curette for use on all front teeth, cobalt blue

**24.207.02C**

8-1 | 1-8
8-1 | 1-8

**Columbia University**, # CU 13/14,
Universal Curette suitable for all types of use, cobalt blue

**24.207.13C**

8-4 | 4-8
8-4 | 4-8

**Columbia University**, # CU 4R/4L,
Universal Curette for use on all side teeth, cobalt blue

**24.207.04C**

8-1 | 1-8
8-1 | 1-8

**McCall**, # MC 13S/14S, Scaler for use on interdental spaces
on front teeth and premolars, cobalt blue

**24.207.13MC**

8-1 | 1-8
8-1 | 1-8

**McCall**, # MC 17S/18S,
Universal Curette for use on molars, cobalt blue

**24.207.17MC**

**24.207.17MC** M 23 Scaler for use on upper and lower side teeth and supragingival dental plaque. Slim version, cobalt blue

24.751.123L

24.751.123R

8-4 | 4-8
8-4 | 4-8

- | -
8-4 | 4-8

24.751.101L

24.751.102L

**Langer**, # L 1/2,
Universal Curette for use on lower molars and premolars, black

**24.210.01L**

8-4 | 4-8
- | -

24.751.103L

24.751.104L

**Langer**, # L 3/4,
Universal Curette for use on upper molars and premolars, yellow-green

**24.208.03L**

3-1 | 1-3
3-1 | 1-3

24.751.105L

24.751.106L

**Langer**, # L 5/6,
Universal Curette for use on upper and lower front teeth, yellow

**24.201.05L**

8-1 | 1-8
8-1 | 1-8

24.751.117L

24.751.118L

**Langer**, # L 17/18,
Universal Curette, cobalt blue

**24.207.17L**

reddot design award
winner 2010

# ZEPF BIONIK Universal Titanium Curettes

Universal Curettes with exchangeable, very delicate titanium inserts from **HELMUT ZEPF**, to remove the accumulated plaque film on the implant necks.
The titanium inserts are exchangeable.
The **ZEPF BIONIK** Handles are available in 10 different colors.
See page **03-02** and **03-03** for article numbers of the different color and handle versions. *QUICK*FIX

- | -
8-4 | 4-8

**Langer**, # L 1/2, Universal Curette
for use on lower molars and premolars, black

**24.210.01L-TI**

8-4 | 4-8
- | -

**Langer**, # L 3/4, Universal Curette
for use on upper molars and premolars, yellow-green

**24.208.03L-TI**

3-1 | 1-3
3-1 | 1-3

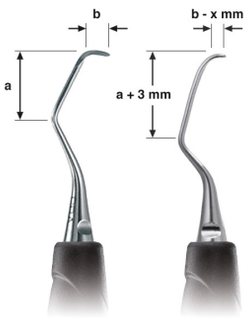
**Langer**, # L 5/6, Universal Curette
for use on upper and lower front teeth, yellow

**24.201.05L-TI**

8-4 | 4-8
8-4 | 4-8

**Columbia University**, # CU 4R/4L,
Universal Curette for use on all side teeth, cobalt blue

**24.207.04C-TI**




# ZEPF BIONIK M5 Titanium Curettes

**HELMUT ZEPF** M5 Curettes have a 1st shaft which is about 3 mm longer.
To remove the accumulated plaque film on the implant necks.
The titanium inserts are exchangeable.
The **ZEPF** BIONIK Handles are available in 10 different colors.
See page **03-02** and **03-03** for article numbers of the different color and handle versions. *QUICK*FIX

3-1 | 1-3
3-1 | 1-3

GRA 1/2 M5 Special Curette,
for front teeth, slightly angled, yellow

**24.201.01GM5-TI**

8-4 | 4-8
8-4 | 4-8

GRA 7/8 M5 Special Curette,
for premolars/molars, more sharply angled, lightred-magenta

**24.205.07GM5-TI**

8-4 | 4-8
8-4 | 4-8

GRA 11/12 M5 Special Curette, for use on all mesial
surfaces of premolars/molars. Skewed to allow optimal placement, signal purple

**24.204.11GM5-TI**

8-4 | 4-8
8-4 | 4-8

GRA 13/14 M5 Special Curette, for use on all distal
surfaces of premolars/molars. Skewed to allow optimal placement, cobalt blue

**24.207.13GM5-TI**

reddot design award
winner 2010

## ZEPF BIONIK Scaler

**HELMUT ZEPF** Sickle Scalers have ultrafine tips for supragingival use. Unlike Jacquette scalers, they have curved facial surfaces. With blunt tips, for general use.
All inserts are exchangeable.
The **ZEPF** BIONIK Handles are available in 10 different colors.
See page **03-02** and **03-03** for article numbers of the different color and handle versions.
*QUICK***FIX**

3-1 | 1-3
3-1 | 1-3

**24.751.130**

**24.751.131**

Scaler for use on front teeth, yellow-green

**24.208.30S**

5-1 | 1-5
5-1 | 1-5

**24.751.107H**

**24.751.106H**

**Hygienist**, # H 6/7, Sickle Scaler with opposed tips, for front teeth and premolars, yellow-green

**24.208.06H**

5-1 | 1-5
5-1 | 1-5

**24.751.107HF**

**24.751.106HF**

**Hygienist**, # H 6/7, Sickle Scaler with opposed tips, very fine version, for front teeth and premolars, yellow-green

**24.208.06HF**

8-1 | 1-8
8-1 | 1-8

**24.751.102CI**

**24.751.103CI**

**Mini-Kaplan**, # CI 2/3, Sickle Scaler with large facial surfaces matched to tooth contours for removing massive accumulations of dental plaque or plastic, cement, or adhesive residues from all interdental spaces, yellow-green

**24.208.02CI**

8-1 | 1-8
8-1 | 1-8

**24.751.135UL**

**24.751.135UR**

Sickle Scaler, # U 135, with small facial surfaces matched to tooth contours for use in all interdental spaces, yellow-green

**24.208.35U**

**24.209.04GX** Sickle Curette (Scaler), # GXC 4,
with blunt tips for general use, grey

**24.751.104XL**

**24.751.104XR**

8-1 | 1-8
8-1 | 1-8

8-1 | 1-8
8-1 | 1-8

**24.751.102TA**

**24.751.103TA**

**24.208.02T**

**Taylor**, # T 2/3, medium-sized Scaler with facial surfaces matched to tooth contours for use in all interdental spaces, yellow-green

8-6 | 6-8
8-6 | 6-8

**24.751.204L**

**24.751.204R**

**24.208.04S**

Sickle Scaler, # 204 S, for removing dental plaque from interdental spaces in the molar area, yellow-green

5-1 | 1-5
5-1 | 1-5

**24.751.204LD**

**24.751.204RD**

**24.208.04SD**

Sickle Scaler, # 204 SD, for removing dental plaque from narrow interdental spaces in the premolar and frontal area, yellow-green

8-1 | 1-8
8-1 | 1-8

**24.751.123AL**

**24.751.123AR**

**24.208.23A**

Sickle Curette (Molar Scaler), # M 23A, for removing dental plaque from interdental spaces in the molar area. Also suitable for general use, yellow-green

## Special Curettes

3-1 | 1-3
3-1 | 1-3

GRA 1/2
for use on front teeth, slightly angled

**24.551.01**

5-1 | 1-5
5-1 | 1-5

GRA 3/4
for use on front teeth/premolars, slightly angled

**24.551.03**

5-1 | 1-5
5-1 | 1-5

GRA 5/6
for use on front teeth/premolars, more sharply angled

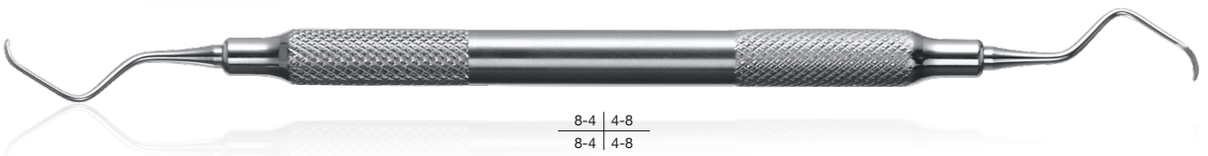
**24.551.05**

8-4 | 4-8
8-4 | 4-8

GRA 7/8
for use on premolars/molars, buccal/lingual, more sharply angled

**24.551.07**

**24.551.09** GRA 9/10 for use on premolars/molars, buccal/lingual, very sharply angled



8-4 | 4-8
8-4 | 4-8

8-4 | 4-8
8-4 | 4-8

GRA 11/12
for use on all mesial surfaces of premolars/molars.
Skewed to allow optimal placement on dental surfaces

**24.551.11**

8-4 | 4-8
8-4 | 4-8

GRA 13/14
for use on all distal surfaces of premolars/molars.
Skewed to allow optimal placement on dental surfaces

**24.551.13**

8-4 | 4-8
8-4 | 4-8

GRA 15/16
for use on premolars/molars. Like 13/14, skewed,
but with working surfaces also skewed in order to allow handling mesial surfaces

**24.551.15**

8-4 | 4-8
8-4 | 4-8

GRA 17/18
for use on premolars/molars. Triple-skewed for optimal access to distal surfaces or
deep pockets. Provides good access, even when mouth openings are restricted

**24.551.17**

## Universal Curettes

| - | - |
|---|---|
| 8-4 | 4-8 |

# L 1/2

**Langer** Curette, for use on lower molars and premolars

**24.553.01**

| 8-4 | 4-8 |
|---|---|
| - | - |

# L 3/4

**Langer** Curette, for use on upper molars and premolars

**24.553.03**

| 3-1 | 1-3 |
|---|---|
| 3-1 | 1-3 |

# L 5/6

**Langer** Curette, for use on upper and lower front teeth

**24.553.05**

# Scaler

8-6 | 6-8
8-6 | 6-8

24.551.24S

# 204S

Sickle Scaler for removing dental plaque from interdental spaces in the molar area

5-1 | 1-5
5-1 | 1-5

24.561.67

# H 6/7

**Hygienist**, Sickle Scaler with opposed tips, and thus for suitable use on both mesial and distal surfaces on front teeth and premolars

5-1 | 1-5
5-1 | 1-5

24.565.33

# H 5/33

Scaler, double-ended, **Towner** / **Jacquette**

## Hirschfeld Periodontic Files

For removing very hard dental plaque, concrementations, and deposits on root surfaces and for smoothing.

# 3/7, buccal and lingual

**24.488.01**

# 5/11, mesial and distal

**24.488.02**

## Gingivectomy Knives

**Gingivectomy Knife,** # K 15/16

**Kirkland** type. The concave sections of their contoured blades are particularly ideal for use in retromolar areas, while their tips are particularly ideal for use in interdental spaces in molar areas

**24.437.01**

**Gingivectomy Knife,** # GF7

**Goldman-Fox**, for long, diagonal, cutting paths. Their drop-shaped tips allow their use in retromolar areas as well

**24.437.02**

**Gingivectomy Knife,** # GF3

**Goldman-Fox**, lance-shaped, cutter for use in interdental spaces

**24.437.03**



**Gingivectomy Knife,** # GF11

**Goldman-Fox**, for use in the molar area. Sharply angled tips. Their very flat, long and slim lance-shaped handle allow fine cuts/incisions

**24.437.04**



**Gingivectomy Knife,** # 3/4

**Merrifield** type. Their flat, pointed, elliptical tips allow rapid and accurate rolling all the way from the ends of its tips down to the ends of their concave sections

**24.437.07**

## Periodontal Chisels

**Ch Fedi 1,** working tips 1.5 mm

24.493.01

**Ch Fedi 2,** working tips 2.5 mm

24.493.02

**Ch Fedi 3,** working tips 3.5 mm

24.493.03

**Ochsenbein,** Chisels, # 1, 4 mm

24.490.01

**Ochsenbein,** Chisels, # 2, 4 mm

24.490.02

**Back Action Chisels,** working tips 3 / 4 mm

24.495.01



**Back Action Chisels,** working tips 4 / 5 mm

24.495.02



**Back Action Chisels,** working tips 3 / 5 mm

24.495.03



**Ochsenbein,** # 3, working tips 1.5 mm

24.491.01



**Ochsenbein,** # 4, working tips 4 mm

24.491.02



**Rhodes Back Action Chisels, straight,** # 36/37, working tips 4.3 mm

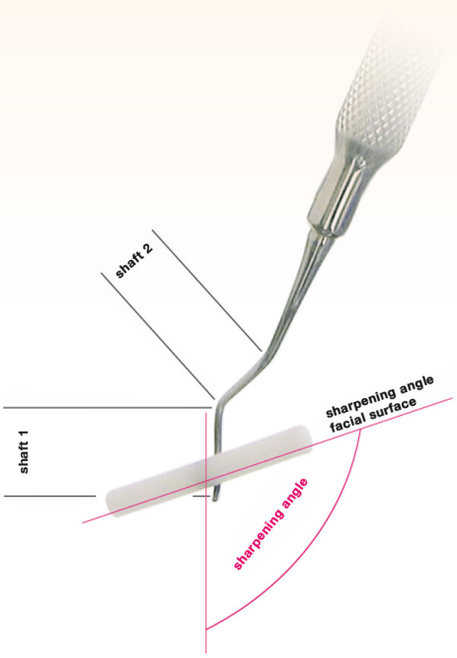
This periodontic Chisel is ideally suited to remove bone materials, as well as contouring bones

24.494.00

**24.926.10**

**Magnetic Sticks**

Once the first shaft is fixed in a right angle (use a vise with “Rounded Swing Head” for this purpose) the magnet stick is placed onto the facial surface. This will be carried out automatically. In so doing, you achieve the sharpening angle simply and accurately. As such you can now sharpen the curettes with precision.
Best results can be obtained with Natural Stone (Original Arkansas) and wetting slightly with Sharpening Oil 24.950.00.



**24.926.75**

**Test Probe, Acryl Glass**
76 x 6 mm,
PU = 6 pieces

**24.950.00**

**Sharpening Oil** 100 ml,
for Original **ZEPF** and
Arkansas Stones

**24.951.01**

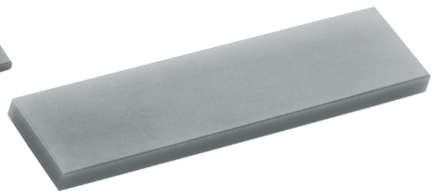
**Vise**
Vise on a ball socket, revolving in all directions, for installing on table with screw.

## Original Arkansas Sharpening Stones

**Original Arkansas Stone**
The diameter of the Original Arkansas Stone is designed to fit the contour of the working ends of our luxation elevator 17.006.01 to 04 and those of our **ZEPF** Xtool-Elevator 17.007.01 to 07.
So do sharpen your luxation elevators regularly! The best results can be obtained in combination with our Sharpening Oil 24.950.00.

**24.914.10**
100 x 10/1 mm, conical

**24.914.25**
115 x 45 x 10/3 mm, wedge shape



**24.916.10**
100 x 25 x 6 mm, flat

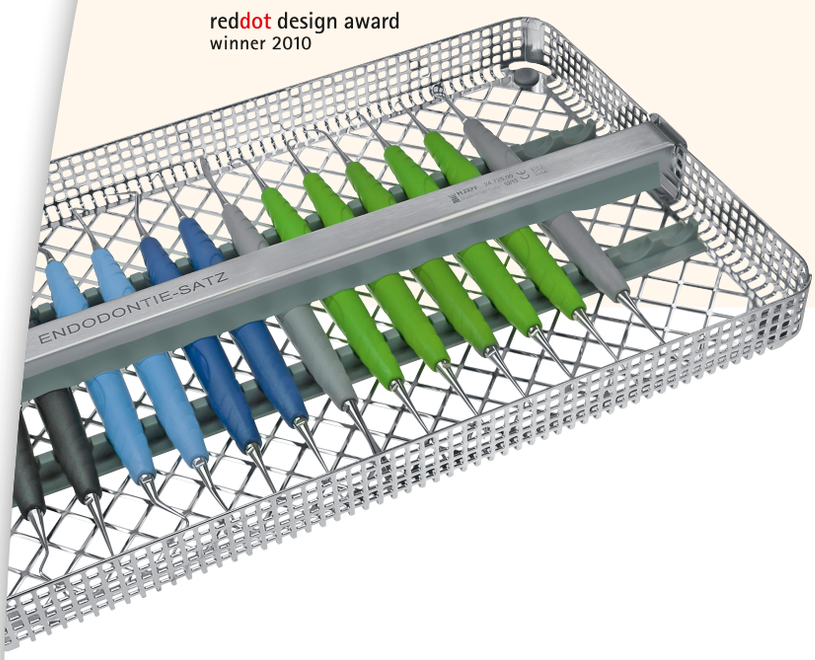
**24.918.15**
115 x 40 x 10-2 mm, conical

**24.923.10**
110 x 10 mm, round

## 'India' Sharpening Stone

**24.919.15** 'India' multiform
125 x 40 x 10-2 mm, conical, fine

reddot design award
winner 2010




## ZEPF BIONIK Endo Set

The **HELMUT ZEPF** Endo Set contains extremely fine working tips to ensure a safe access to the delicate root apex.

The **ZEPF** BIONIK Handle is available in 10 different colors. See page **03-02** and **03-03** for article numbers of the different color and handle versions. *QUICK*FIX

**24.725.00**

**ZEPF** BIONIK
Complete Kit for the retrograde microsurgical technique in the endodontic field, incl. washtray

The'Endo' Set
consists of the following instruments:

**24.751.113C**

**24.725.05**

Columbia, Universal Curette 13/14

**24.751.114C**

**24.751.110**

**24.725.07**

Scaler, double-ended, tip 45 ° / 90 °

**24.751.111**

**24.751.112L**

**24.725.08**

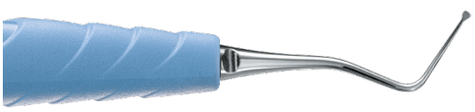
Excavator surgical, double-ended, angled 1.4 mm, flat

**24.751.112R**

**24.751.113L**

**24.725.09**

Excavator surgical, double-ended, angled 1.2 mm, round



**24.751.113R**

**24.751.105**

**24.725.20**

Explorer, double-ended, # 16 and # 9

**24.751.104**

**24.751.109**

**24.725.21**

Micro Explorer, double-ended, tip 45° / 90°

**24.751.108**

**24.751.148**

**24.725.58**

Raspatory, double-ended

**24.751.149**

**24.751.169**

**24.725.70**

Retro-Instrument, plugger Ø 1.5 mm, spatula

**24.751.168**

**24.751.167**

**24.725.71**

Retro-Instrument, plugger Ø 1.5 mm, spatula

**24.751.169**

**24.751.170**

**24.725.72**

Retro-Instrument, plugger Ø 0.8 / Ø 0.5 mm, 130 °, micro plugger

**24.751.172**

**24.751.171**

**24.725.73**

Retro-Instrument, plugger Ø 0.8 / Ø 0.5 mm, 130 °, micro plugger

**24.751.172**

**24.751.172**

**24.725.74**

Retro-Instrument, plugger Ø 0.8 / Ø 0.5 mm, 65°, micro plugger

**24.751.173**

**24.751.153**

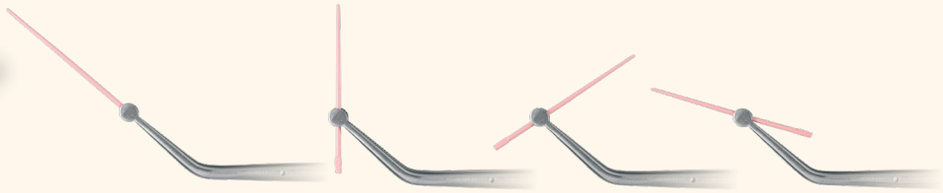
**24.725.86**

Combined Instrument, Raspatory-Scalpel-Dissection Tip

**24.751.179**

## Anatomical Plate Forceps

for all Endo purposes



**Anatomical Plate Forceps** acc. to Dr. Dirk **Brozio**

The full area contact generated by compressing the tweezers, ensures a safe support in each gripping angle. The Plate Forceps are featuring a much higher safety when gripping, holding and positioning fine and delicate objects. This problem has been solved by the patented design of the Plate Forceps as their working tips have circular surfaces with additional serrations inside. Easy and relaxed handling due to low holding forces to allow a safe and fast treatment.

**22.107.21** **Anatomic Plate Forceps** 180 mm

**22.031.08** **London-College** 150 mm

**19.561.13**

**Nerve-Canal Pliers**

Nerve-Canal Pliers for grasping fractured root-canal instruments or silver pins.
The very fine, concave cutout on the working tip allows to remove even deep-lying fractured files.

**19.649.60**

**Surgical Aspirator**

with Luer Connector, curved, optimal for Endo-Tips, 175 mm long, Ø 4.2 mm

**24.074.13** Ø 3.0 mm

**24.074.15** Ø 5.0 mm

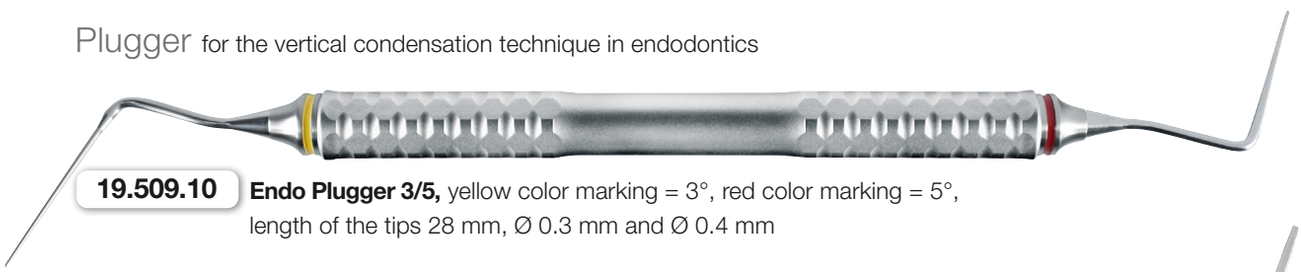
## Micro Mirrors

Micro Mirror with rhodium front surface coating, for a distortion-free mirror image, without double reflection.
The Micro Mirrors are excellent aids in microsurgery and endodontics.
Suitable for usage with enlarging glasses or OP-Microscopes.

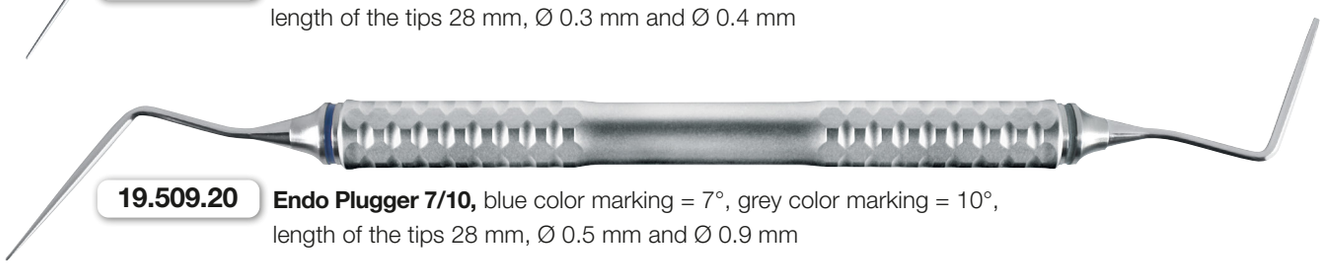
All mirrors fit into commercially available mouth mirror handles with a diameter of M 2.5 mm **(see pages 02-03 - 02-07)**.

**24.074.16** 7.0 x 2.0 mm

## Plugger for the vertical condensation technique in endodontics



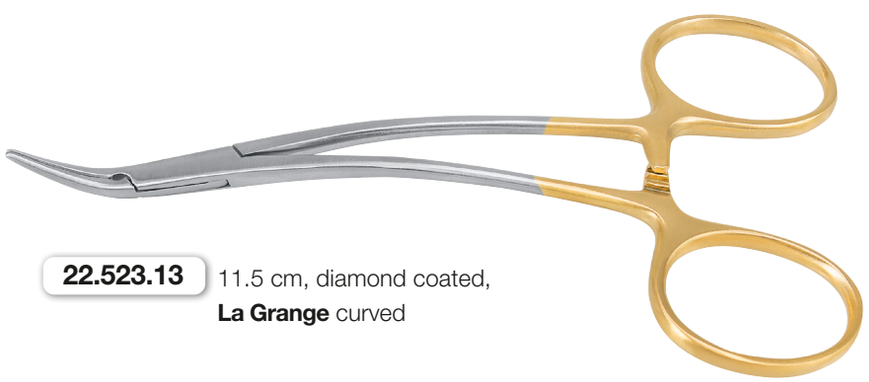
**19.509.10** **Endo Plugger 3/5,** yellow color marking = 3°, red color marking = 5°, length of the tips 28 mm, Ø 0.3 mm and Ø 0.4 mm



**19.509.20** **Endo Plugger 7/10,** blue color marking = 7°, grey color marking = 10°, length of the tips 28 mm, Ø 0.5 mm and Ø 0.9 mm

## Peet Splinter Forceps

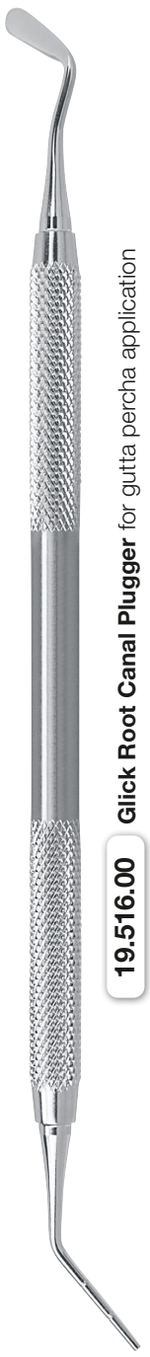
The Peet Splinter Forceps is a clamp with perfect grip due to diamond coating. The universal S-curve, as known from La Grange Scissors, makes it particularly flexible in usage.



**22.523.13** 11.5 cm, diamond coated, **La Grange** curved

## Root Canal Instruments

All figures are very flexible.



**19.516.00** **Glick Root Canal Plugger** for gutta percha application

**19.521.00** **Root Canal Explorer DG 16** double-ended, round handle

## Universal Handle Endo-Control

acc. to Dr. Carsten Franke

Due to its laser-marked measuring scale, the **HELMUT ZEPF** Endo-Control Mouth Mirror Handle allows a simple determination of the required working length. The measuring precision can be adjusted to 0.5 mm. The sandblasted surface reduces surface reflections.

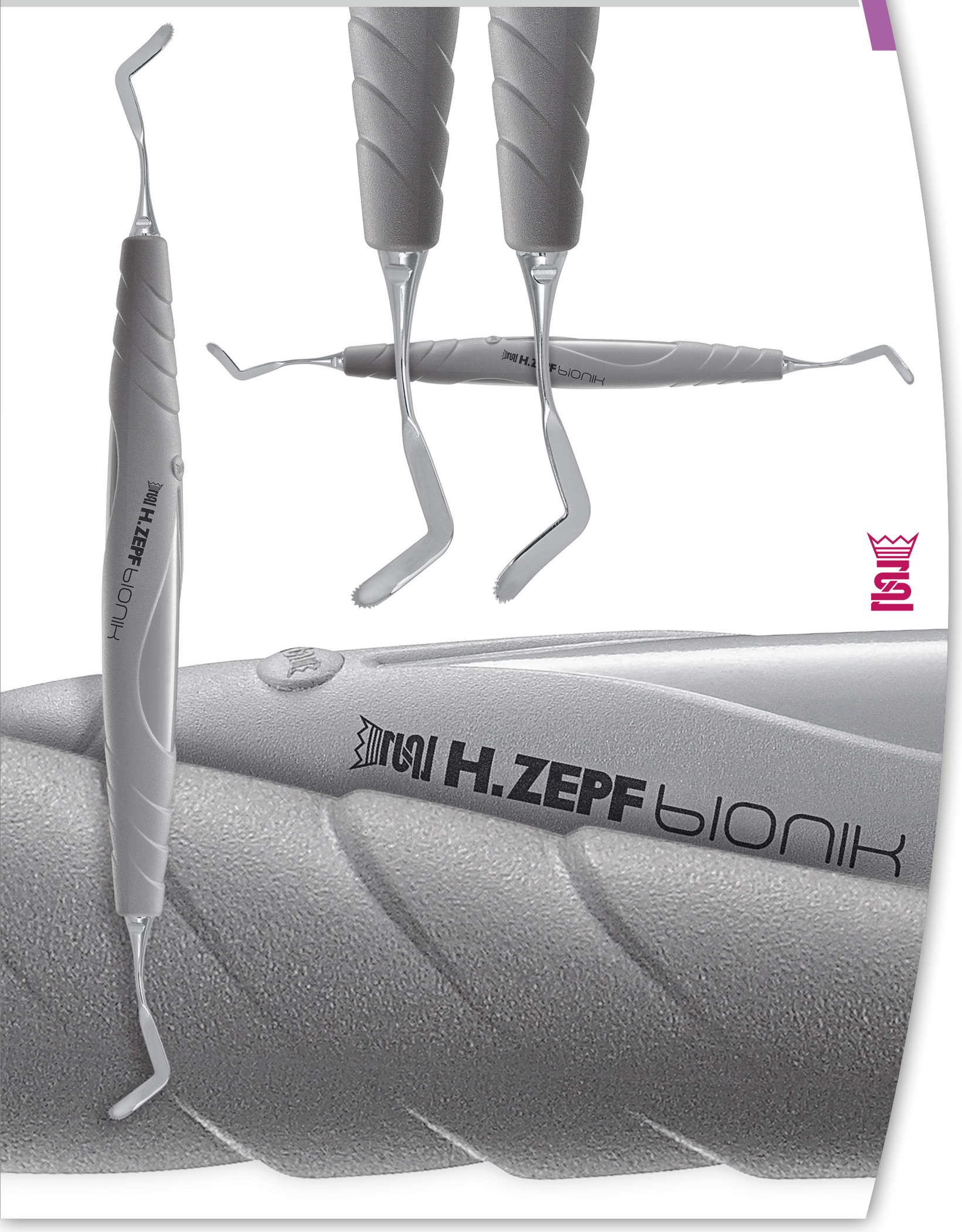
**24.454.03** **CPG 11.5 (WHO)**

Periodontal Probe exchangeable, M2.5 graduation 3.5 / 5.5 / 8.5 / 11.5 mm

**26.180.07** **Universal Handle**

**ZEPF** Design, single-ended, M2.5 with endo calibration

Application **ZEPF** Endo-Control


H.ZEPF bionik

VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

## ZEPF BIONIK Composite Sets

All Composite Tips feature the special **ZEPF** Onyx coating.
The reflection-free **ZEPF** Onyx coating is extra smooth, harder and more scratch-resistant than conventionally coated composite instruments. The popular handles in the **ZEPF BIONIK** design are made of lightweight, high-quality plastic material.

The **ZEPF BIONIK** Handles are available in 10 different colors. See page **03-04** and **03-05** for article numbers of the different color and handle versions.

reddot design award
winner 2010

**19.202.00**

**CompoSMOOTH**
**Complete Set**
by Prof. Dr. Gabriel Krastl
incl. Washtray 1/3
and Soft Application
Inserts in a box,
as described on
pages **04-04** to **04-07**

**26.120.01Ti**

**Small Composite Set**
incl. Washtray 1/3
as described on
pages **04-04** to **04-07**

**26.120.00Ti**

**Big Composite Set**
incl. Washtray 1/2
as described on
pages **04-04** to **04-07**

## The ZEPF bionik Composite Sets

**26.120.01Ti** **Small Composite Set;** **26.120.00Ti** **Big Composite Set;** **19.202.00** **CompoSMOOTH Set**

The sets contain the accordingly marked Composite Instruments X X X :

# 1, Spatula 1.5 mm, small

**26.120.10Ti**

X X X

# 2, Spatula 2.8 mm, large

**26.120.11Ti**

X X

Spatula 1.8 mm / Beavertail Insert 2.6 mm

**26.120.12Ti**

X

# 1, Spatula 2.2 mm / Burnisher Ø 1.5 mm (pear-shaped) combination, small

**26.120.20Ti**

X

# 2, Spatula 2.4 mm / Burnisher Ø 1.9 mm (pear-shaped) combination, large

**26.120.21Ti**

X

# 1, Plugger Ø 1.5 mm / Burnisher Ø 1.9 mm (pear-shaped)

**26.120.25Ti**

X X

# 1, Condenser small Ø 1.6 mm / large Ø 2.5 mm

**26.120.30Ti**

X

bionik

reddot design award
winner 2010

Fissure Former Ø 1.9 mm / Plugger Ø 1.5 mm (pear-shaped), combination

24.751.323Ti

26.120.321Ti

**26.120.34Ti**

24.751.329Ti

24.751.328Ti



# 2, Plugger, cone-shaped, to form the fissures, small Ø 1.8 mm / large Ø 2.2 mm

**26.120.31Ti**

X

26.120.322Ti

26.120.321Ti



Fissure Former Ø 1.9 mm / Ø 2.3 mm

**26.120.32Ti**

X

24.751.331Ti

24.751.330Ti



# 1, Plugger combination, cone-shaped, small, Ø 1.7 mm / small Ø 1.7 mm, with special bend for the molar region

**26.120.40Ti**

X X

24.751.333Ti

24.751.332Ti



# 1, small Spatula Combination, 1.7 mm.
Optimal access to the mesial and distal area due to special bend

**26.120.50Ti**

X

24.751.402Ti

24.751.401Ti



Plugger, ball Ø 0.9 mm / Plugger, ball Ø 1.3 mm

**26.120.60Ti**

24.751.404Ti

24.751.403Ti



Plugger, ball Ø 2.1 mm / Plugger, ball Ø 1.3 mm, blunt

**26.120.70Ti**

# CompoSMOOTH

THE SURFACE IS THE KEY...

Re-creating the original tooth as faithfully as possible is a challenging task for the material, the dental technician and the dentist. In case of direct composite restorations, the complete esthetic responsibility lies in the hands of the practitioner. Optimal instruments are the key to success.

**19.201.11**

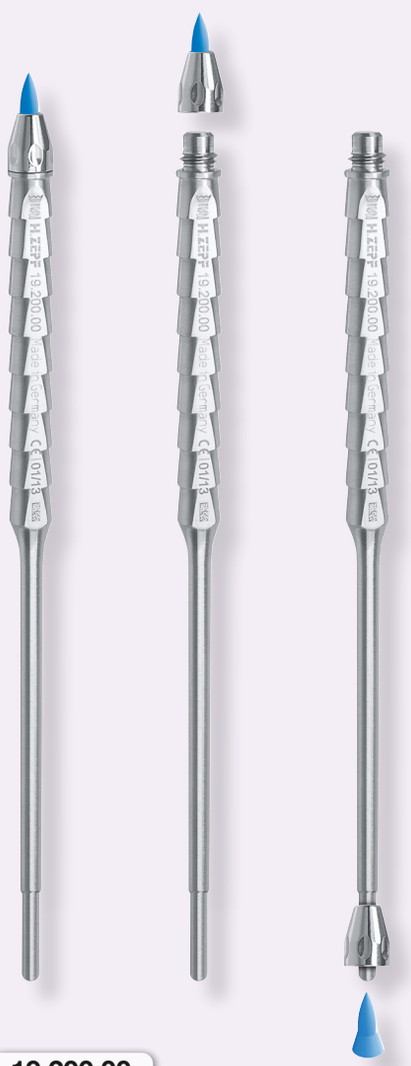
**19.201.21**

**19.201.31**

**Soft Application Inserts for layering technique**
for handle **19.200.00**
QTY 12 pieces

**19.202.00**

**CompoSMOOTH Complete Set** in the box incl. Washtray 1/3, with Brush Holder, 3 x 12 Soft Application Inserts and 4 Composite Instruments



**19.200.00**

Brush Holder **ZEPF**-Line with push-out function

The new **CompoSMOOTH**, a special silicone brush, allows an effortless adaptation and modelling of the composite surface before polymerization. Even “sticky” composites can be adapted in an optimal way. The perfect surface morphology is created almost automatically by light pressure. The tooth shape is modeled in a way that reduces the subsequent polishing work to a minimum... and the result – optimal!

VIDEO APPLICATION

# 1, Spatula 1.5 mm, small

**26.120.10Ti**

Spatula 1.8 mm / Beavertail Insert 2.6 mm

**26.120.12Ti**

# 1, Plugger Ø 1.5 mm / Burnisher Ø 1.9 mm (pear-shaped)

**26.120.25Ti**

Fissure Former Ø 1.9 mm / Ø 2.3 mm

**26.120.32Ti**

# ATTIN Compo Knives

to remove composite residues in filling treatment

With the ATTIN Compo Knives in the **ZEPF** bionik Handle, instruments have been specially developed for removing composite filling residues. Coated with nanopal® these instruments have a surface hardness of 4500 Vickers. Every dentist removes composite filling residues in different ways. Some use curettes, others excavators and sometimes scalpel blades are used. Curettes and scalers are usually too weak, i.e. there is a high risk of breakage. Scalpel blades have a high level of hardness, are correspondingly sharp and are good to use. But there are only a few angles available, so they do not allow ergonomic working.

The new ATTIN Compo Knives have addressed this requirement, i.e. strong blades manufactured at the correct angles, so all quadrants can be optimally reached.

With the new **ZEPF** nanopal® coating, the surface has a hitherto unknown hardness.
The cutting performance is therefore guaranteed for a long period. Should an insert ever become blunt, it is easy to replace only this instrument insert.

## Advantages:

- Only two instruments for all quadrants
- **ZEPF** nanopal® coating for maximum cutting performance and lifetime
- Instrument inserts are exchangeable
- Glare-free surface

**24.710.01OX** ATTIN Compo Knife for buccal and lingual surfaces, in **ZEPF** bionik Handle black, exchangeable inserts with nanopal® coating

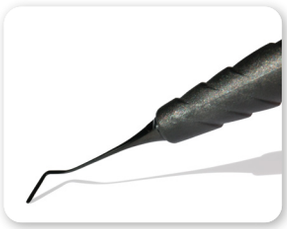
**24.710.02OX** ATTIN Compo Knife for mesial and distal surfaces, in **ZEPF** bionik Handle yellow green, exchangeable inserts with nanopal® coating

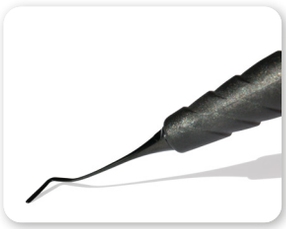
bionik ZEPF

reddot design award
winner 2010

## Micro Composite Spatulas –
superfine spatulas with ZEPF nanopal® coating

In the case of direct composite restorations, the entire aesthetic responsibility lies in the hands of the practitioner.
With the new micro-composite spatulas in 1.1 mm and 1.6 mm, the practitioner is provided with highly flexible ultra-fine spatulas for precise modeling of delicate structures.





The new ZEPF nanopal® coating offers you a very good contrast to the used material. The polished surface is easy to clean and extremely scratch-resistant.

**26.120.13Ti** Micro Composite Spatula, width 1.1 mm

**26.120.14Ti** Micro Composite Spatula, width 1.6 mm

bionik ZEPF

reddot design award
winner 2010

bionik **Universal Handle** made of PEEK high-tech plastic material – guarantees an ideal power transmission with formerly unknown sensitivity. The handle is available in 10 different, fresh basic colors.

The exchangeable working tips inserted in the ergonomic bionik handle offer highest economy and best tactile handling.

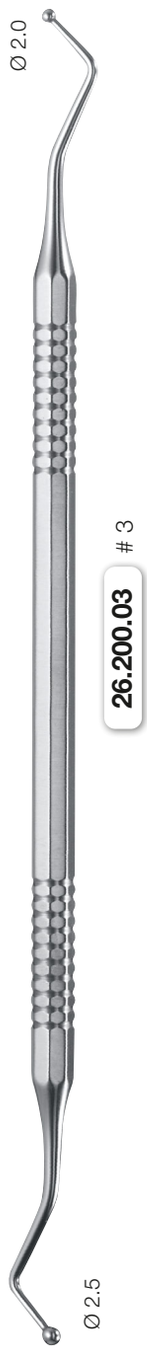
# Pear-shaped Plugger

# Ball-shaped Plugger

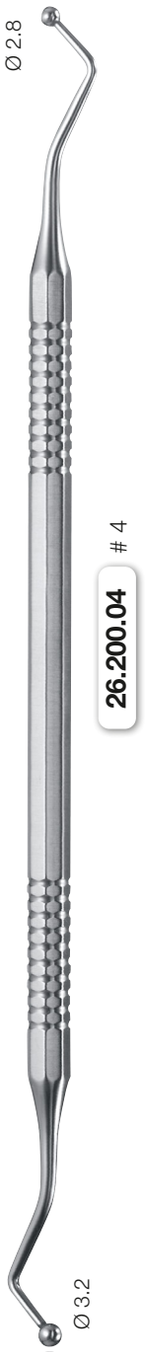
**26.200.00** # 0

**26.200.01** # 1

**26.200.02** # 2




**26.200.03** # 3




**26.200.04** # 4

## Spatula

# 13

**26.200.13**

fine version, 1.6 mm

## Condenser

**HELMUT ZEPF** Filling Instruments are well-balanced, i.e., the offsets of their blades are symmetric about the longitudinal axes of their handle, which keeps their blades from twisting under load.

# 35

**26.200.35**

# 36

**26.200.36**

# 37

**26.200.37**

## Heidemann Spatula

# 0

**26.260.00**

flexible, 2.0 mm

# 1

**26.260.01**

flexible, 2.5 mm

# 2

**26.260.02**

flexible, 3.0 mm

## Cement Spatula

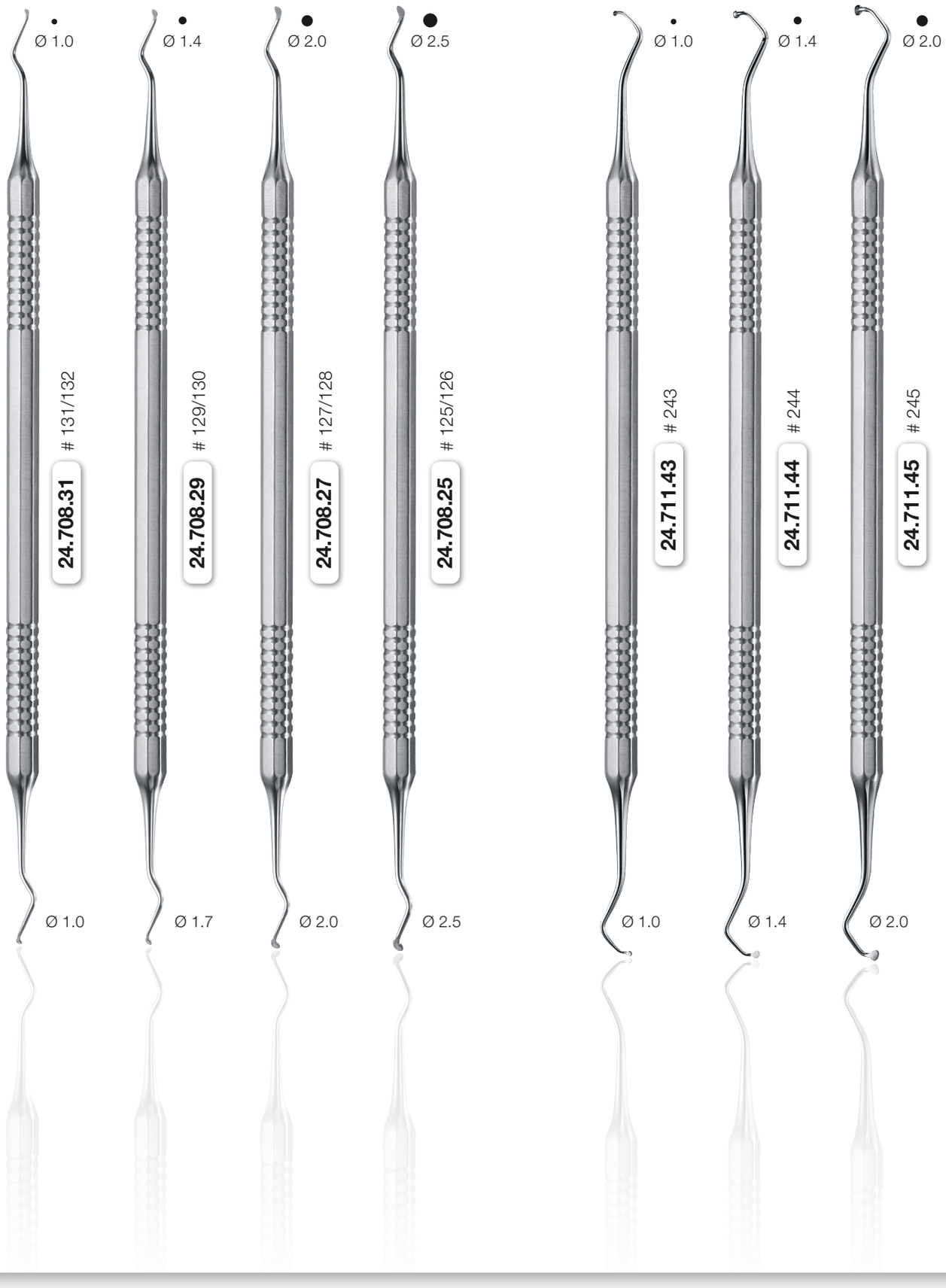
**26.130.01** 4.5 mm

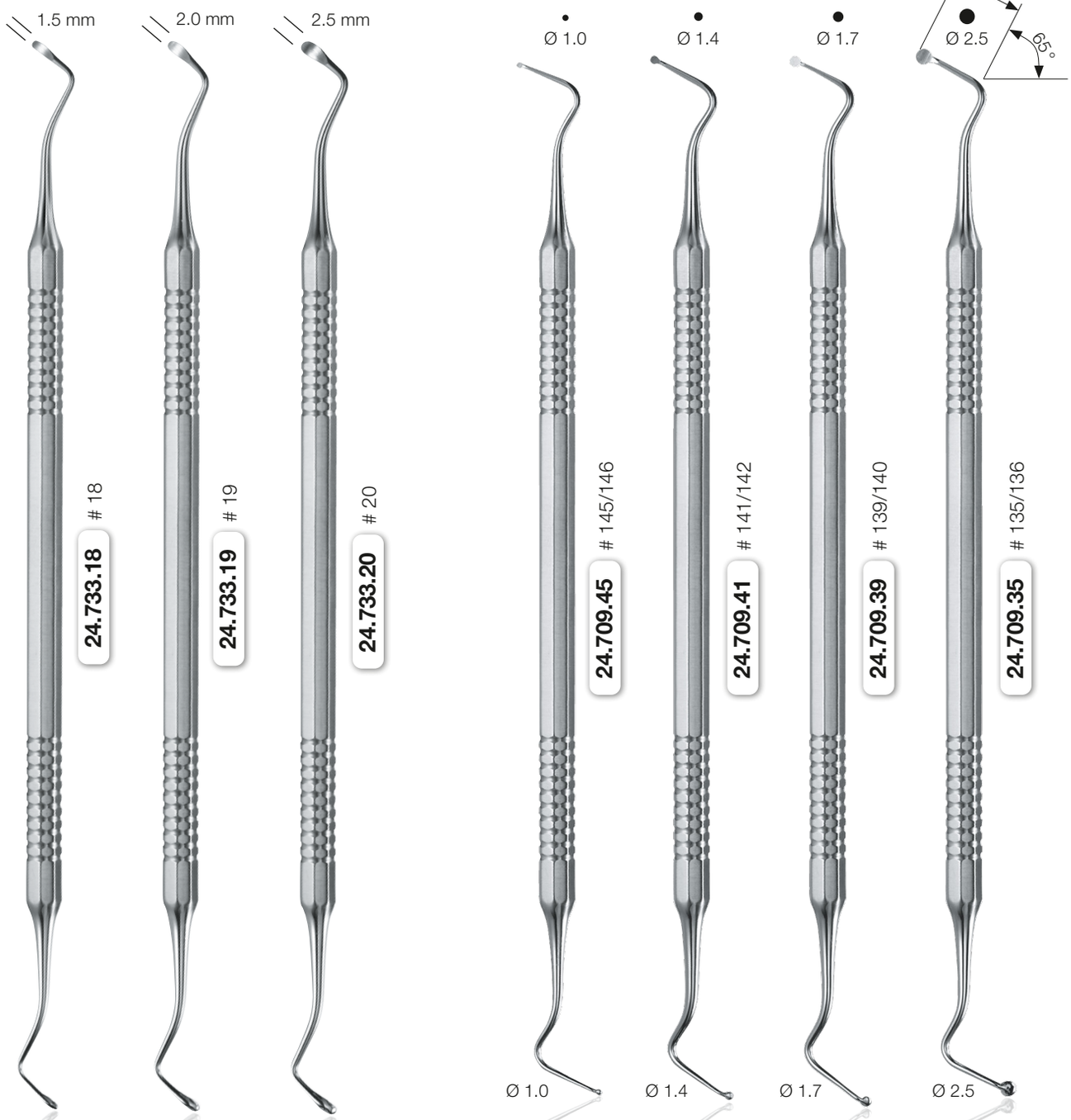
**26.130.02** 6.0 mm

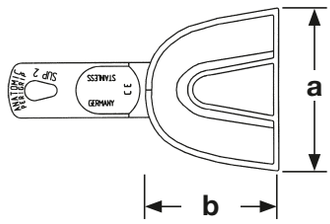
**26.130.03** 8.0 mm

## Excavators

Excavators in different angles to remove softened dentine during cavity preparation.




1.5 mm
2.0 mm
2.5 mm
Ø 1.0
Ø 1.4
Ø 1.7
Ø 2.5
13
65°
24.733.18
# 18
24.733.19
# 19
24.733.20
# 20
24.709.45
# 145/146
24.709.41
# 141/142
24.709.39
# 139/140
24.709.35
# 135/136
Ø 1.0
Ø 1.4
Ø 1.7
Ø 2.5




## Perforated Anatomic Ehricke for Upper Jaw

A-Silicone putties can be applied in perforated impression trays, as the perforation intensifies the rotation of the material in the impression tray.

**Regulars (BO)**

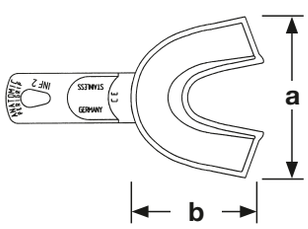
**28.601.00**
a = 55 mm,
b = 39 mm,
SUP B0

**28.601.01**
a = 65 mm,
b = 52 mm,
SUP B1

**28.601.02**
a = 71 mm,
b = 60 mm,
SUP B2

**28.601.03**
a = 73 mm,
b = 63 mm,
SUP B3

**28.601.04**
a = 80 mm,
b = 73 mm,
SUP B4




## Perforated Anatomic Ehricke for Lower Jaw

A-Silicone putties can be applied in perforated impression trays, as the perforation intensifies the rotation of the material in the impression tray.

**Regulars (BU)**

**28.606.00**
a = 61 mm,
b = 44 mm,
INF B0

**28.606.01**
a = 72 mm,
b = 51 mm,
INF B1

**28.606.02**
a = 78 mm,
b = 54 mm,
INF B2

**28.606.03**
a = 82 mm,
b = 58 mm,
INF B3

**28.606.04**
a = 83 mm,
b = 65 mm,
INF B4

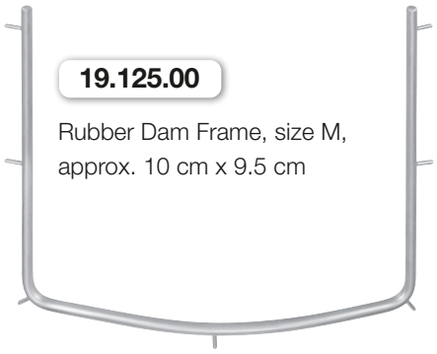
## Modeling Knife for Impressions

Silicone Knife with cutting loop.

**28.121.00**

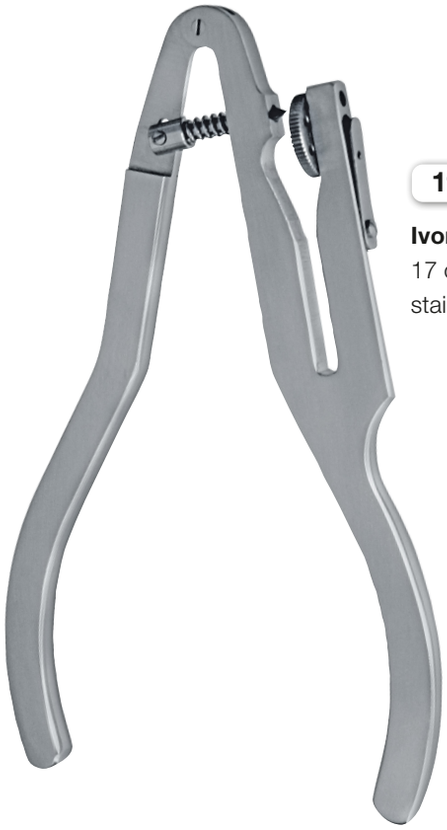
**19.037.01**

**Ivory** Rubber Dam Forceps,
jaw width 30 mm, twisted handle



**19.125.00**

Rubber Dam Frame, size M,
approx. 10 cm x 9.5 cm



**19.015.00**

**Ivory**, Rubber Dam Punch Forceps,
17 cm, punch disc with 6 holes,
stainless steel

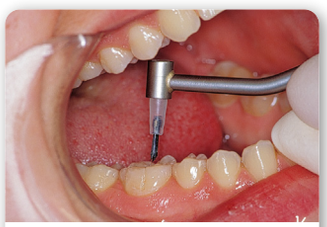
**19.010.00**

**Ainsworth**,
Rubber Dam
Punch Forceps,
stainless steel

## Brush Holder DBGM

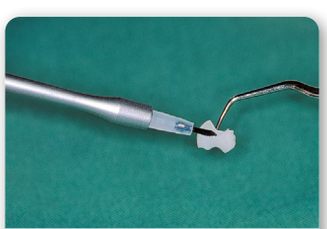
**Its most important features…**

Our **ZEPF** Brush Holder is used for applying liquid treatment agents (enamel or dentine adhesion agents, acids, lacquers, or fluoridation agents) to dental surfaces or cavities.



**1** Reverse-angle instrument

**2** Back-action-instrument



**3** Straight instrument

**19.199.00**
Brush Holder

**Its features at a glance**

- Includes a dual brush receptacle and an original **ZEPF** scaled handle.
- Universal use on both upper and lower jaws and on all dental surfaces and cavities.
- No need for plastic applicators (reduces waste).
- May be desinfected and sterilized by using any standard procedure.
- Virtually unlimited service life.
- Designed for optimal ergonomy and general-purpose use.
- Suitable for all regular brush inserts (single use).
- Used in all areas of dentistry, especially adhesive restoration work.

## Tofflemire Matrix Retainer

Manufactured from stainless steel.

**19.060.00** Universal

**19.063.01** Junior 1, straight

**19.062.00** Senior

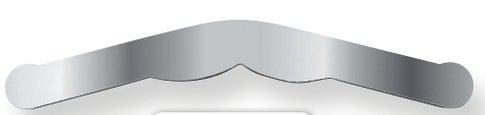
---

## Tofflemire Matrix Bands for 19.060.00

Manufactured from top-quality, 0.035 mm gauge, stainless steel, packaging unit: 12 ea. of each size.

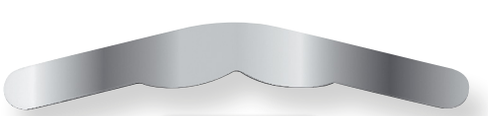
**19.061.01**

# 1



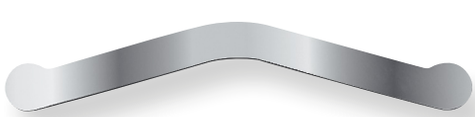
**19.061.03**

# 3



**19.061.02**

# 2



**19.061.13**

# 13

---

## Articulating Paper Forceps

**22.100.15** **Miller**, straight

## bionik Retraction-Thread Plugger

Retraction threads are placed to repress or retract the gingiva from the tooth neck.
Prior to taking an impression for the preparation of crowns, the thread is adapted around the prepared tooth and the gingiva.

The **ZEPF** bionik Instruments feature specially adapted shapes, helping the dentist to place the threads in a time-saving way; this is useful as threads are tending to get thinner.

bionik reddot design award winner 2010

bionik **Universal Handle** made of PEEK high-tech plastic material – guarantees an ideal power transmission with formerly unknown sensitivity. The handle is available in 10 different, fresh basic colors.
The exchangeable working tips inserted in the ergonomic bionik handle offer highest economy and best tactile handling.

**24.548.01** Universal Thread Plugger with angled working tips, microserrated

**24.548.02** Suture Applicator for distal / mesial use, microserrated and specially adapted to anatomy

**24.548.03** Suture Applicator for buccal / lingual use, microserrated and specially adapted to anatomy

**24.548.04** Universal Thread Plugger with round tips, microserrated

# **EASY CONTACT POINT** Instruments by **HELMUT ZEPF**

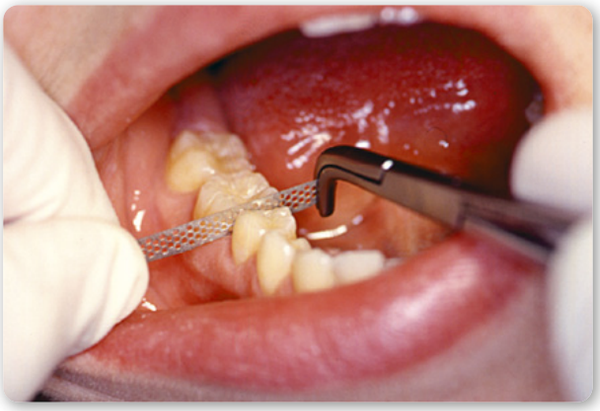
**26.123.01** 3.1 mm wide, in bionik Handle, black

**26.123.02** 3.8 mm wide, in bionik Handle, yellow-green

**EASY CONTACT POINT Hand Instrument**
for premolars, for perfect forming of contact points in MO or DO restorations

**Composites** are not easy to process. The modeling of clinically ideal contact points in particular is a big challenge for the practitioner. The Easy Contact Point Instruments will help to simplify this work step.
These instruments are available in two sizes as pliers for MOD filling, i.e. as premolar and as molar pliers.
To be used as hand instruments for MO or DO fillings. Also available in two sizes for premolars and molars.
The treatment period for a composite filling can therefore be considerably reduced.
**The related economic benefit is evident.**

## Universal Finishing Clamp "Work smart not hard"



The **ZEPF** Finishing Clamp is an innovative holding instrument for finishing strips of all kinds. The instrument has been designed with ergonomics and functionality uppermost and contributes significantly to easing work involving finishing strips.
The treatment is pleasant for the patient because the tongue area is not restricted by the dentist's fingers and does not aggravate choking. Its main application is in the area of approximate composite fillings; apart from this the instrument is well suited for separation, the correction of filling surpluses in approximal area as well as the application of dental floss.

**23.120.12**

**ZEPF** Finishing Clamp, QTY 2 pieces
DBGM acc. to Dr. Peter Müller, Ebersbach

### Fields of Application:

**1)** Completion of approximal composite fillings.

**2)** Separating by means of steel-carbon strips or diamond skived steel strips.

**3)** Correction of filling over-hangs in the approximal area.

**4)** Removal of matrix strips after laying fillings.

**5)** Clamping dental floss for interdental plaque removal, especially in difficult access spots in the lateral tooth area.

**6)** Clamping dental floss for removal of cement residues from the interdental area after cementing crowns / bridges.

## Universal Forceps & Universal Tweezers

No treatment unit should lack these Universal **HELMUT ZEPF** Pliers and Tweezers.
They are used for securely grasping provisional plastic items, bridges, nerve instruments, impacted matrices, attaching inlays, setting interdental wedges, etc.
Usable on both upper and lower teeth. Their TC-jaws provide a secure grip.

**22.281.15TC** Universal Tweezers, with TC insert, 14 cm

**19.281.15TC** All-Purpose Pliers, with TC insert, 14.5 cm

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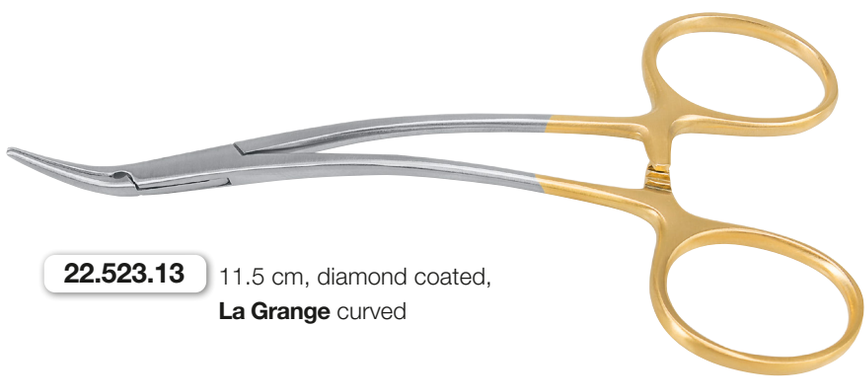
## Peet Splinter Forceps

The Peet Splinter Forceps is a clamp with perfect grip due to diamond coating. The universal S-curve, as known from La Grange Scissors, makes it particularly flexible in usage.



**22.523.13** 11.5 cm, diamond coated,
**La Grange** curved

zepf-dental.com

VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

The instruments illustrated in this catalogue are subject to modifications regarding technical progress and improvements.

Scale

H.ZEPF Made in Germany
12.235.08ZD

VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

**12.300.08**

Benex® II Extractor
acc. to Dr. med., med. dent. Benno Syfrig

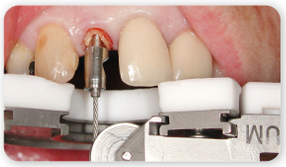
## Extraction System

# Benex® II

acc. to Dr. med., med. dent. Benno Syfrig

As a logical continuation of the series “Extraction in its most beautiful form”, **HELMUT ZEPF** Medizintechnik GmbH, in collaboration with Dr. med. dent. Benno Syfrig (CH), HELMUT ZEPF Medizintechnik GmbH has further developed the innovative Benex® extraction system. Detailed information, application examples and the BENEX user forum can be found at:
**www.benex-dent.com**

**Picture 1**
Longitudinal extraction with Benex® II step by step:
Pivot tooth extracted due to root fracture



**Picture 2**
Longitudinal extraction with Benex® II step by step:
Axial removal

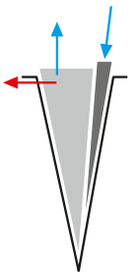
**Picture 3**
Longitudinal extraction with Benex® II step by step:
Soft and hard tissues preserved

**Picture 4**
Longitudinal extraction with Benex® II step by step:
Soft tissue,
12 weeks after extraction

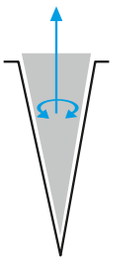
**Picture 5**
Longitudinal extraction with Benex® II step by step:
Alveolar ridge,
12 weeks after extraction

## Extraction System

**Benex® II**
Pat.No. CH 696 458
acc. to Dr. med., med. dent. Benno Syfrig



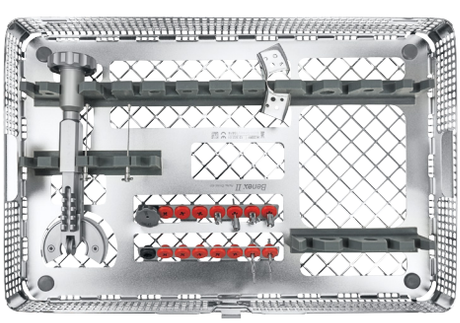
**Polygon of forces, conventional:**
Pressure on the alveolar wall by forceps or root elevator



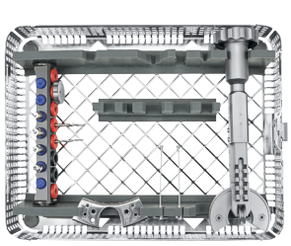
**Polygon of forces with Benex® II:**
Purely axial traction

In modern dental treatment, implantology following extraction is increasingly favoured. Consistent with the principle of minimal invasion, conserving soft and hard tissue structures is a must. Starting with extraction. The modified Benex® II guarantees a gentle and simple extraction of roots in the whole mouth. It is nearly impossible to harm the soft tissue and the surrounding bone. Due to the longitudinal extraction, Benex® II is an optimal basis for direct implantation. It is also a valuable help for retarded implantation after the extraction with the Benex® II system. Studies made after the use of Benex® II prove that the reossification of the extraction alveole is advancing optimally. This is a great advantage for the retarded implantation.

The new Benex® II is now available in a washbasket complying with the RKI guidelines. That way, the requirements of optimal cleanability and sterilization were taken into account. You will find further information, application examples and the Benex® user forum at: **www.benex-dent.com**



**12.302.00** Benex® II Extraction System



**12.303.00** Benex® II Basic Kit

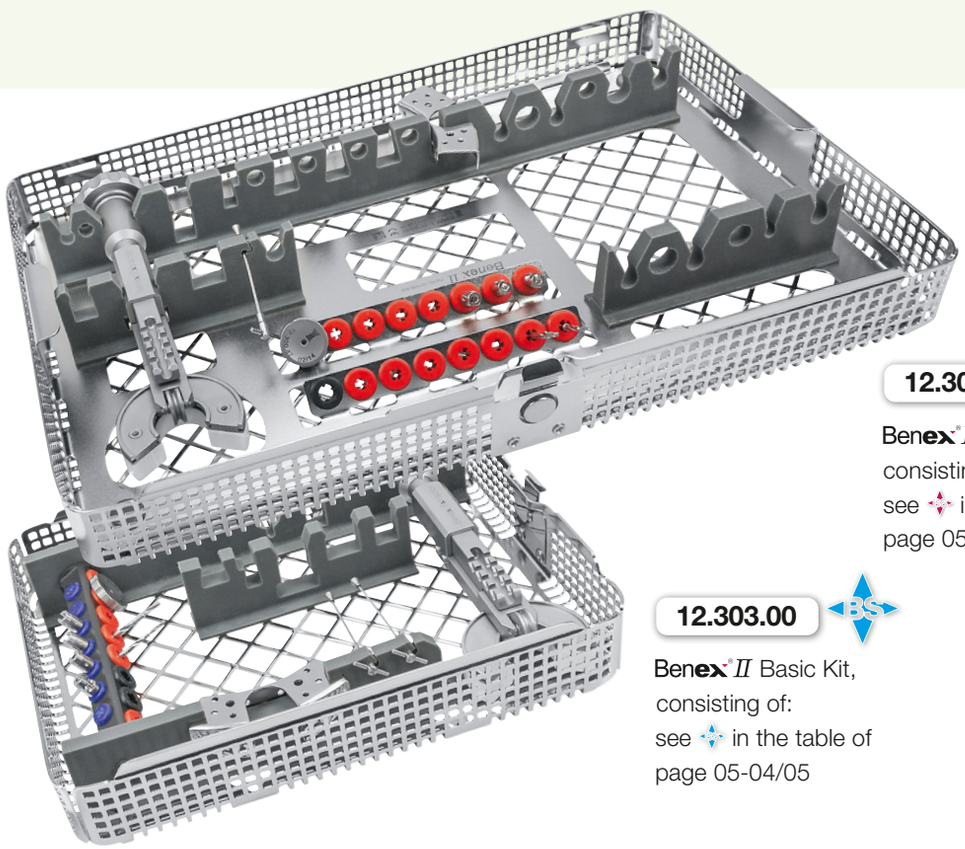
## Alveolar Ridge Preservation with Benex® II

**What does it mean?**

Alveolar Ridge Preservation means the treatment of the dental alveolus after extraction. 3 months after the Benex® extraction you find a considerably better ridge relation than with conventional gentle extractions.
The Benex® finds its successful application in both, private practices and universities. The Benex® has achieved an excellent status worldwide as basis for a subsequently successful implantation.
The new support for the dismounted Benex® System in a washbasket guarantees an optimal cleanability of Benex® in a washing machine or in an ultrasonic bath. All components can be fixed safely in the support.

Upon cleaning, the system can be sterilized in assembled condition.

In addition to the Benex® components, an optional periotome, an Xtool and an optional Benex® Pole Extractor can be placed in the support.



**12.302.00** BS

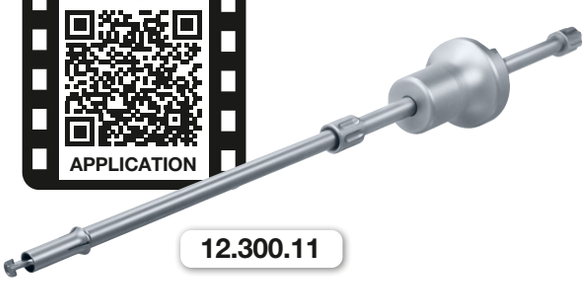
Benex® II Extraction System,
consisting of:
see ✣ in the table of
page 05-04/05

**12.303.00** BS

Benex® II Basic Kit,
consisting of:
see ✣ in the table of
page 05-04/05

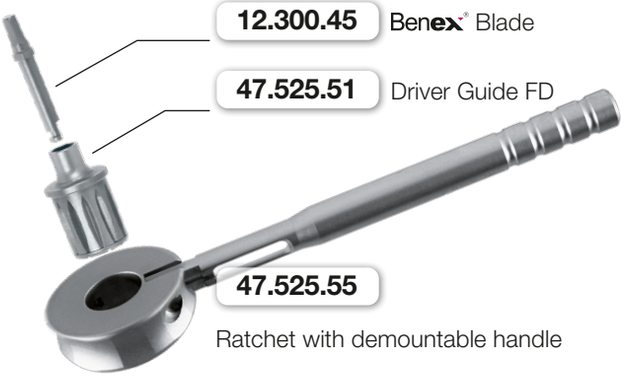
## Optional Instrumentary

VIDEO
APPLICATION



**12.300.11**

Benex® Pole Extractor

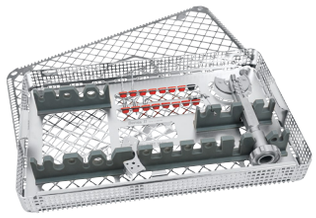
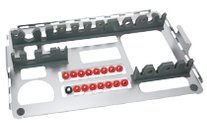
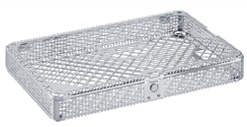
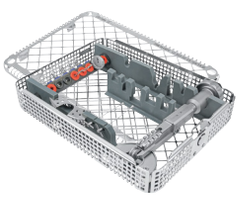
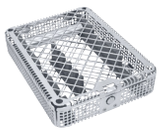


**12.300.45** Benex® Blade

**47.525.51** Driver Guide FD

**47.525.55**

Ratchet with demountable handle

| Illustration | Article Description | Order Quantity |
|---|---|---|
|  | **12.302.00**<br>Benex® II Extraction System, consisting of:<br>Benex® II Extractor, 2 Pullropes 48 mm, Driver Guide,<br>Screw short 1.6 mm + 2.1 mm,<br>Screw long 1.6 mm + 2.1 mm,<br>1 Drill ea. for 1.6 mm, 2.1 mm Screws,<br>Quadrant Support, 85.195.10 Washbasket with Lid,<br>12.302.01 Tray / Rack for Benex® II | 1 piece |
|  | **12.302.01**<br>Benex® II Tray / Rack | 1 piece |
|  | **85.195.00**<br>Washbasket 1/1 with Lid and Press Button Lock | 1 piece |
|  | **12.303.00**<br>Benex® II Basic Kit, consisting of:<br>Extractor, 2 Pullropes 48 mm, Driver Guide,<br>Screw short 1.6 mm + 2.1 mm,<br>Screw long 1.6 mm + 2.1 mm,<br>1 Drill ea. for 1.6 mm + 2.1 mm Screws,<br>Quadrant Support, 85.194.10 Washbasket with Lid | 1 piece |
|  | **85.194.10**<br>Washbasket 1/2 with Lid and Press Button Lock | 1 piece |
| | **12.300.08**<br>Benex® II Extractor | 1 piece |
| | **12.300.15**<br>Replacement Support Disc, 8 mm (PTFE), optional | 1 piece |
| | **12.300.16**<br>Support Disc, diagonally right, optional | 1 piece |
| | **12.300.17**<br>Support Disc, diagonally left, optional | 1 piece |
| | **12.300.20**<br>Pullrope, 48 mm | 2 pieces |

| Illustration | Article Description | Order Quantity |
|---|---|---|
| | **12.300.30**<br>Diamond coated Drill for Screws<br>Ø 1.6 mm 12.300.60 and 12.300.70 | 2 pieces<br>(1 ) |
| | **12.300.35**<br>Diamond coated Drill for Screws<br>Ø 2.1 mm 12.300.65 and 12.300.75 | 2 pieces<br>(1 ) |
| | **12.300.47**<br>Driver Guide, short | 1 piece |
| | **12.300.60**<br>Screw, Ø 1.6 mm, 10 mm, S = Short | 2 pieces<br>(1 ) |
| | **12.300.65**<br>Screw, Ø 2.1 mm, 10 mm, SF = Short & Fat | 2 pieces<br>(1 ) |
| | **12.300.70**<br>Screw, Ø 1.6 mm, 16 mm, L = Long | 2 pieces<br>(1 ) |
| | **12.300.75**<br>Screw, Ø 2.1 mm, 16 mm, LF = Long & Fat | 2 pieces<br>(1 ) |
| | **12.300.80**<br>Quadrant Support for Benex® to bridgeover bigger gaps and for the universal molding | 1 piece |
| | **12.300.11**<br>Benex® Pole Extractor, optional | 1 piece |
| | **47.525.55**<br>Ratchet with demountable handle, optional | 1 piece |
| | **47.525.51**<br>Driver Guide FD, optional | 1 piece |
| | **12.300.45**<br>Benex® Blade for Driver Guide FD, optional | 1 piece |

Benex®
Pat.No. CH 696 458

## Application of the Extraction System

**1.** Anaesthesia. Cutting periodontal fibres (Sharpey fibres) in the sulcus by using the Periotome or the HELMUT ZEPF Xtool.

**2.** Strong, large roots must be loosened / luxated by axial movements within 30 sec., using a slim elevator / twister (Xtool from HELMUT ZEPF). Without using transversal movements. In case of multi-rooted teeth, the roots are divided and extracted separately.

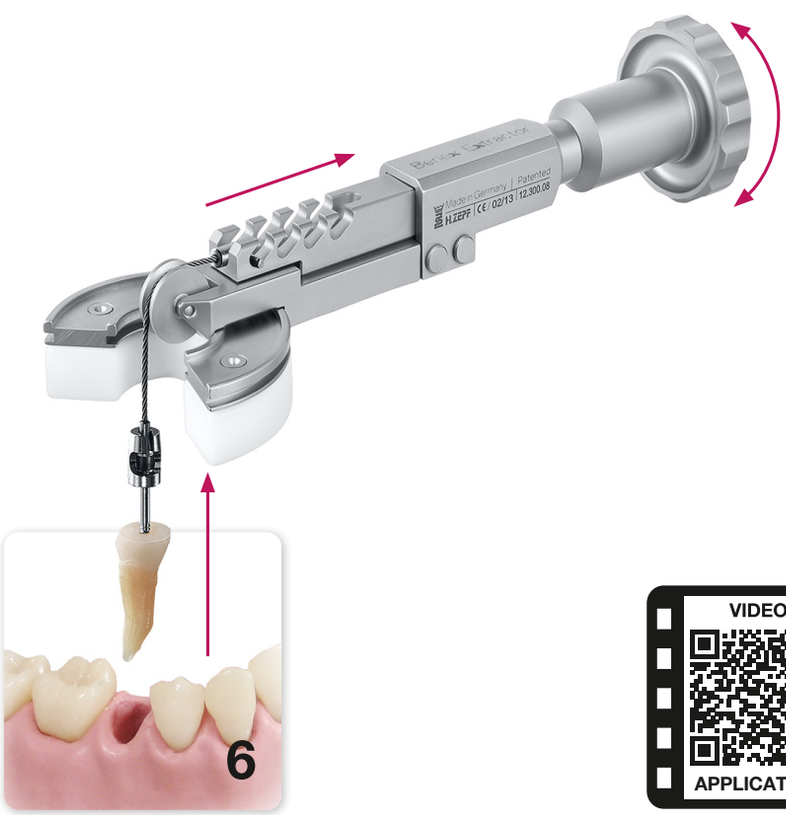
**3.** Drilling with the diamond coated twist drill should be in the axis and center of the root fragment. It should be approx. 7 mm in the hard tissue, deeper drilling will not be necessary. Drilling is performed with water-cooling. In order to remove drilling chips more easily, an inward and outward movement is recommended for deep drilling.

**Recommended rpm:**
**500 - 700 rpm**
REF **12.300.30 max. 3000 rpm**
REF **12.300.35 max. 2200 rpm**

**4.** According to circumstances, the short or long extraction screw with screwing support REF **12.300.47** is inserted.

**5.** The extractor is positioned on the adjacent crowns: The opening of the round, revolvable segment plate is adjusted in vestibular direction ensuring a good view of the extraction screw. After the pullrope has been hooked into the extraction screw, it is guided over the reverse roller and fixed to the hook of the extraction slide. Under slight traction – so that the rope does not hang out – the instrument is placed on the adjacent teeth by turning the hand screw.
During positioning it is important to see that both the screw and the rope do have the same axial direction.

**6.** Once the extractor is positioned properly, the extraction is carried out by turning the hand screw. In case of strong, long roots the periodontal fibres have to be pre-stretched for 30 seconds by applying a sub-maximum traction.




VIDEO
APPLICATION

## ZEPF Xcision

Dr. Maty Design

The exclusive design and 25% reduced weight make the ZEPF Xcision-Instrument-Line light as a feather.

The ergonomic handle design enables uniform power transmission during pressing, pulling and rotary movements and is equally suited for both right handed as well as left handed practitioners. The unique tip design adapts exactly to the tooth and is beyond comparison to other instruments.

The smooth handle with circular openings makes the ZEPF Xcision-Instrument-Line extraordinarily easy to be cleaned since there are no more hygiene-critical zones as with instruments with serrated handles.

The ideal handling and tactual sensation is guaranteed.

From design to functionality, this product line answers all your concerns.
The ZEPF Xcision Handle is a registered model of **HELMUT ZEPF**, which has been developed with Dr. Maty.

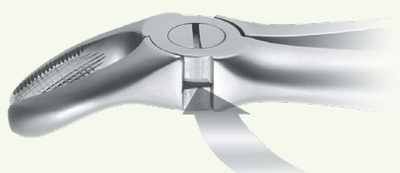
## Extracting Forceps

**Pattern**
All figures from **HELMUT ZEPF**
are available in the Xcision Pattern

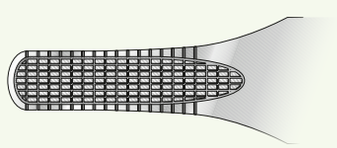
**Diamond-Coating**
All extracting forceps are available with diamond-coating for better grip. For ordering etc. just add to the item number the letter **D**.

**Diamond Version**

**Teflon Disc**
The wear-resistant Teflon Disc eliminates wear and tear in the joints and provides a light action at all times.



**Grooved Gripping Surfaces**
Grooved gripping surfaces provide a secure grip and prevent slipping.



**12.002.00Z**

**12.002.00ZD**

# 2

**12.007.00Z**

**12.007.00ZD**

# 7

**12.017.00Z**

**12.017.00ZD**

# 17

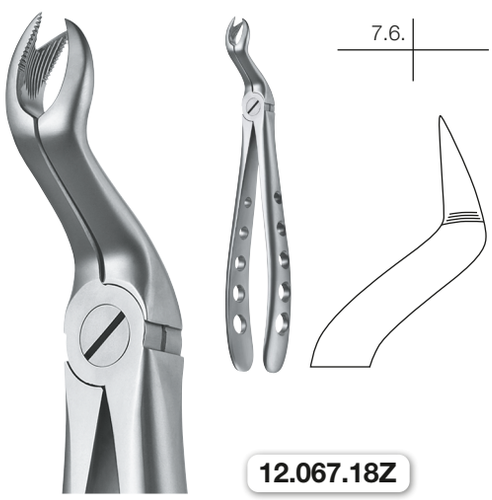
**12.018.00Z**

**12.018.00ZD**

# 18

**12.067.17Z**

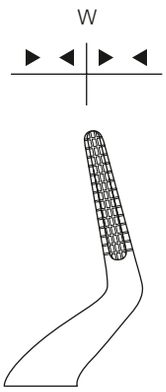
# 67LX




**12.067.18Z**

# 67RX

# 51A




**12.051.01Z**

**12.051.01ZD**

The slim, compact design of these ZEPF Xcision Extraction Forceps allows easy accessing molar areas, even when mouth openings are restricted.

# 33A

**12.033.01Z**

**12.033.01ZD**

# 67A

**12.067.01Z**

**12.067.01ZD**

# 73A




**12.073.01Z**

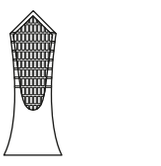
**12.073.01ZD**

# 13

**12.013.00Z**

**12.013.00ZD**

7.6. | 6.7.

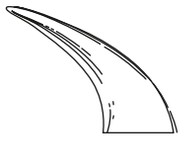


**12.022.00Z**

**12.022.00ZD**

# 22

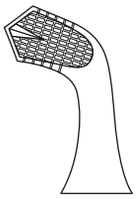
7.6. | 6.7.



**12.087.00Z**

# 87

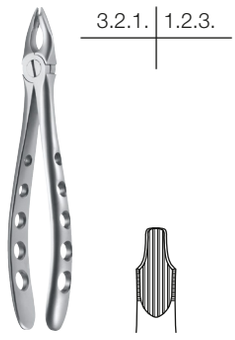
8. | 8.



**12.079.00Z**

**12.079.00ZD**

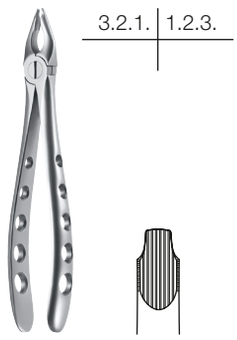
# 79




**12.034.00Z**

**12.034.00ZD**

# 34




**12.034.01Z**

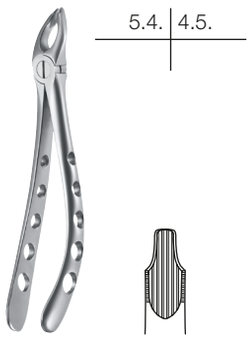
**12.034.01ZD**

# 34A

**12.021.90Z**

**12.021.90ZD**

# 321




**12.035.00Z**

**12.035.00ZD**

# 35

**12.035.01Z**

**12.035.01ZD**

# 35A

8. | 8.

# 67

**12.067.95Z**

**12.067.95ZD**

8. | 8.

# 79

**12.079.95Z**

**12.079.95ZD**

5.4.3.2.1. | 1.2.3.4.5.

# 36

**12.036.00Z**

**12.036.00ZD**

5.4.3.2.1. | 1.2.3.4.5.

# 36A

**12.036.01Z**

**12.036.01ZD**

## Secure-Line

Our special **HELMUT ZEPF** Extracting Forceps in our modern ZEPF Xcision Design have tapered jaw tips. Their fine, sharp tips which have been anatomically shaped to match perfectly the teeth and allow to reach deep and large contact areas, which in turn provides better mechanical advantages and a more secure grip. Since these special **HELMUT ZEPF** Extracting Forceps have been designed for performing luxations, they have longitudinal grooves only on their jaws' gripping surfaces. The easy handling and superior "feel" of all our ZEPF Xcision Lines of Extracting Forceps are of prime importance for this product line!

3.2.1. | 1.2.3.

# 34N

**12.034.07Z**

5.4. | 4.5.

# 35N

**12.035.07Z**

5.4.3.2.1. | 1.2.3.4.5.

# 36N

**12.036.07Z**

3.2.1. | 1.2.3.

# 34M

**12.034.08Z**

5.4. | 4.5.

# 35M

**12.035.08Z**

5.4.3.2.1. | 1.2.3.4.5.

# 36M

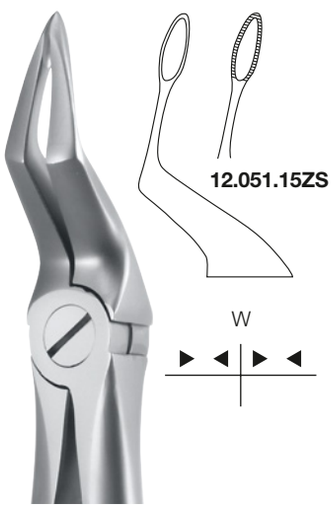
**12.036.08Z**

## Rescue-Line

No reason to panic! These forceps will allow you to carry out any extraction and work more efficiently even under complicated circumstances. If teeth break during extraction, these are the tools you need to rapidly, safely, solve your problems.
These forceps have special all-purpose jaws designed to cover a broad range of applications and have sharp pointed tips that allow separating the tips of roots from surrounding tissue by slightly twisting them and then securely trapping the extracted roots in the gaps between their jaws.
The article numbers of extracting forceps with serrated edges are amended by **'ZS'**.

# 45Z

**12.045.15Z** **12.045.15ZS**
**12.045.15ZD** **12.045.15ZSD**




# 51Z

**12.051.15Z** **12.051.15ZS**
**12.045.15ZD** **12.051.15ZSD**

# 44Z

**12.044.15Z** **12.044.15ZS**

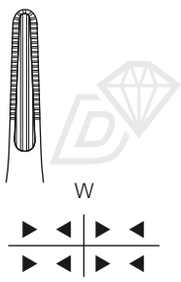
## Witzel All-Purpose Root-Splinter Forceps

diamond-tipped

Our special forceps for extracting root splinters from both upper and lower jaw have diamond-tipped jaws for the best possible grip, and are the ideal complement to our Rescue-Line.
If their diamond tips should ever become worn, simply contact our retipping service, who will put new diamond tips on them for a fixed charge.

**14.700.01Z**

ZEPF



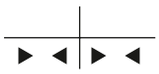
**Witzel, 15 cm**

diamond-tipped

**14.700.01**

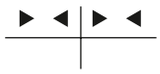
## Root- and Splinter Forceps Sequester ZEPF Xcision-Design

W



**12.059.00Z**

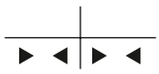
W



**14.700.10Z**

**14.700.10ZD**

W



**14.701.10Z**

**14.701.10ZD**

## The ZEPF twist EX Kit

**12.701.00Z** Complete Kit

The Kit consists of:

3.2.1. | 1.2.3.

**12.034.00Z**

**Twist Ex 1**

Extracting Forceps for upper front teeth and incisors, deep-grip

5.4. | 4.5.

**12.035.00Z**

**Twist Ex 2**

Extracting Forceps for upper premolars, deep-grip

5.4.3.2.1. | 1.2.3.4.5.

**12.036.00Z**

**Twist Ex 3**

Extracting Forceps for lower front teeth, deep-grip

5.4.3.2.1. | 1.2.3.4.5.

**12.036.01Z**

**Twist Ex 4**

Extracting Forceps for lower front teeth and incisors, deep-grip

8. | 8.

**12.079.95Z**

**Twist Ex 5**

Extracting Forceps for lower molars, deep-grip

8. | 8.

**12.067.95Z**

**Twist Ex 6**

Extracting Forceps for upper molars, deep-grip

## Extracting Forceps, American Pattern

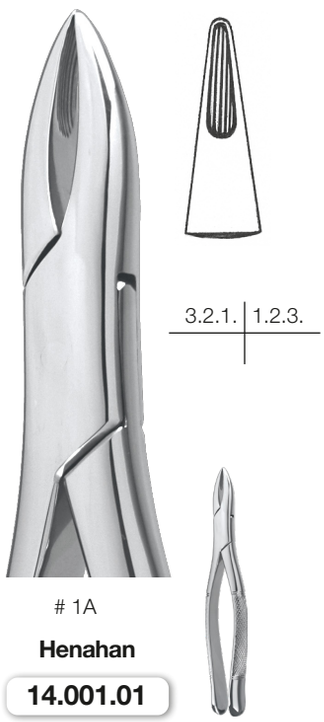
**Diamond Version**
All forceps are also available in the diamond version. For ordering etc., just add a **D** to the article number

3.2.1. | 1.2.3.

# 1

**Standard**

**14.001.00**



3.2.1. | 1.2.3.

# 1A

**Henahan**

**14.001.01**

7.6. | 6.7.

# 10S

**14.010.09**

7.6.

# 18R

**Harris**

**14.018.16**

7.6. | 6.7.

# 23

**14.023.00**

## Extracting Forceps, American Pattern

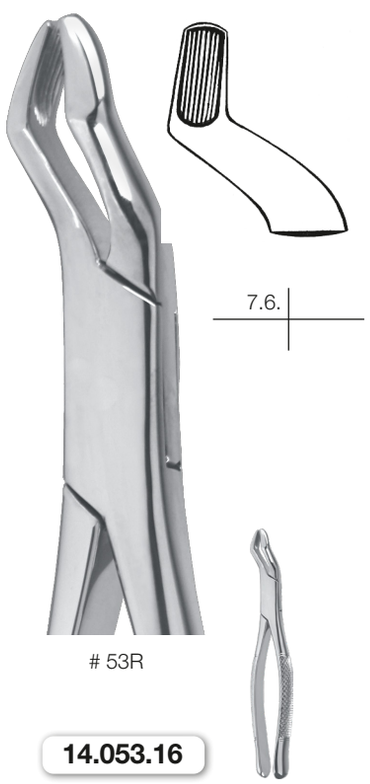
# 53L

**14.053.15**

# 17

**Standard**

**14.017.00**




# 53R

**14.053.16**

# 18L

**Harris**

**14.018.15**

## Extracting Forceps, American Pattern

2.1. | 1.2.

# 65

**14.065.00**

5.4.3.2.1. | 1.2.3.4.5.

# 69

**Tomes**

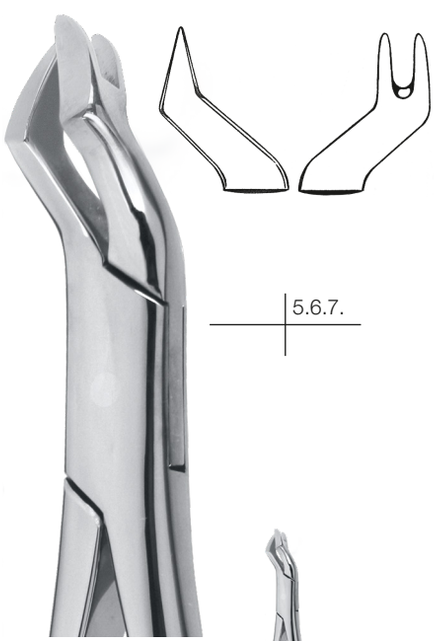
**14.069.00**

5.4. | 4.5.

# 101

**Hull**

**14.101.00**

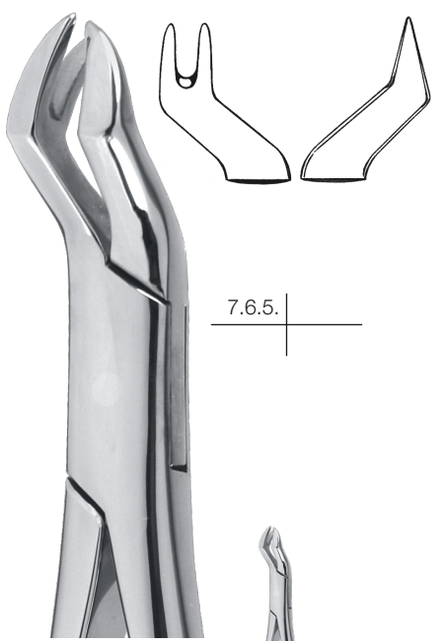


5.6.7.

# 88L

**Nevius**

**14.088.15**



7.6.5.

# 88R

**14.088.16**

## Extracting Forceps, American Pattern

**Diamond Version**

5.4.3.2.1. | 1.2.3.4.5.

# 150

**Cryer**

**14.150.00**

**14.150.00D**

5.4.3.2.1. | 1.2.3.4.5.

# 150S

**Cryer**

**14.150.05**

5.4.3.2.1. | 1.2.3.4.5.

# 151

**Cryer**

**14.151.00**

**14.151.00D**

5.4.3.2.1. | 1.2.3.4.5.

# 151A

**Cryer**

**14.151.01**

5.4.3.2.1. | 1.2.3.4.5.

# 151S

**Cryer**

**14.151.05**

## Extracting Forceps, American Pattern

**Diamond Version**

8. | 8.

# 210S

**14.210.05**

7.6. | 6.7.

# 217

**14.217.00**

5.4.3.2.1. | 1.2.3.4.5.

# 150AB

**14.150.10**

5.4.3.2.1. | 1.2.3.4.5.

# 151AS

**14.151.11**

**14.151.11D**

5.4.3.2.1. | 1.2.3.4.5.

# 150AS

**14.150.11**

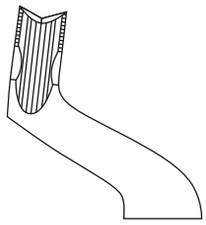
**14.150.11D**

## Extracting Forceps, American Pattern

8. | 8.

# 222

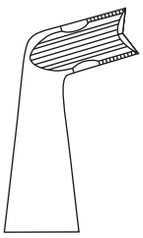
**14.222.00**



7.6. | 6.7.

# 10AS

**14.010.11**



7.6.5.4. | 4.5.6.7.

# 222AS

**14.222.11**

5.4.3.2.1. | 1.2.3.4.5.

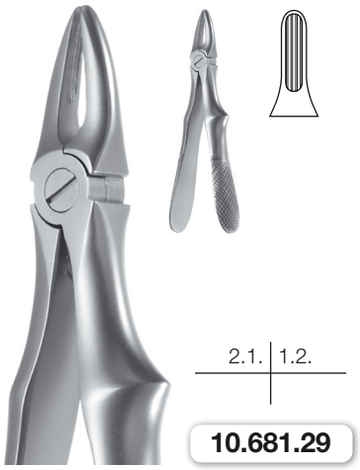
# 151AB

**14.151.10**

## Pedodontic Extracting Forceps

These pedodontic extracting forceps have been designed to be as small as possible in order to avoid frightening younger patients with large, aggressive-looking instruments, thereby providing relaxed working conditions.

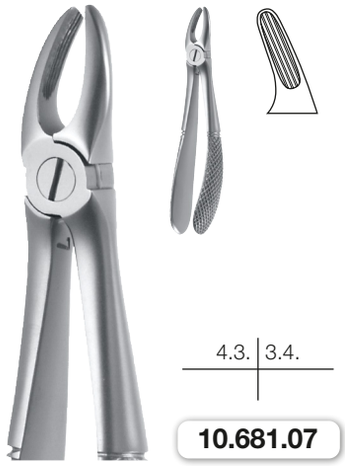
**Further RoBa-Design Pedodontic Extracting Forceps are illustrated on page 05-32!**



2.1. | 1.2.

**10.681.29**

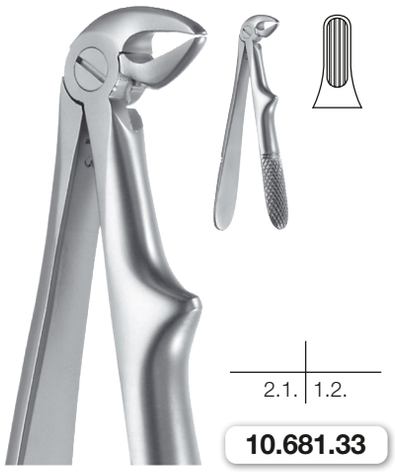
# 29



4.3. | 3.4.

**10.681.07**

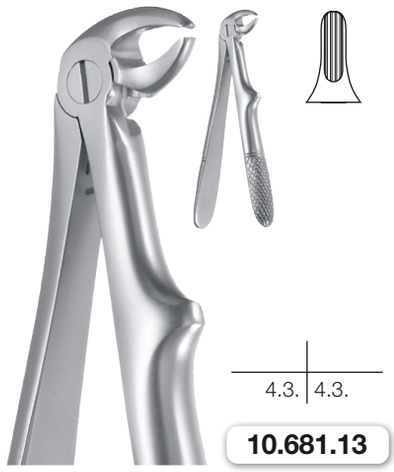
# 7



2.1. | 1.2.

**10.681.33**

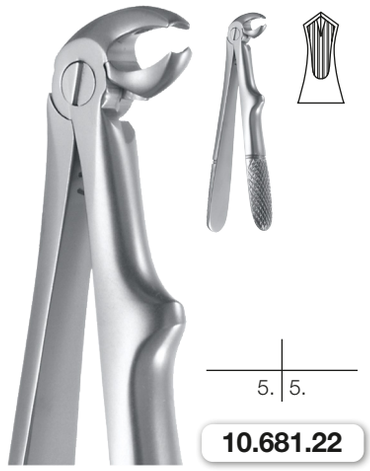
# 33



4.3. | 4.3.

**10.681.13**

# 13



5. | 5.

**10.681.22**

# 22

5.4.3. | 3.4.5.

**10.681.51**

# 51

5. | 5.

**10.681.52**

# 52

# ZEPF roba EDITION PATENTED

onyx DESIGN

## ZEPF RoBa-Edition

by dentist Beck

Dedicated to the long-standing employees Mr. Horst Roos and Mr. Reinhold Bacher, who worked for Helmut Zepf for more than 50 years since their time as trainee.
The **ZEPF** RoBa-Edition completes the innovative advancement of the famous ZEPF Xcision Extracting Forceps. It has been developed under the aspects of a secure and gentle appliance.

The problem of tooth fractures during extraction is considerably reduced due to the innovative geometry of the beaks.

The new ONYX coating makes the impact-resistant surface of these extracting forceps almost indestructible.

Compared with other methods, in ONYX coating the carrier material is applied in a more gentle way, as ONYX coating in comparison to other coatings is performed with significantly less influence of heat.

The surface shows excellent sliding features to reliably counteract contamination. An incrustation of proteins etc. is not possible.

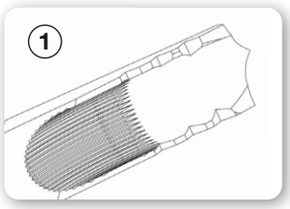
The matt-finished black surface not only prevents reflection of the OT light, but also guarantees an optimal contrast in the OR environment during extraction.

ZEPF roba EDITION PATENTED

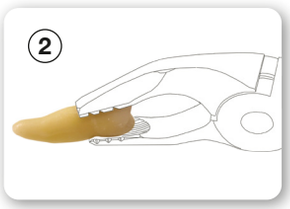
With the patented RoBa-Edition **HELMUT ZEPF** introduces a new generation of extracting forceps. Deduced from the ZEPF Xcision Instruments the RoBa-Edition has been especially developed in consideration of easy and gentle extraction.

The patented RoBa-Edition according to Dentist Beck is the consequential advancement of conventional extracting forceps with the advantages of the tapered deep-grip extracting forceps. The modified beaks according to Dentist Beck fit exactly on the teeth which ensures a maximum grip in the appliance. These new beaks are available for all figures in upper and lower jaw (incisors, premolars, molars and wisdom teeth).

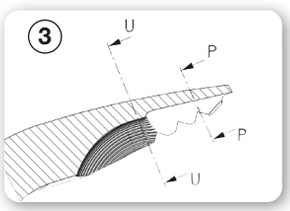
Due to the fact that all teeth show a convex crown contour (upper jaw: labial, buccal, palatal and in lower jaw: labial, buccal, lingual), the beaks have been developed under this anatomical conditions The handle is a protected design from **HELMUT ZEPF**, which was developed in cooperation with Dr. Maty, Germany.



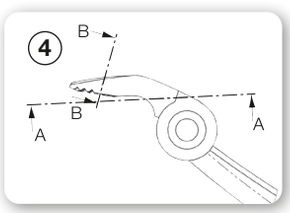

1 The serrated jaws grip onto into the teeth and avoid a “riding” in-between the tooth crown and the inner contour of the beak.




2 Concavely elaborated inner contours of the forceps beak fit in the convex tooth contour. With deep grip in the alveolus on the neck of the tooth or on the crown, the RoBa Edition ensures a parallel and maximum grip in any situation. Root fracture almost can be excluded.




3 The different deeply elaborated inner contours ensure maximal adaptation on the teeth in different actualities. No tilting of the teeth while rotary and / or lifting movement.




4 Tapered outside contour of the beak affords deep grip even subgingival.

onyx DESIGN

## Black Finish Coating

**Design meets functionality.**
Users with highest demands will appreciate the elegant, black finish providing the instrument with a non-reflecting, extremely smooth and scratch-resistant surface. The article number is complemented by **TI**.

1

PATENTED

**12.234.07ZTI**

## Diamond Version

All RoBa-Edition extracting forceps in the classic satin-metallic finished surface are available with diamond coating for a better grip.
The lower part of the ZEPF Xcision Handle is gold-plated. For ordering etc., just add a **D** to the article number.

2

PATENTED

**12.234.07ZD**

## RoBa Extracting Forceps

3.2.1. | 1.2.3.

**12.234.07Z**

**12.234.07ZD**

**12.234.07ZTI**

3.2.1. | 1.2.3.

**12.234.08Z**

**12.234.08ZD**

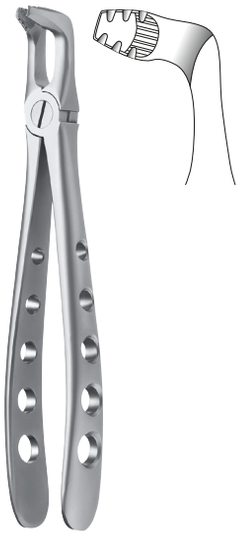
**12.234.08ZTI**

5.4. | 4.5.

**12.235.07Z**

**12.235.07ZD**

**12.235.07ZTI**



8. | 8.

**12.279.90Z**

**12.279.90ZD**

**12.279.90ZTI**

3.2.1 | 1.2.3.

**12.236.07Z**

**12.236.07ZD**

**12.236.07ZTI**

3.2.1. | 1.2.3.

**12.236.08Z**

**12.236.08ZD**

**12.236.08ZTI**

5.4. | 4.5.

**12.213.00Z**

**12.213.00ZD**

**12.213.00ZTI**

5.4. | 4.5.

**12.235.08Z**

**12.235.08ZD**

**12.235.08ZTI**

7.6.

**12.217.00Z**

**12.217.00ZD**

**12.217.00ZTI**

6.7.

**12.218.00Z**

**12.218.00ZD**

**12.218.00ZTI**

8. | 8.

**12.267.01Z**

**12.267.01ZD**

**12.267.01ZTI**

7.6. | 6.7.

**12.222.00Z**

**12.222.00ZD**

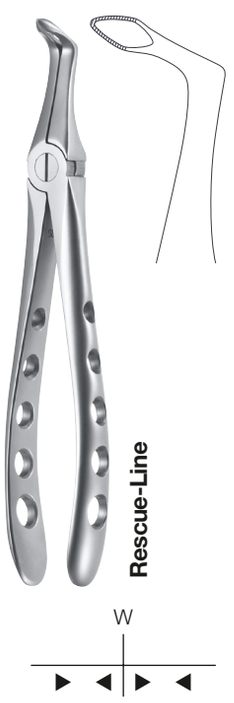
**12.222.00ZTI**

7.6. | 6.7.

**12.221.90Z**

**12.221.90ZD**

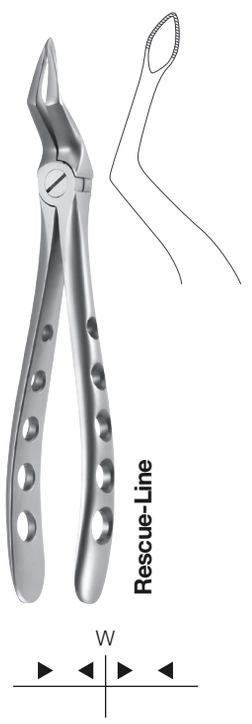
**12.221.90ZTI**




W

**12.045.15ZS**

**12.045.15ZSTI**




W

**12.051.15ZS**

**12.051.15ZSTI**

## Children Forceps RoBa-Edition

Extracting Forceps modif. by Dentist Beck

These deciduous teeth extraction forceps have been designed to be as small as possible in order to avoid frightening younger patients with large, aggressive-looking instruments, thereby providing relaxed working conditions.

The patented Deciduous Teeth RoBa-Edition Forceps according to Dentist Beck are the consequential advancement of conventional extracting forceps with the advantages of the tapered deep-grip extracting forceps. The modified beaks according to Dentist Beck fit exactly onto the teeth which ensures a maximum grip during the appliance.

ZEPF roba EDITION PATENTED

2.1. | 1.2.

**10.685.29**

**10.685.29ZD**

# 29

4.3. | 3.4.

**10.685.07**

**10.685.07ZD**

# 7

**Diamond Version**

2.1. | 1.2.

**10.685.33**

**10.685.33ZD**

# 33

4.3. | 3.4.

**10.685.13**

**10.685.13ZD**

# 13

5. | 5.

**10.685.22**

**10.685.22ZD**

# 22

5.4.3. | 3.4.5.

**10.685.51**

**10.685.51ZD**

# 51

5. | 5.

**10.685.52**

**10.685.52ZD**

# 52

The wear-resistant Teflon® disc eliminates wear and tear in the joints and provides a light action at all times.

exLOG PATENTED

+

ZEPF roba EDITION PATENTED

## ZEPF EXLOG RoBa Edition Extracting Forceps

With the new exLOG RoBa Edition ZEPF introduces a new generation of patented extraction forceps. Two patented extraction forceps are combined into one.

The EXLOG Forceps characterized by the fact that it's easy to disassemble and the RoBa characterized by its patented jaws.

It made sense to combine both patents as the combination results in a type of forceps which is easier to clean than ever before and additionally offers the dentist a functional extraction tool which leaves no desire unfulfilled.

These patented forceps are the consequent development of conventional forceps with the advantage of tapered and deep grip extraction forceps. The modified jaws exactly match the tooth and guarantee a maximum grip during the application.

# ZEPF EXLOG RoBa Edition Extracting Forceps

3.2.1. | 1.2.3.

**15.234.07**

**15.234.07D**

# 34N

3.2.1. | 1.2.3.

**15.234.08**

**15.234.08D**

# 34M

5.4. | 4.5.

**15.235.07**

**15.235.07D**

# 35N

5.4. | 4.5.

**15.235.08**

**15.235.08D**

# 35M

7.6. | 

**15.217.00**

**15.217.00D**

# 17

6.7.

**15.218.00**

**15.218.00D**

# 18

8. | 8.

**15.267.01**

**15.267.01D**

# 67A

8. | 8.

**15.279.90**

**15.279.90D**

# 79A

3.2.1. | 1.2.3.

**15.236.07**

**15.236.07D**

# 36N

3.2.1. | 1.2.3.

**15.236.08**

**15.236.08D**

# 36M

5.4. | 4.5.

**15.213.00**

**15.213.00D**

# 13

7.6. | 6.7.

**15.222.00**

**15.222.00D**

# 22

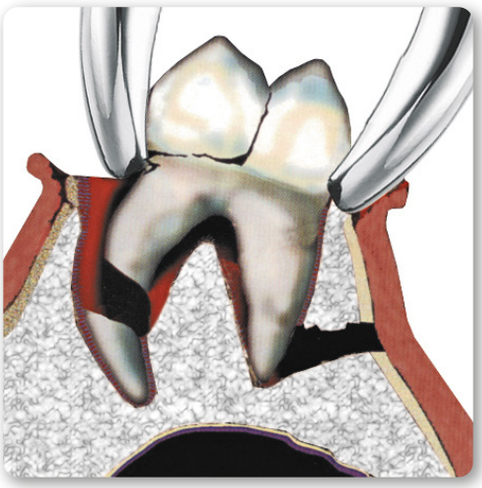
exLOG PATENTED

ZEPF roba EDITION PATENTED

## ZEPF EXLOG RoBa Edition Extracting Forceps

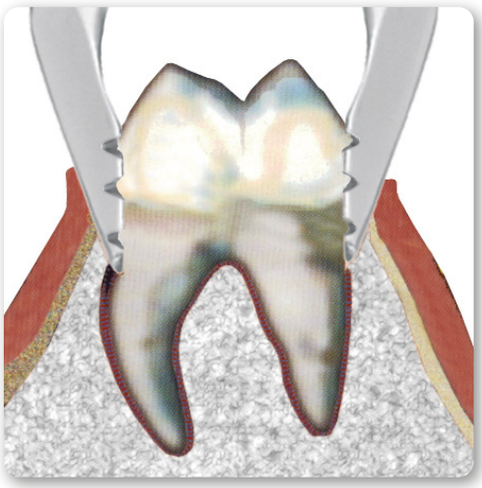
This new development involves all figures for maxilla and mandible (incisors, premolars, molars and wisdom teeth).
As every tooth shows a convex crown shape (maxilla: labial, buccal, palatal – in the mandible: labial, buccal, lingual), the jaw was developed according to these anatomical conditions.

- excellent anatomical adaption on the neck of the tooth surface
- tapered jaws for less traumatization and for conservation of the alveolus
- better fibre dilatability and increased sense of touch
- optimal cleaning due to the possibility to disassemble the forceps into two pieces (RKI compliant)
- long life time, patented, high precision joint for radial and axial pressure
- produced from one piece (5-axis CNC milling) and therefore ultra precise
- no maintenance of the joint



**The following problems might occur if the extraction forceps are not suitable:**

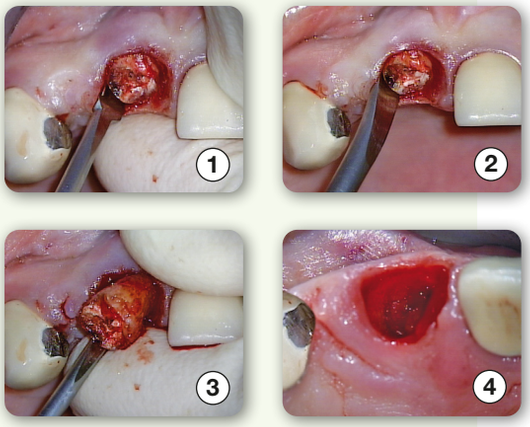
- root fracture
- crown fracture
- damage of the soft tissue caused by bruising
- damage of the alveolar ridge and the buccal bone lamella



**Advantages of deep-grip extraction forceps:**

- due to the specially shaped jaws it is easy to place the forceps subgingivally directly on the root (below the gingival margin)
- parallel contact on the root
- atraumatic, as the soft tissue is not bruised
- root fractures are avoided
- slim jaw design for subgingival grip without bruise of the soft tissues

## X-tod Instruments




In the illustrations an extraction under use of the X-tod Instruments is shown.

**IMPORTANT:** Complete removal of all inflammable and convective tissue structures.

1. Initial loosening of the desmodontal fibres. Apply the X-Desmo-Tool first approximally then buccally and palatinally (pencil handle).

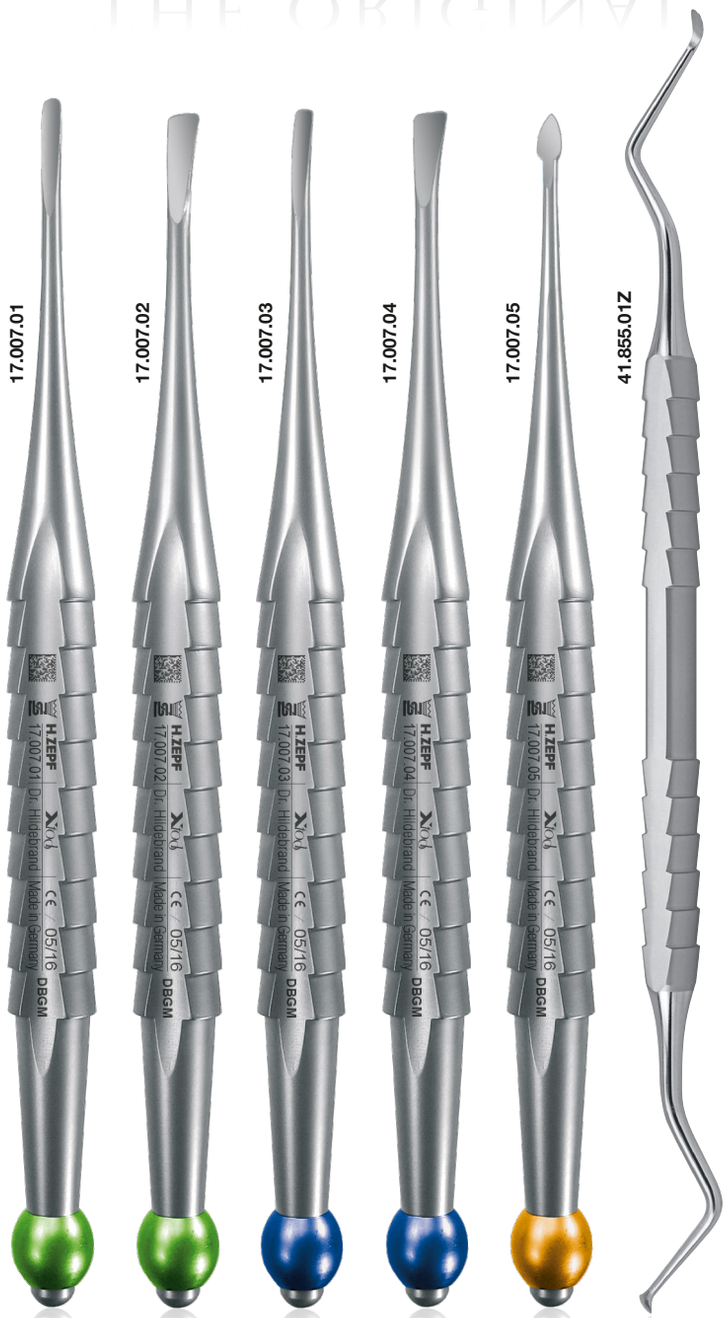
2. Then progressive luxation with the X-Luxa-Tool (first narrow then wide). Ideal positions: Approximal (mesial or distal) to the tooth which should be extracted!

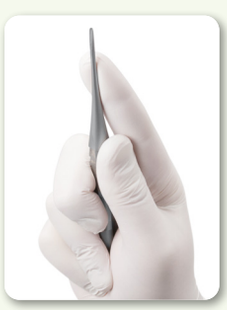
3. Complete luxation of an upper right molar with support of a wide X-Luxa-Tool. Gentle extraction without root fractures!

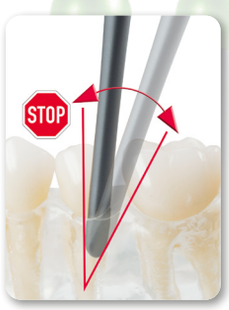
4. Inspection of the empty tooth socket and curettage with support of the X-Spoon.

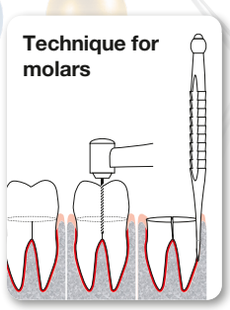
X-tod
Acc. to Dr. Detlef Hildebrand

THE ORIGINAL







## Xtool Instruments

Acc. to Dr. Detlef Hildebrand

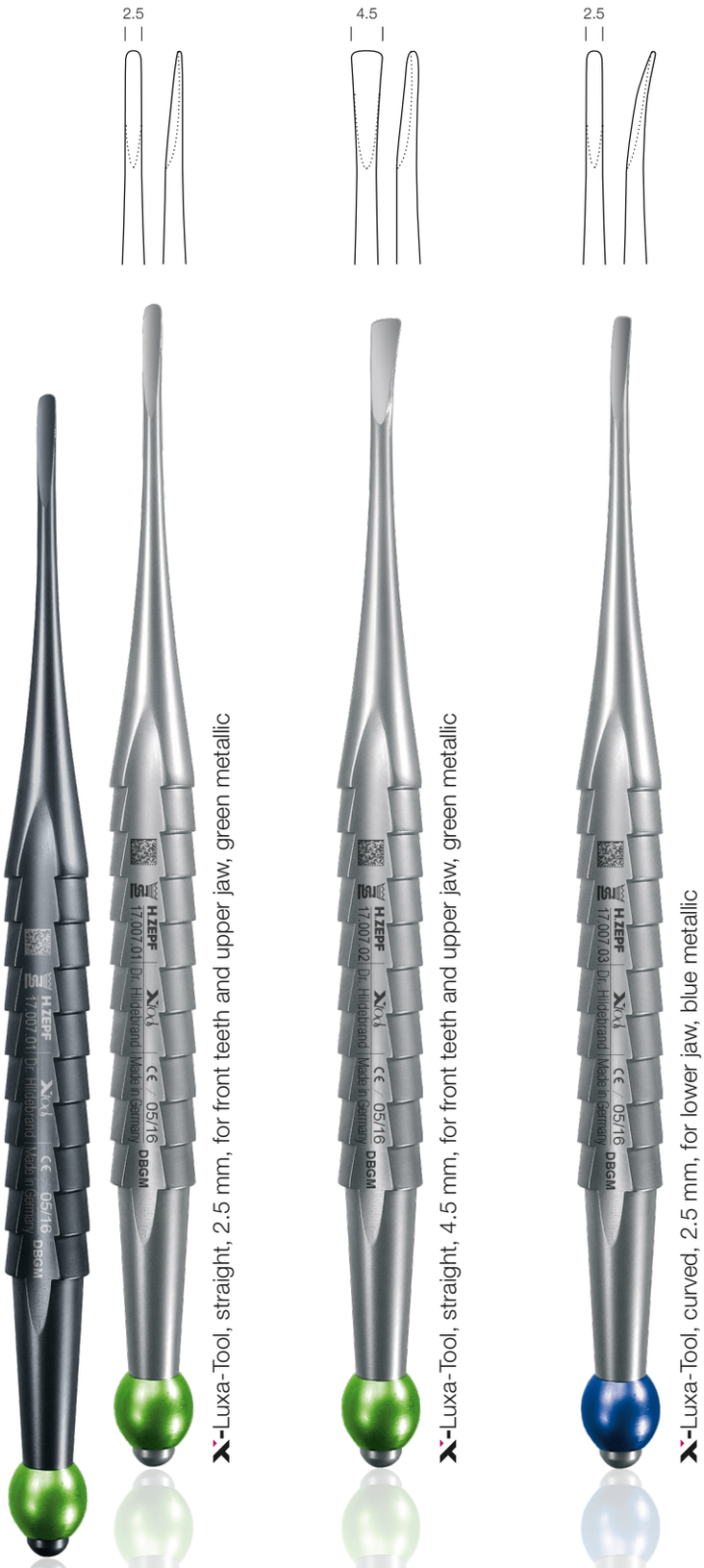
# THE ORIGINAL

The implantology with immediate insertion after the tooth extraction is more and more a focus of interest in modern dentistry. It appears to be more than necessary to protect soft and hard tissue structures already during the extraction phase and to follow the principles of minimal invasiveness. Here is an ideal complement for this:

The Xtool Instruments! In contrast to existing instruments this clearly arranged and universal Xtool Set supports you during the gentle and uncomplicated extraction of teeth which cannot be preserved.

**Modern therapy methods require modern instruments!**

- Color coding for clear handling.
- Universal and complete extraction instruments in one tray.
- Ergonomic handle design (pencil-design) prevents unintended slipping during usage.
- Direct and controlled power transmission to prevent tooth and root fractures.
- Non-traumatic tooth extraction without injuring surrounding structures.




X-Luxa-Tool, straight, 2.5 mm, for front teeth and upper jaw, green metallic

X-Luxa-Tool, straight, 4.5 mm, for front teeth and upper jaw, green metallic

X-Luxa-Tool, curved, 2.5 mm, for lower jaw, blue metallic

straight

**17.007.01**

**17.007.01TI**

straight

**17.007.02**

**17.007.02TI**

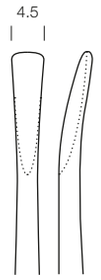
curved

**17.007.03**

**17.007.03TI**

## onyx Black Finish Coating

**Design meets functionality.**
Users with highest demands will appreciate the elegant, black finish providing the instrument with a non-reflecting, extremely smooth and scratch-resistant surface. The article number is complemented by **TI**.

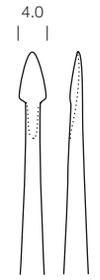


X-Luxa-Tool, curved, 4.5 mm, for lower jaw, blue metallic

curved

**17.007.04**

**17.007.04TI**

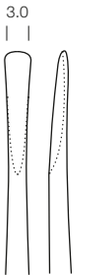


X-Desmo-Tool, straight, 4.0 mm, for initial loosening of the desmodontal fibres, yellow metallic

straight

**17.007.05**

**17.007.05TI**

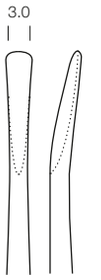


X-Luxa-Tool, straight, 3.0 mm, green metallic

straight

**17.007.06**

**17.007.06TI**

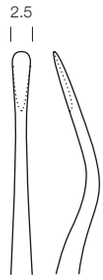


X-Luxa-Tool, curved, 3.0 mm, blue metallic

curved

**17.007.07**

**17.007.07TI**

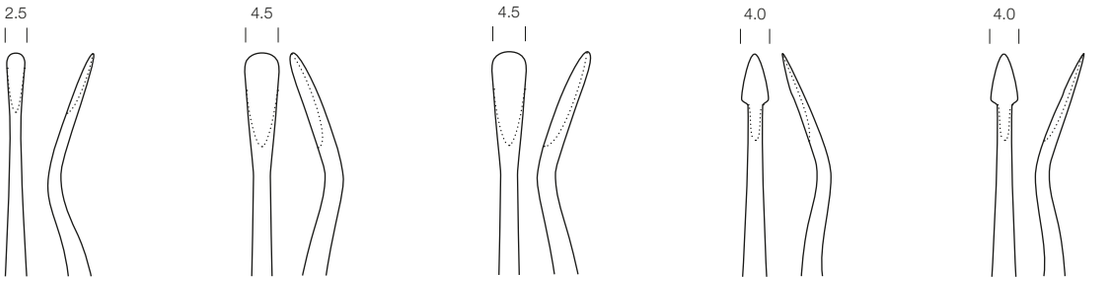


X-Approximal Root Elevator, curved, 2.5 mm, # 77S, distal elevator, purple metallic

curved

**17.008.01**

**17.008.01TI**



X-Approximal Root Elevator, curved, 2.5 mm, # 77RS, mesial elevator, purple metallic

X-Approximal Root Elevator, curved, 4.5 mm, # 77L, distal elevator, yellow metallic

X-Approximal Root Elevator, curved, 4.5 mm, # 77RL, mesial elevator, yellow metallic

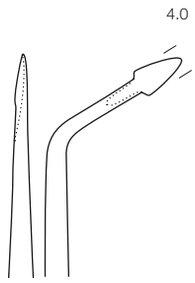
X-Syndesmotome, curved, 4.0 mm, for distal access, purple metallic

X-Syndesmotome, curved, 4.0 mm, for mesial access, purple metallic

curved | curved | curved | curved | curved

**17.008.02** | **17.008.03** | **17.008.04** | **17.008.05** | **17.008.06**

**17.008.02TI** | **17.008.03TI** | **17.008.04TI** | **17.008.05TI** | **17.008.06TI**

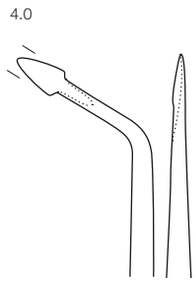


X-Syndesmotome, curved left, 4.0 mm, for lingual/buccal luxation, yellow metallic

curved

**17.008.08**

**17.008.08TI**

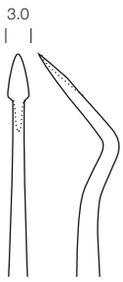


X-Syndesmotome, curved right, 4.0 mm, for lingual/buccal luxation, yellow metallic

curved

**17.008.09**

**17.008.09TI**

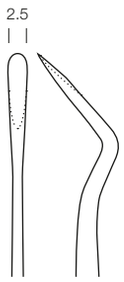


X-Apical Desmotome, mesial bending, 3.0 mm, for apical access to the deep-lying root stump, brown metallic

curved

**17.008.10**

**17.008.10TI**

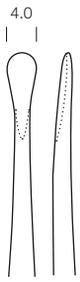


X-Apical Elevator, mesial bending, 2.5 mm, for apical access to the deep-lying root stump, brown metallic

curved

**17.008.11**

**17.008.11TI**

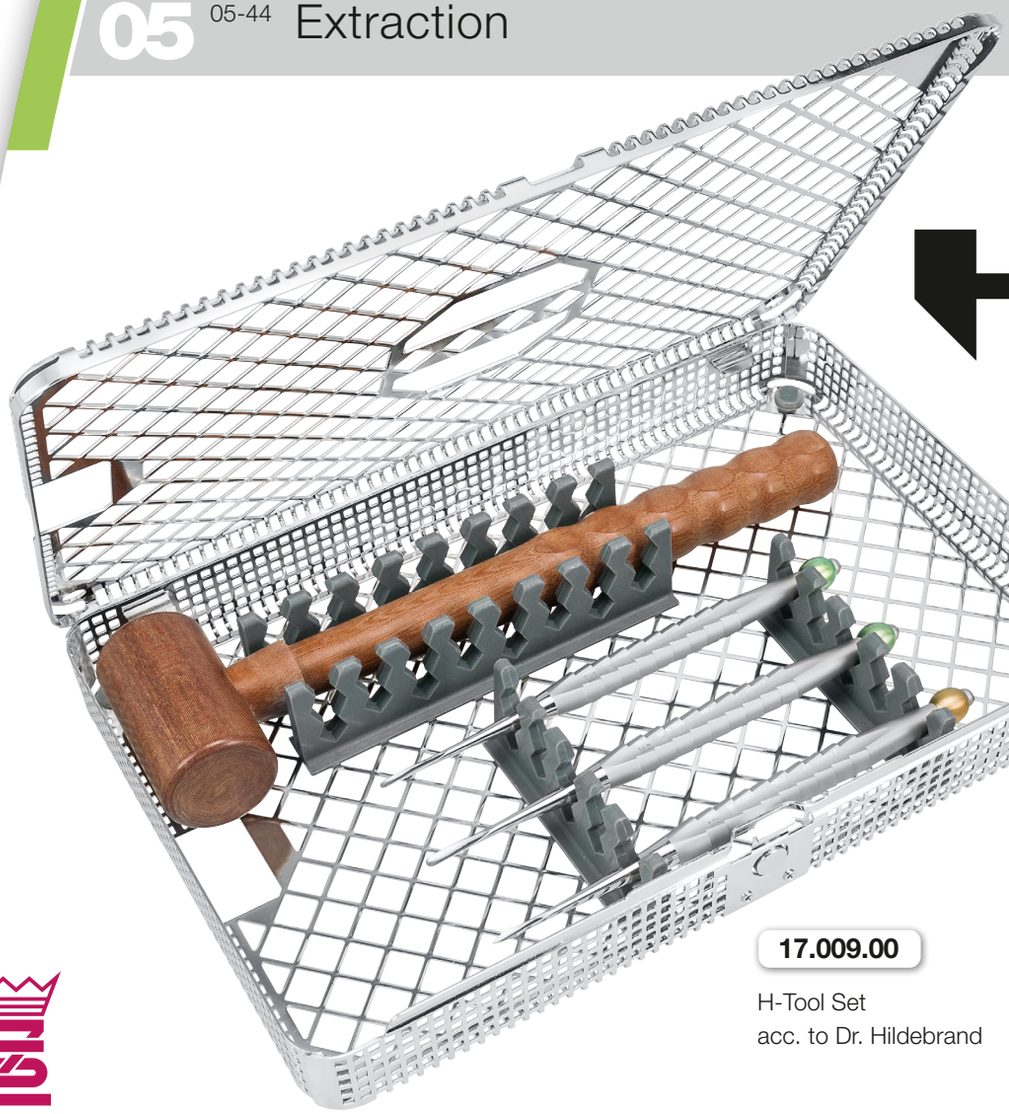


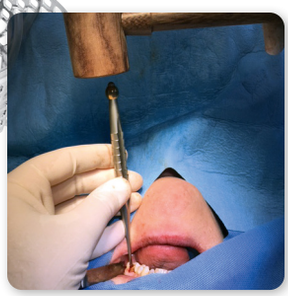
X-Separator, straight, 4.0 mm, for the luxation of separated roots, purple metallic

straight

**17.008.90**

**17.008.90TI**





**17.009.00**

H-Tool Set
acc. to Dr. Hildebrand

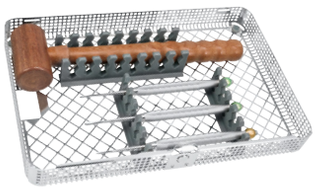
# H-Tool Set

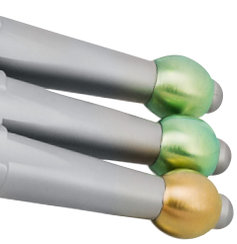
acc. to Dr. Hildebrand

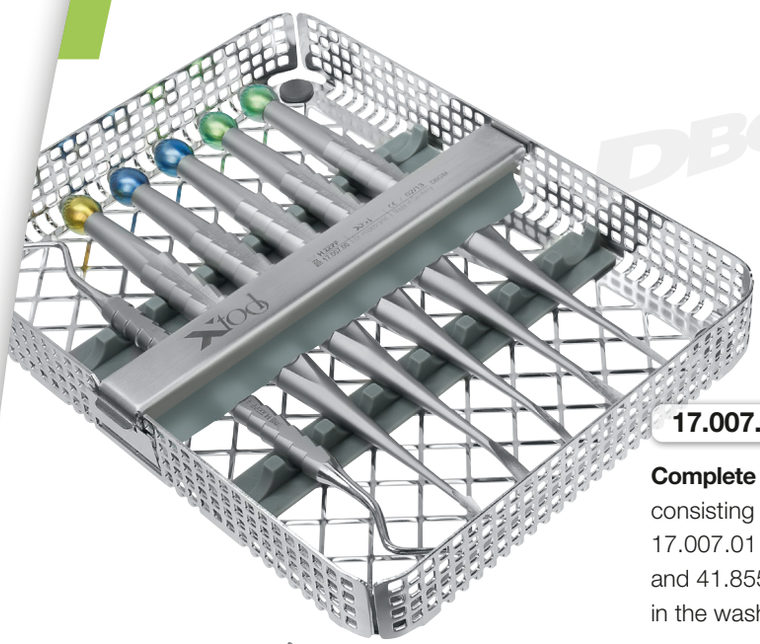
The new H-Tools developed by Dr. Hildebrand are a continuation of the successful X-Tool concept.
The instrument tips are very flat and sharp pointed.
The instruments are inserted along the root axis and the alveolar cavity is widened by advancing the H-Tool apically along the root of the tooth to be extracted with gentle hammer blows.

The light ferrozell hammer with a diameter of 35 mm enables work to be carried out safely.
Thanks to the extremely light construction, this hammer produces a far less unpleasant feeling in the patient than using a hammer with hard plastic inserts or in the worst case with a metal head.

## Content: H-Tool Set

| Illustration | Article Description | Description |
|---|---|---|
|  | **17.009.00**<br>H-Tool Set acc. to Dr. Hildebrand<br>organized in a washbasket,<br>including a Ferrozell hammer and<br>H-Tools, consisting of: | Complete set |
| | **41.503.01**<br>Hammer, Ferrozell<br>head Ø 35 mm, 100 g, total weight 180 g,<br>250 mm long, fitting washbasket | 1 piece |
| | **17.009.01**<br>H-Tool #1, straight, tip 3.5 mm, green ball | 1 piece |
| | **17.009.02**<br>H-Tool #2, straight, tip 2.5 mm, green ball | 1 piece |
| | **17.009.05**<br>H-Tool #5, straight, tip 3.0 mm, gold colored ball | 1 piece |
| | **85.195.00**<br>Washbasket 1/1<br>as rack for the remaining components | 1 piece |
| | **85.181.04**<br>Profile, high, universal<br>130 mm / for 8 instruments | 2 pieces |
| | **85.181.05**<br>Profile, high, universal<br>81 mm / for 5 instruments | 2 pieces |





**17.007.00**

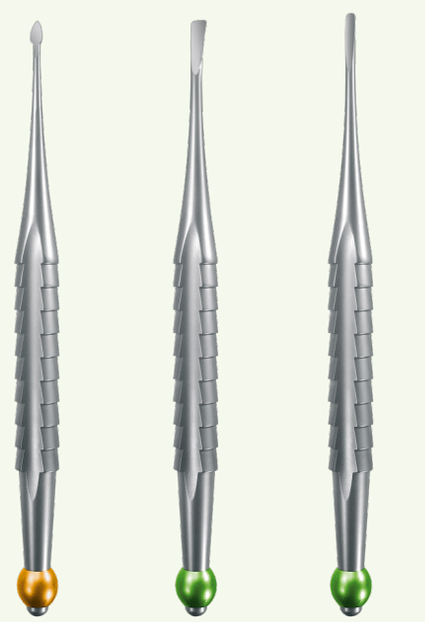
**Complete Set**
consisting of
17.007.01 - 17.007.05
and 41.855.01Z
in the washtray

## ZEPF-Xtod-Tray

DBGM acc. to Dr. Detlef Hildebrand

**“Extraction in its most pleasant way”**

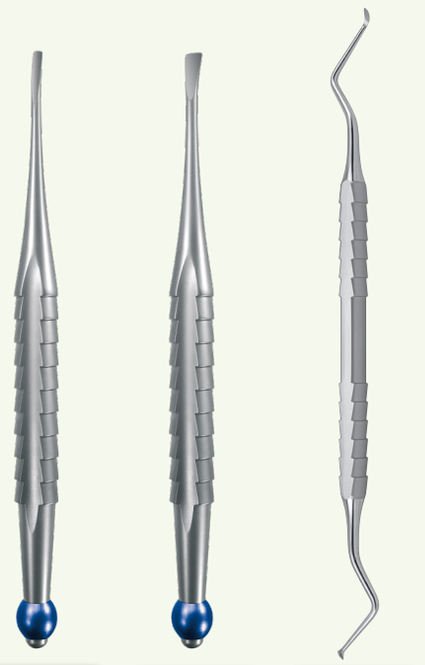
The ZEPF-Xtod-Tray offers a universal instrument set for medical tooth extraction. The Xtod instrumentation includes six different instruments:



**17.007.05**
straight

**17.007.02**
straight

**17.007.01**
straight



**17.007.03**
curved

**17.007.04**
curved

**41.855.01Z**
curved

**41.855.01Z** Lucas Scraper, 2.5 mm, double-ended, 17.5 cm

- **X-Desmo-Tool (yellow):**
The X-Desmo-Tool easily penetrates into the periodontal gap with its pointed tip and initially loosens the Sharpey’s Fibres. The modified pencil handle and the handy shaft shape offer a depth sensibility like never experienced before without destroying related structures.

- **X-Luxa-Tool-3 (blue):**
bent + narrow
for tooth loosening

- **X-Luxa-Tool-1 (green):**
straight + narrow:
A delicate and controlled power transmission guarantees a specific loosening and luxation of the tooth without any risk of crown or root fractures.
**Ideal position:** approximal (mesial or distal) to the tooth which is to be extracted.

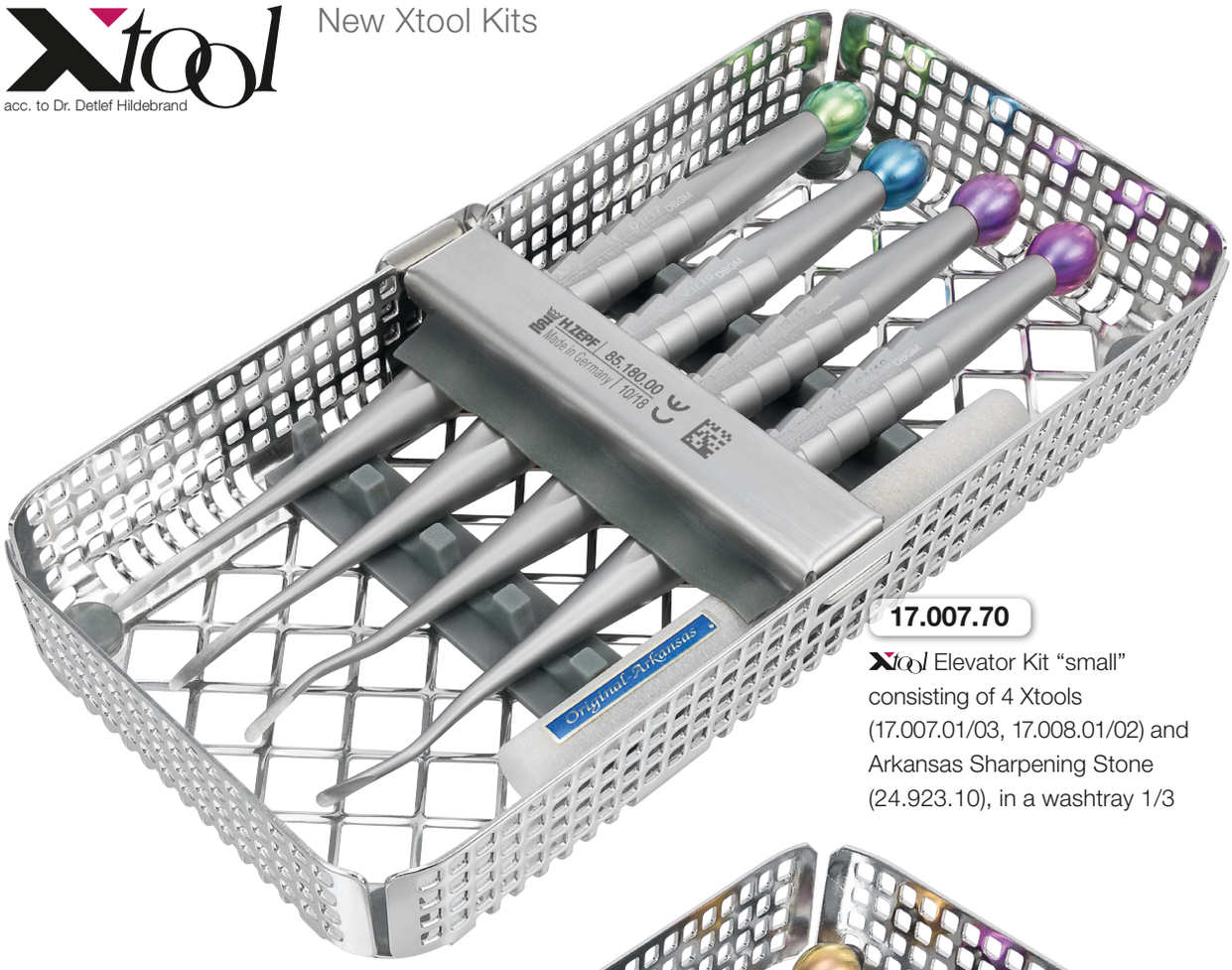
- **X-Luxa-Tool-2 (green):**
straight + wide:
Complete, non-traumatic luxation of upper molars (e.g. tooth 16). The ergonomic instrument shape ensures a gentle extraction without tooth fractures or any damage to the alveolar wall.

- **X-Luxa-Tool-4 (blue):**
bent + wide:
for tooth luxation

- **Lucas Schaber ZEPF-Line:**
Inspection and curettage of the empty dental alveolus. Complete removal of all inflamed and connective tissue fibres.

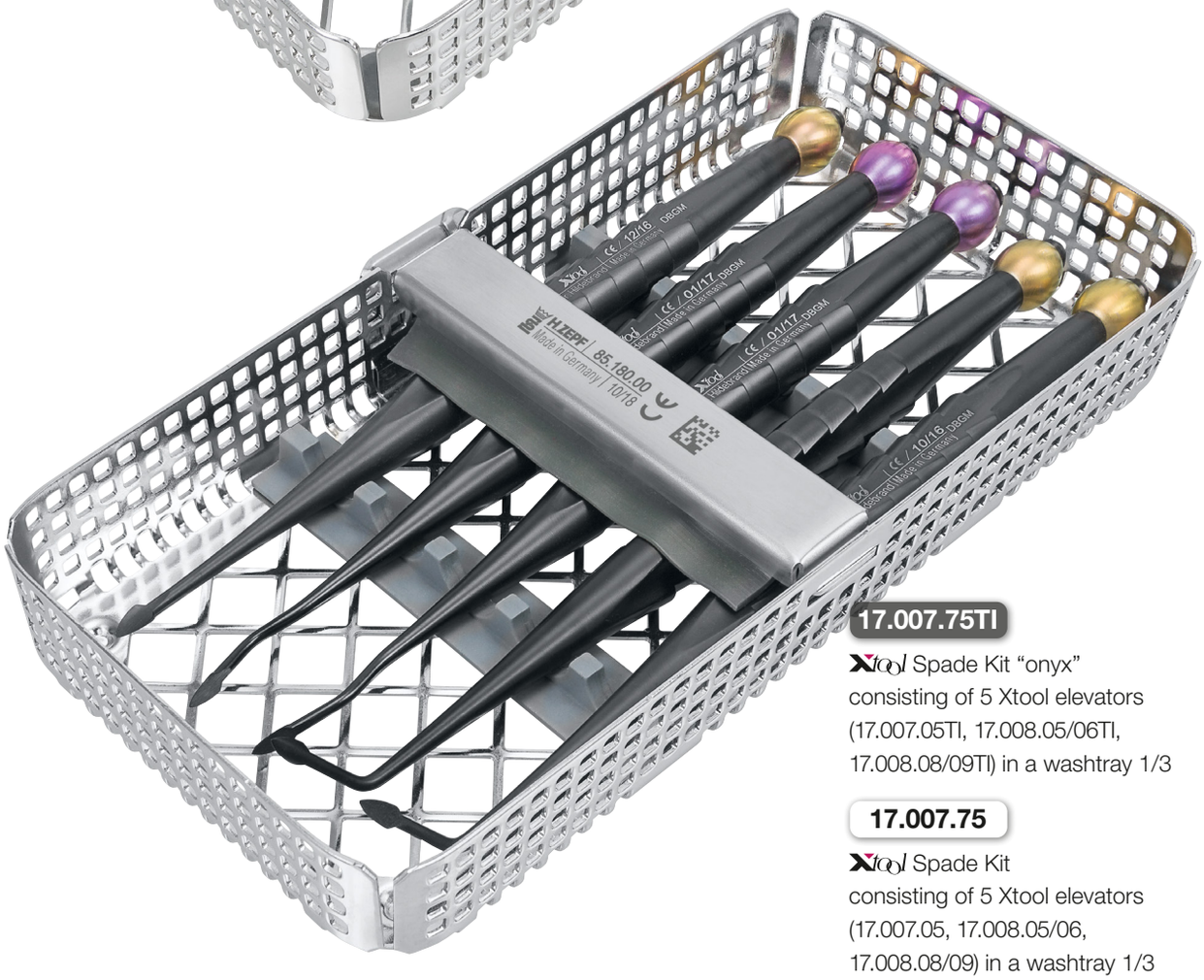
Xtool
acc. to Dr. Detlef Hildebrand

## New Xtool Kits




**17.007.70**

Xtool Elevator Kit “small”
consisting of 4 Xtools
(17.007.01/03, 17.008.01/02) and
Arkansas Sharpening Stone
(24.923.10), in a washtray 1/3




**17.007.75TI**

Xtool Spade Kit “onyx”
consisting of 5 Xtool elevators
(17.007.05TI, 17.008.05/06TI,
17.008.08/09TI) in a washtray 1/3

**17.007.75**

Xtool Spade Kit
consisting of 5 Xtool elevators
(17.007.05, 17.008.05/06,
17.008.08/09) in a washtray 1/3

## Xtool Instruments

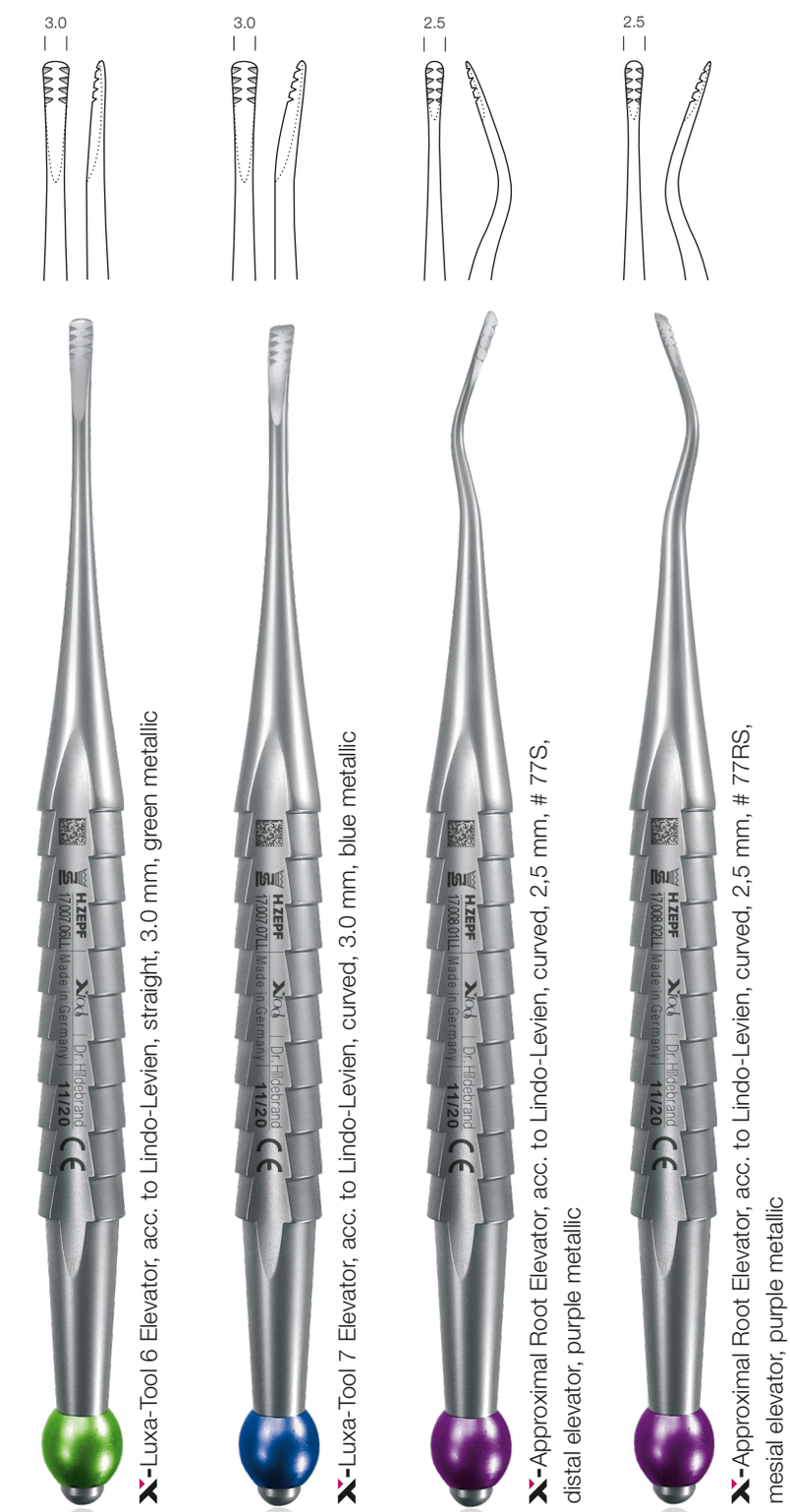
with serration acc. to Lindo-Levien

In modern dentistry, implantology with immediate insertion after tooth removal is increasingly becoming the focus of attention. In order to follow the principle of minimal invasiveness, it is imperative to preserve the surrounding hard and soft tissue as much as possible during extraction.

For this purpose, we have supplemented our Xtool range by 4 modified instruments that have an additional Lindo-Levien serration.

The fine Lindo-Levien serration enables the Xtool instrument to be fixed to the tooth root in a non-slip manner, thus facilitating extraction of the tooth by means of a counteracting force without leverage.

For cleaning the alveolus after extraction we recommend our Lucas curettes. The serrated Lucas curettes support a safe treatment in the field of cyst removal.




X-Luxa-Tool 6 Elevator, acc. to Lindo-Levien, straight, 3.0 mm, green metallic

X-Luxa-Tool 7 Elevator, acc. to Lindo-Levien, curved, 3.0 mm, blue metallic

X-Approximal Root Elevator, acc. to Lindo-Levien, curved, 2,5 mm, # 77S, distal elevator, purple metallic

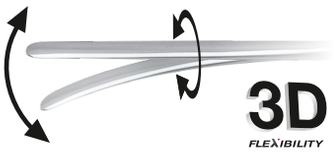
X-Approximal Root Elevator, acc. to Lindo-Levien, curved, 2,5 mm, # 77RS, mesial elevator, purple metallic

| straight | curved | curved | curved |
|---|---|---|---|
| **17.007.06LL** | **17.007.07LL** | **17.008.01LL** | **17.008.02LL** |

Xtool

THE ORIGINAL

## ZEPF *FLEX*-EX Power Periotome




**26.690.10** ZEPF *FLEX*-EX Power Periotome

While using new materials, we were successful in the development of the ZEPF *FLEX*-EX Power Periotome, a symbiosis of Power Periotome, Elevator and Xtool.
The flexible working tip will enable you to build up a phenomenal pressure for the luxation in a radial direction and a perfect match to the contour of the tooth at the same time without bending. The name stands for the excellent product features united in this instrument.

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## ZEPF Power Periotome

The Power Periotomes allow a gentle loosening of ligaments in the sulcus.
The handle allows optimal power transmission and controlled luxation.

**26.690.01** Power Periotome, P1 XL, purple

**26.690.02** Power Periotome, P2 XL, mesial, blue

**26.690.03** Power Periotome, P3 XL, distal, green

## Ergonomical and heavy

Heavy, ergonomic handle design with exchangeable tips, for optimal access to all quadrants.

**26.182.01**

P1, straight, Ø 2.5 mm, 2.5 x 17.8 mm

**26.182.02**

P2, straight, Ø 2.5 mm, 1.7 x 14 mm

**26.182.03**

P3, angulated, Ø 2.5 mm, 1.7 x 12.5 mm

**26.182.04**

P4, mesial / distal angulated, Ø 2.5 mm, 1.7 x 12.5 mm

**26.182.00** Periotome Handle

**17.045.00** Approximal Desmotome, # 0, straight, 3 mm, exchangeable, M 4 x 0.5, single-ended

**17.045.04** Approximal Desmotome, # 4, distal bending, 3 mm, exchangeable, M 4 x 0.5, single-ended

**17.045.05** Approximal Desmotome, # 5, mesial bending, 3 mm, exchangeable, M 4 x 0.5, single-ended

## **ZEPF**-Line 2 in 1 Periotomes

The 2 in 1 Periotomes acc. to Dr. Karl-Ludwig Ackermann are saving time as they are reducing the annoying exchange of instruments.

**26.182.23** **Periotome Combination P3/P2**
**ZEPF**-Line, double-ended, exchangeable inserts

**26.182.24** **Periotome P4 / straight Sharp Spoon Ø 3.0 mm**
**ZEPF**-Line, double-ended, exchangeable inserts

---

## **ZEPF**-Line Periotomes

**For the Separation of the Sharpey's Fibers in the Sulcus**

Before the usage of any root elevator or extraction forceps it is necessary to separate the Sharpey's Fibers in the sulcus with a periotome in order to do an atraumatic tooth extraction. To do so, the periotome is to be pulled through the sulcus.
The correct application saves the gingiva and the periosteum. The special design in the grip area guarantees a pleasant grip and extremely easy handling.

**26.182.11** **ZEPF**-Line, exchangeable

**26.182.12** **ZEPF**-Line, exchangeable

**26.182.13** **ZEPF**-Line, exchangeable

## Root Elevators

Root elevators are used for the surgical tooth extractions. They are used to luxate the tooth in the osseous alveolus and to expand the alveolus walls. They are also used to open the gingival sulcus prior to the tooth extraction.

Straight instruments are used in the anterior region and in the maxillary area. Curved root elevators are ideal for the back teeth in the mandible.

## The Workmanship

The shafts of **HELMUT ZEPF** Root Elevators are welded onto their hollow handles, and each and every one is checked for leakage at their welded joints.
This manufacturing method virtually eliminates the leakage compared to cheap root elevators with pressed-in shafts.

**Bein**
(B) 17.001.01
(S) 17.001.11

**Bein**
(B) 17.001.02
(S) 17.001.12

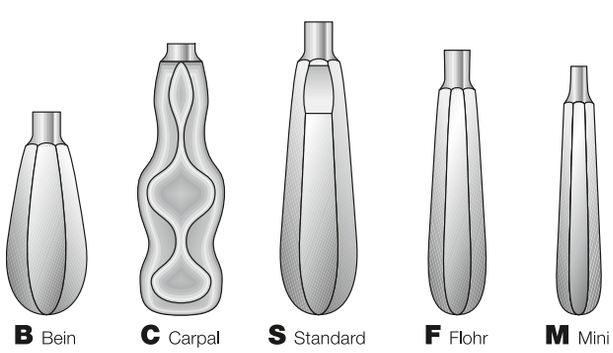
**Bein**
(B) 17.001.03
(S) 17.001.13

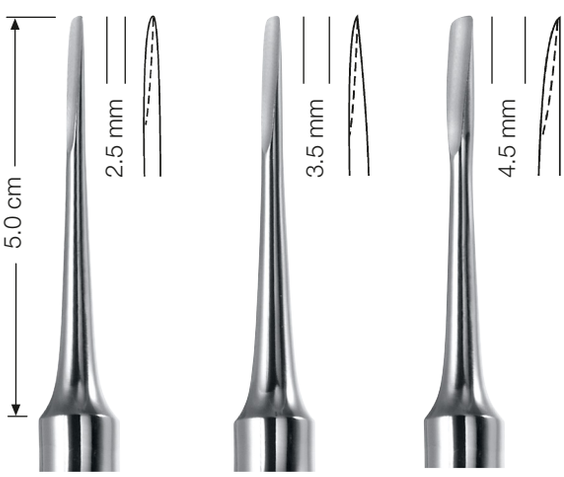
**Bein**
(B) 17.001.00
(S) 17.001.10

## The Handle Versions

Except for the Xtool-Series, the Elevators from **HELMUT ZEPF** mainly differ in their 5 different handle designs such as: 'Bein', 'Carpal', 'Standard', 'Flohr', 'Mini'.

These are handle versions which can be assigned easily due to their letter coding:



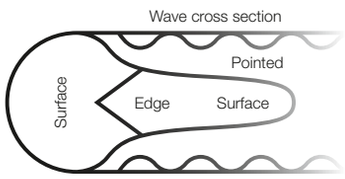




**Gärtner**
(B) 17.013.00

**Gärtner**
(B) 17.013.01

**Gärtner**
(B) 17.013.02

# Modified Root Elevator Beck

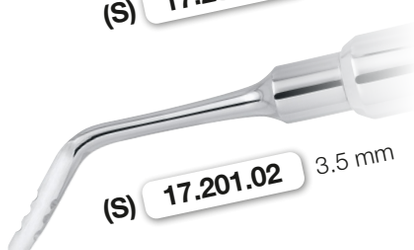


(S) **17.200.01** 2.8 mm

(S) **17.200.02** 3.5 mm

(S) **17.200.03** 4.0 mm

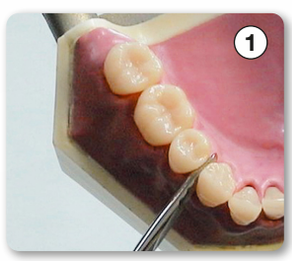
(S) **17.201.01** 3.5 mm

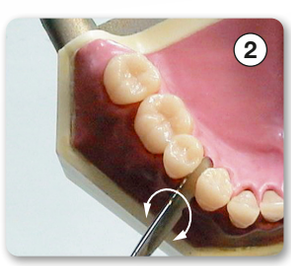

(S) **17.201.02** 3.5 mm

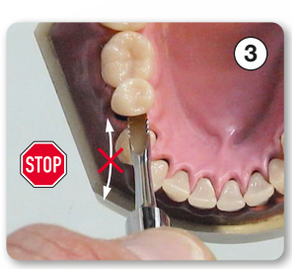
The elevator works during the luxation step with 5-7 supporting points (Hypomochlion), which avoids slipping through because of the different surfaces around the radius, instead of a common round-edged instrument, which works with 1-2 supporting points only.

This makes the Beck Root Elevator much more effective.

## Instructions



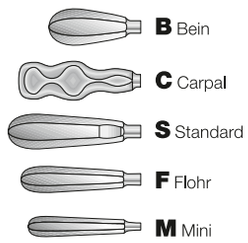




(1) Because of the elliptical shape of the instrument tip, it is easy to penetrate the interdental space with this instrument.

(2) Due to the shape, by turning the instrument through 180° it is possible to luxate in four directions:
2 x mesially and 2 x distally.

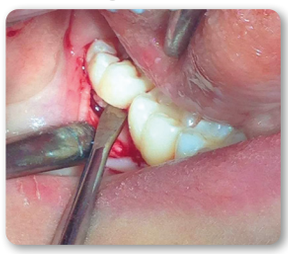
(3) **Attention!** These instruments must not be used as a lever, as shown e.g. in picture 3. Due to the special shape, an over-strengthening of the tip can cause breakage. We cannot be held responsible for damages caused by improper use.

## Root Elevator No. 195




The drop-shaped, blunt working end makes the new **ZEPF** Root Elevator No. 195 ideal for the separation and luxation of roots. The tapered working end allows its special use in the molar region in all quadrants. It can also be used for initial loosening of the desmodontal connection.

Due to its geometry and smooth luxation and rotary motion, the root fragment to be removed will be moved very easily in “crestal direction” (in relative terms!). The luxated fragment can therefore be grasped easily with deep-gripping forceps or with Luer bone rongeur forceps.



Picture:
Courtesy of Dr. Florian Steck

**(S) 17.195.00** Root Elevator No. 195

---

## Lindo-Levien Root Elevators

The LINDO-LEVIEN Root Elevators are pushed into the periodontal gap in apical direction until the serrations will grip on the roots. The root is extracted via a barb effect by straight pulling without leverage.

4.0 mm

**(S) 17.395.01** # LLL

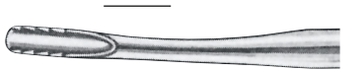
3.5 mm

**(S) 17.395.02** # LLM

3.0 mm

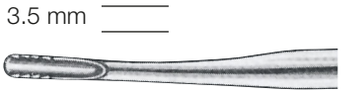
**(S) 17.395.03** # LLS

4.0 mm



**(S) 17.396.01** # LLLC

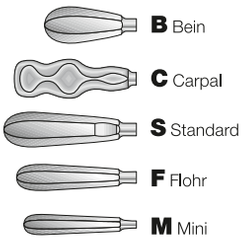
3.5 mm



**(S) 17.396.02** # LLMC

3.0 mm

**(S) 17.396.03** # LLSC




## Heidbrink Root-Splinter Elevators

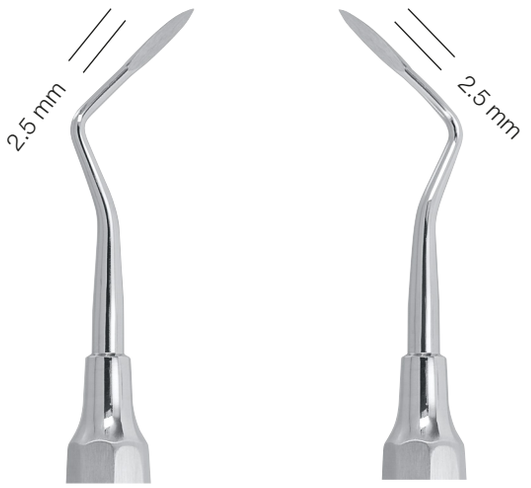
All-purpose instruments for gently extracting root splinters.

**Straight** (without picture):

**(M)** **17.051.01**
**(S)** **17.052.01**

**Angled**:

**(F)** **17.053.02** **(F)** **17.053.03**




**(M)** **17.051.02**
**(S)** **17.052.02**

**(M)** **17.051.03**
**(S)** **17.052.03**

## **ZEPF**-Line Heidbrink Root-Splinter Elevators

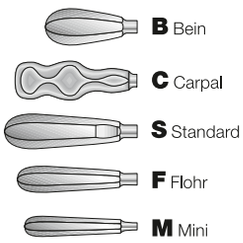
The fine working tips of the Heidbrink Root-Splinter Elevators allow the palpation and mobilization even of small root remnants.

**Example for serrations:**

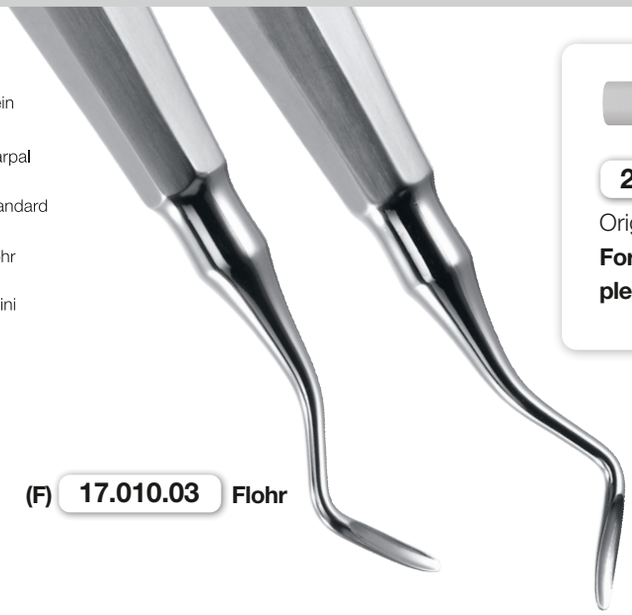
**17.055.01** **Heidbrink**
**17.056.01** **Heidbrink, serrated**

**17.055.02** **Heidbrink**
**17.056.02** **Heidbrink, serrated**

**17.055.03** **Heidbrink**
**17.056.03** **Heidbrink, serrated**



**24.923.10**
Original Arkansas Stone
**For further information, please refer to page 03-41!**



(F) **17.010.03** Flohr

(F) **17.010.02** Flohr

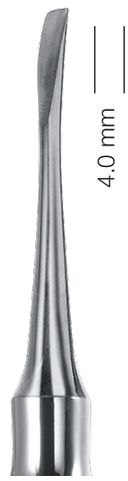
Seldin
(S) **17.100.35**




Seldin
(S) **17.100.46**

(S) **17.100.60**
(B) **17.101.60**

(S) **17.100.61**
(B) **17.101.61**



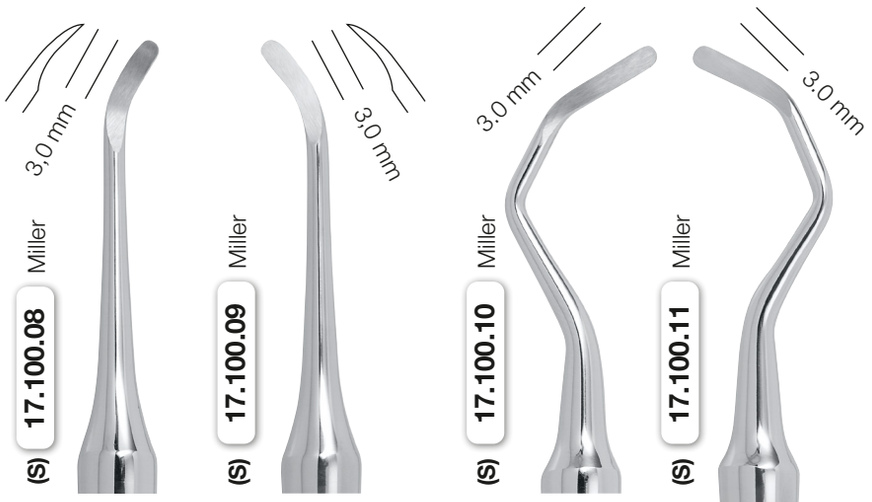

(S) **17.100.62**
(B) **17.101.62**

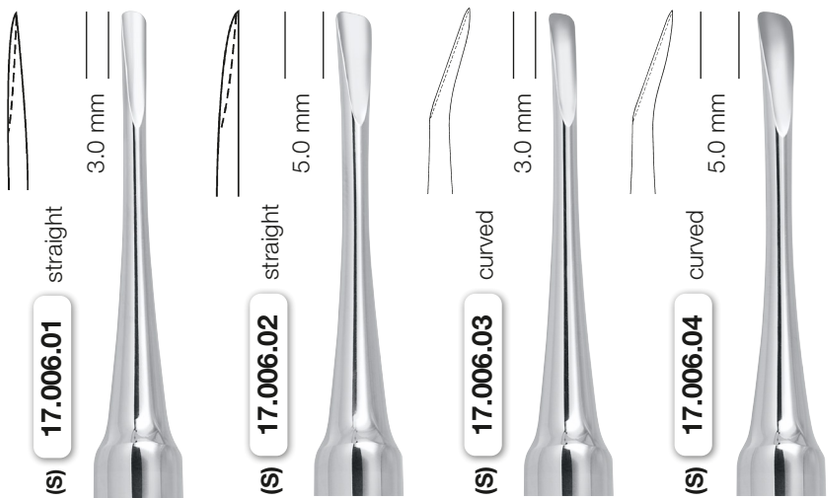
(S) **17.100.57**

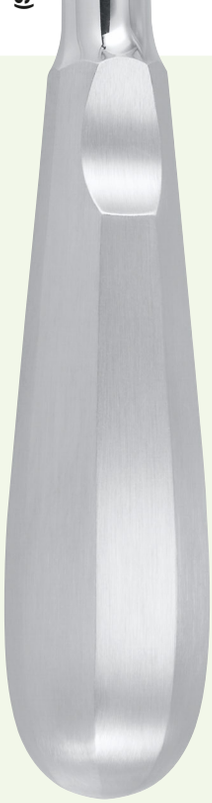
## Elevators for axial luxation

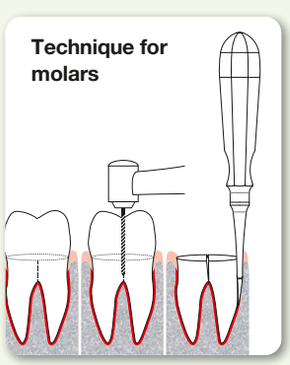
These elevators for axial luxation have been developed as an alternative to classic elevators. The instrument must not be used as a lever.

Furthermore the gentle removal of the teeth should be reached by **axial luxation** and cutting the Sharpey's fibres.

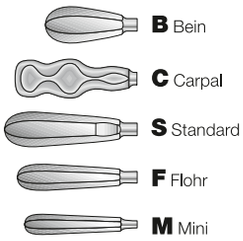




## Gärtner and Hylin Root Elevators



**Gärtner** 12.5 cm
(B) **17.014.00**

**Gärtner** 12.5 cm
(B) **17.014.01**

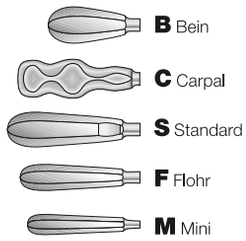
**Gärtner** 12.5 cm
(B) **17.014.02**

**Hylin**
**17.020.01**

**Hylin**
**17.020.02**

**17.410.03** **Chompret Syndesmotome,** # 3 with hollow handle

## Apical Root Elevators



(S) **17.301.00** (S) **17.304.00** (S) **17.302.00** (S) **17.303.00**

**17.677.16** Apical Root Elevator, # 77R, ideal for wisdom teeth, serrated

**17.677.17** Apical Root Elevator, # 77, ideal for wisdom teeth, serrated

## Revolving Chisel Vienna Pattern

**41.541.02WM** bajonet, 2 mm, # 2 B

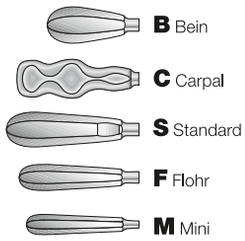
**41.541.03WM** bajonet, 3 mm, # 3 B

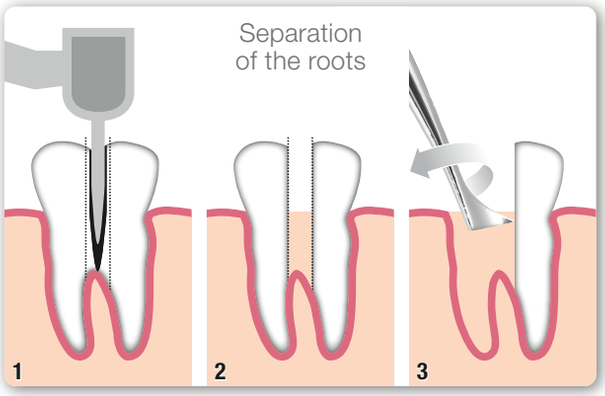
**41.541.04WM** bajonet, 4 mm, # 4 B

**41.541.05WM** bajonet, 5 mm, # 5 B

## Root Elevators Cryer and Winter

Claw elevators are ideal to extract molars in the mandible after separation of the roots.




The bend of the working ends, combined with the shortened tips, allows a gentle lifting of the opposite root without contact to the neighboring crown.
The special claw elevators are ideal to luxate roots if an apical access is possible from the neighboring alveolus, e.g. if a root has already been removed and if the empty alveolus can be used as access. It is recommended first to remove the root which is bent less.

(S) **17.100.39**
**Cryer**

(S) **17.100.40**
**Cryer**

**17.336.15** **Winter**, Root Elevator, left, # 11L

**17.336.16** **Winter**, Root Elevator, right, # 11R

**17.337.15** **Winter**, Root Elevator, left, # 12L

**17.337.16** **Winter**, Root Elevator, right, # 12R

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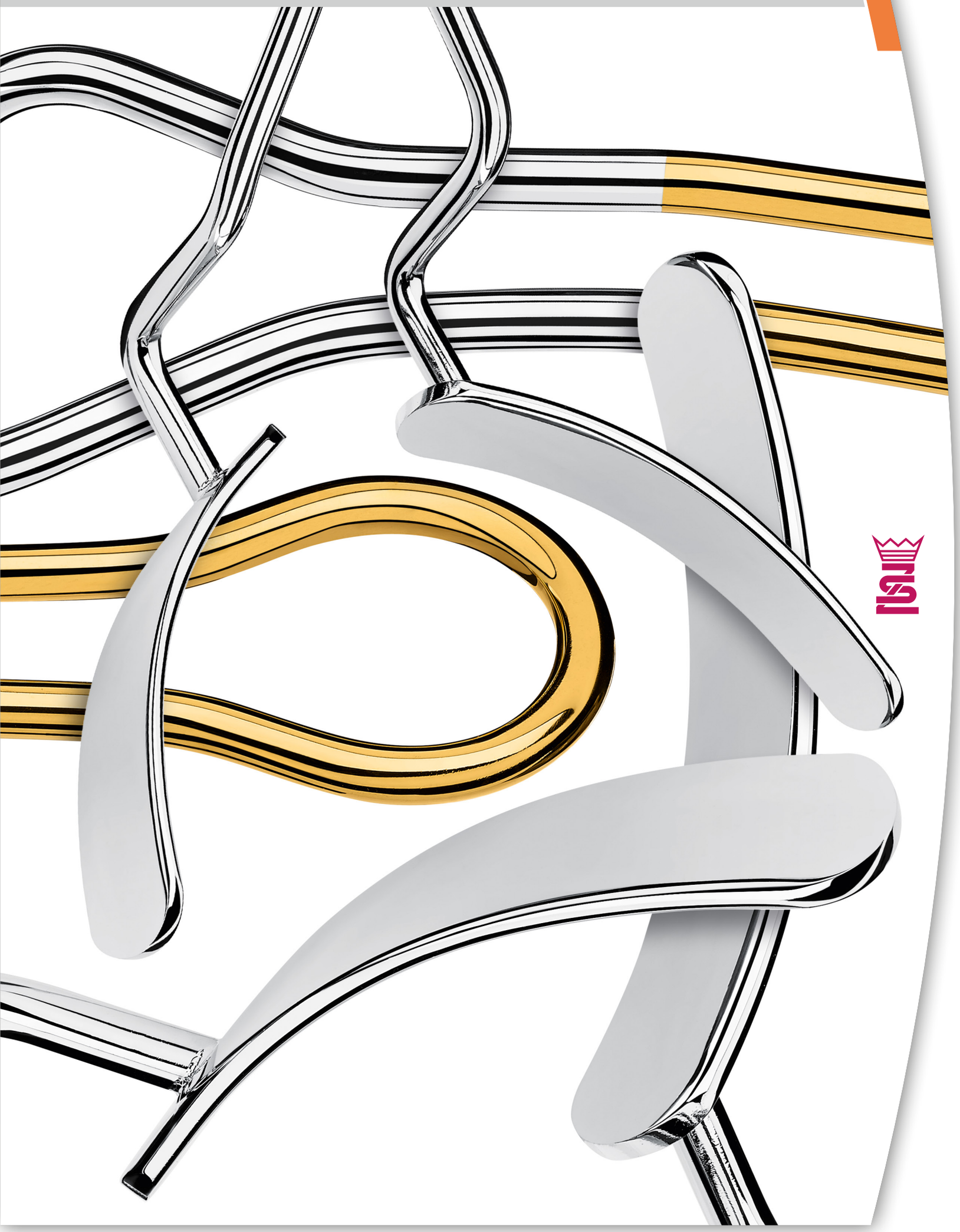
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

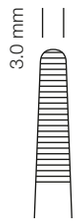
The instruments illustrated in this catalogue are subject to modifications regarding technical progress and improvements.

Scale



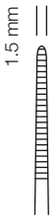
## The **ZEPF** Forceps

**22.200.15**



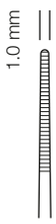

**Standard**

| | | | |
|---|---|---|---|
| **22.200.12** | 12 cm | **22.200.15** | 15.5 cm |
| **22.200.13** | 13 cm | **22.200.20** | 20 cm |
| **22.200.14** | 14.5 cm | | |



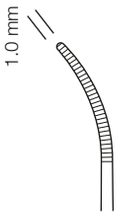

**Standard, fine**

| | |
|---|---|
| **22.230.13** | 13 cm |
| **22.230.14** | 14.5 cm |




**Semken-Taylor**

| | |
|---|---|
| **22.278.12** | 12.5 cm |
| **22.278.15** | 15 cm |




**Semken-Taylor, curved**

| | |
|---|---|
| **22.279.15** | 15 cm |

**Suture Forceps**

| | |
|---|---|
| **22.106.01** | 15.5 cm |

**De Bakey**

| | |
|---|---|
| **50.226.16** | modif. 16 cm |

**De Bakey**

| | |
|---|---|
| **50.229.16** | modif. 16 cm |

## Atraumatic Tissue Forceps acc. to Dentist Beck

**22.824.17** 17.5 cm

Due to their specially shaped working tips, the Tissue Forceps allow an easy and gentle grip and fixation of the tissue flap. There is no additional traumatism of the soft tissue. The Atraumatic Tissue Forceps can be used in all fields of dentistry and odontology (in surgery, parodontology and implantology).

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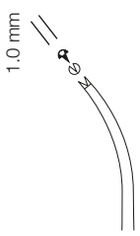
**Semken**

**22.480.12** 12.5 cm

**22.480.15** 15 cm




**Semken, 30° curved**

**22.481.12** 12.5 cm

**22.481.15** 15 cm

---

**Tissue Forceps, fine**, 1 x 2 teeth

**22.408.11** 11.5 cm

**22.408.13** 13 cm

**22.408.14** 14.5 cm

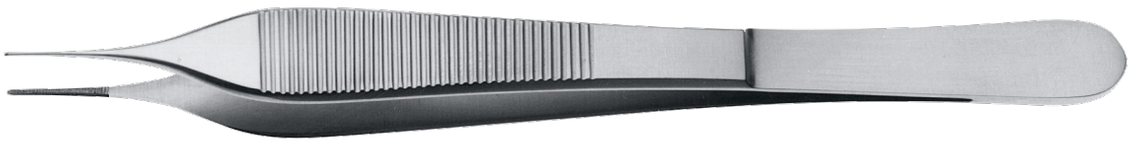
**22.408.16** 16 cm

**22.408.20** 20 cm

**Tissue Forceps, standard**, 1 x 2 teeth

**22.400.13** 13 cm

**22.400.14** 14.5 cm

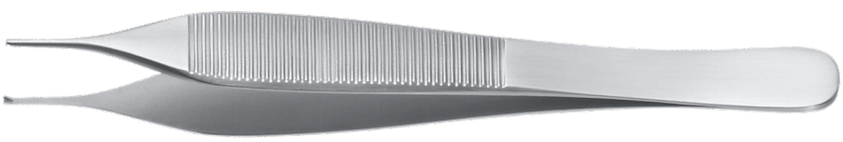


1.0 mm

**Micro-Adson**

**22.272.15** 15 cm

---



1.0 mm

**Micro-Adson**

**22.488.12** 12 cm, 1 x 2 teeth

**22.488.15** 15 cm, 1 x 2 teeth

---

0.6 mm

**Micro-Adson**

**22.489.00** 15 cm, 1 x 2 teeth, with suture plate

**22.489.01** 15 cm, anatomical, fine spring

1.0 mm

**Micro-Adson**

**22.489.00M** 15 cm, 1 x 2 teeth, with suture plate

2.0 mm

**Potts Smith**

**22.450.18** 18 cm, 1 x 2 teeth

2.0 mm

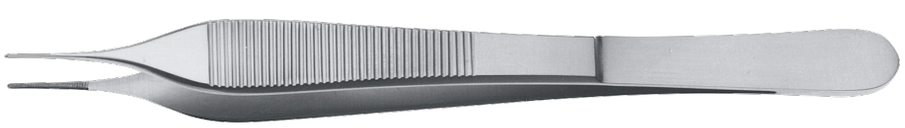
**Gerald**

**22.430.17** 17.5 cm, 1 x 2 teeth

2.5 mm

**Gillies**

**22.416.15** 15 cm, 1 x 2 teeth



1.5 mm

**Adson**

**22.270.12** 12 cm

2.0 mm

**Adson**

**22.310.12** 12 cm, TC

**22.310.15** 15 cm, TC

1.0 mm

**Adson**

**22.486.12** 12 cm

**22.486.15** 15 cm

1.5 mm

**Adson**

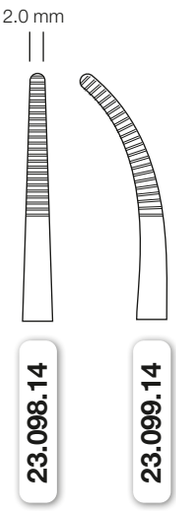
**22.488.20** 15 cm

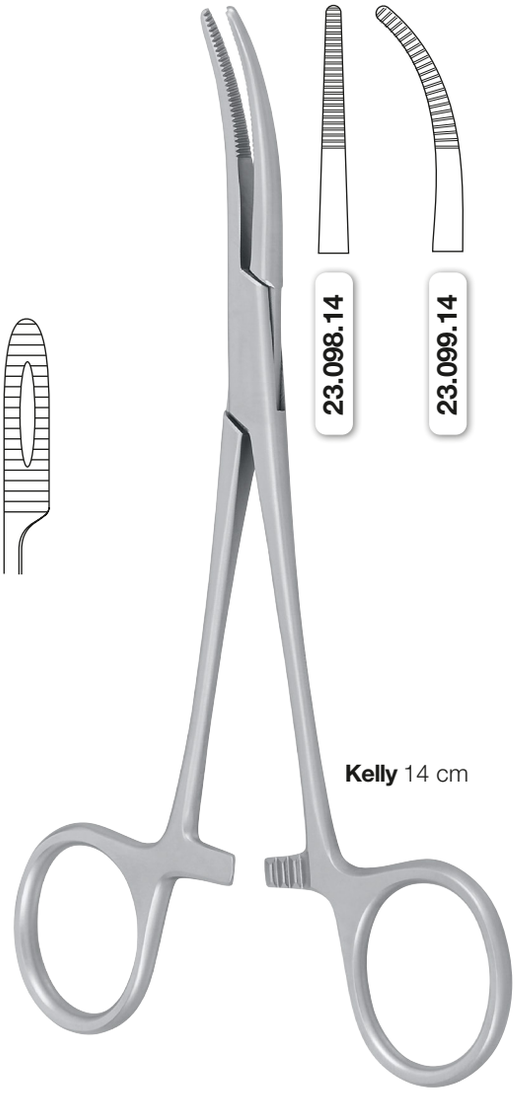
**Backhaus**

**23.709.11** 11 cm







**Kelly** 14 cm

**Allis** 5 x 6 teeth

**23.782.15** 15 cm

**53.034.19** 19 cm

**53.034.25** 25 cm



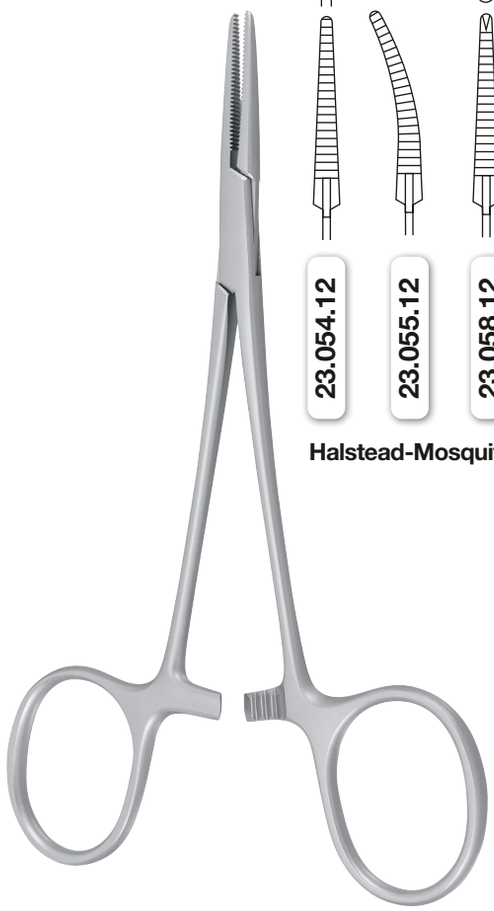
**Allis** 5 x 6 teeth

**23.781.15** 15 cm

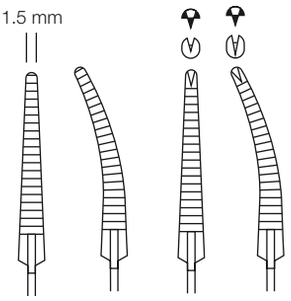
**Gross**

**23.740.20** 20 cm, straight

**23.741.20** 20 cm, curved



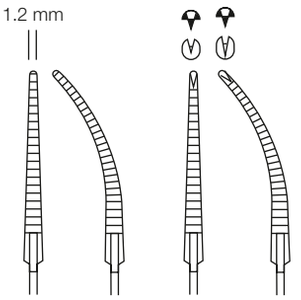
1.5 mm



23.054.12 | 23.055.12 | 23.058.12 | 23.059.12

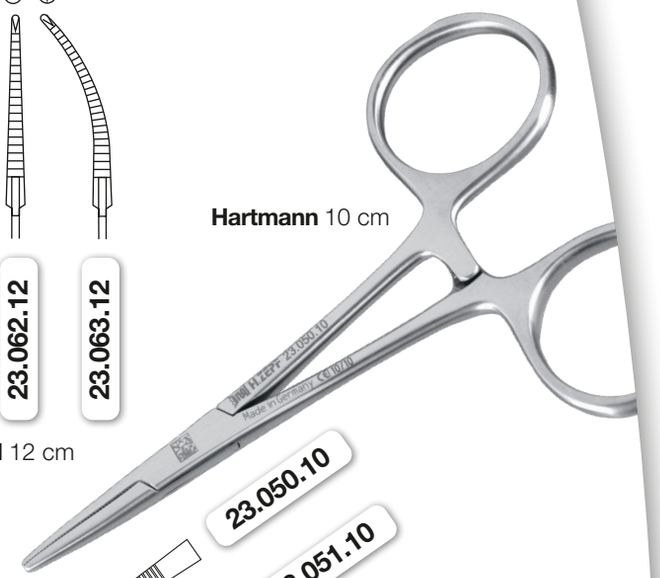
**Halstead-Mosquito** 12.5 cm

1.2 mm



23.060.12 | 23.061.12 | 23.062.12 | 23.063.12

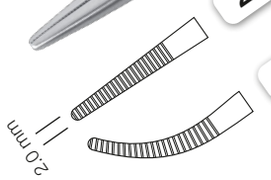
**Micro-Halstead** 12 cm



**Hartmann** 10 cm

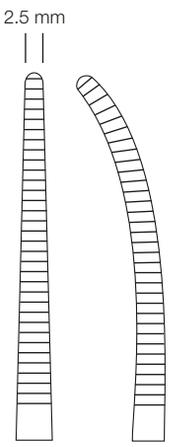
23.050.10

23.051.10



20 mm

2.5 mm



**Rochester-Pean** straigt

23.106.14 14 cm

23.106.16 16 cm

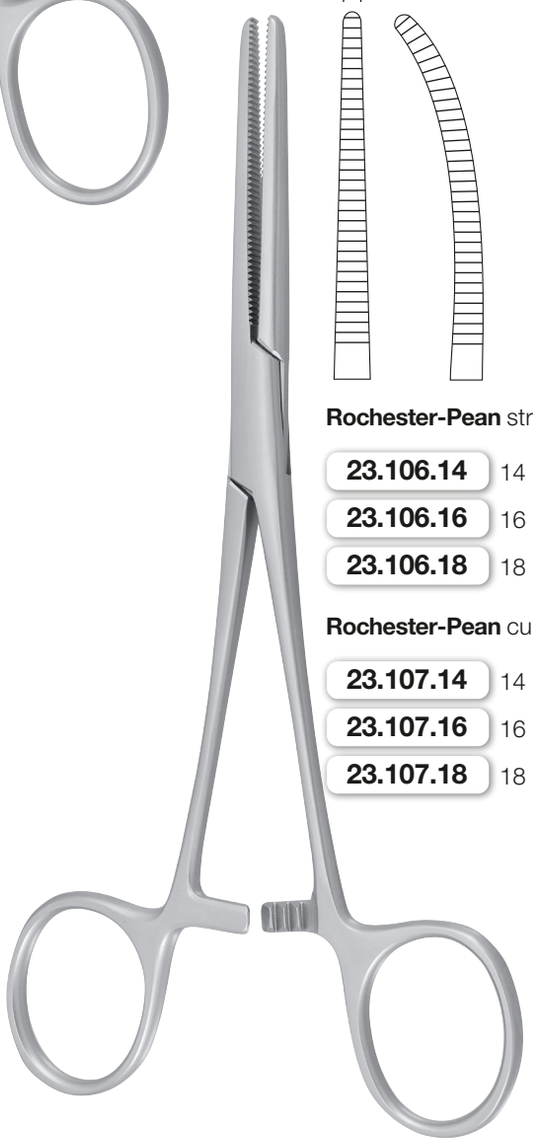
23.106.18 18 cm

**Rochester-Pean** curved

23.107.14 14 cm

23.107.16 16 cm

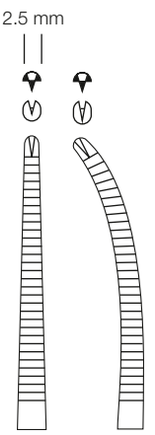
23.107.18 18 cm



**Jones**

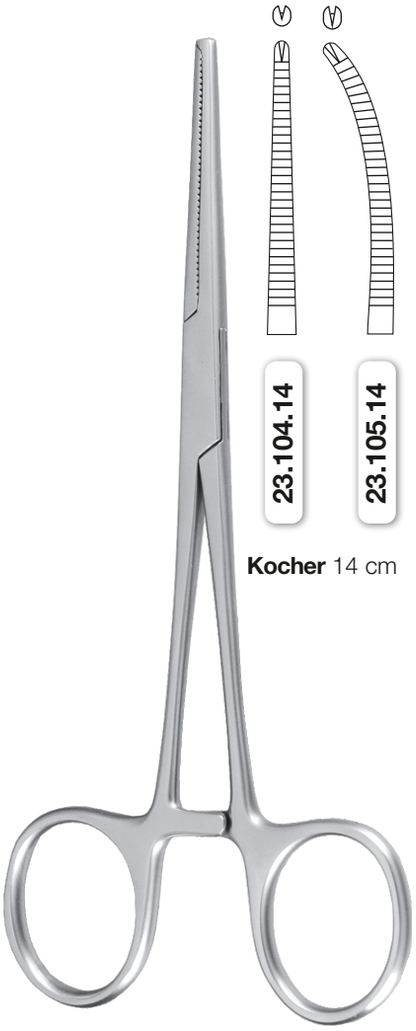
23.705.09 9 cm

2.5 mm



23.104.14 | 23.105.14

**Kocher** 14 cm



## The **ZEPF** Retractor

pat. pend. by Dr. Peter Müller, Ebersbach

**37.443.00**

Retractor acc. to Dr. Peter Müller

**Clear, non-tiring retraction in every situation**

Retraction of the cheek, lips, tongue and muco-periosteal flap.

The **ZEPF** Retractor is a “quality product from Tuttlingen” and bears the name **HELMUT ZEPF** as seal of quality.

- ergonomic handle
- low-weight, very well-focused instrument
- innovative design
- multipurpose usage
- good view
- smooth surface, manufactured from one piece
- all common disinfection and sterilization methods possible

**37.445.01** **Hilger**

Retractor, for all Mouth Mirror Handles Ø 2.5 mm

**24.089.02**

Mouth Mirror Handle, ergonomic, hollow, stainless steel

**Cawood-Minnesota**
mod. by Dr. Müller

**37.437.17** 16.5 cm

**Cawood-Minnesota**

**37.437.15** 15.5 cm

**Silicone Mouth Gag**

**37.258.40** small

**37.258.43** big

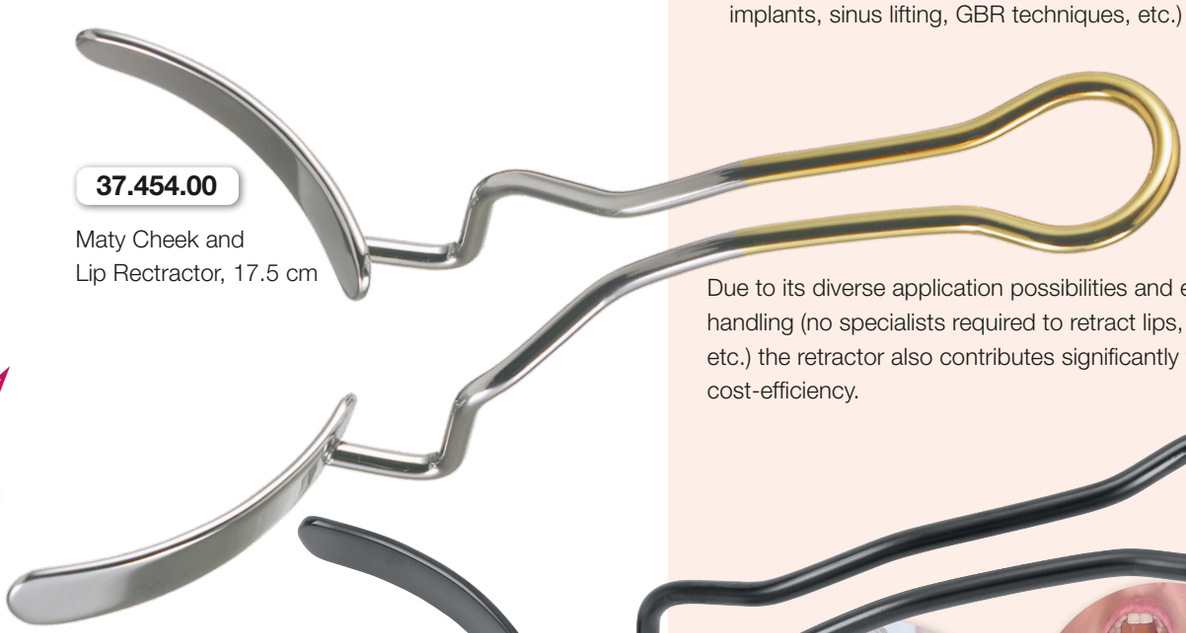
**Special features of the Maty Cheek and Lip Rectractors:**

- suitable for a wide variety of applications
- lightweight
- easy to use
- patient-friendly
- no traumatization of the oral cavity
- usable on upper or lower jaws
- ergonomically designed, saves time, thereby cutting costs
- does not need to be removed when work is interrupted since design prevents the dropping out

## Maty Cheek and Lip Retractor

The light weight, versatility and anatomically shaped jaws of this instrument makes it suitable for use in a wide variety of applications in all areas of dentistry.

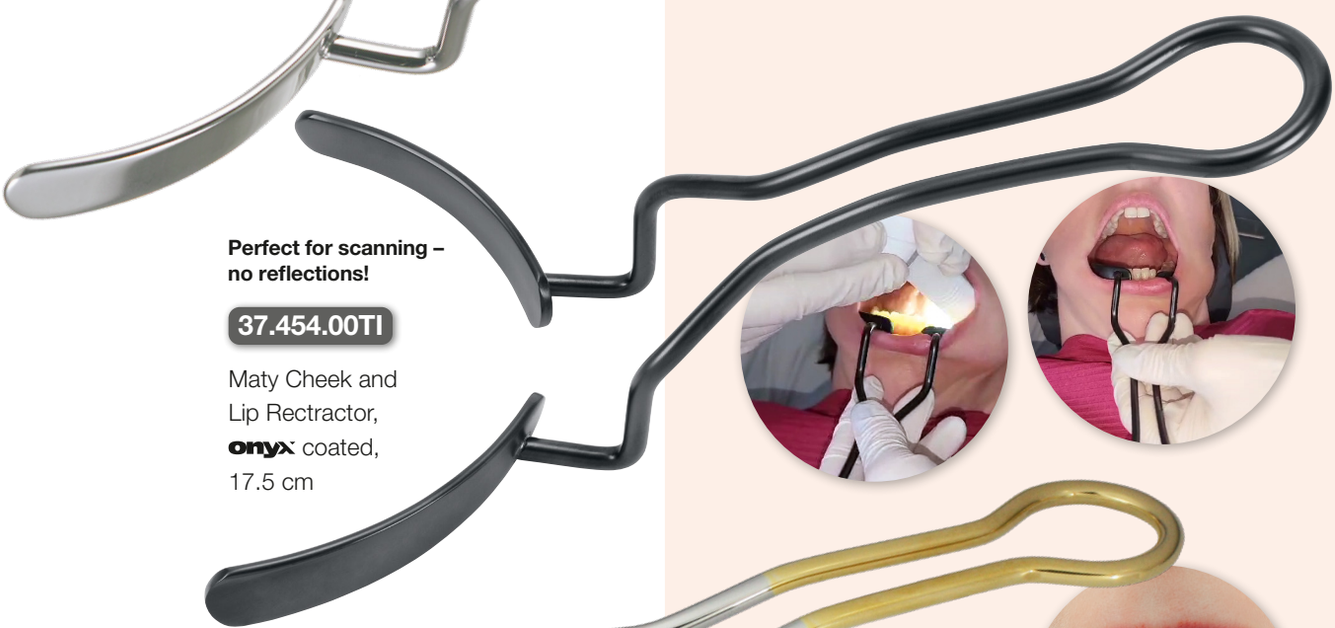
- In prosthodontics, for safe impression technique, determining upper / lower jaw mismatches, fitting crowns, bridges, inlays, etc
- In orthodontics, for fitting brackets, etc.
- In general dentistry, for filling teeth, root-canal work, etc.
- In oral surgery, for outpatient surgery (apicoectomy, osteotomy, tumor and bone surgery, etc.), preprosthodontic surgery, traumatology, implantology (enossal implants, sinus lifting, GBR techniques, etc.)



**37.454.00**

Maty Cheek and Lip Rectractor, 17.5 cm

Due to its diverse application possibilities and easy handling (no specialists required to retract lips, cheeks etc.) the retractor also contributes significantly to cost-efficiency.



**Perfect for scanning – no reflections!**

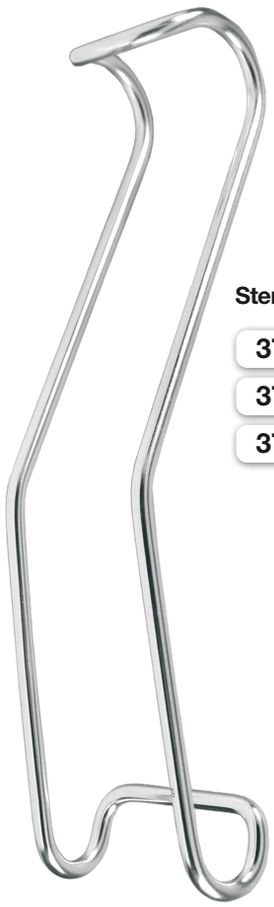
**37.454.00TI**

Maty Cheek and Lip Rectractor, onyx coated, 17.5 cm

**37.454.02**

Maty Cheek and Lip Rectractor for children

Quality MADE IN GERMANY.
Our all-purpose cheek and lip retractor is yet another top-quality, high-precision, all-purpose instrument "Made by HELMUT ZEPF Medizintechnik GmbH".



**Sternberg**

**37.429.12** Lip Retractor, 12 cm
**37.429.14** Lip Retractor, 14 cm
**37.429.16** Lip Retractor, 16 cm

**Molt Mouth Props**

**37.261.11** Pedo Prop, 11.2 cm
**37.261.14** Adult Prop, 14 cm

**Denhart Mouth Retractor**

**37.271.00**
11 cm, with exchangeable silicone inserts

**19.270.50**
Replacement Inserts for Denhart Mouth Retractor (1 pair)

## Retractor "Whale Fin"

acc. to Dr. Maty

Both sizes of the "Whale Fin" Retractor are available as insert M4 x 0.5 or as complete instrument in a **ZEPF** bionik handle.

**Advantages:**

- good view of the operating and preparation field
- safe retraction of soft tissues and good visual control even in the lateral tooth area
- atraumatic – no punctual contact, but surface contact
- extra opening for the labial frenulum (upper jaw / lower jaw) with center cut-out in the middle of the retraction area / working surfaces
- wave-shaped working surface for a better adaptation in the upper jaw / lower jaw
- also usable in prosthetics (e.g. tooth preparation)

The ergonomic shape of the periosteal elevator and the retractor allow an easy cleaning and sterilization procedure.

**37.448.30**

Retractor "Whale Fin" insert, size 30 mm, sterilizable

**37.448.35**

Retractor "Whale Fin" insert, size 35 mm, sterilizable

**37.446.06**

Complete Instrument size 30 mm, in **ZEPF** bionik Handle turquoise-brightblue

**37.446.07**

Complete Instrument size 35 mm, in **ZEPF** bionik Handle yellow green

**37.444.01**

Retractor, insert made of stainless steel

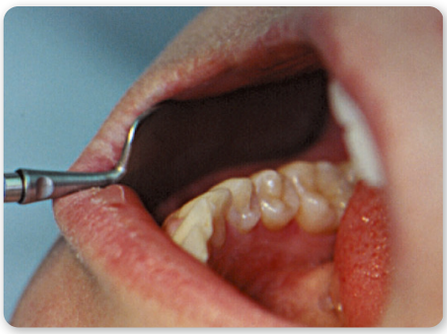
bionik reddot design award winner 2010

## onyx DESIGN Retractor
acc. to Dr. Müller

For retracting the complete quadrant

Working end made of stainless steel, handle M4.5 mm

The Vestibulum Retractor acc. to Dr. Müller, Tuttlingen can be used in the dental field for all activities for which it is necessary to have a very good view as well as the best possible dryness.



The application in periodontology as well as in oral surgery is possible as the Vestibulum enables you to retract a complete quadrant. This offers a very good view on your field of work. The instrument can also be used to model the edges in the acrylic technique. The relative drying is possible with one hand which offers a better moulding.

The instrument can be used in many ways and is very easy to apply. This makes it very economical.

**37.444.01TI**

Retractor,
onyx coated,
in ZEPF BIONIK Handle,
black, 18.5 cm

BIONIK

reddot design award winner 2010

## With onyx DESIGN Black Finish Coating

**Design meets functionality.** Users with highest demands will appreciate the elegant, black finish providing the instrument with a non-reflecting, extremely smooth and scratch-resistant surface. The article number is complemented by **TI**.

## Kim Retractor

The Kim Retractor is very useful to retract the soft tissue flap in a wisdom tooth extraction.
Now also available in Z-SHAPE- and ZEPF BIONIK handle.

The working end is rounded, angled by 45° and serrated in the support region, thus allowing an optimal access to this area under excellent support on the bone.

Retractor acc. to Kim, flat, 45° angled, 9.5 mm wide

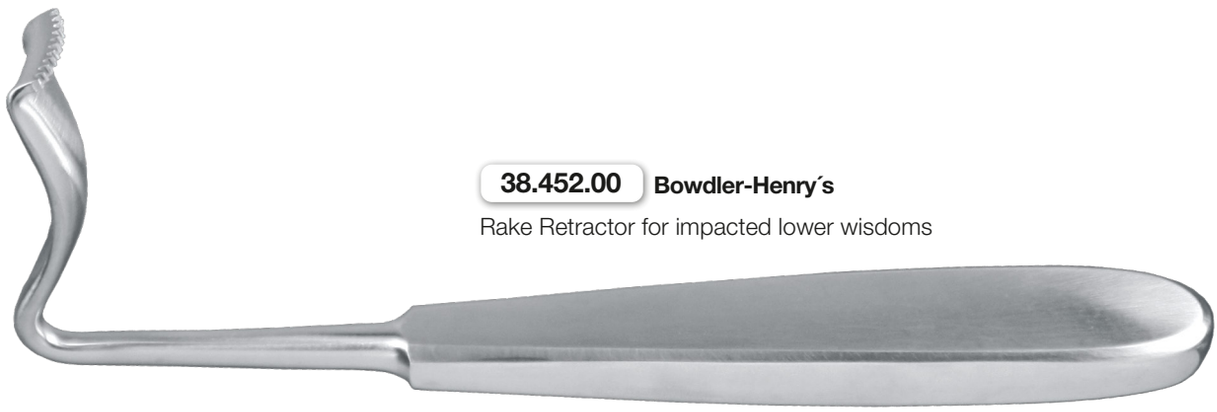
**37.446.10**

ZEPF BIONIK handle, orange

**37.446.20**

Z-SHAPE handle

TI



**38.452.00** **Bowdler-Henry´s**

Rake Retractor for impacted lower wisdoms

**38.465.15** **Obwegeser**

Retractor for mouth, jaw and face surgery, flexible, 15.5 cm

**Obwegeser** Retractor for mouth, jaw and face surgery, flexible, 16 cm

**38.467.08** 8 mm

**38.467.10** 10 mm

**Wieder** Tongue Depressor

**37.426.01** # 1, small

**37.426.02** # 2, big

**Middeldorpf** Retractor, 20 cm

**37.441.01** 15 x 15 mm

**37.441.02** 20 x 22 mm

**Senn-Miller** Retractor, 16 cm

**38.076.16** 3 prongs, sharp

**38.078.16** 3 prongs, blunt

**Ragnell-Davis** Retractor

**38.074.14** 8 x 4 and 15 x 5 mm

**38.471.15** **Tessier** 15 cm

Mobilization Hook, left

**38.473.15** **Tessier** 15 cm

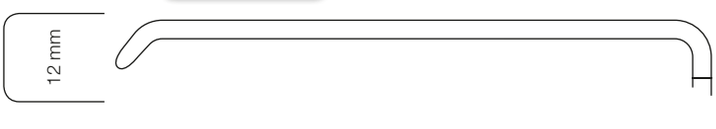
Mobilization Hook, right

## Kocher-Langenbeck

Retractor, 21.5 cm

**38.426.09** 16 x 80 mm

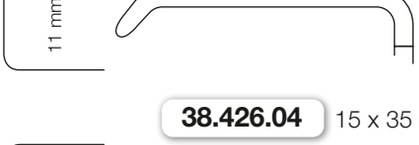
**38.426.08** 12 x 80 mm



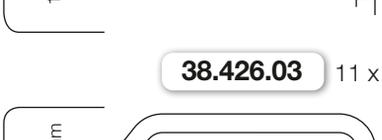

**38.426.07** 14 x 70 mm

**38.426.06** 11 x 55 mm

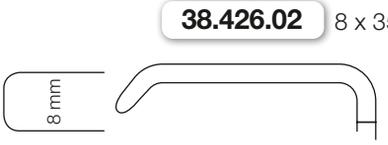
**38.426.05** 11 x 40 mm



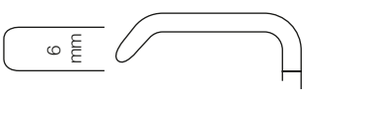

**38.426.04** 15 x 35 mm




**38.426.03** 11 x 35 mm




**38.426.02** 8 x 35 mm




**38.426.01** 6 x 25 mm

## Langenbeck

Retractor, 21 cm

## Combined Retractor and Cheek Retractor

by Schäfer

**1 instrument – 2 functions!**
The combined retractor is suited for an optimized retraction of laps and the cheek during surgery like implantations and root-tip resections.

**Schäfer** Retractor and Cheek Retractor

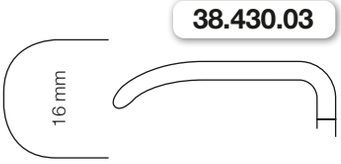
**37.440.00** 23 cm

**38.430.06** 13 x 42 mm

**38.430.05** 11 x 50 mm

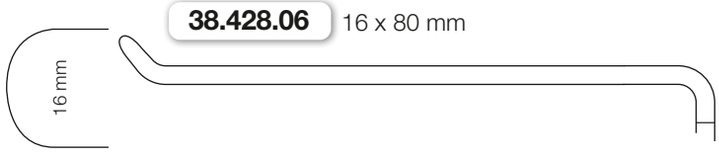
**38.430.04** 11 x 40 mm

**38.430.03** 16 x 30 mm

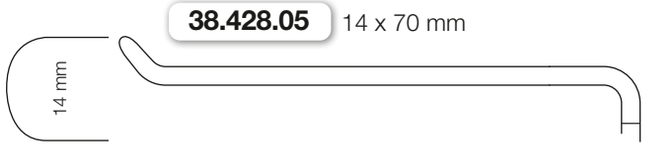


## Obwegeser

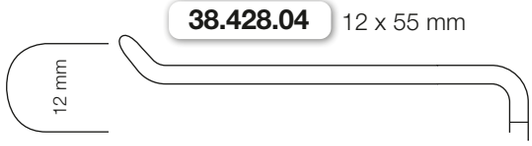
Soft Tissue Hook, curved, 22 cm



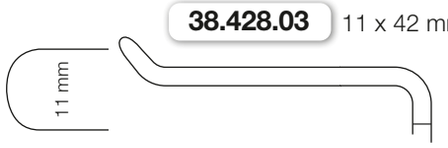

**38.428.06** 16 x 80 mm



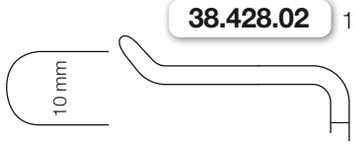

**38.428.05** 14 x 70 mm




**38.428.04** 12 x 55 mm




**38.428.03** 11 x 42 mm




**38.428.02** 10 x 31 mm

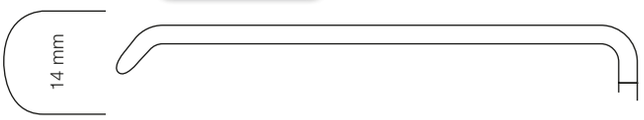
**38.428.22** **Ramus**
Retractor, 11 x 70 mm, 22 cm

## Obwegeser

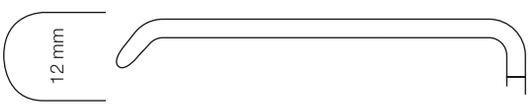
Retractor, curved,
concave blade, 22 cm

**38.427.22** **Spina-Nasalis**
Retractor, 10 x 42 mm, 22 cm

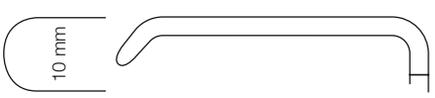
**38.438.06** 14 x 70 mm




**38.438.05** 12 x 55 mm




**38.438.04** 10 x 42 mm



## Laster Special Retractor

Special retractor for upper impacted wisdom teeth

The shape of the handle allows to retract the cheek and the mucoperiosteum and to hold another instrument in the same hand simultaneously.

scale 2:1
micro serration

**37.438.15**

Laster special retractor for upper impacted wisdom teeth, sandblasted handle, polished working tip and micro serration, 100 mm

## **ZEPF** Vestibulum Retractor

acc. to Kapogianni

**38.448.50**

**Vestibulum Retractor**
by Kapogianni, to retract the prepared mucoperiosteal flap

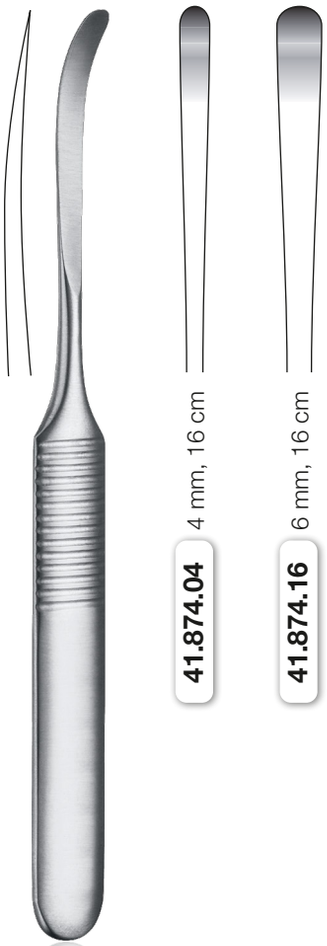
The **HELMUT ZEPF** Vestibulum Retractor according to Kapogianni is mainly used for the region of the lateral teeth in the upper jaw.

It is meant for the atraumatic holding of the prepared mucoperiosteal flap which is usually retracted in the area of the crista zygomaticoalveolaris. The crista often develops a distinctive osseous bow which makes it impossible to hold it away with a straight retractor.

This instrument is of great advantage especially during operations like the direct sinus lift, big augmentative interventions or other operations in the area from the cuspid to the rear lateral teeth.

Because of the three-dimensional arrangement of both retracting elements of this Vestibulum Retractor, the mucosa is retracted safely and a trauma due to continuous slipping is excluded. Of course, this retractor can be used for anatomically similar bone structures for safe and atraumatic working.

## Williger Raspatories



**41.874.04** 4 mm, 16 cm

**41.874.16** 6 mm, 16 cm

## Elevators

**Seldin** **41.877.23** Elevator, # 23, 20 cm

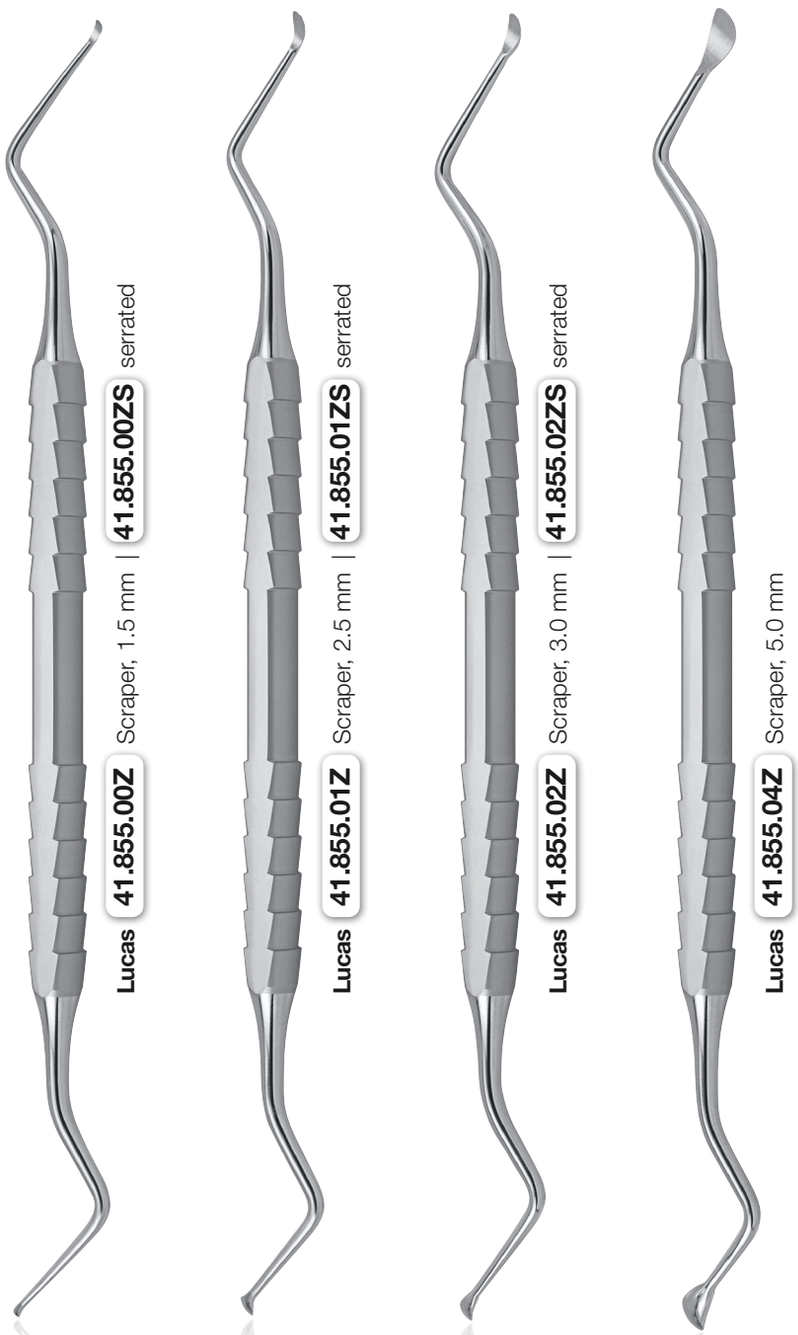
**Freer** **41.864.02** Elevator, # 2, 5.5 mm, 20 cm

**Freer** **41.864.01** Elevator, # 1, 4 mm, 18.5 cm

## Lucas Scraper double-ended, 17.5 cm

**Version Z**
non-serrated

**Version ZS**
serrated



**Lucas** **41.855.00Z** Scraper, 1.5 mm | **41.855.00ZS** serrated

**Lucas** **41.855.01Z** Scraper, 2.5 mm | **41.855.01ZS** serrated

**Lucas** **41.855.02Z** Scraper, 3.0 mm | **41.855.02ZS** serrated

**Lucas** **41.855.04Z** Scraper, 5.0 mm

## Hemingway
Sharp Spoon

**Hemingway**
Sharp Spoon,
16.5 cm

**41.845.11**
# 11, 2.5 mm

**41.845.22**
# 22, 3.0 mm

**41.845.33**
# 33, 3.5 mm

## **ZEPF** -Raspatories

**Perfectly done.**

**HELMUT ZEPF** Periosteal Elevators have a well-balanced design. The lame-design handles have a very handy shape. They are extremely easy to rotate, and due to the smooth surface, hygiene problems known from conventional handles are avoided.

## Prichard Arrester and Raspatory

**41.878.11ZS**

Prichard Raspatory, serrated, PPR3, Retractor straight, 17.5 cm

Without serration:

**41.878.11**

Usable in all types of periodontic surgery, osteotomy, or root-tip resections.

Also with micro serration to prevent slipping from the bone.

Serration

## ZEPF MOLT

**41.862.20** MOLT Periosteal Elevator, CM4 / CM7, **ZEPF**-Line

## ZEPF Raspatories

**41.864.13** Raspatory, **ZEPF**-Line

**41.862.14** Raspatory combination, **ZEPF**-Line, with drill hole to place pins in the membrane, 17.5 cm

## Combination Instruments

Spiculum Raspatory and round Periosteal Elevator

**41.864.30** 17.5 cm

**41.864.40** 17.5 cm

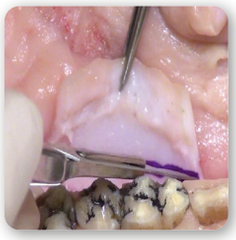
**41.864.50** curved, 17.5 cm

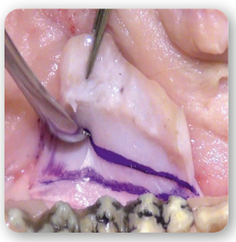
## WEN Tension Release Comb

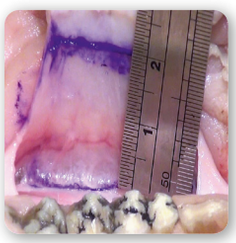
acc. to Dr. Wen, DBGM

Periodontal interventions for recession coverage are made to cover the root surface as complete as possible. If a soft tissue flap shall be translocated coronally, the WEN Tension Release Comb can be used to extend the split flap by combing, to easily achieve a complete coverage. Depending on the condition of the soft tissue, flap extensions of 15 mm to 20 mm will be possible.

**Application:**







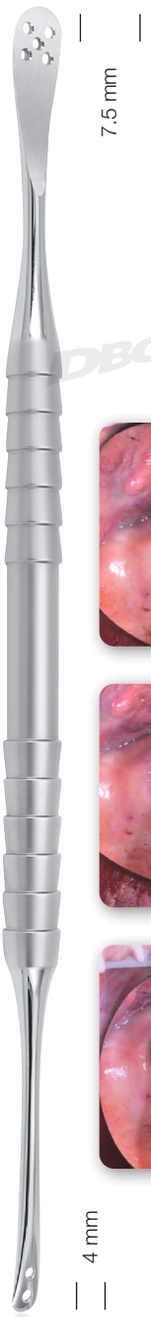
WEN Tension Release Comb acc. to Dr. Wen, DBGM, width of working tips 5 and 8 mm

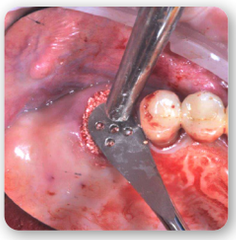
**41.865.01**

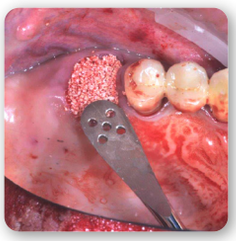
## Perforated Periosteal Elevator

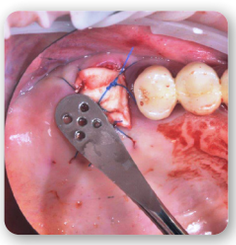
acc. to Dr. Niederquell, DBGM

To dissect the mucoperiosteum and to press the bone substitute into place, combined with a simultaneous aspiration of excess fluids during augmentation.







**41.862.24**

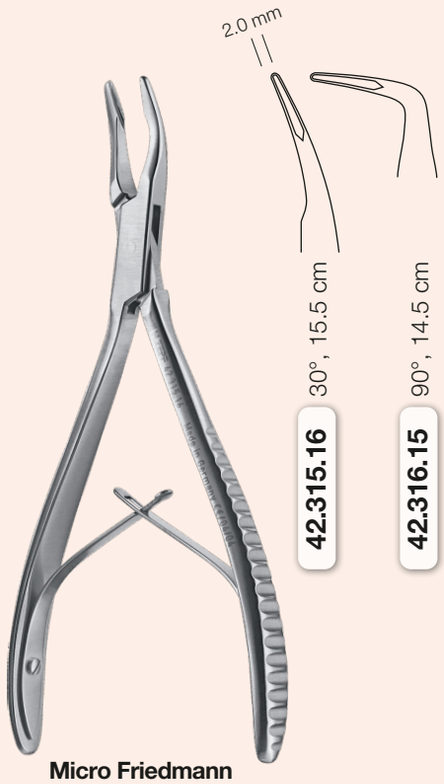
## Glickmann

**Periosteal Elevator and Flap Knife in one instrument.**
The flap knife is as sharp as a scalpel. (It has to be resharpened regularly!). Small additional cuts can be made in the interdental area. You do not have to switch to a standard scalpel. The delicate, round and sharp working tip is used to peel off / to cut the flap.

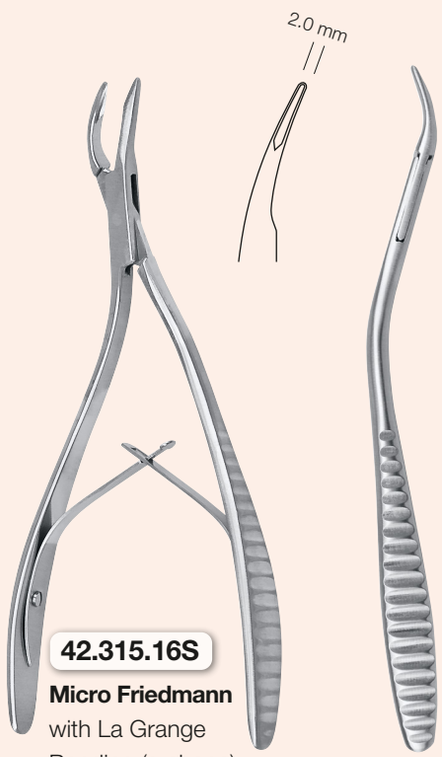
**Glickmann** **41.862.21** Combination-Instrument, Knife / Raspatory, # 24G, 17.5 cm

## Micro Friedmann

Micro Bone Rongeur Forceps

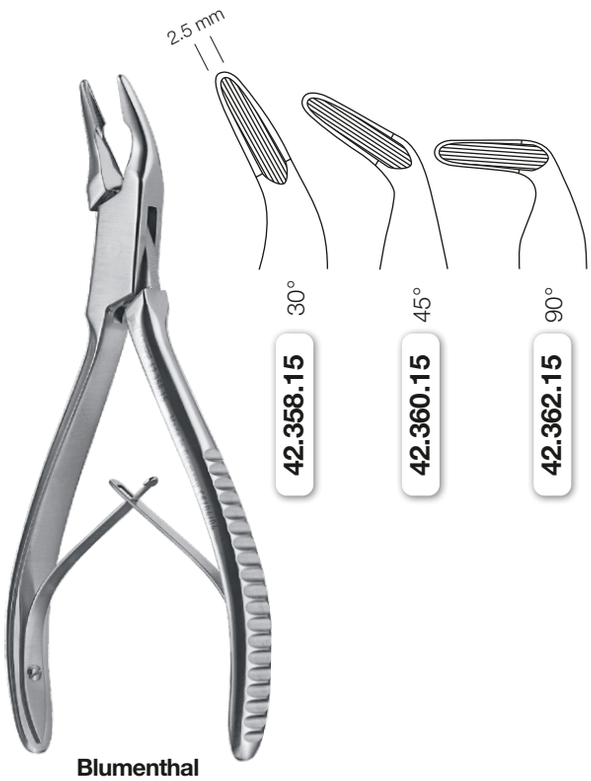



**Micro Friedmann**
Bone Rongeur Forceps

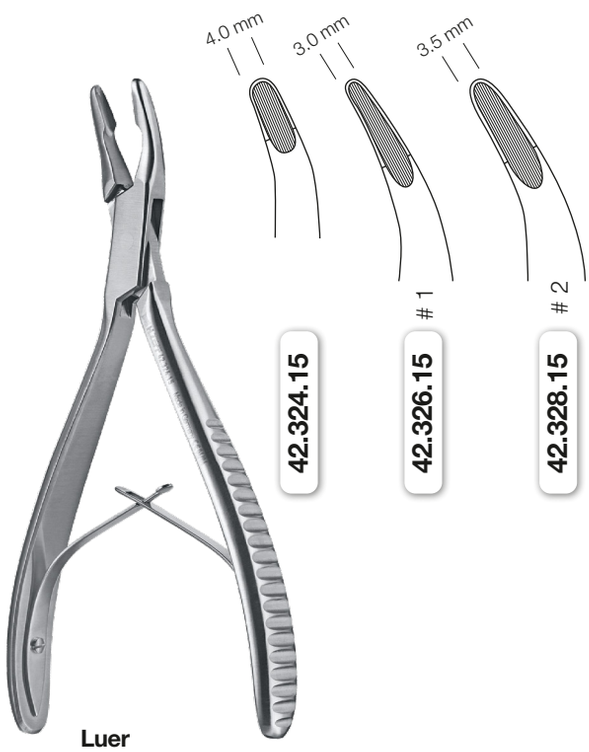


**42.315.16S**
**Micro Friedmann**
with La Grange
Bending (s-shape)
30°, 15.5 cm

## Bone Rongeur Forceps




**Blumenthal**
Bone Rongeur Forceps, 15.5 cm




**Luer**
Bone Rongeur Forceps, 15 cm

## Bone Rongeur Forceps

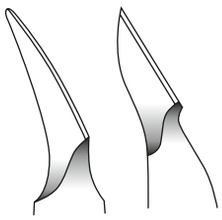
**Mini Friedmann**
Bone Rongeur Forceps

**Beyer** 18 cm
Bone Rongeur Forceps,
double action

**Cleveland**
Bone Rongeur Forceps

**Zaufal-Jansen** 18 cm
Bone Rongeur Forceps,
double action

## Bone Cutting Forceps



# 5, 16.5 cm

**42.404.16**

# 5S, 14 cm

**42.406.14**

**Cleveland**
Bone Cutting Forceps

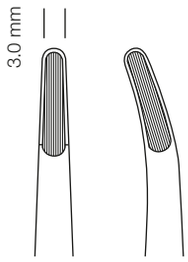
straight

**42.620.18**

curved

**42.621.18**

**Ruskin-Liston** 18.5 cm
Bone Cutting Forceps, double action




**42.646.15**

**42.647.15**

**Böhler** 15 cm
Bone Rongeur Forceps and Bone Cutting Forceps, double action

ZEPF Drop-Control

## Blade Holder – Patent No. 102014101658

The **ZEPF** Drop-Control® Blade Holder provides additional safety in daily surgical use when changing the blade.

Pressing the slider triggers a mechanism that lifts the blade, pushes the blade further forward in its actuation path and thus finally, safely and in a controlled manner, ejects it into a sharps collection container. Afterwards, the ejector mechanism moves back to its initial position. This allows the blade to be changed safely, quickly and in a time-saving manner during treatment.

### Main advantages:

- Reduction of the risk of infection due to a contaminated blade thanks to safe ejection function
- Time saving when changing the blade during treatment
- No additional instrument required to remove the blade

**Controlled dropping of the blade**

**VIDEO**

**Blades applicable on both sides**

## Scalpel Blades

Supplied in packs of 100 pieces, sterile

**46.014.10** # 10

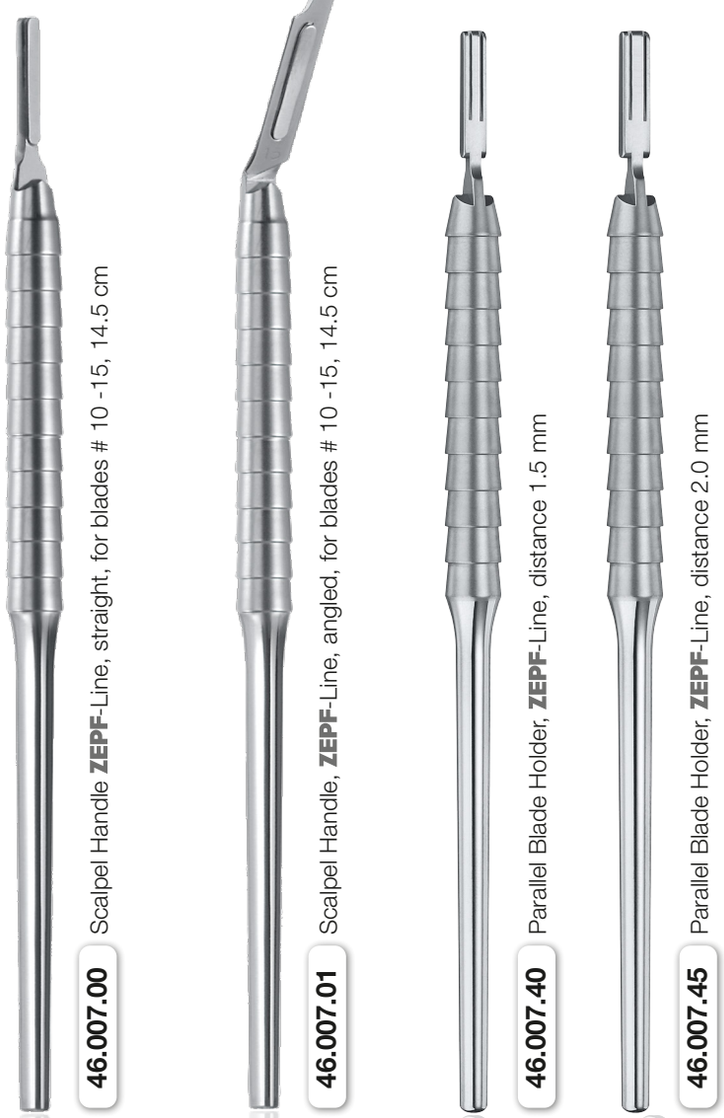
**46.014.11** # 11

**46.014.12** # 12

**46.014.12D** # 12d

**46.014.15** # 15

**46.014.15C** # 15c



**46.007.00** Scalpel Handle **ZEPF**-Line, straight, for blades # 10 -15, 14.5 cm

**46.007.01** Scalpel Handle, **ZEPF**-Line, angled, for blades # 10 -15, 14.5 cm

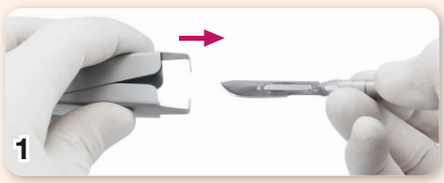
**46.007.40** Parallel Blade Holder, **ZEPF**-Line, distance 1.5 mm

**46.007.45** Parallel Blade Holder, **ZEPF**-Line, distance 2.0 mm

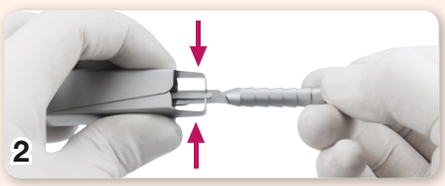
**Safety Blade Remover**

**46.005.65**

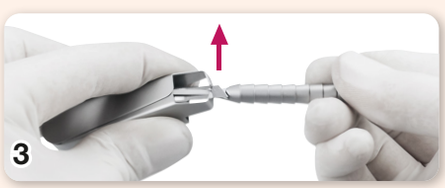
This practical tool allows safe replacing of scalpel blades.



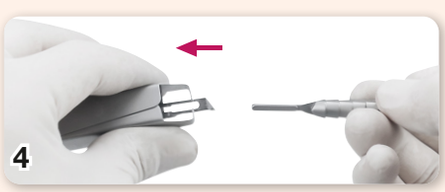

Place the blade remover



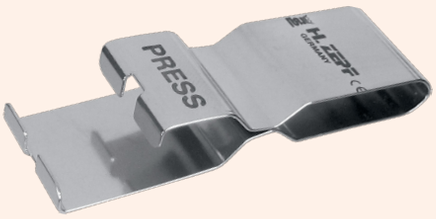

Press the blade remover




Lever the blade upwards



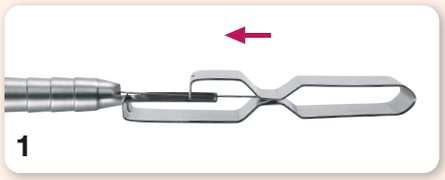

Pull the blade forward and throw it in a containment



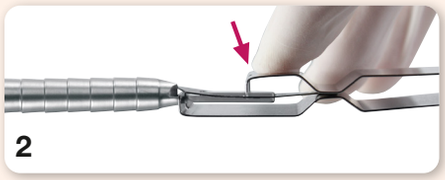

**Klingex**

**46.005.70**

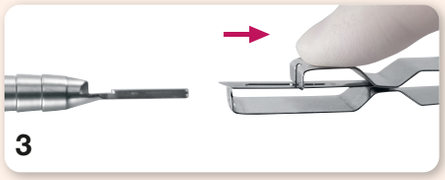
Safety Blade Remover




Place the blade




Lift the blade by pressing




Pull the blade forward

## Micro Surgical Scalpel Blades

Supplied in packs of 25 pieces, sterile

# 63

**46.016.03**

# 64

**46.016.04**

# 67

**46.016.07**

# 69

**46.016.09**

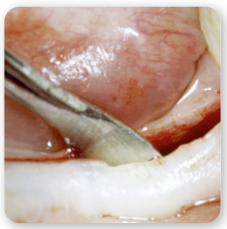
**46.013.00Z** Micro Surgical Scalpel Handle, titanium, **ZEPF**-Line, 13.5 cm | **46.013.05** stainless steel

**46.010.03** Scalpel Handle, # 3, massive, 12.5 cm

**46.010.04** Scalpel Handle, solid, # 3, for blades no. 10 - 15 including scale 0 - 6 cm

## **ZEPF**-Line Instruments

acc. to PD Dr. Weng, 17.5 cm

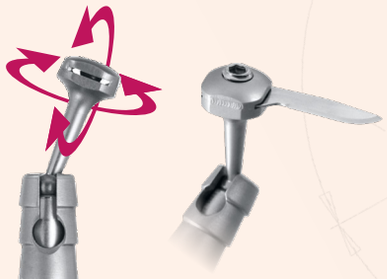


**46.035.05** Papillex by PD Dr. Weng, Papilla Elevator, exchangeable

**46.035.00** Papilla Elevator for preparation of fine soft tissue structures, inserts, exchangeable

**41.864.20** Gingiva Retractor

## **ZEPF** 3D-Blade Holder



**3D-Blade Holder**

Our **HELMUT ZEPF** 3D-Blade Holder will allow you to position blades easier than ever before!

In designing this blade holder, particular attention was devoted to make it easy to use, clean and sterilize.

**46.007.05**

3D-Blade Holder Handle **ZEPF**-Line, 12.5 cm

**46.007.50**

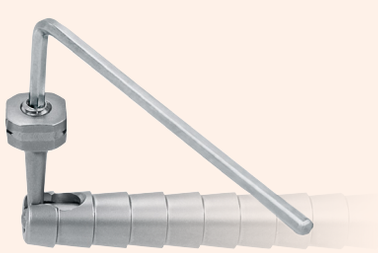
Pivoted Head for 3D-Blade Holder, exchangeable, incl. Allen Key, AF 2.0

**46.007.10**

3D-Blade Holder Handle with Pivoted Head, 12.5 cm

**46.007.11**

Allen Key, AF 2.0



## Attachments acc. to Dr. Hildebrand, Berlin

**Blade Holder**

**46.007.20**

for standard blades # 10-15

**Gingiva Retractor**

**46.007.30**

small

**46.007.31**

big

# ZEPF Onyx Scissors

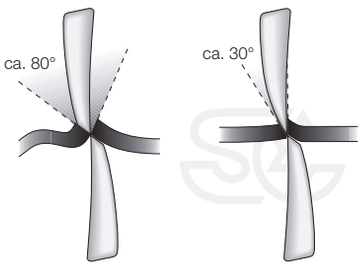
The Onyx coating offers a 3-5 times higher surface hardness compared to traditional scissors. In combination with the “Supercut” grinding (see page 06-32), this guarantees an extremely long product life and application with very high precision and wear resistance.

The extraordinary surface smoothness is leading to an easy slide of the scissor blades even under highest strain. Due to the physical / chemical combination of the coating, no undesirable reaction will be caused during sterilization or usage of solvents. Furthermore, the anti-glare surface avoids disturbing light reflections.

The article numbers are complemented by **TISC**. For further information on the illustrated scissors, please refer to the following pages.

## **ZEPF** Scissors

**Our Scissors are available in different styles.**
**They can be identified by the letters following the article number.**




**Standard Scissors** **Supercut**

**What is SC ?**
SC stands for “Supercut” and means that scissors with this designation have been specially ground, not only to make them sharper than ordinary scissors, but yield a better cutting angle with serrated edges. One ring is golden.

**What is TC ?**
TC stands for “Tungsten Carbide”, a material whose superior strength wear resistance and hardness are its major properties that distinguish it from conventional materials. Both rings are golden.

**What is onyx ?**
The Onyx coating offers a 3-5 times higher surface hardness compared to traditional scissors. In combination with the “Supercut” grinding, this guarantees an extremely long product life and application with very high precision and wear resistance.
The extraordinary surface smoothness is leading to an easy slide of the scissor blades even under highest strain. Due to the physical / chemical combination of the coating, no undesirable reaction will be caused during sterilization or usage of solvents.
Furthermore, the anti-glare surface avoids disturbing light reflections.
The article numbers are complemented by **TISC**.

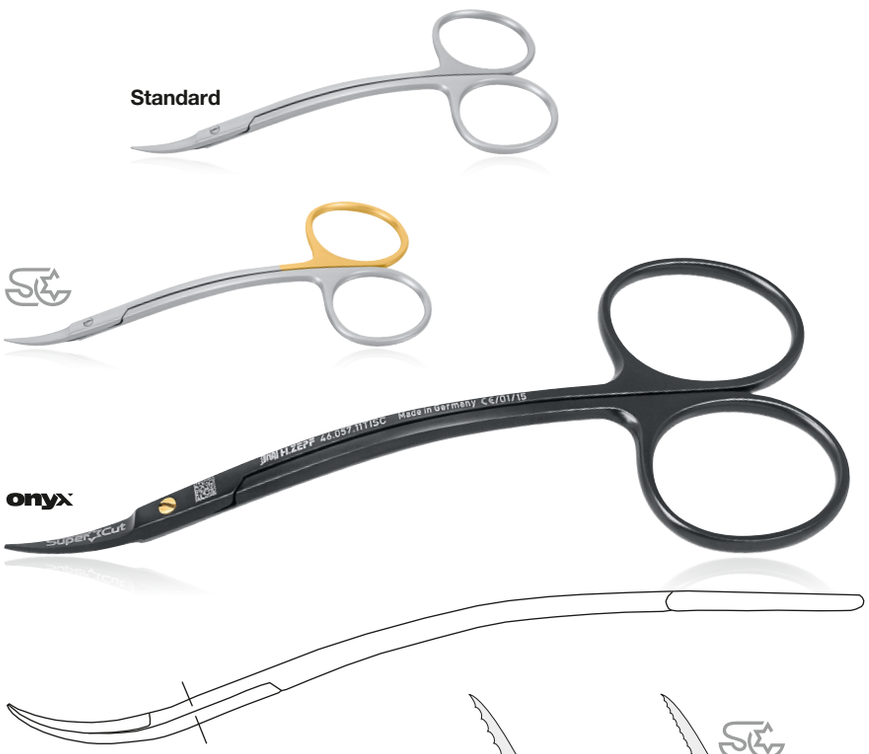
---

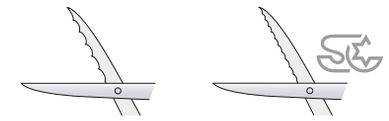
**Kelly Scissors,** curved, 16 cm

| 46.077.16 | 46.077.16SC | 46.077.16TC | 46.077.16TISC |
|---|---|---|---|
| serrated edge | serrated edge | | serrated edge |

## **ZEPF** Scissors

**La Grange** Gingivectomy Scissors, double curved, 11.5 cm



**46.057.11**
serrated edge



**46.057.11SC**
serrated edge

**46.057.11TISC**
serrated edge

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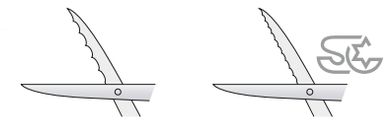
**Joseph** Gingivectomy Scissors, curved, 14 cm



**46.081.16**
serrated edge



**46.081.16SC**
serrated edge

**46.081.16TISC**
serrated edge

## **ZEPF** Scissors

**Gingivectomy Scissors**, extra large rings, straight, 11.5 cm

| 46.050.11 | 46.050.11SC | 46.050.11TC | 46.050.11TISC |
|---|---|---|---|
| serrated edge | serrated edge | | serrated edge |

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**Gingivectomy Scissors**, extra large rings, curved, 11.5 cm

| 46.051.11 | 46.051.11SC | 46.051.11TC | 46.051.11TISC |
|---|---|---|---|
| serrated edge | serrated edge | | serrated edge |

## **ZEPF** Scissors

**Goldman-Fox** Gingivectomy Scissors, 13 cm

**Standard**

| 46.201.13 | 46.201.13SC | 46.201.13TC | 46.201.13TISC |
|---|---|---|---|
| serrated edge, **curved** | serrated edge, **curved** | **curved** | serrated edge, **curved** |
| **46.200.13** | **46.200.13SC** | **46.200.13TC** | **46.200.13TISC** |
| serrated edge, **straight** | serrated edge, **straight** | **straight** | serrated edge, **straight** |

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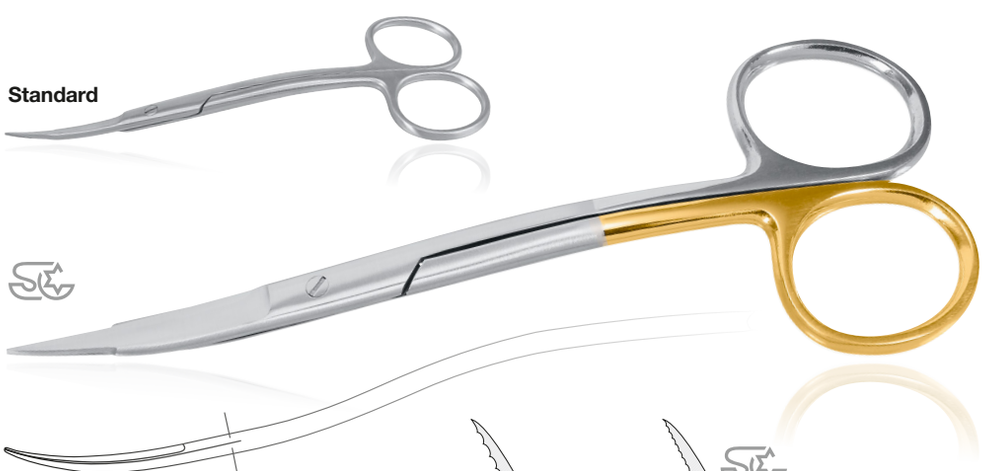
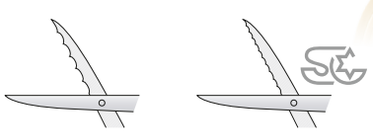
**Goldman-Fox** Gingivectomy Scissors, compound curved, 13 cm

**Standard**





| 46.207.13 | 46.207.13SC |
|---|---|
| serrated edge | serrated edge |

## **ZEPF** Scissors

**Dean,** Howard Müller, 17 cm

| 46.123.17 | 46.123.17SC | 46.123.17TC | 46.123.17TISC |
|---|---|---|---|
| serrated edge | serrated edge | serrated edge | serrated edge |

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**Metzenbaum Preparation Scissors,** # 1, blunt / blunt, curved, 14 cm

| 46.431.14 | 46.431.14SC | 46.431.14TISC |
|---|---|---|
| serrated edge | serrated edge | serrated edge |

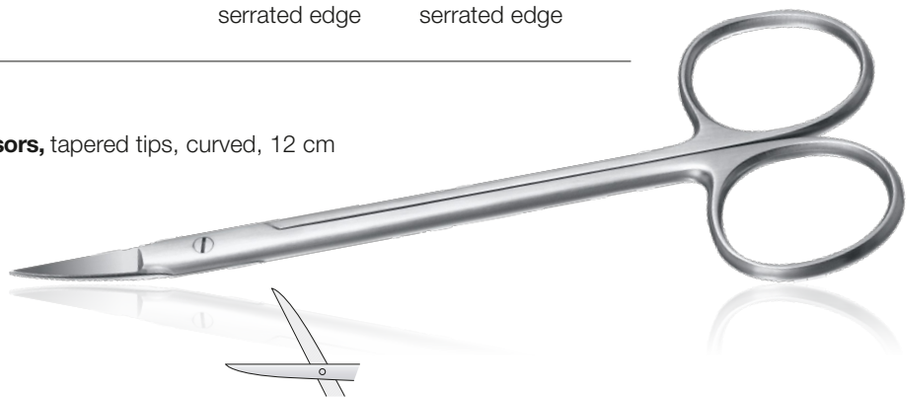
## Scissors

**Locklin Scissors,** serrated, offset tips, 16 cm

| 46.111.16 | 46.111.16SC |
|---|---|
| serrated edge | serrated edge |

---

**Tower Point Scissors,** tapered tips, curved, 12 cm



| 46.221.12 |
|---|

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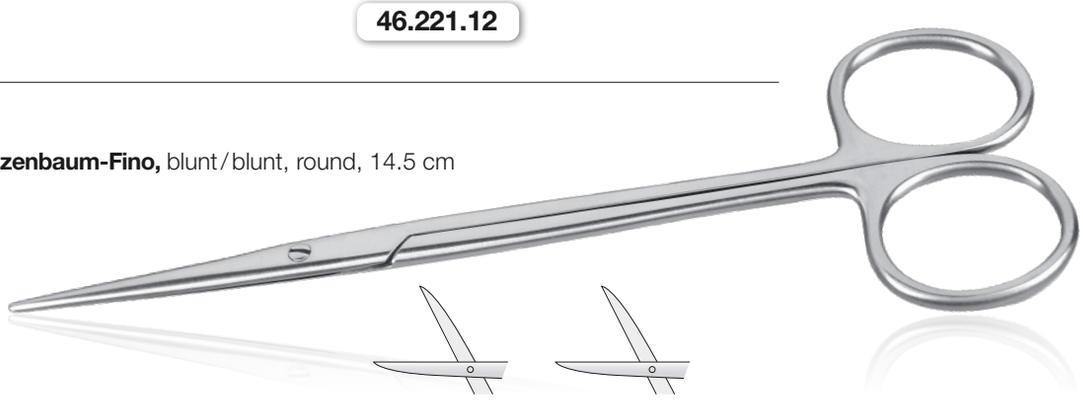
**Metzenbaum-Fino,** blunt/blunt, round, 14.5 cm



| 46.516.14 | 46.517.14 |
|---|---|
| straight | curved |

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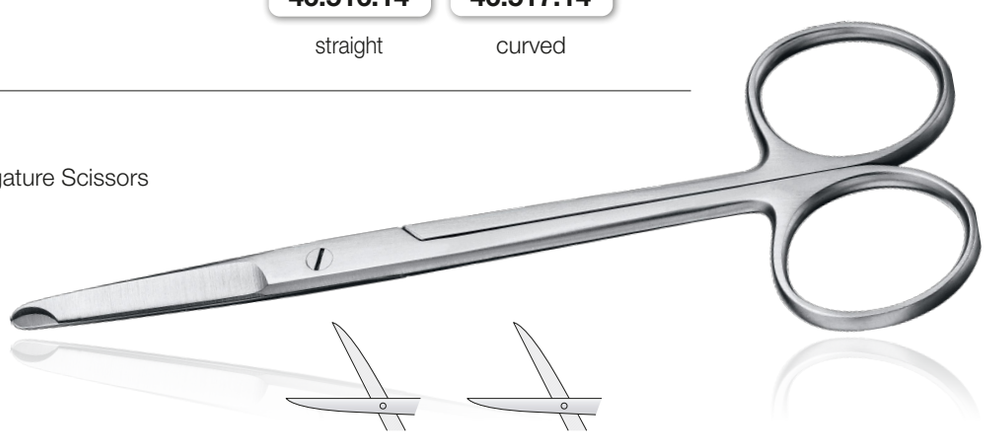
**Spencer,** Ligature Scissors



| 46.640.09 | 46.640.13 |
|---|---|
| 9 cm | 13 cm |

**Surgical Scissors**
# 2, straight, blunt / blunt

13 cm: **46.402.13**

14.5 cm: **46.402.14**

**Surgical Scissors**
# 3, straight, pointed / pointed

13 cm: **46.404.13**

14.5 cm: **46.404.14**

**Universal Crown Scissors**
12 cm

**46.685.12** **46.885.12TC**

**Beebee**
Crown Scissors,
straight, pointed, 10 cm

**46.674.10**

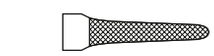
**Beebee**
Crown Scissors,
curved, pointed, 10 cm

**46.675.10**

## Needle Holder

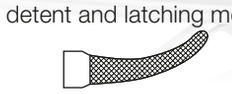
**Lichtenberg**
The inside of the blades of our Lichtenberg Needle Holders is especially constructed with a scooped-out design to reduce weight to a miniumum. This also improves the balance.

**Lichtenberg-Ryder** 3/0 - 4/0
straight, with detent and latching mechanism



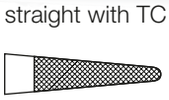
17 cm: **41.318.17TC**

**Lichtenberg-Ryder** 3/0 - 4/0
straight, with detent and latching mechanism



17 cm: **41.317.17TC**

**Mathieu** 2/0 - 4/0
straight with TC



14 cm: **41.310.14TC**
17 cm: **41.310.17TC**

**Mathieu** 3/0 - 4/0
straight without TC

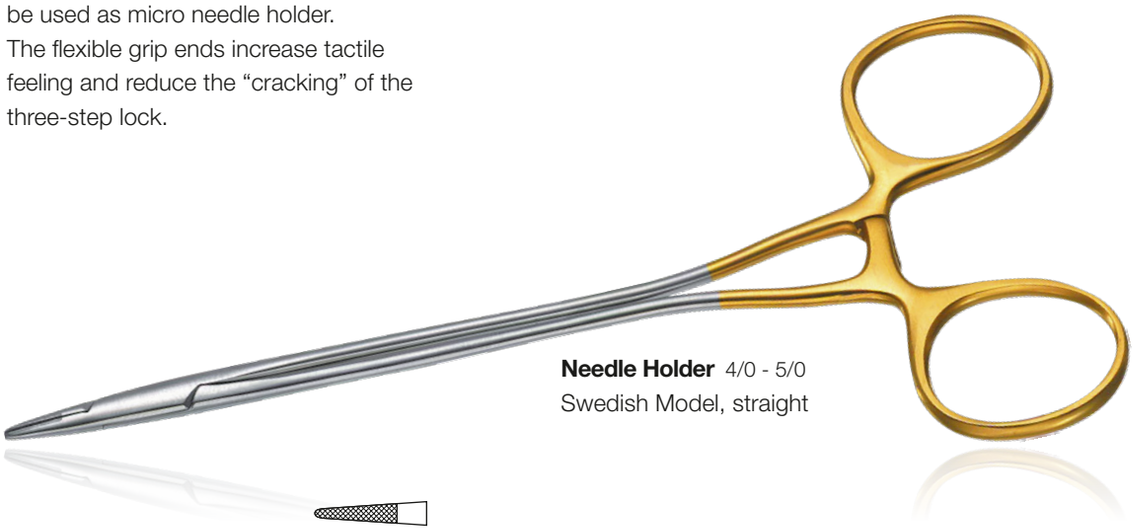
14 cm: **41.262.14**
17 cm: **41.262.17**

14 cm: **41.264.14**
17 cm: **41.264.17**

## Needle Holder

**Swedish Model**

A very fine needle holder which can also be used as micro needle holder.
The flexible grip ends increase tactile feeling and reduce the “cracking” of the three-step lock.



**Needle Holder** 4/0 - 5/0
Swedish Model, straight



15 cm: **41.246.15TC**

**Mayo-Hegar** 3/0 - 4/0
straight

14 cm: **41.258.14TC**
16 cm: **41.258.16TC**
18 cm: **41.258.18TC**

14 cm: **41.256.14**
16 cm: **41.256.16**
18 cm: **41.256.18**

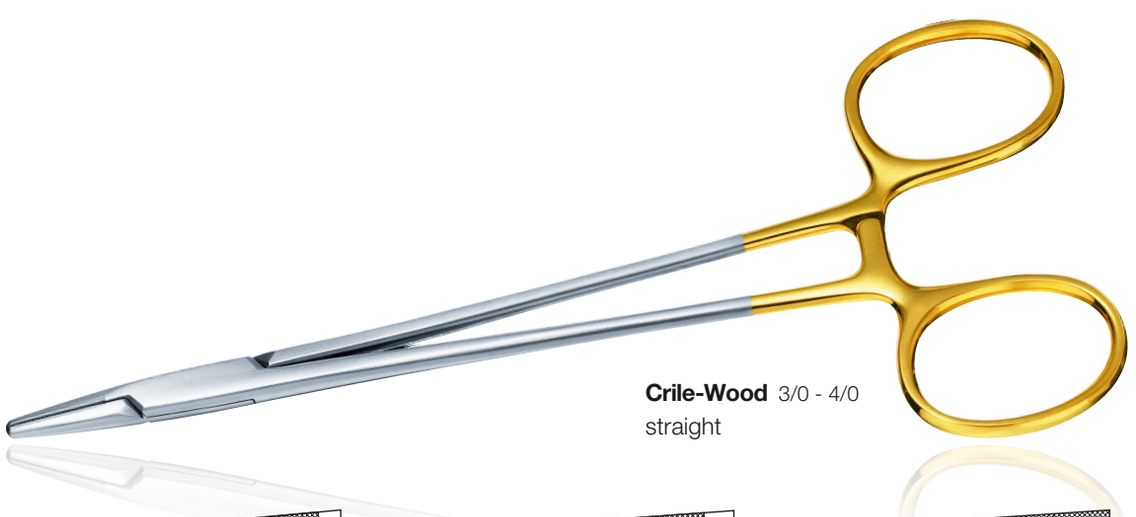
**Derf** 3/0 - 4/0
straight

12.5 cm: **41.362.12**

12.5 cm: **41.240.12**

**Ryder** 3/0 - 4/0
straight

15 cm: **41.352.15TC**



**Crile-Wood** 3/0 - 4/0
straight

15 cm: **41.252.15TC**

18 cm: **41.252.18TC**

15 cm: **41.250.15**

## Surgical Aspirators

Curved, with slot against sucking in, 17.5 cm

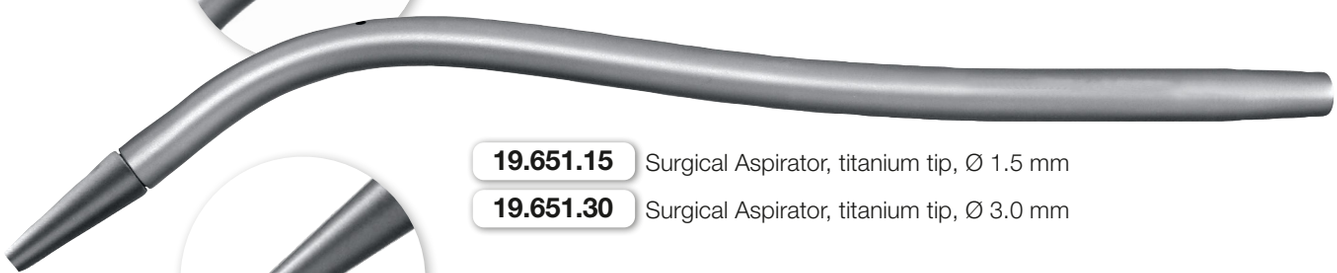
**19.649.15** Ø 1.5 mm

**19.649.30** Ø 3.0 mm

**19.649.50** Ø 5.0 mm

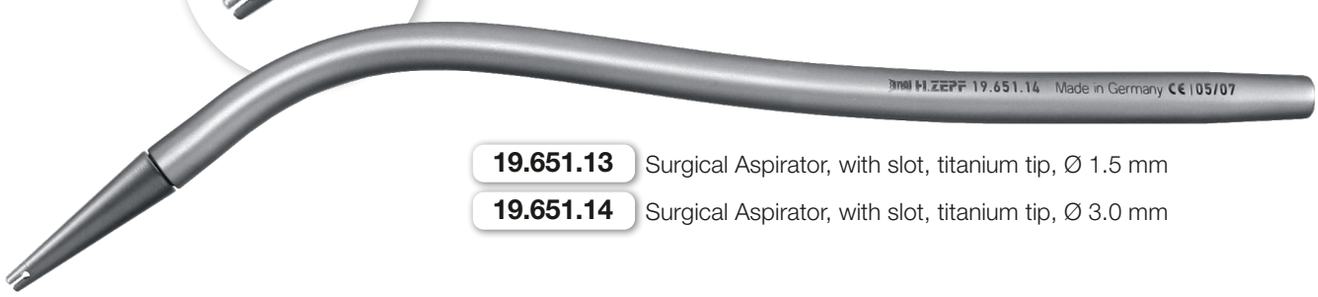
SINUS-line

The specially bent Sinus-Line Aspirators with titanium tip were developed by Dr. Maty.



**19.651.15** Surgical Aspirator, titanium tip, Ø 1.5 mm

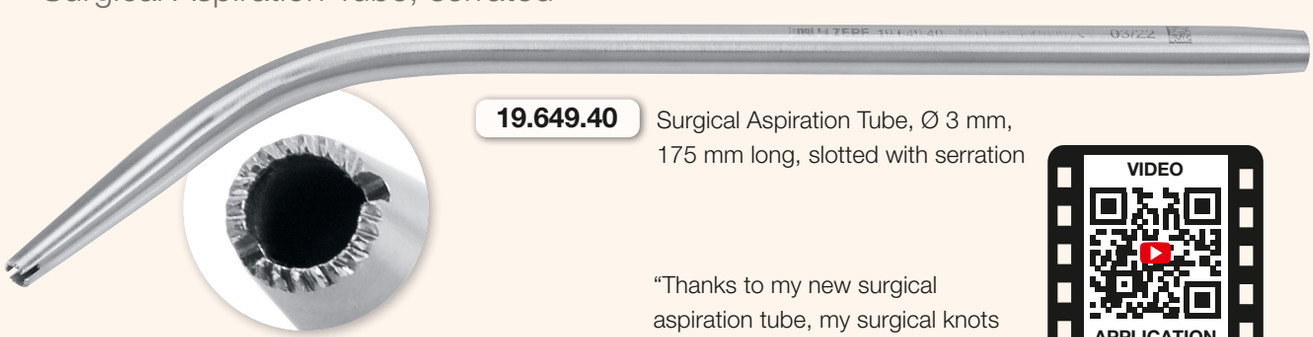
**19.651.30** Surgical Aspirator, titanium tip, Ø 3.0 mm




**19.651.13** Surgical Aspirator, with slot, titanium tip, Ø 1.5 mm

**19.651.14** Surgical Aspirator, with slot, titanium tip, Ø 3.0 mm

## Surgical Aspiration Tube, serrated

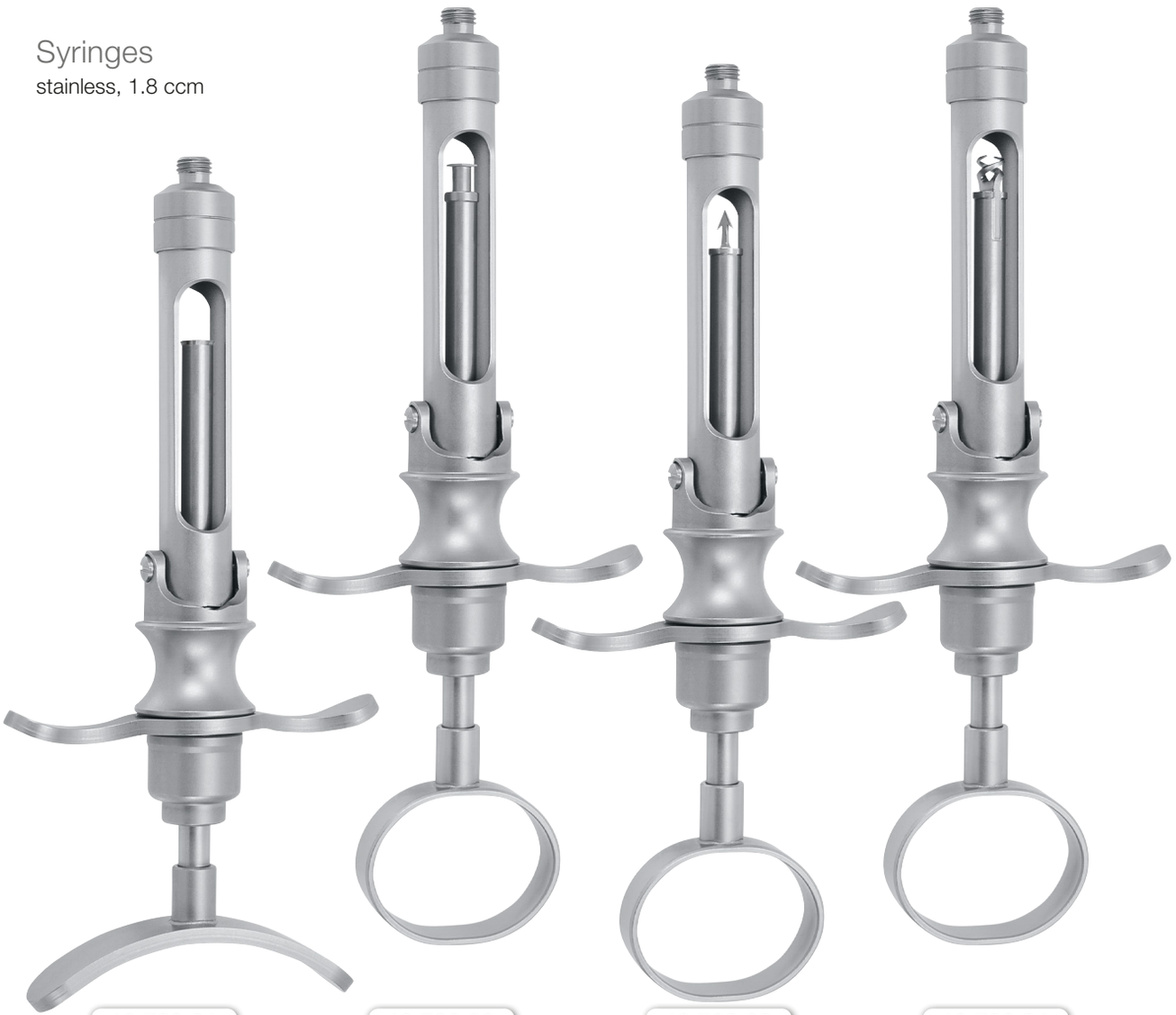


**19.649.40** Surgical Aspiration Tube, Ø 3 mm, 175 mm long, slotted with serration

"Thanks to my new surgical aspiration tube, my surgical knots now fit even tighter and better!"

VIDEO APPLICATION

## Syringes
stainless, 1.8 ccm



**19.700.01**

Cartridge Syringe,
metric thread, 1.8 ccm,
self-aspiration,
crutch handle

**19.700.02**

Cartridge Syringe,
metric thread, 1.8 ccm,
rhombus aspiration,
thumb ring handle

**19.700.03**

Cartridge Syringe,
metric thread, 1.8 ccm,
harpoon aspiration,
thumb ring handle

**19.700.04**

Cartridge Syringe,
metric thread, 1.8 ccm,
corkscrew tip aspiration,
thumb ring handle

**self-aspiration**

**19.700.01US**

US thread

**rhombus aspiration**

**19.700.02US**

US thread

**harpoon aspiration**

**19.700.03US**

US thread

**corkscrew tip asp.**

**19.700.04US**

US thread

**85.252.140**

Round Bowl, stainless steel,
Ø 80 mm x 40 mm high,
content 0.14 l

**85.264.350**

Round Bowl, stainless steel,
Ø 116 mm x 50 mm high,
content 0.35 l

## Syringes and Cannulas



**19.700.00**

Adjusting Screw with
slot, compatible for all
cartridge syringes

**19.710.18**

Cartridge Syringe
Breech-Loading-System,
3 aspiration hooks,
1.8 ml, with ring

**Frazier**
Suction Cannula, 18 cm

**19.641.02** Ø 2 mm

**19.641.03** Ø 3 mm

## Retraction-Thread Plugger

The ergonomic shape of the instrument tips allows plugging of the thread even in difficult spots.

The notch at the tips make it substantially easier to tie the thread around the tooth, the thread remains in the pocket and does not stick to the instrument.

The plugger is made of stainless steel and has the new **ZEPF** BIONIK Handle.

**24.548.01** Retraction-Thread Plugger, exchangeable

## Probes

Antrum Probe



**19.576.13** Ø 1.5 mm, 13 cm

**19.574.14** Ø 1.0 mm, 14.5 cm

**19.576.14** Ø 1.5 mm, 14.5 cm

**19.576.16** Ø 2.0 mm, 16 cm

## Luniatschek

**19.600.18** Cotton Plugger, 1.8 mm, fine, 17.5 cm

**19.600.25** Cotton Plugger, 2.5 mm, wide, 17.5 cm

**Universal Crown Scissors**
12 cm

**46.685.12** **46.885.12TC**

## Miller Bone- & Alveolotomy File

Parallel cut, 17.5 cm

**41.881.01** # 1

**41.881.02** # 2

**31.760.11**

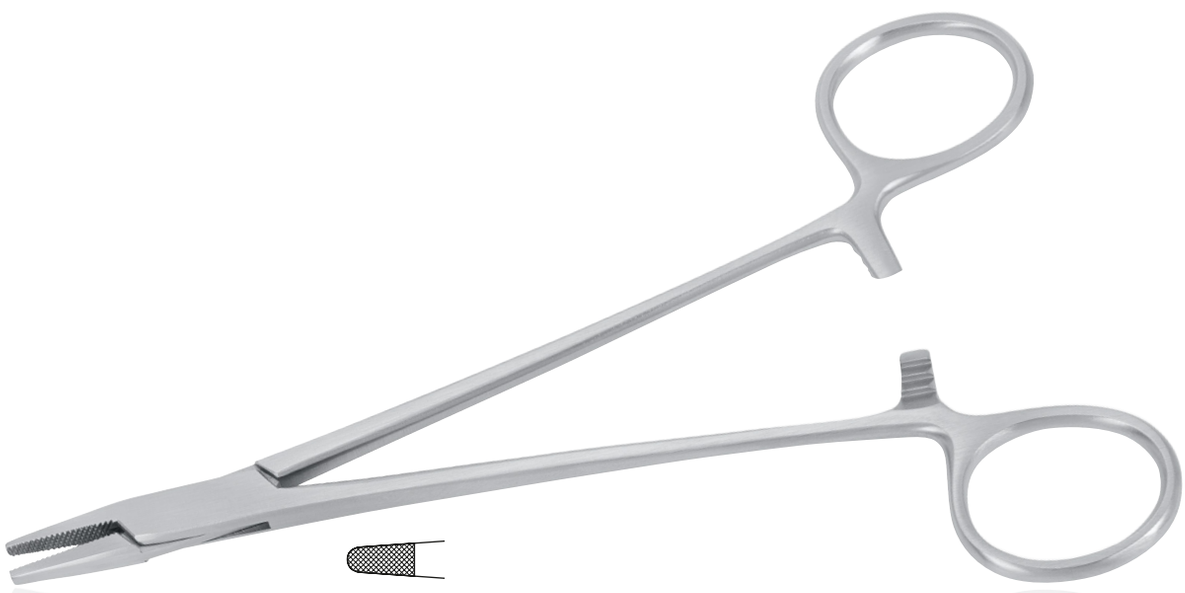
Wire Cutting Pliers,
max. 0.7 mm,
hard steel inserts,
12.5 cm

## Wire Seizing / Ligature Pliers and Fracture Splint

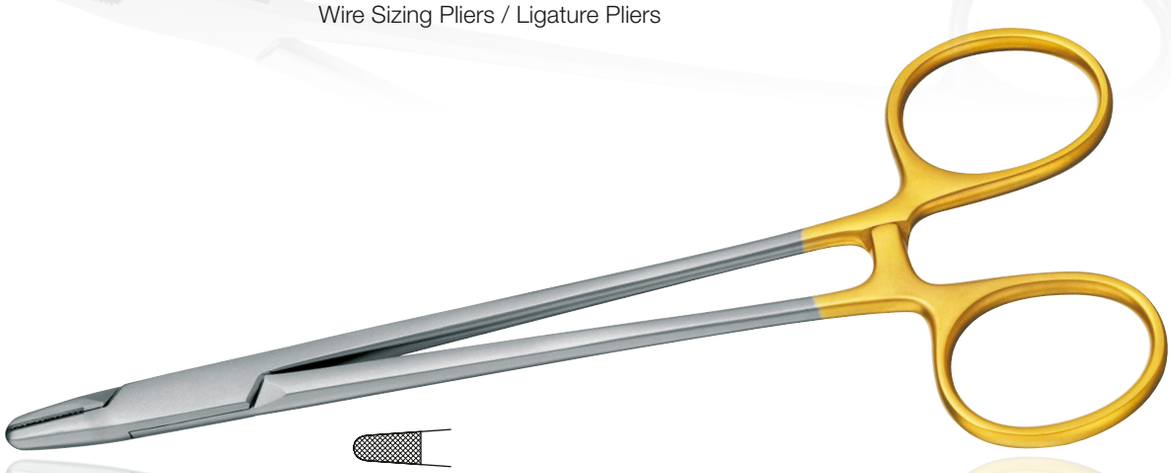


**41.905.00** 100 cm
**Fracture Splint**

**41.914.16**
Wire Sizing Pliers / Ligature Pliers,
16 cm, with TC inserts



**41.916.15** 15 cm
Wire Sizing Pliers / Ligature Pliers



**41.917.15** 15 cm
Wire Sizing Pliers / Ligature Pliers
with TC inserts

## Mirrors for Interoral Photography

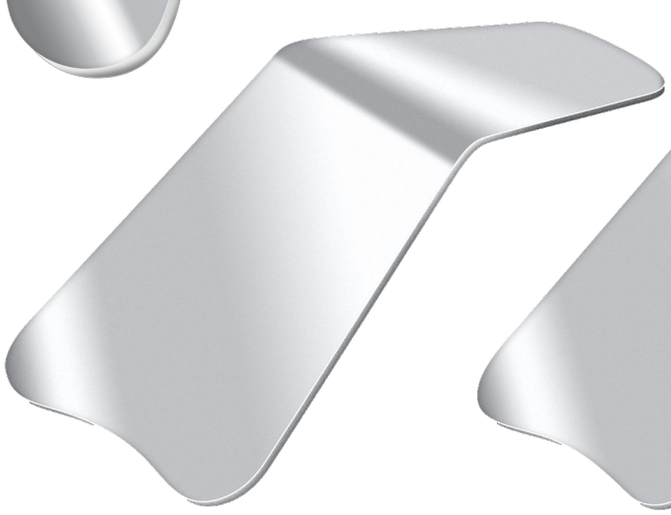
Titanium-coated front surface for very clear picture.

**24.058.02**
Mirror for children,
palatinal pictures,
width 5.5 cm

**24.058.01**
Mirror for adults,
palatal pictures,
width 6.8 cm

**24.058.04**
Mirror for lingual
pictures,
width 5.4 cm

**24.058.03**
Mirror for lateral
pictures,
width 3.5 cm

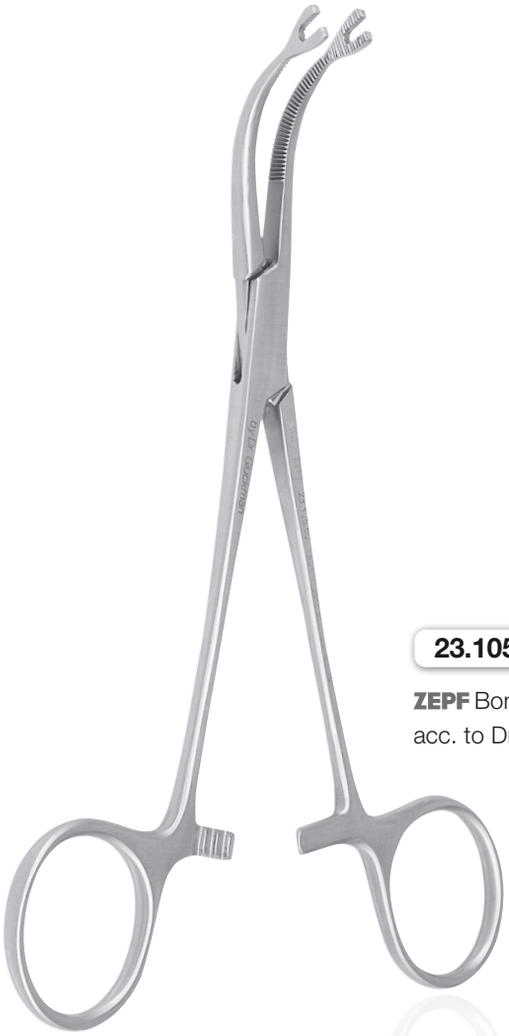


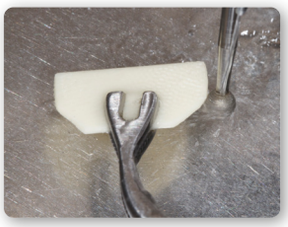
for occlusal pictures
Big Mirror, 6.8 cm

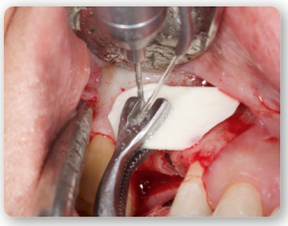
for lingual pictures
Small Mirror, 5.5 cm

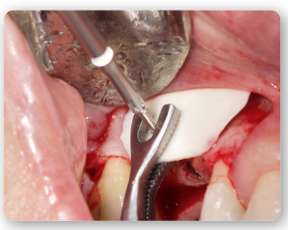
**24.058.10**
1 pair of Mirrors,
stainless steel, polished

# **ZEPF** Bone Holding Forceps
acc. to Dr. Howard Gluckman









**23.105.50**

**ZEPF** Bone Holding Forceps
acc. to Dr. Howard Gluckman

## Dr. Howard Gluckman

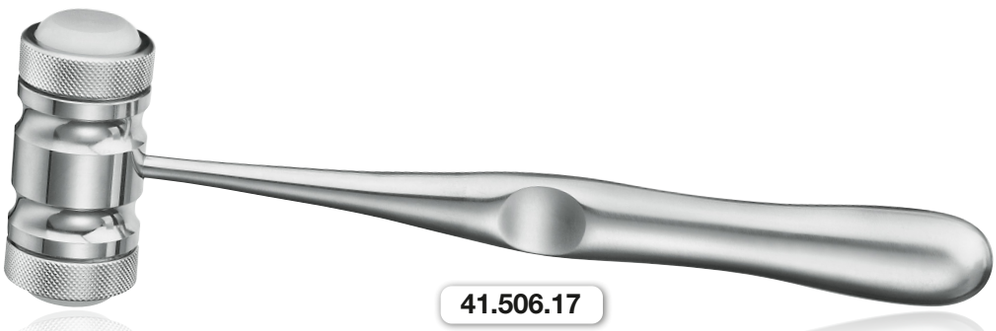
Specialist in Periodontics, Implantology and Oral Medicine
Director of Implant & Aesthetic Academy, Cape Town, South Africa

“Bone holding forceps that I have tried so far are always very difficult to handle and some require 2 hands to use them effectively. A big problem for me was that the forceps usually got in the way and made screwing the bone blocks into position difficult. This inspired me to create a bone holding forceps that allowed one to effectively hold the bone plate or the bone block and at the same time having adequate space for the bone screws and driver.
The holder is easy to use with one hand due to the ratchet design and firmly grips either the bone plate or block on its own, thereby allowing fixation of the plate at the desired distance from the bone; if you utilise the Khoury technique; or to hold both bone block and recipient site thereby enabling easy bone fixation. The bone vice is designed to work with both large and small blocks.”

**41.501.01**

with exchangeable plastic inserts,
Ø 25 mm, light metal handle, by Dr. Vollmer, 18 cm

**41.500.17M** Hammer, massive, Ø 20 mm, 130 g, 16.5 cm



**41.506.17**

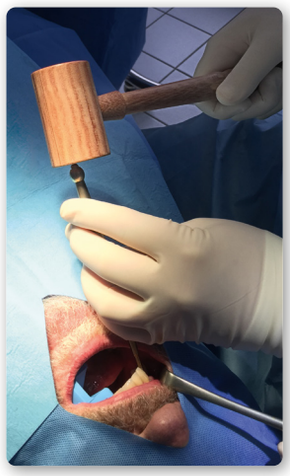
**Mead** Hammer with exchangeable plastic inserts, 19 cm

## 100 gram Hammer

**41.501.01AS**

Hammer with exchangeable plastic inserts,
100 gram total weight, 18 cm

## Hammer, Ferrozell



The big hammer lies perfectly in the hand. Due to its (woodlike) material consistency, it offers a superior feeling in osteotomizing. No feel of metal, no loosening of plastic inserts – You always have the feeling of hitting perfectly and of regulating the pressure and the speed…
A true miracle of dental surgery and a must for each OT Set – not only for “big” surgeons!

**41.503.00**

Hammer, Ferrozell, head Ø 42 mm, 170 g,
total weight 240 g, 260 mm long

**41.503.01**

Hammer, Ferrozell, head Ø 35 mm, 100 g,
total weight 180 g, 250 mm long, fitting washbasket

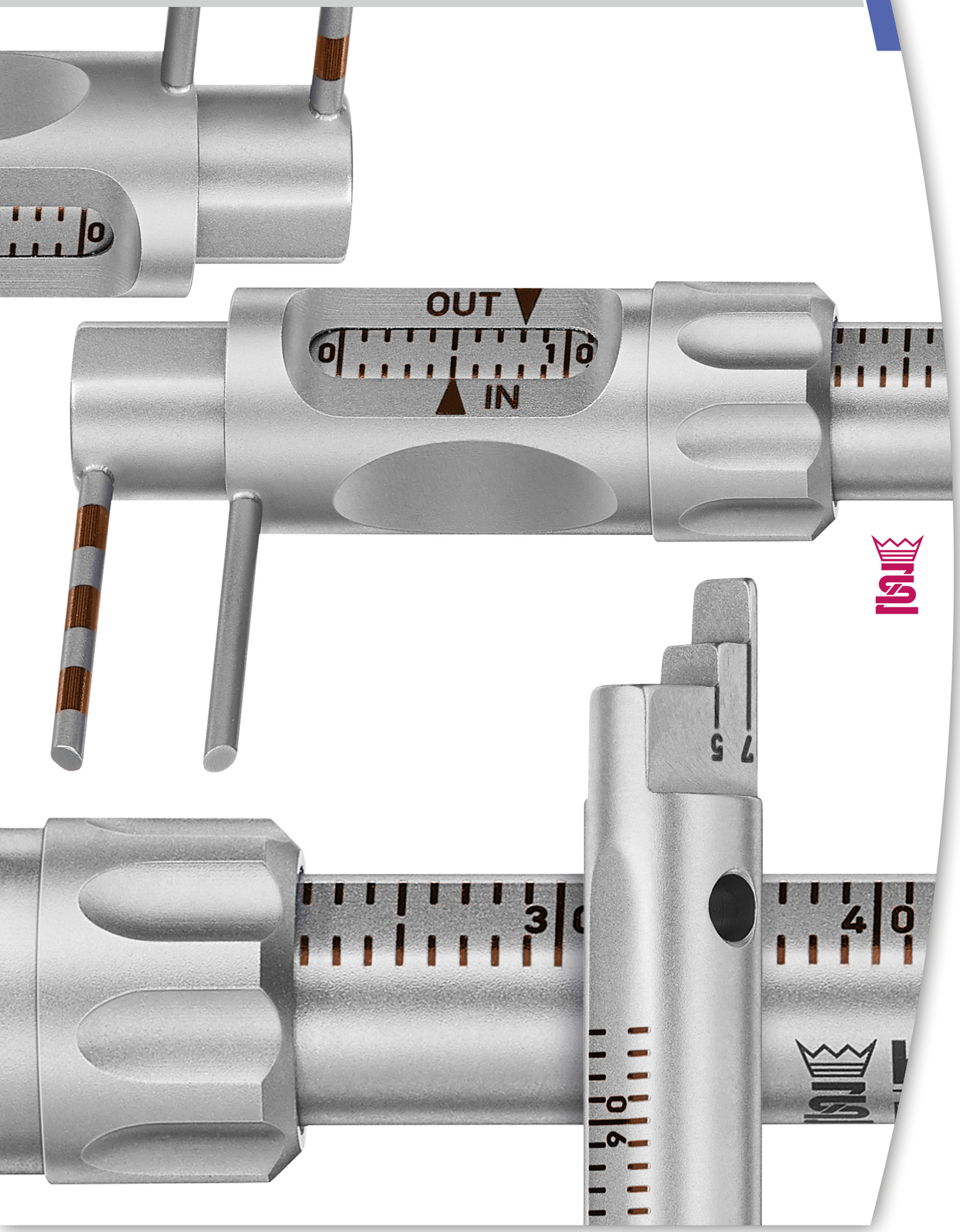
zepf-dental.com

VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

The instruments illustrated in this catalogue are subject to modifications regarding technical progress and improvements.

Scale

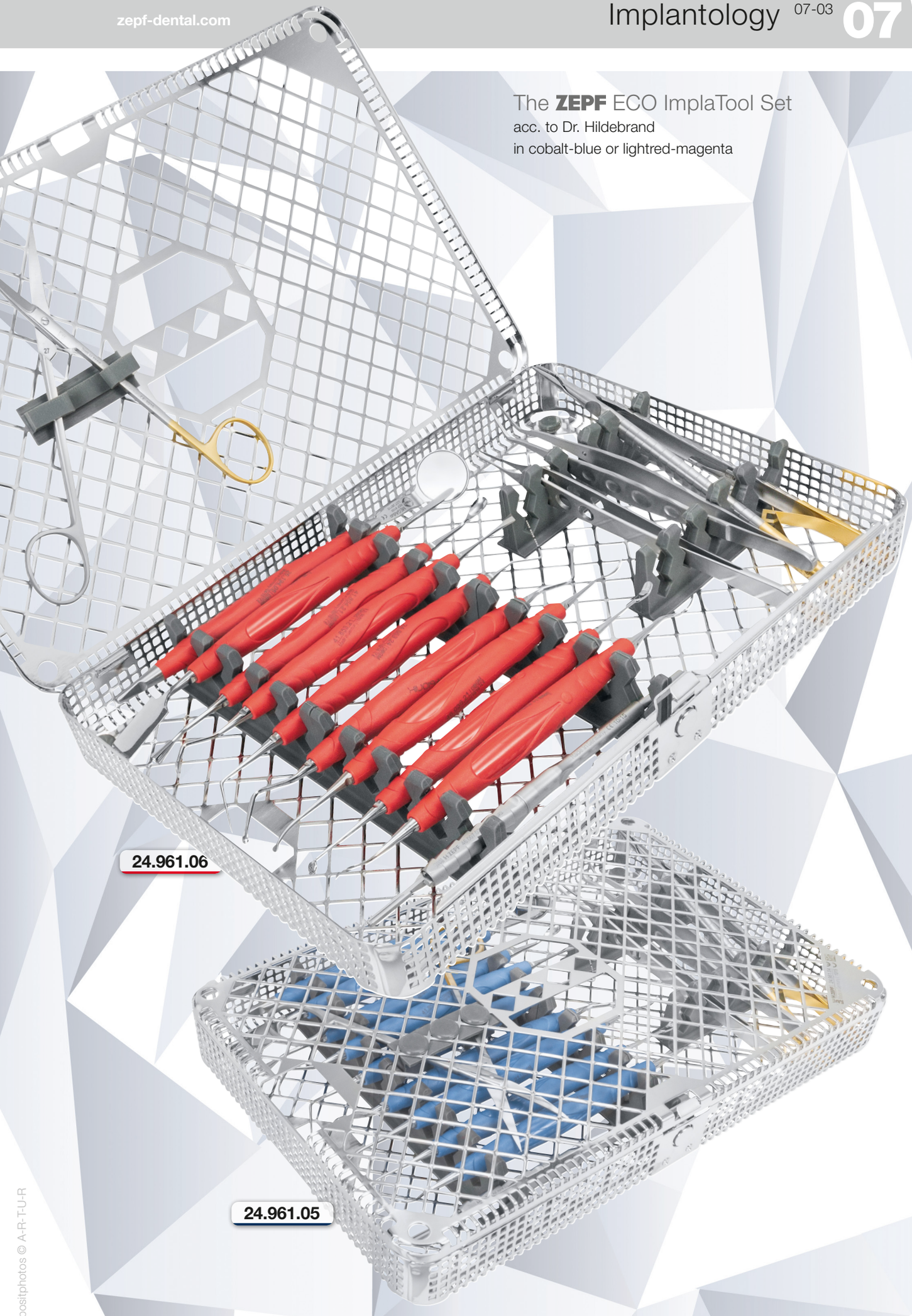

OUT
IN
0
10
3
4
7
5
9
0

VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

# The **ZEPF** ECO ImplaTool Set

acc. to Dr. Hildebrand
in cobalt-blue or lightred-magenta



**24.961.06**

**24.961.05**

depositphotos © A-R-T-U-R

## Content: **ZEPF** ECO ImplaTool Set

The **ZEPF** ECO ImplaTool Set in cobalt-blue **24.961.05** or lightred-magenta **24.961.06**.
Out of his own experience Dr. Hildebrand came up with a complete instrument set for the whole oral surgery and the treatment in the implantology and periodontalogy. No matter if classical or new conceptions, like sinus elevation or microsurgical interventions, all demands can be covered.
Special raspatories, elevators and dissecting instruments enable and simplify surgical procedures and mainly non-traumatic operations. The exchangeable working tips inserted in the ergonomic bionik handle offer highest economy and best tactile handling.
Clearly organized in a washbasket – so everything is always easily at hand for the practitioner.

**24.751.520W**

Dissector, blunt | Papillex

**24.751.178**

**46.036.11**

**46.036.21**

**24.751.179**

Back Action 90° | Scalpel, sharp, 4 mm

**24.751.512**

**41.853.11**

**41.853.21**

**24.751.176 S**

Plugger, 5 mm | Spoon, 6 mm

**24.751.177**

**41.854.11**

**41.854.21**

**24.751.150**

Prichard Raspatory, 4 mm | Prichard Spatula

**24.751.126**

**41.854.12**

**41.854.22**

**24.072.22.** MEGAduo Mouth Mirror Insert, **26.194.07** **26.194.05** bionik Universal Handle single-ended

**41.751.012LU**

Curette Lucas, 2.5 mm

**41.751.011LU**

**41.855.20**

**41.855.22**

**24.751.155**

Sinus Elevator, double-ended, acc. to Ho-Hi

**24.751.156**

**41.854.13**

**41.854.23**

**24.751.107HF**

Hygienist, very fine version # H6 | # H7

**24.751.106HF**

**24.207.06HF**

**24.205.06HF**

**24.455.06**

Probe # 16 | PA Probe North Carolina CNC

**24.098.03A**

**24.853.14**

**24.853.24**

## Content: **ZEPF** ECO ImplaTool Set

**41.200.17TC**

**Micro Needle Holder**
**ZEPF**-Line, with lock & protected inner spring, SpinLock, stainless steel, 17.5 cm, TC

**46.081.16SC**

**Joseph Scissors**
curved, micro serrated, SuperCut, 14 cm

**46.007.18**

**Drop-Control**
Scalpel Blade Holder, Ø 9.5 mm

**22.489.00**

**Micro-Adson**
1 x 2 teeth, with suture plate, 15 cm

**22.025.03**

**Tweezers**
with stop-pin, ergonomic, 15 cm

## Bone Scraper

Collecting autologous bone material.

In oral surgery bone replacements and bone structures are often combined with autologous bone pieces during augmentations in order to use their osteoinductive effect. The Bone Scraper is the perfect instrument for an easy and quick collection of autologous bone structures. It enables you to scrape, collect and transplant the patients' own bone. Everything can be done without the usage of bone filter, trephine bur, saw or bone mill.

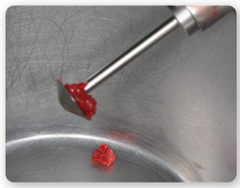
The blade makes a collection of cortical and spongious bone possible.
The bone is collected in a chamber during the scraping and at the same time the bone is being mixed with blood. The bone material can be implanted directly out of the Bone Scraper which has been sterilized before.

**47.957.00** Ø 10 mm, **ZEPF**-Line, in closed position, 15.6 cm

Open position, the bone material can easily be taken out of the chamber

**47.957.01** **Spare blade** for 47.957.00

## **ZEPF** Bone Scraper II



By using the Bone Scraper, instruments like bone filters, trephines, saws and bone mills are no longer necessary. Its blades allow a fast harvesting of cortical and cancellous bone. The cost-efficient disposable blade offers the practitioner an always sharp and economical instrument.

**Spare Blade**
replacements, available in quantities of:

**47.957.30**
PU 3 pieces

**47.957.50**
PU 5 pieces

**Sleeve**

**47.957.70**

**Bone Scraper II**
**ZEPF**-Design, with sleeve and disposable blade

**47.957.10**
straight version

**47.957.15**
angled version

**Bone Scraper II Handle**

**47.957.60**
straight version

**47.957.65**
angled version

**Essential advantages:**

- ergonomic
- easy cleaning
- quickly replaceable blade
- simple application
- cost-efficient

# IDR Kit – Immediate Dentoalveolar Restoration

acc. to Dr. J. C. M. Rosa

# IDR Kit – Immediate Dentoalveolar Restoration

acc. to Dr. J. C. M. Rosa

The selection of the right chisel to remove the graft from the maxillary tuberosity is performed according to the shape of the existing defect in the receiving area and the required bone volume. The most suitable chisel shapes are the straight and the gouge ones of 6, 8 or 10 mm width.

As a general rule, the chosen chisel should be 2 mm wider than the graft width to be removed.
These chisels have a milimetered active part with the aim to ease the graft measurement at the moment of removal, allowing the obtention of a bone specimen with suitable length and thickness.

## Content: IDR Kit

| Illustration | Article Description | Order Quantity |
|---|---|---|
| | **41.550.00**<br>IDR Kit acc. to Dr. J. C. M. Rosa<br>organized in a washbasket with lid (REF 85.195.60)<br>consisting of: | 1 set |
| | **41.550.06**<br>6 mm, Lexer Mini Osteotome, 18 cm long | 1 piece |
| | **41.550.08**<br>8 mm, Lexer Mini Osteotome, 18 cm long | 1 piece |
| | **41.550.10**<br>10 mm, Lexer Mini Osteotome, 18 cm long | 1 piece |
| | **41.552.06**<br>6 mm, Lexer Mini Gouge, 18 cm long | 1 piece |
| | **41.552.08**<br>8 mm, Lexer Mini Gouge, 18 cm long | 1 piece |
| | **41.552.10**<br>10 mm, Lexer Mini Gouge, 18 cm long | 1 piece |
| | **24.532.19**<br>Condenser, titanium, with depth measurement, exchangeable tips, in ZEPF bionik Handle | 1 piece |
| | **85.251.04**<br>Mixing Cup, stainless steel, with lid, Ø 40 mm | 1 piece |

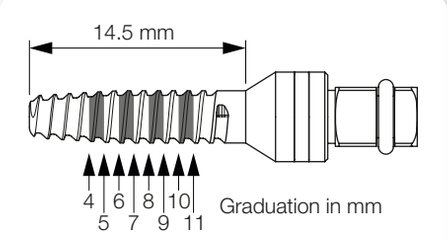
## Bone Expander System

To expand resorbed bone with a controlled minimally invasive technique, helical spreaders can be used as an alternative to osteotomes.
The cancellous bone is expanded and condensed which leads to a higher primary stability for subsequent implant insertion.

**47.565.00**

Bone Expander System
organized in a washbasket 1/3 with lid
(REF 85.192.65) consisting of: see table

| Art. No. | Article Description |
|---|---|
| 47.565.05 | Expansion Screw 1.8 x 2.5 mm x 14.5 mm |
| 47.565.06 | Expansion Screw 2.0 x 3.0 mm x 14.5 mm |
| 47.565.07 | Expansion Screw 2.5 x 3.0 mm x 14.5 mm |
| 47.565.08 | Expansion Screw 2.8 x 4.0 mm x 14.5 mm |
| 47.565.09 | Expansion Screw 3.0 x 4.0 mm x 14.5 mm |
| 47.800.05 | Wrench without torque |
| 47.565.01 | Adapter with dental connector |
| 47.565.02 | Adapter with square fitting |
| 47.099.08 | Saw Separating Disc Ø 8 mm |
| 08.525.16 | Drill Ø 1.96 x 15 mm |




**Scale 2:1**

# IMPLANT-EX

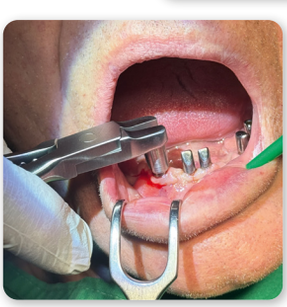
**ZEPF** Explantation Pliers

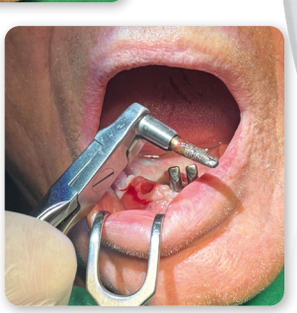
Implant restoration in the jaw is a blessing for patient care. With advancing age, it is unfortunately not always possible to avoid having to remove an implant again. There are many different indications for this.
This can be due to a lack of supply of replacement parts or a clinical indication that makes the explantation of the implant necessary.
With the new IMPLANT-EX forceps from **ZEPF**, this implant extraction can be carried out easily, both in the lower jaw and in the upper jaw. The mouth of the forceps is designed in such a way that the milled grooves and the selected radius allow safe gripping of the different implant diameters.

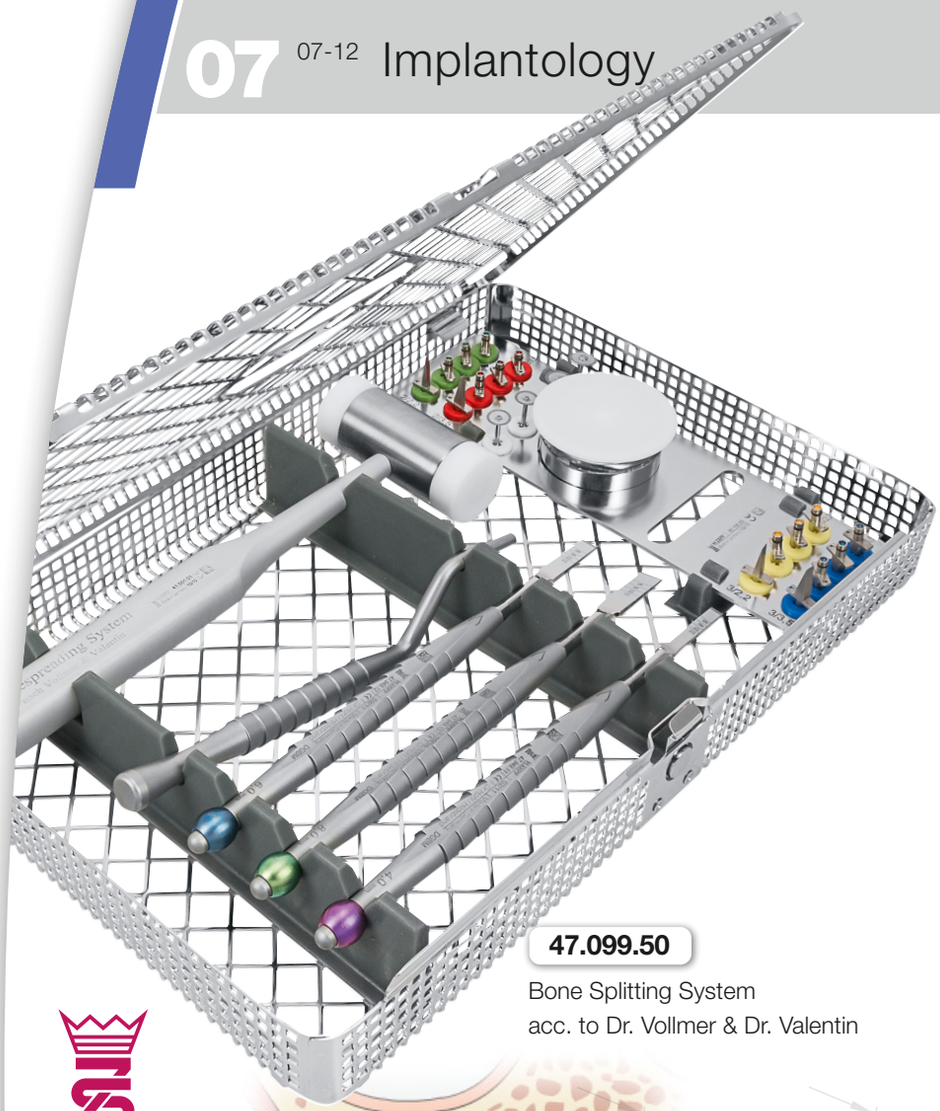
This means that in many cases it is certainly not necessary to remove the implants with trephine drills and this implant extraction can be carried out in a much more patient-friendly manner.

**47.834.00**
Explantation Pliers
upper jaw, stainless,
155 mm

**47.834.01**
Explantation Pliers
lower jaw, stainless,
155 mm







**47.099.50**

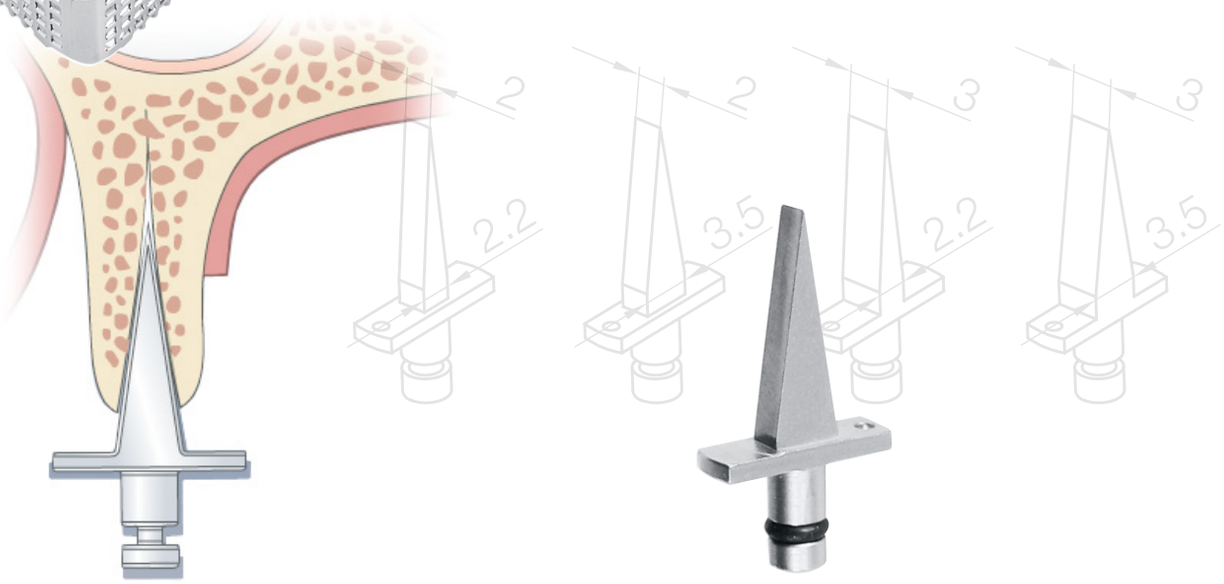
Bone Splitting System
acc. to Dr. Vollmer & Dr. Valentin

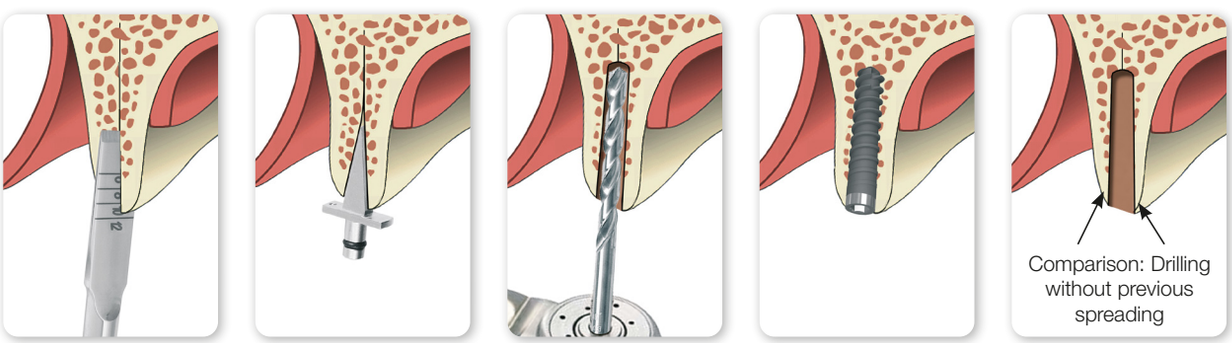
## Bone Splitting System

acc. to Dr. Vollmer & Dr. Valentin

A successful implantation primarily depends on sufficient bone in the region of the alveolar process and especially on the quality of the bone. Only a stable bone structure can guarantee a safe anchorage of the implant.
In addition to modern augmentation methods, the bone splitting technique is becoming more and more important.

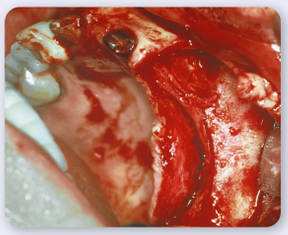
The principle is based on the creation of a similar alveolar cavity in the maxillary crest with a good potential of regeneration.
For this indication, the experienced implantologists Dr. Vollmer and Dr. Valentin have developed exactly adapted system components for different anatomical situations in co-operation with the company .

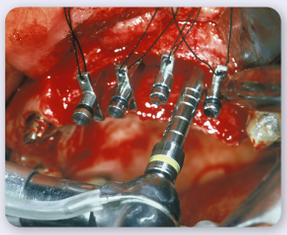


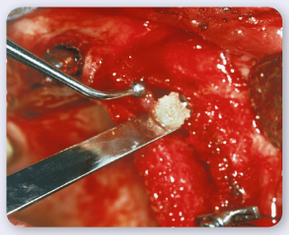



Comparison: Drilling without previous spreading

At first, the maxillary crest which has become too small due to atrophy is being separated in its longitudinal direction by diamond discs. Thereafter, it is split carefully by means of chisels. In doing so, the lateral cortical bone lamellae are preferably displaced in labial direction.







After these preparatory steps, small wedges are inserted in the gap. In each case, two wedges are used as placeholders for the drilling of the implant bed and the insertion of the implant.

While drilling, the bone lamellae are reliably prevented from springing back. Upon insertion of the implants and removal of the inter-implantatory wedges, the remaining gaps can be filled with augmentation material in order to allow an augmentation and, in opportune cases, an immediate and simultaneous implantation.

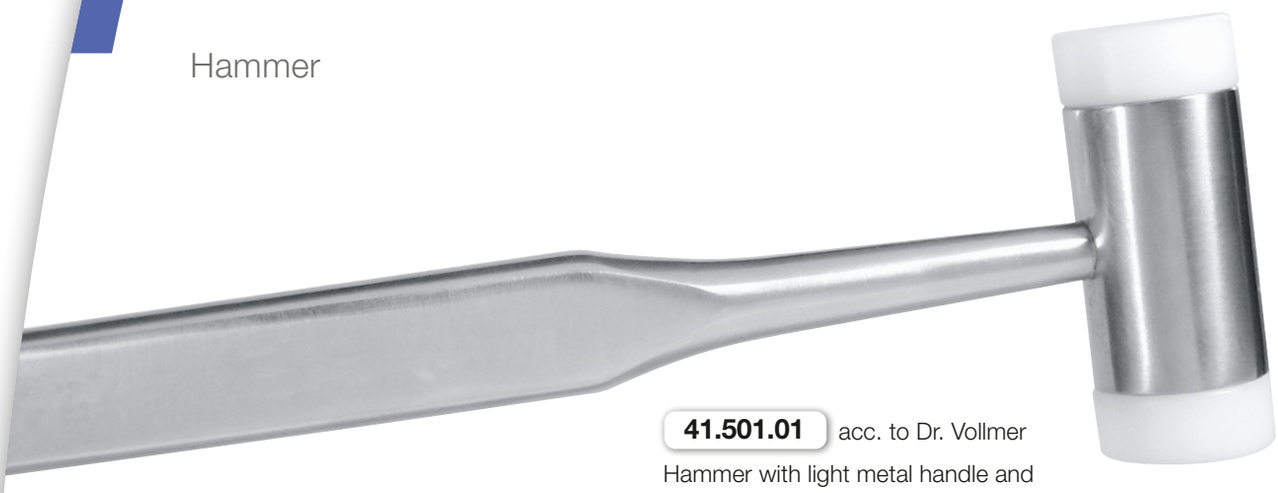
## Content: Bone Splitting System

**47.949.11** Pointed Chisel 4 mm

**47.949.12** Pointed Chisel 6 mm

**47.949.13** Pointed Chisel 8 mm

## Hammer



**41.501.01** acc. to Dr. Vollmer
Hammer with light metal handle and exchangeable plastic inserts Ø 25 mm

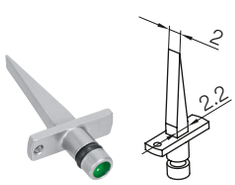
## Separating Discs

**47.099.08**
Separating Disc Ø 8 mm, 2 pieces in set

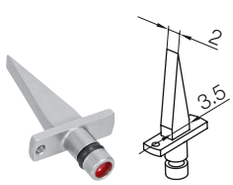
## Wedge Applicator

**47.099.20** Wedge Applicator

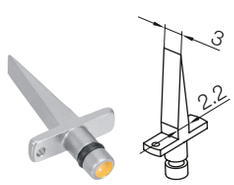
## Inter-Implantatory Wedges



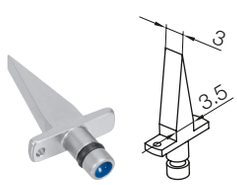

**47.099.31**
Wedge 2 mm / 2.2 mm, green




**47.099.32**
Wedge 2 mm / 3.5 mm, red



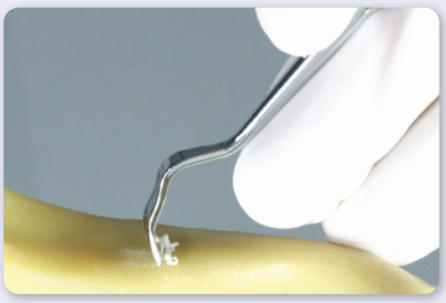

**47.099.33**
Wedge 3 mm / 2.2 mm, yellow

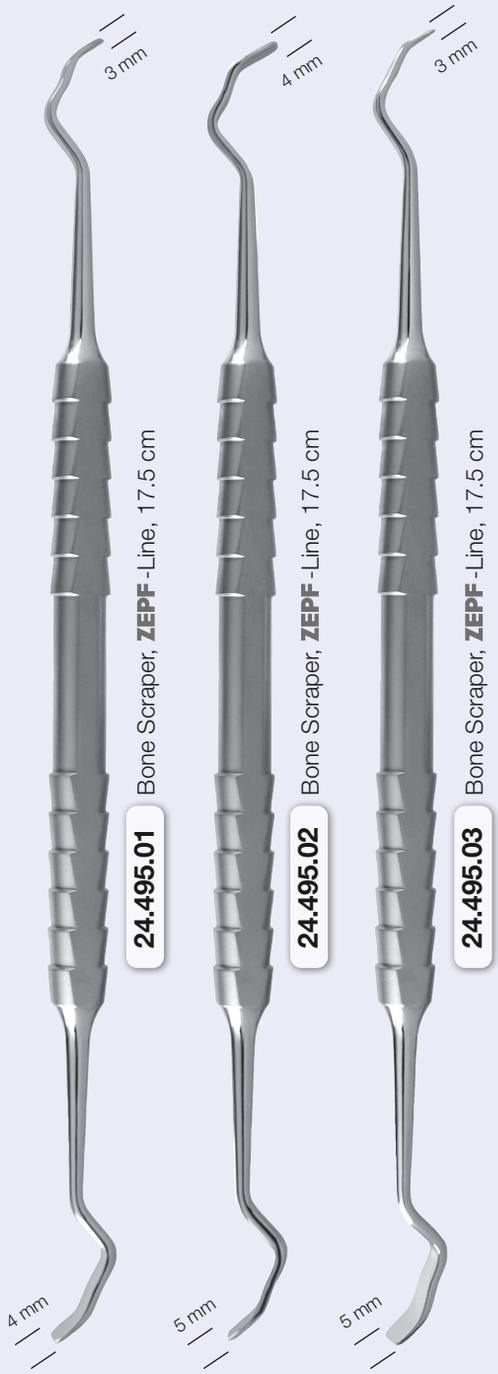



**47.099.34**
Wedge 3 mm / 3.5 mm, blue

## Back Action Chisel

Modified as Bone Scraper in different widths, to gain autologous bone during operation.



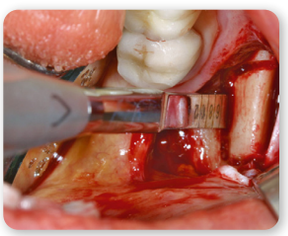



## Bone Fitting Set

acc. to Dr. Hohl & Dr. Hildebrand

**47.949.95**

Bone chisels are used to gain bone chips, to shape bone structures and to widen bones from the cranial side. The pointed chisels are used for the first widening of the maxillary crest. The flat chisels smoothen and shape bone structures.



## Content: Bone Fitting Set

pointed

- **47.949.11** (4.0 mm)
- **47.949.12** (6.0 mm)
- **47.949.13** (8.0 mm)

flat

- **47.949.21** (4.0 mm)
- **47.949.22** (6.0 mm)
- **47.949.23** (8.0 mm)

## Osteotome Set
with exchangeable inserts

**47.961.00**

1 x washtray 85.184.26
2 x handle 17.700.00
12 x insert (as illustrated)

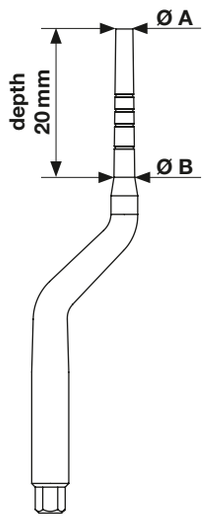
**See pages 10-03 to 10-07 for washtrays, washbaskets and Tray-in-Tray-System!**

**17.700.40**

**17.700.00** Handle for exchangeable inserts

**47.961.20**

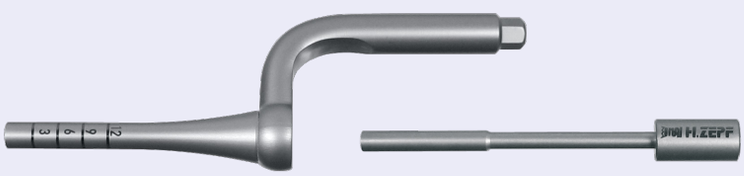
**17.700.45** Clamping Screw




| convex | concave | Ø A | Ø B | grading |
|---|---|---|---|---|
| 47.961.20 | 47.962.20 | 2.0 mm | 2.0 mm | 9/11/13/16 |
| 47.961.28 | 47.962.28 | 2.3 mm | 2.8 mm | 9/11/13/16 |
| 47.961.33 | 47.962.33 | 2.8 mm | 3.3 mm | 9/11/13/16 |
| 47.961.38 | 47.962.38 | 3.4 mm | 3.8 mm | 9/11/13/16 |
| 47.961.43 | 47.962.43 | 3.9 mm | 4.3 mm | 9/11/13/16 |
| 47.963.50 | 47.962.50 | 5.0 mm | 5.0 mm | - |
| 47.963.60 | | 6.0 mm | 6.0 mm | - |

## Hollow Cylinder Osteotomes acc. to Dr. Vollmer & Dr. Valentin

With the ejector, which will positioned at the distal end, the gained bone material can be implanted efficiently in another place. Comparable with solid osteotomes it comes to a condensing of the bone in order to get a better primary stability for the implant in a cancellous bone.



**47.750.03** Ø 3 mm
**47.750.04** Ø 4 mm
**47.750.13** Ejector Ø 3 mm
**47.750.14** Ejector Ø 4 mm

## Osteotome Set

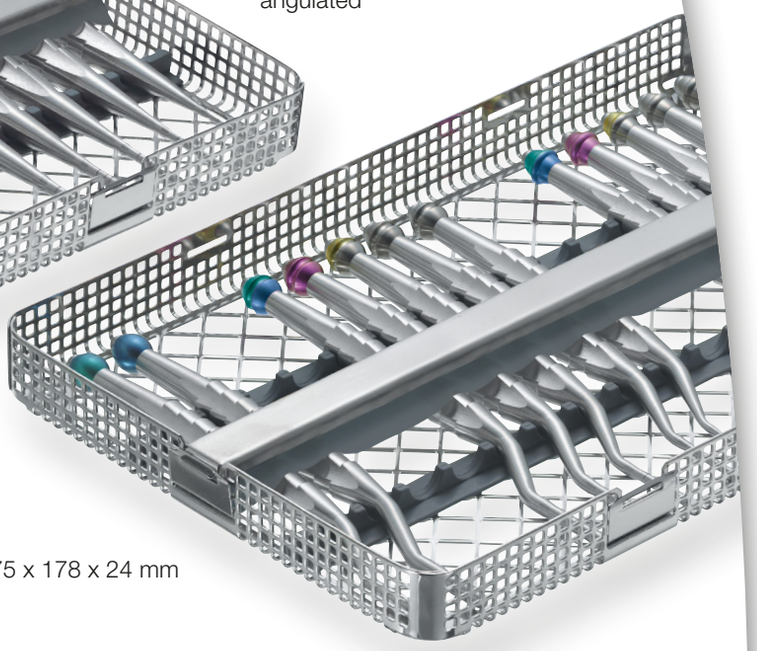
**47.940.00**

straight

## Osteotome Set

**47.940.01**

angulated



always including

**85.180.00** Washtray 1/1, for max. 16 hand instruments
incl. 2 silicone rubbers and instrument retainer, 275 x 178 x 24 mm

| Article Description | |
|---|---|
| **47.940.00** | Osteotome Set, straight |

### **concave** straight

| | |
|---|---|
| **47.942.20** | Ø 2.0 |
| **47.942.28** | Ø 2.3 - 2.8 |
| **47.942.33** | Ø 2.8 - 3.3 |
| **47.942.38** | Ø 3.4 - 3.8 |
| **47.942.43** | Ø 3.9 - 4.3 |

### **convex** straight

| | |
|---|---|
| **47.944.20** | Ø 2.0 |
| **47.944.28** | Ø 2.3 - 2.8 |
| **47.944.33** | Ø 2.8 - 3.3 |
| **47.944.38** | Ø 3.4 - 3.8 |
| **47.944.43** | Ø 3.9 - 4.3 |

| Article Description | |
|---|---|
| **47.940.01** | Osteotome Set, angulated |

### **concave** angulated

| | |
|---|---|
| **47.943.20** | Ø 2.0 |
| **47.943.28** | Ø 2.3 - 2.8 |
| **47.943.33** | Ø 2.8 - 3.3 |
| **47.943.38** | Ø 3.4 - 3.8 |
| **47.943.43** | Ø 3.9 - 4.3 |

### **convex** angulated

| | |
|---|---|
| **47.945.20** | Ø 2.0 |
| **47.945.28** | Ø 2.3 - 2.8 |
| **47.945.33** | Ø 2.8 - 3.3 |
| **47.945.38** | Ø 3.4 - 3.8 |
| **47.945.43** | Ø 3.9 - 4.3 |

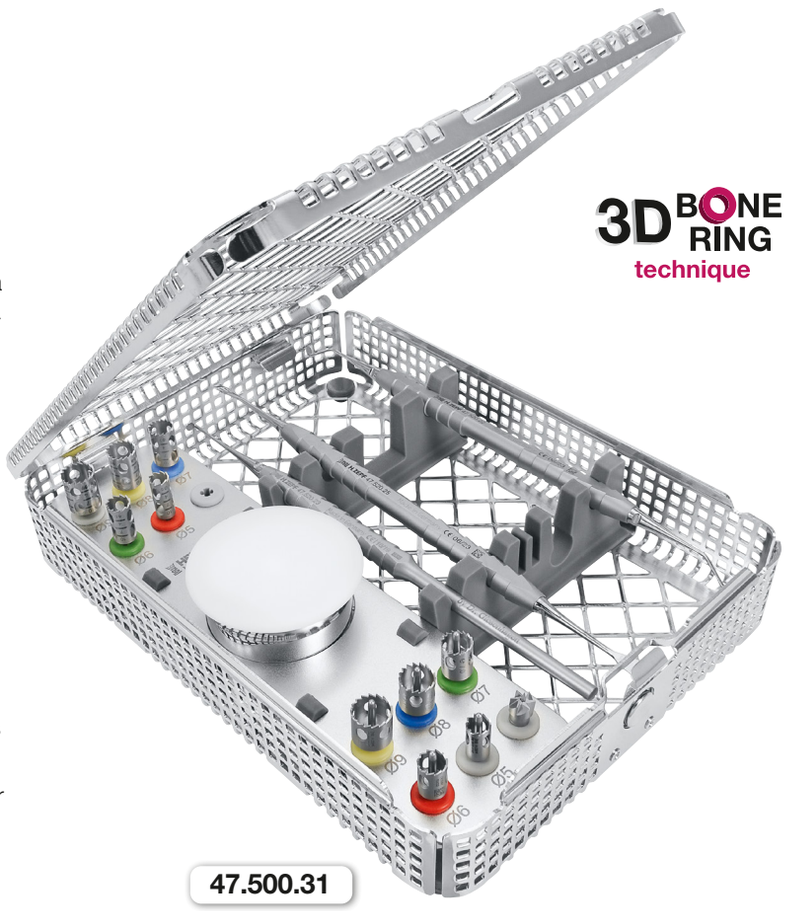
# 3D One Step Augmentation & Implantation

by Dr. Bernd Giesenhagen

In co-operation with Dr.Giesenhagen, the company **HELMUT ZEPF** has developed a new Set for the One Step Vertical Augmentation with ring-shaped bone transplants.

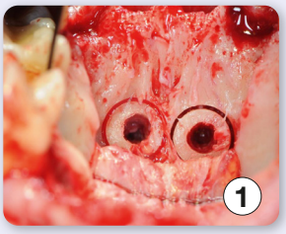
The aim of this development is an accelerated implant treatment. Thereby, the security of the implantological success as well as the convincing result for the patient and the user have priority. In many cases, this new augmentation method can be used to build up the bone base for the insertion of one or more implants.

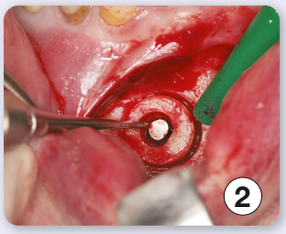
Dr. Bernd Giesenhagen, the inventor of this procedure, and **HELMUT ZEPF** have selected a special range of instrumentation for precise and time-saving steps of treatment in order to ensure an optimal function.

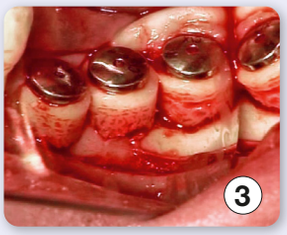



**47.500.31**

Complete Set with washbasket 85.184.18 and instruments shown on the rear page; without optional accessories




VIDEO APPLICATION

## Application

Particularly suitable for the vertical augmentation of the highly atrophied and distal mandible (pic. 2).

With this newly introduced technique, perfectly fitting ring-shaped bone transplants are removed from the chin-, retro-molar region or from the palatal area (pic. 1) by means of trephines and fixed immediately in the receiving area (pic. 3) with a screw implant.

The local cortical bone structure with spongious parts of vital cells guarantees a safe fixation with short healing time.

The filling of possibly existing cavities is usually made by spongious chips taken from the donor area or by bone substitutes.

For an additional coverage of the augmented area with a barrier membrane we recommend our **HELMUT ZEPF** Augmentation Kit 47.966.00.

## **Content:** 3D One Step Augmentation & Implantation acc. to Dr. Bernd Giesenhagen

**47.520.22** Adenoid Curette Ø 3 mm, 30° angled, double-ended

**47.520.23** Adenoid Curette Ø 3 mm

**47.520.25** Ring Breaker, small / large, double-ended

**Trephines, short**

**08.910.13S** inner Ø 5 mm
**08.910.08S** inner Ø 6 mm
**08.910.09S** inner Ø 7 mm
**08.910.10S** inner Ø 8 mm
**08.910.11S** inner Ø 9 mm

**Trephines, with fixation support**

**08.910.13F** inner Ø 5 mm
**08.910.08F** inner Ø 6 mm
**08.910.09F** inner Ø 7 mm
**08.910.10F** inner Ø 8 mm
**08.910.11F** inner Ø 9 mm

**08.910.22**

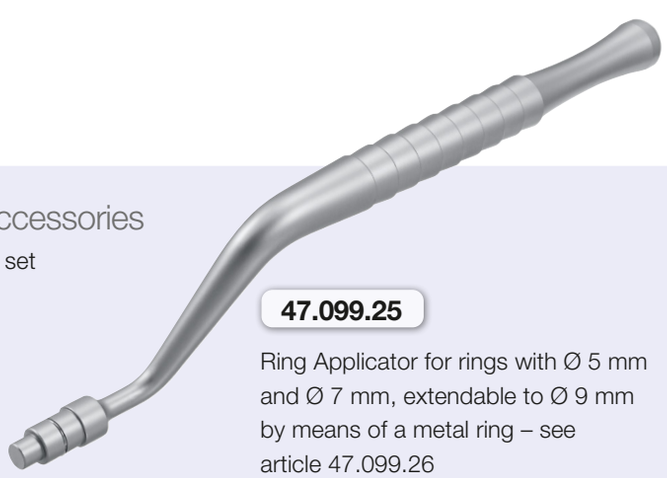
Plain Milling Cutter Ø 6 mm

**85.251.04**

Mixing Cup, stainless, with POM Lid, Ø 4 cm

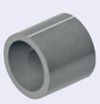
## Optional Accessories

not included in set



**47.099.25**

Ring Applicator for rings with Ø 5 mm and Ø 7 mm, extendable to Ø 9 mm by means of a metal ring – see article 47.099.26



**47.099.26**

Metal Ring for Ring Applicator 47.099.25 – for holding bigger bone rings with Ø 9 mm

## Trephines

Trephines are used for a gentle and precise removal of an implant. They are used to win bone texture and to excavate implants accurately. The trephines are manufactured of stainless steel.
The grading is visibly laser-marked onto the burs and guarantees a secure depth orientation.

The windows in the body offer a better view for the excavation of the implants and make it easier to reject fragments.
The bur stand offers a safe and perfectly clean storing and easy positioning through a snap-in system.
The marking of the rack allows a fast and uncomplicated identification of the trephines.

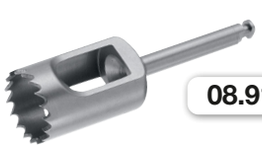
**08.910.10**

| | Ø Inside | Ø Outside | Teeth | Body Length | Grading |
|---|---|---|---|---|---|
| **08.910.01** | 1.7 mm | 2.3 mm | 7 | 22 mm | 7/10/13/16 |
| **08.910.02** | 2.3 mm | 2.8 mm | 7 | 22 mm | 7/10/13/16 |
| **08.910.03** | 2.8 mm | 3.3 mm | 9 | 22 mm | 7/10/13/16 |
| **08.910.04** | 3.3 mm | 3.8 mm | 9 | 22 mm | 7/10/13/16 |
| **08.910.05** | 4.0 mm | 4.5 mm | 11 | 22 mm | 7/10/13/16 |
| **08.910.06** | 4.3 mm | 4.8 mm | 11 | 22 mm | 7/10/13/16 |
| **08.910.07** | 4.8 mm | 5.8 mm | 9 | 22 mm | 7/10/13/16 |
| **08.910.13** | 5.0 mm | 6.0 mm | 11 | 22 mm | 7/10/13/16 |
| **08.910.08** | 6.0 mm | 7.0 mm | 12 | 22 mm | 7/10/13/16 |
| **08.910.09** | 7.0 mm | 8.0 mm | 18 | 22 mm | 7/10/13/16 |
| **08.910.10** | 8.0 mm | 9.0 mm | 18 | 22 mm | 7/10/13/16 |
| **08.910.11** | 9.0 mm | 10.0 mm | 18 | 22 mm | 7/10/13/16 |
| **08.910.12** | 10.0 mm | 11.0 mm | 19 | 22 mm | 7/10/13/16 |

## Bur Stand for Trephines

**85.070.01** 8.5 x 5.0 cm
for 6 burs, shaft Ø 2.35 mm

**85.070.05** 8.5 x 4.5 cm
for 6 short burs, shaft Ø 2.35 mm



**08.912.75**

| | Ø Inside | Shaft | Description |
|---|---|---|---|
| **08.911.30** | 3.0 mm | 2.35 x 15 mm | Trephine short |
| **08.912.50** | 5.0 mm | 2.35 x 15 mm | Trephine short |
| **08.912.75** | 7.5 mm | 2.35 x 15 mm | Trephine short |
| **08.912.10** | 10.0 mm | 2.35 x 15 mm | Trephine short |

## Mucosa Membrane Punches suitable for hand piece (Dimensions are the inner diameter)

**85.070.05** Suitable Bur Stand
for 6 Mucosa Membrane Punches

**08.920.06**

**08.920.03** Ø 3.0 mm
**08.920.04** Ø 4.0 mm
**08.920.05** Ø 5.0 mm
**08.920.06** Ø 6.0 mm
**08.920.13** Ø 3.5 mm
**08.920.16** Ø 6.5 mm

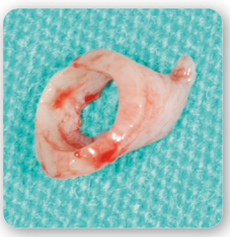
VIDEO APPLICATION

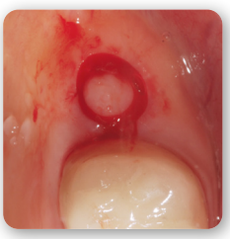
## Nizam Ring Punch

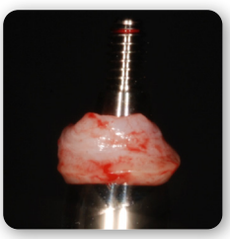
'Tissue is the issue'

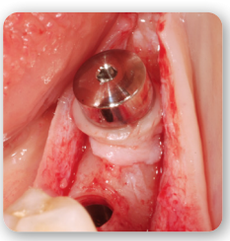
**08.921.00**

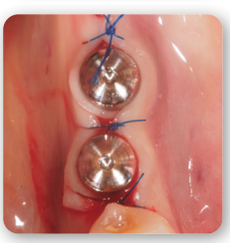
Nizam Ring Punch Surgical body lenght 5 mm, inner-Ø 4 mm, outer-Ø 7 mm











Soft tissue augmentation with ring-shaped keratinized tissue grafts (kTG), harvested with the NIZAM Ring Punch.

Keratinized tissue grafts (kTGs) are widely used in modern implantology for peri-implant soft tissue management and in various periodontal plastic surgical interventions such as root coverage, papilla reconstructions and alveolar ridge preservation. kTGs are accepted as the gold standard for root coverage procedures and peri-implant soft tissue augmentation techniques, since they have high success rates and satisfactory esthetic outcomes.

However, kTG harvesting methods are technique sensitive procedures that need a certain level of surgical skill and experience, and may cause complications such as postoperative hemorrhage, pain, swelling, flap necrosis and sensitivity in the donor area.

The ring method is a simplified novel kTG harvesting technique which can be used in the maxillary tuberosity area in particular. A special kTG harvesting punch is fabricated to obtain a ring-shaped kTG that has a uniform thickness. The ring graft can then be used for peri-implant and periodontal soft tissue augmentation purposes with successful clinical outcomes.

The punch is composed of two sharp punches and a shank, which fits to a contra-angle.

The punch is placed perpendicular to the soft tissue surface and at least 1 mm away from the neighboring teeth.
The contra-angle is used at 50 rpm without irrigation, and the punch penetrates the soft tissue until it reaches the bone surface and is then removed gently. The kTG punch creates two circular incision lines parallel to one another. A fine elevator is used to remove the ring graft by blunt dissection, leaving a soft tissue island in the donor area. The graft is soaked in saline to prevent dehydration unit stabilized to the recipient area. The donor area is not sutured but left for blood clot formation between the soft tissue surfaces.

The ring technique is a technically intensive method that can be used to harvest kTG, mainly from the maxillary tuberosity. The ring graft can be effectively used for peri-implant soft tissue augmentation purposes.

## Cleaning Instrument

**47.530.00**

Cleaning Instrument to collect autologous bones

ZEPF bonemill

**47.954.01**

**ZEPF** Bone Mill,
to crush autologous bones,
with helically toothed milling part

**47.954.55**

Extension Bar for the rotary handle 47.954.50, to increase the lever effect

**47.954.35**

**Helical toothed Milling Part**
for Bone Mill 47.954.01 and to be mounted in 47.954.00 / 47.954.01
(This new milling part can be ordered and subsequently be mounted in an older type of Bone Mill by the user himself).

## **ZEPF** Bone Mill

Bone Mill, to crush autologous bones. In order to correct bone defects, bone harvesting is necessary elsewhere. Bigger bone pieces or bone-blocks can be removed by using trephines.
The **ZEPF** Bone Mill allows to crush bone in order to produce the greatest possible volume of bone graft. The grainy consistence of the produced bone graft guarantees an optimal adaption on the bone.

The extension bar which can be adapted on the rotary handle facilitates an optimized power transmission and torque. The new Bone Mill with helical toothed milling part makes milling easier.

**Advantages of the HELMUT ZEPF Bone Mill:**

- easy handling
- quick assemby / disassembly without additional tools
- no loss of bone material (even in the case of small quantities)
- easy cleaning

## **ZEPF** Bone Crusher

With this Bone Crusher we introduce a proven alternative to the more complex bone mill. Insert the bone piece into the crusher and use the Pusher in order to crush the bone. If necessary, you may additionally use the hammer 41.501.01.

**47.955.00**

Bone Crusher, Body, Sleeve, Pusher, Baseplate Ø 20 mm, stainless steel

**Supplementary instrument**

**41.501.01**

Hammer with exchangeable plastic inserts, Ø 25 mm, light metal handle, by Dr. Vollmer, 18 cm

## Bone Mill Forceps

**For gaining autogenic bone material.**
In order to correct bone defects, an intraoral harvesting of bone is often necessary. Pieces of bone may be gained with trephines or chisels. It is the aim of the Bone Mill Forceps to cut bone material into small pieces so that a maximum volume of bone chips can be achieved. The “grainy” consistency of bone chips created will ensure that it is adapted most favourably to osseous embedding.

**47.958.03**

Handle Bar with Screw

**47.958.01**

Upper Titanium Milling Part, rigid

**47.958.04**

Lower Titanium Milling Part, rotating

**47.958.00**

**ZEPF** Bone Mill Forceps, Titanium Milling Part, demountable

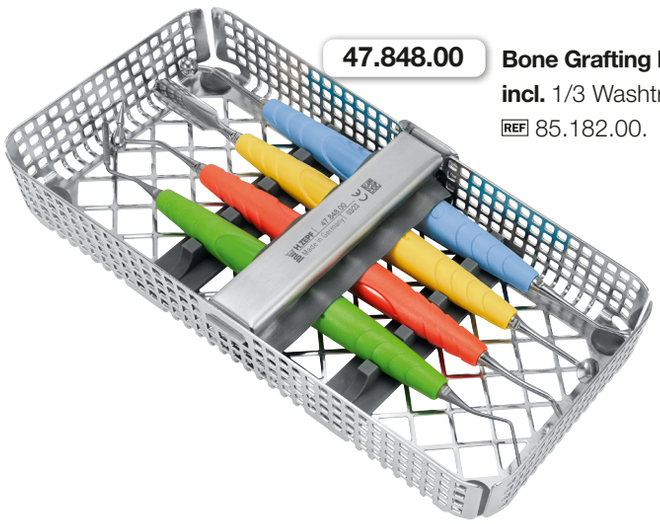
**Advantages of the Bone Mill Forceps:**

- Titanium Bone Mill Inserts
- Mill Inserts are detachable and exchangeable
- no loss of bone material
- conform to the RKI guide-lines because of easy cleaning
- specially designed new forceps, which allow parallel closing of the working parts, which allows a maximum milling result
- stop screw avoids direct contact of the milling parts, due to this protection the milling parts will last longer

## Bone Grafting Kit

in BIONIK Handle

Ideally matched instruments in **ZEPF BIONIK** Handle for bone augmentation.
With exchangeable inserts, thread M4 x 0.5, consisting of:



**47.848.00** **Bone Grafting Kit**
**incl.** 1/3 Washtray
REF 85.182.00.

**47.848.01**

**Graft Carrier Plugger**
Plugger/Spoon combination for contouring and inserting grafts. BIONIK Handle, lightred-magenta.

**47.848.02**

**Graft Material Carrier**
Augmentation Applicator/Spoon Combination for safe insertion of grafts of different sizes at the recipient site. BIONIK Handle, yellow.

**47.848.03**

**Graft and Sinus Packer**
Plan/Ball Plugger Instrument for condensing augmentation material. BIONIK Handle, turquoise-brightblue.

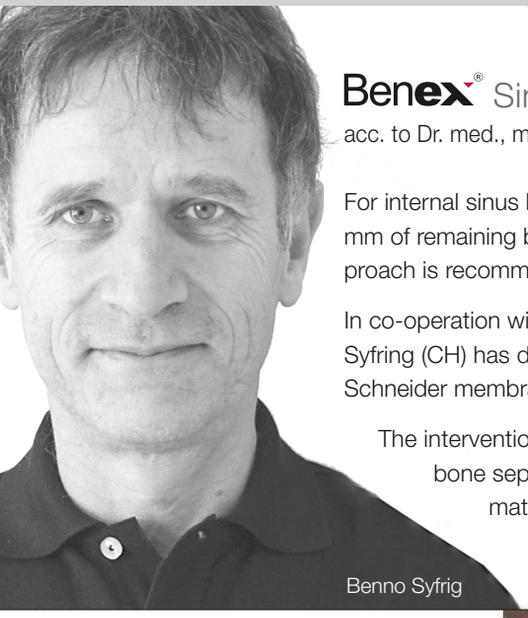
**Ø 1.0 mm**

**Graduation:**
**3.0 mm**
**6.0 mm**
**9.0 mm**
**12.0 mm**
**15.0 mm**

**Ø 2.0 mm**

**24.532.19**

**Condenser, titanium with graduation 3/6/9/12/15 mm for depth measurement and** for condensing augmentation material around an implant. BIONIK Handle, yellow-green.



Benno Syfrig

# Benex® SinusLift Elevators

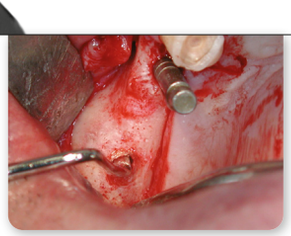
acc. to Dr. med., med. dent. Benno Syfrig

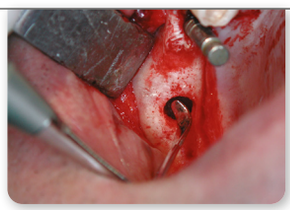
For internal sinus lift with osteotome technique (Summers technique), generally a height of at least 6 mm of remaining bone is required. If this height is lower, a sinus floor elevation by lateral window approach is recommended (external sinus lift).

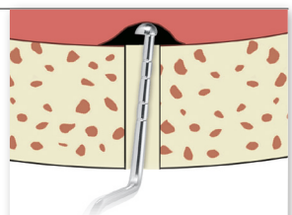
In co-operation with the company **HELMUT ZEPF** Medizintechnik GmbH, Dr. med., med. dent. Benno Syfring (CH) has developed an instrumentation allowing an easy, safe and practical elevation of the Schneider membrane through the implant tunnel to any height, independent of the offer of vertical bone.

The intervention is extremely gentle to the tissue. The buccal maxillary sinus wall and eventual sinus bone septums remain intact. This is to guarantee a good ossification of the augmentation material and an accelerated osseointegration of the implant.

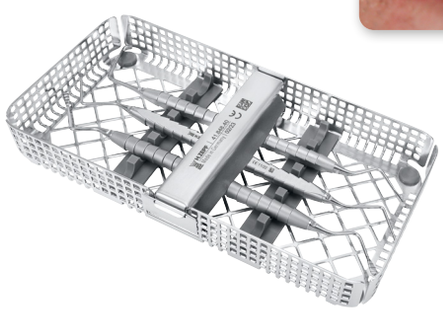
**Intra-operative:**
Release and elevation of the Schneider membrane with the sinus elevators # 1, # 2 and # 3







With elevator REF 41.848.43, the sinus floor mucosa is stretched, with rotating and pushing movements, and thus lifted from the sinus floor bone and to ensure that the membrane has been detached.



**41.848.40**

SinusLift Instrument Set for internal sinus lift according to Dr. Cacaci and Dr. Syfrig in a washtray REF 85.182.00. All instruments are double-ended with interchangeable inserts and **ZEPF**-Line handle, with graduation, M4x0.5

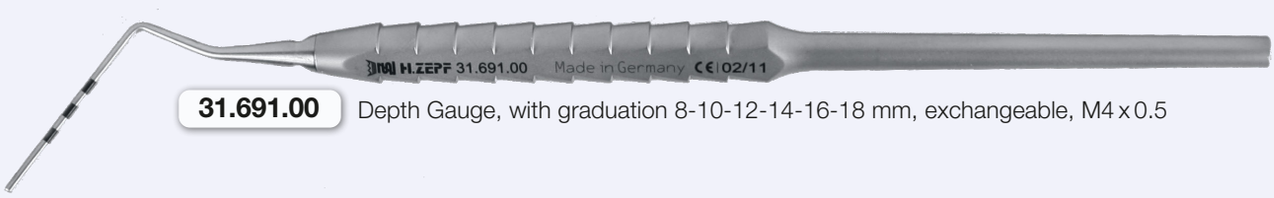
**41.848.41** **Benex®** SinusLift Elevator, # 1, **ZEPF**-Line with graduation

**41.848.42** **Benex®** SinusLift Elevator, # 2, **ZEPF**-Line with graduation

**41.848.43** **Cacaci** SinusLift Elevator, # 3, **ZEPF**-Line handle with graduation

## Supplementary Instruments

**41.868.07** **Kirsch** Sinus 7 Plugger, double-ended, 17.5 cm, Spoon 8 x 10 mm, Titanium **ZEPF**-Line



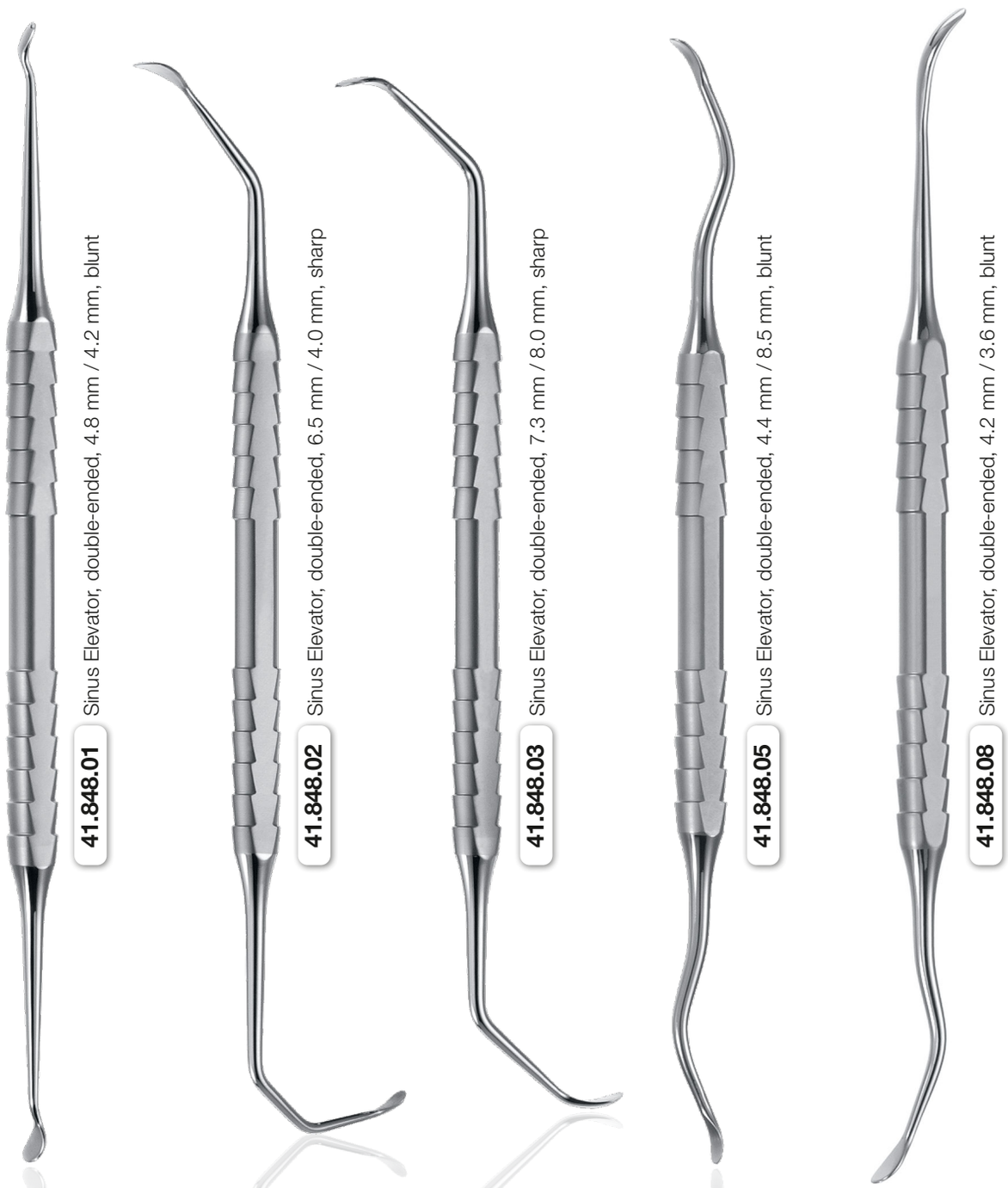

**31.691.00** Depth Gauge, with graduation 8-10-12-14-16-18 mm, exchangeable, M4 x 0.5

## Universal Sinus Instruments

For implantological treatment in the maxilla, in case of missing vertical bone in the direction of sinus maxillaris.

**Advantages:**

- angled instruments ergonomically and anatomically optimised
- atraumatic preparation and lifting of the sinus mucosa
- effective working due to a wide range of different angles



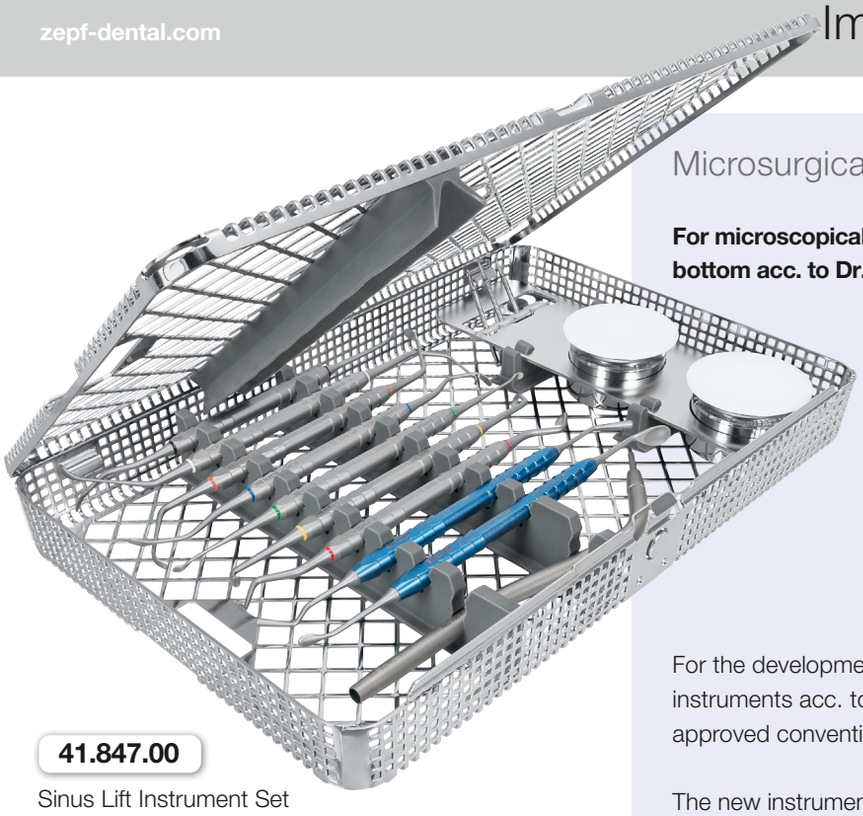
**41.848.01** Sinus Elevator, double-ended, 4.8 mm / 4.2 mm, blunt

**41.848.02** Sinus Elevator, double-ended, 6.5 mm / 4.0 mm, sharp

**41.848.03** Sinus Elevator, double-ended, 7.3 mm / 8.0 mm, sharp

**41.848.05** Sinus Elevator, double-ended, 4.4 mm / 8.5 mm, blunt

**41.848.08** Sinus Elevator, double-ended, 4.2 mm / 3.6 mm, blunt



## Microsurgical Sinus Lift Instruments

**For microscopically guided elevation of the sinus bottom acc. to Dr. Behnam Shakibaie-M.**

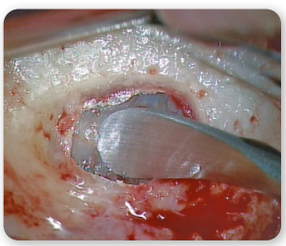
**41.847.00**

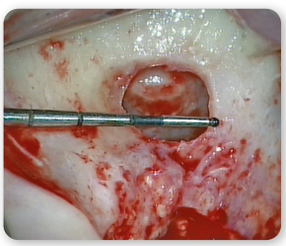
Sinus Lift Instrument Set
for microscopically guided elevation of the sinus bottom acc. to Dr. Shakibaie-M.
incl. 1 x washbasket 85.195.00 and
instruments illustrated on page 07-28/29

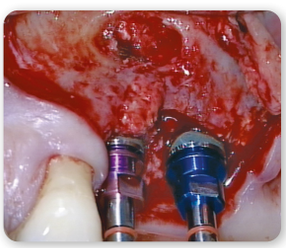
For the development of the new microsurgical sinus lift instruments acc. to Dr. Shakibaie-M., we resorted to the approved conventional shapes of sinus lift instruments.

The new instruments are approx. 60 % smaller, they were sharpened and the surface was abraded. Under appropriate optical magnification and illumination of the operation field (operation microscope or magnifying glass), those features offer the following essential advantages:

- The reduction of the instrument size allows the preparation of a minimalized antral window without restricting the qualities of elevation or augmentation.
- The sharpening of the instruments allows a precise initial fracture of the bone layer which is as thin as parchment. The initial fracture is possible as soon as the window is prepared by rotating the instrument, without injuring the Schneider's membrane.
- The delicate coarseness of the surface of the instruments prevents the unpleasant reflection of light from the operating microscope or the magnifying glass.





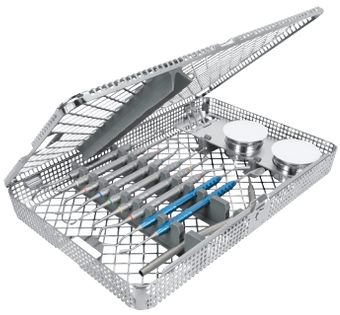


In addition, the working tips of the instruments were bent in accordance with the reduced sinus lift window.

Finally, the instruments were also numbered and color-coded to allow an easy, chronological use.

Thus, the surgeon is able to increase the safety during elevation of the sinus bottom and to apply this technique in a minimally invasive way for the patient.

Pictures by Dr. Behnam Shakibaie-M.



## Microsurgical Sinus Lift Instruments acc. to Dr. Shakibaie-M.

**41.847.00**

Sinus Lift Instrument Set for microscopically guided elevation of the sinus bottom double-ended, acc. to **Dr. Shakibaie-M.** contains following components:

**41.847.08** Sinus Lift Instrument # 1, sharp, 2.9 / 2.4 mm, green

**41.847.01** Sinus Lift Instrument # 2, sharp, 2.9 / 2.9 mm, black

**41.847.05** Sinus Lift Instrument # 3, sharp, 2.8 / 2.9 mm, 45° curved, blue

**41.847.02** Sinus Lift Instrument # 4, sharp, 2.8 / 3.8 mm, white

**41.847.03** Sinus Lift Instrument # 5, sharp, 3.6 / 4.2 mm, orange

**41.847.10** Sinus Lift Instrument # 6, sharp, 2.3 / 2.3 mm, red

**41.847.09** Sinus Lift Instrument # 7, sharp, 2.1 / 2.1 mm, yellow

**08.906.014C**

Diamond, 014C, round, Ø 1.4 mm

**08.906.016C**

Diamond, 016C, round, Ø 1.6 mm

**08.906.018C**

Diamond, 018C, round, Ø 1.8 mm

**85.251.03**

Mixing Cup, stainless steel,
with plastic lid, Ø 40 mm,
2 pieces included in the set

**41.868.08M** Micro Sinus Plugger, Plugger

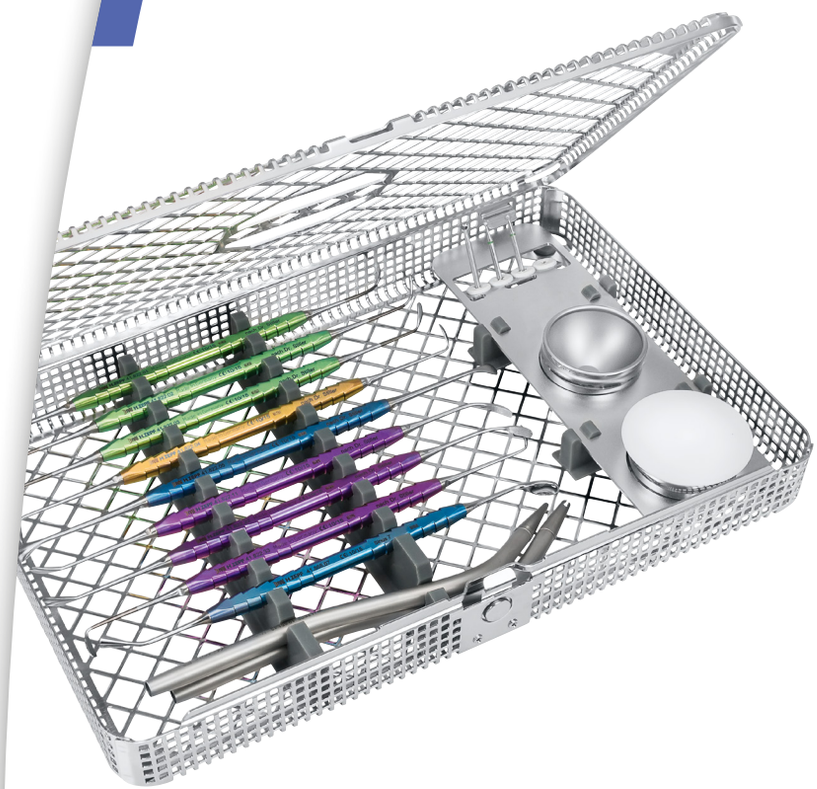
Ø 3.5 / Ø 2.6 mm, titanium handle, blue,
double-ended, 17.5 cm,
acc. to **Dr. Shakibaie-M.**

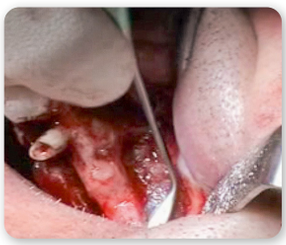
**41.868.09** Micro Sinus Spoon, Spoon

Ø 8x10 / Ø 4x6 mm, titanium handle, blue,
double-ended, 17.5 cm,
acc. to **Dr. Shakibaie-M.**

**19.651.15M** Micro Sinus Aspirator

Sinus-Line, titanium tip modified
acc. to **Dr. Shakibaie-M.**





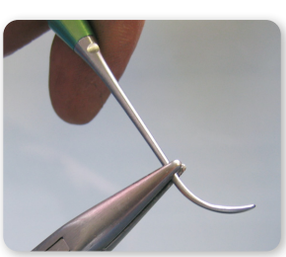
**24.995.01**

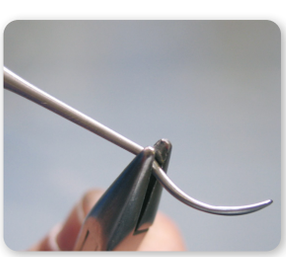
Complete Set incl. 1 x washbasket with lid 85.195.00 and partition for Sinus Instrument Set acc. to **Prof. Dr. Dr. Stiller**

## Sinus Instrument Set acc. to Prof. Dr. Dr. Stiller

Immediate sinus floor elevation
with or without bone cover

The Sinus Instrument Set has been developed together with Prof. Dr. Dr. Stiller and is particulary suited for difficult maxillary sinus structure (septa, maxillary pillars, scarred mutations in change with intact maxillary sinus mucosa).



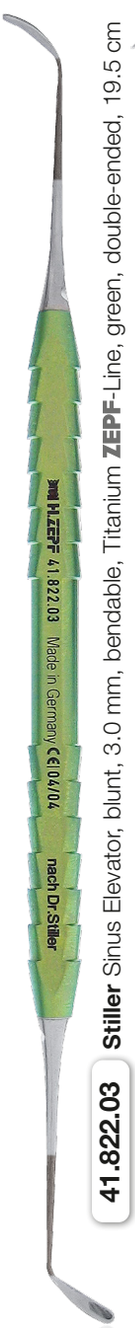


**Advantages of the system:**

- Instruments which are adapted and adjusted perfectly to the anatomical conditions in the maxillary sinus.
- Flexible working ends. Instruments are pre-bended for the normal enantral anatomy.
- Two different kinds of instruments with blunt and sharp edges for dissecting mucosa on plane and rough internal surface of the maxillary sinus.

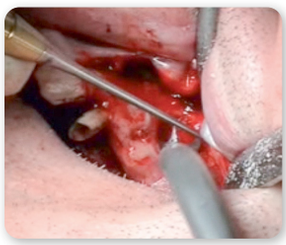
**41.822.01** **Stiller** Sinus Elevator, blunt, 4.0 mm, bendable, Titanium **ZEPF**-Line, green, double-ended, 19.5 cm

**41.822.02** **Stiller** Sinus Elevator, blunt, 2.5 mm, bendable, Titanium **ZEPF**-Line, green, double-ended, 19.5 cm




**41.822.03** **Stiller** Sinus Elevator, blunt, 3.0 mm, bendable, Titanium **ZEPF**-Line, green, double-ended, 19.5 cm

**41.822.04** **Stiller** Sinus Elevator, universal, 3.0 mm, Titanium **ZEPF**-Line, yellow, double-ended, 19.5 cm



**Surgical Aspirator**
Sinus-Line, slotted,
titanium tip, acc. to Dr. Maty

**19.651.13** Ø 1.5 mm
**19.651.14** Ø 3.0 mm

**85.251.04**
Mixing Cup, stainless steel,
with plastic lid, Ø 40 mm

**85.251.14**
Mixing Cup without plastic lid,
stainless steel, Ø 40 mm

**08.906.029C**
Diamond, 029C, round, Ø 2.9 mm

**08.906.023C**
Diamond, 023C, round, Ø 2.3 mm

**08.902.031HF**
HB Drill, 031HF, round

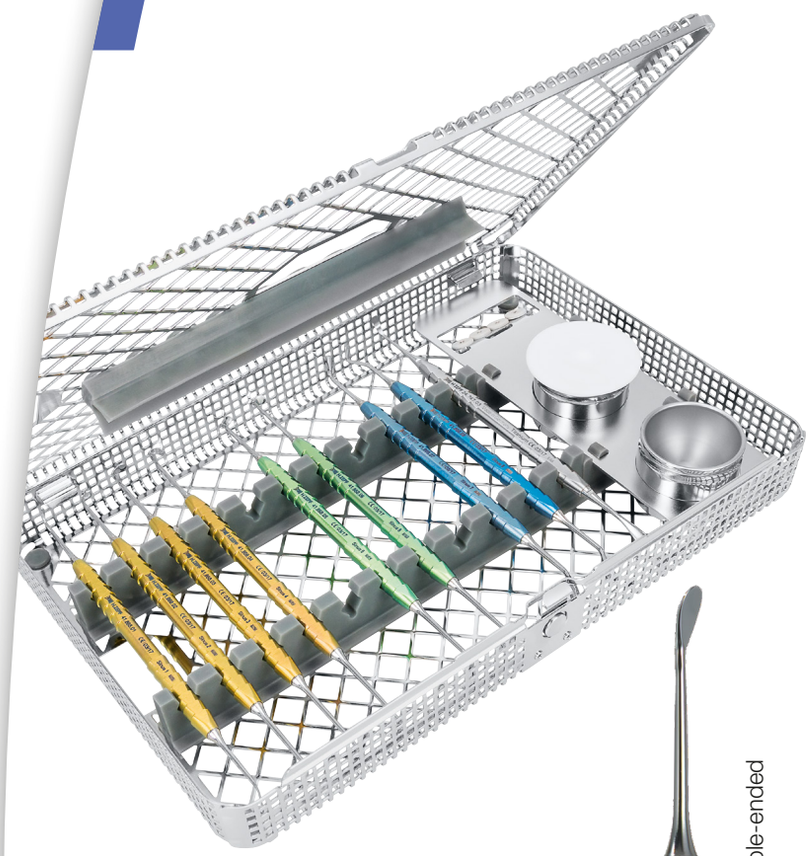
**41.822.05** **Stiller** Sinus Elevator, universal, 6.0 mm, Titanium **ZEPF**-Line, blue, double-ended, 19.5 cm

**41.822.11** **Stiller** Sinus Elevator, sharp, 4.0 mm, bendable, Titanium **ZEPF**-Line, red, double-ended, 19.5 cm

**41.822.22** **Stiller** Sinus Elevator, sharp, 2.5 mm, bendable, Titanium **ZEPF**-Line, red, double-ended, 19.5 cm

**41.822.33** **Stiller** Sinus Elevator, sharp, 3.0 mm, bendable, Titanium **ZEPF**-Line, red, double-ended, 19.5 cm

**41.868.07** **Kirsch**, Sinus 7, Plugger Ø 5.0 mm, Spoon 8 x 10 mm,
Titanium **ZEPF**-Line Handle, double-ended, 17.5 cm



## Sinus Instrument Set acc. to Dr. Kirsch

**24.995.00**

Complete Set incl. 1 x washbasket
with lid 85.195.00 and arrangement for
Sinus Instrument Set acc. to **Dr. Kirsch**

Washtrays and washbaskets,
Tray-in-Tray-System,
see pages 10-03 to 10-07!

**41.868.01** **Kirsch**, Sinus 1, Elevator 25°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.02** **Kirsch**, Sinus 2, Elevator 60°/60°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.03** **Kirsch**, Sinus 3, Elevator 90°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.04** **Kirsch**, Sinus 4, Elevator 120°/120°, Titanium **ZEPF**-Line Handle, double-ended

**85.251.04**

Mixing Cup, stainless steel, with plastic lid, Ø 40 mm

**85.251.14**

Mixing Cup without plastic lid, stainless steel, Ø 40 mm

usable on both sides

**41.868.05** **Kirsch**, Sinus 5, Elevator 90°/90°/60°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.06** **Kirsch**, Sinus 6, Elevator 90°/90°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.07** **Kirsch**, Sinus 7, Plugger Ø 5.0 mm, Spoon 8 x 10 mm, Titanium **ZEPF**-Line Handle, double-ended

**41.868.08** **Kirsch**, Sinus 8, convex Plugger Ø 4.5 mm, plane Plugger Ø 2.7 mm, Titanium **ZEPF**-Line Handle, double-ended

**24.747.03** Universal Raspatory, exchangeable inserts

# Kirsch Sinus Lift Instrument Set SMALL

for sinus floor elevation, modif. acc. to Dr. Kai Zwanzig

Responding to numerous customer requests, the proven Kirsch shapes were minimized during the further development of the new sinus lift instruments SMALL.

- The smaller instruments allow the preparation of a minimalized window.
- Regarding the angles of working tips, the previous Kirsch Instrument Set left nothing to be desired.
- The minimized analogous instruments now enable the practitioner to perform the preparation in a smaller area without injuring the Schneider's membrane.
- The **ZEPF**-Line-handle allows a safe, tactile guidance of the instruments.

Optionally, two instruments 41.868.05SL and 41.868.06SL with a longer 1st shaft are offered.

**41.868.01S** **Kirsch**, Sinus 1 SMALL, Elevator 25°, Titanium **ZEPF**-Line Handle, double-ended

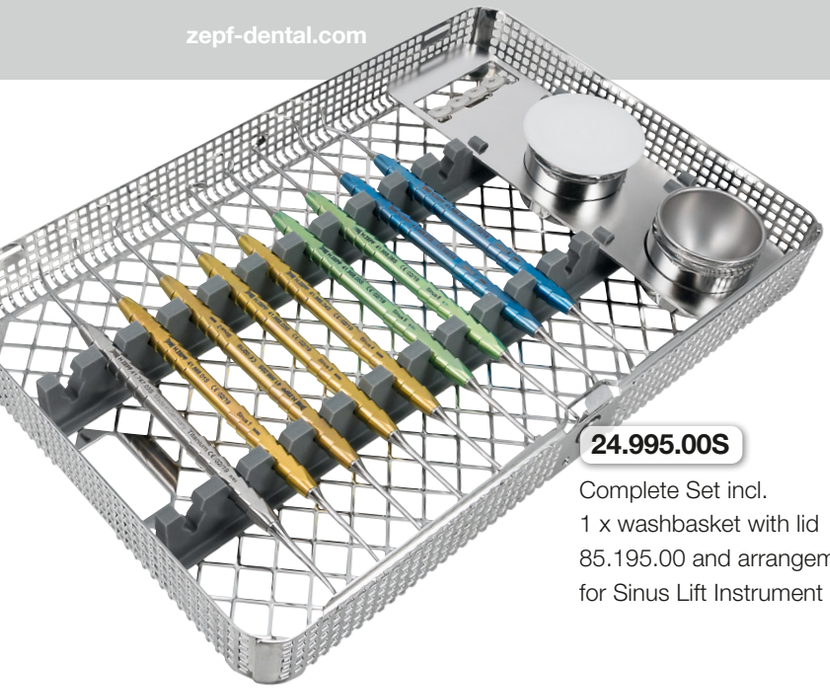
**41.868.02S** **Kirsch**, Sinus 2 SMALL, Elevator 60°/60°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.03S** **Kirsch**, Sinus 3 SMALL, Elevator 90°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.04S** **Kirsch**, Sinus 4 SMALL, Elevator 120°/120°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.05S** **Kirsch**, Sinus 5 SMALL, Elevator 90°/90°/60°, Titanium **ZEPF**-Line Handle, double-ended

**41.868.06S** **Kirsch**, Sinus 6 SMALL, Elevator 90°/90°, Titanium **ZEPF**-Line Handle, double-ended



**24.995.00S**
Complete Set incl.
1 x washbasket with lid
85.195.00 and arrangement
for Sinus Lift Instrument Set

**85.251.04**
Mixing Cup, stainless steel,
with plastic lid, Ø 40 mm

**85.251.14**
Mixing Cup without plastic lid,
stainless steel, Ø 40 mm

**41.868.07S** **Kirsch**, Sinus 7 SMALL, Plugger Ø 5.0 mm, Spoon 8 x 10 mm,
Titanium **ZEPF**-Line Handle, double-ended

**41.868.08S** **Kirsch**, Sinus 8 SMALL, convex Plugger Ø 4.5 mm, plane Plugger Ø 2.7 mm,
Titanium **ZEPF**-Line Handle, double-ended

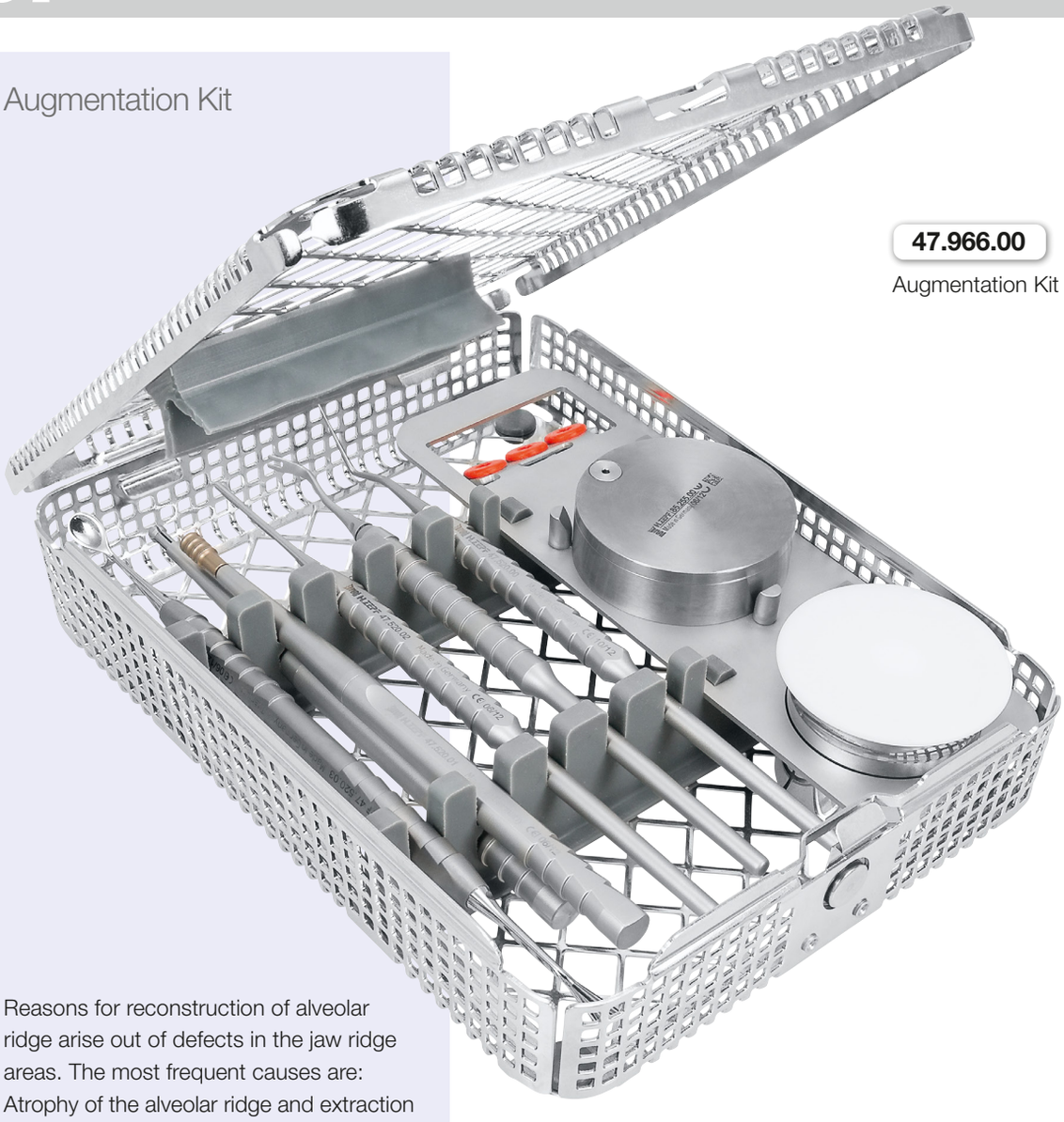
**41.747.03S** Universal Raspatory, Sinus 0 SMALL, exchangeable inserts

Option:

**41.868.05SL** **Kirsch**, Sinus 5 SMALL, long shank, Elevator 90°/90°/60°,
Titanium **ZEPF**-Line Handle, double-ended

**41.868.06SL** **Kirsch**, Sinus 6 SMALL, long shank, Elevator 90°/90°,
Titanium **ZEPF**-Line Handle, double-ended

## Augmentation Kit



**47.966.00**
Augmentation Kit

Reasons for reconstruction of alveolar ridge arise out of defects in the jaw ridge areas. The most frequent causes are: Atrophy of the alveolar ridge and extraction defects.

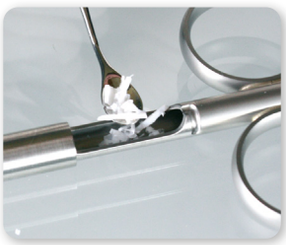
Out of esthetic reasons alone, in visible areas, these defects need to be reconstructed.

The augmentation is carried out with autologous bone and titanium foil. The bone implants are covered with a titanium foil after application. To avoid dislocation of the augmentation material below the membrane, the membrane is fixed with at least 2 pins.

The titanium pins with 3 mm or 5 mm length are taken out of the storage box by means of the applicators and pressed into the bone through the foil or membrane.

**85.255.02**
Storage Box for 10 titanium pins, optional

| Illustration | Article Description | Order Quantity |
|---|---|---|
| | **47.966.00**<br>Augmentation Kit, consisting of:<br>Pin Membrane Probe, Pin Applicator,<br>Perforation Raspatory, Sinus 7 Instrument,<br>Titanium Pin 3 mm (10 pieces) / 5 mm (5 pieces),<br>Sinus Elevator # 2, Mixing Cup, Storage Box,<br>1/2 Washbasket with Lid 85.194.15 | 1 set |
| | **47.520.00**<br>Pin Membrane Probe with **ZEPF**-Design handle | 1 piece |
| | **47.520.01**<br>Pin Applicator | 1 piece |
| | **47.520.02**<br>Perforation Raspatory | 1 piece |
| | **47.520.03**<br>Sinus 7 Instrument acc. to Kirsch,<br>Spoon Ø 6.0 mm / flexible Plugger Ø 5.0 mm | 1 piece |
| | **47.560.03**<br>Titanium Pin, 3 mm (10 pieces included in the set) | 5 pieces |
| | **47.560.05**<br>Titanium Pin, 5 mm (5 pieces included in the set) | 5 pieces |
| | **47.847.12**<br>Pin Remover to remove membrane pins | 1 piece |
| | **85.251.04**<br>Mixing Cup, stainless steel, with plastic lid, Ø 4 cm | 1 piece |
| | **85.256.00**<br>Storage Box, for 5 soft tissue pins<br>and 10 titanium pins | 1 piece |
| | **85.255.02** **OPTION**<br>Storage Box for 10 titanium pins, optional,<br>if a compact solution is requested | 1 piece |



## **ZEPF** Augmentation Material Applicator

The Augmentation Material Applicator supports the fractional filling of the subantral area with particulate augmentation material. To compact the augmentation material you use a sinus plugger.

The instrument with diameter of 5 mm is loaded laterally.

The augmentation material can be applicated precisely with the injecting mechanism.
The instrument can be taken apart for optimal cleaning.

**19.714.16**

**ZEPF** Augmentation Material Applicator Ø 5 mm, straight, with a lateral opening to insert the augmentation material

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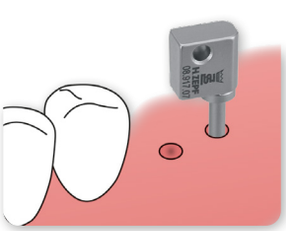


## **ZEPF** Flag Holder

Flag Holder for easy and rapid control of parallelism of implant drillings.

**08.917.00**

Flag Holder Kit consisting of 08.917.05 - .20 in bur stand

**08.917.05** 5 mm

for front teeth and premolars

**08.917.07** 7 mm

for molars

**08.917.13** 13 mm

for checking a bridge; 2 piles as implant and bridge link, premolar

**08.917.20** 20 mm

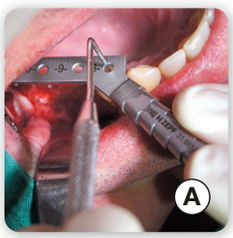
for checking a rack supply in the lower front with a minimal distance of 20 mm for both implants

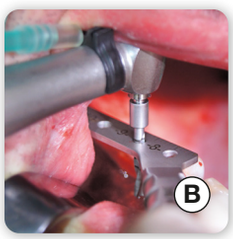
# Drilling Template

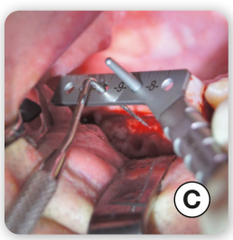
for the posterior tooth region, acc. to Wiedemann

A method was required to quickly and effectively find the right position for the implants during implantations in the posterior tooth region.
Here, a standard tooth width is assumed. Premolars 8 mm, molars 10 mm, so 1/2 premolar = 4 mm, 1/2 molar = 5 mm

The standard tooth widths used are neither scientifically nor individually 100% correct, but these values deliver highly usable implant positions particularly on edentulous jaws.



## Application Drilling Template:

**A** First, the template is positioned. This can be done e.g. by using a PA probe through the first hole to feel for the center of the number 4 tooth, as shown here in the example.
If the row of teeth ends with tooth 3, the mesial-facing end of the working part is placed distally against the widest point of tooth 3 (tooth equator). The distance between the first hole and the edge of the working part is 4 mm. As a result, the implant position and therefore the tooth center of tooth 4 is exactly 4 mm distal to the tooth equator of tooth 3. The positions of teeth 5, 6 and 7 are located accordingly.

**B** Once the template is positioned with the first hole above the center of tooth 4, the position of tooth 5 can be marked with the second drilling at an exact distance of 8 mm.

**C** Once a pilot hole has been drilled to working length at the position of tooth 5, a paralleling pin can be inserted.
The template can be mounted on this, resulting in good stability that allows the position of tooth 6 to be found very easily and marked accordingly. Proceed in the same way for tooth 7 as well.

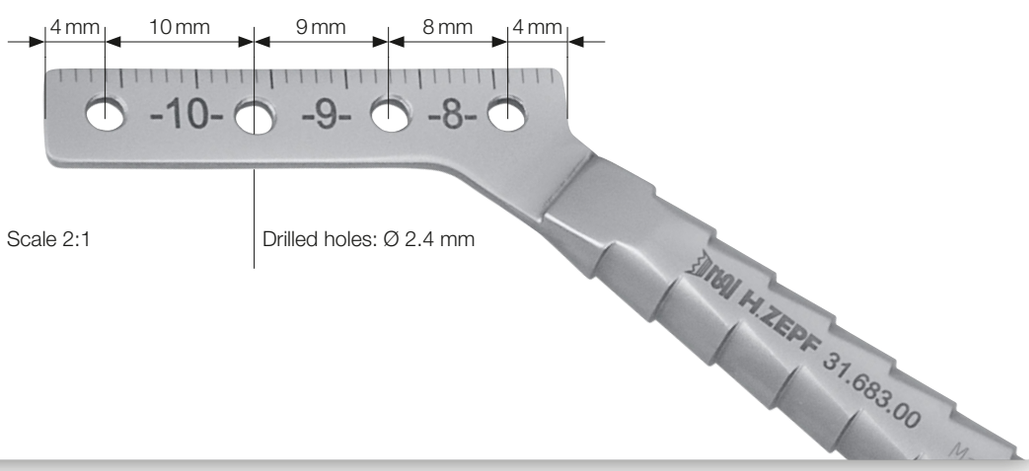
**D** Once the implantation is completely finished, the positions of the implants can be checked again with a PA probe.
If you hold the template with the first hole above the center of tooth 4, the 4th hole should be exactly in line with the position of tooth 7.

## Distance between drilled holes:

- **8 mm:** From the center of one premolar to the center of the next premolar (1 x 4 mm + 1 x 4 mm), e.g. center of number 4 to center of number 5.
- **9 mm:** From the center of one premolar to the center of a molar (1 x 4 mm + 1 x 5 mm), e.g. center of number 5 to center of number 6.
- **10 mm:** From the center of one molar to the center of the next molar (1 x 5 mm + 1 x 5 mm), e.g. center of number 6 to center of number 7.

If no premolar is available as a starting point then a canine can also be used. For this, a distance between the mesial end of the working part and the first hole of exactly 4 mm was chosen (1/2 premolar width).

**31.683.00**




Scale 2:1

Drilled holes: Ø 2.4 mm

# Krekeler Sliding Caliper

**31.693.10**

Sliding Caliper acc. to Prof. Dr. med. dent. Gisbert **Krekeler** for measuring of implants with locating screw

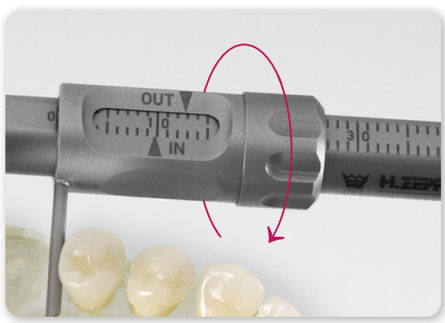
Acc. to Prof. Dr. med. dent. Gisbert **Krekeler**
Modif. Dr. med. dent. Sven Marcus Beschnidt

The Sliding Caliper combines a variety of functions in one instrument, thus facilitating the positioning of implants and enlarging the precision.

The measuring rods have a thickness of exactly 1.5 mm and allow immediate control of the maximum diameter of the implant which has to be inserted. (In order to assure maximum stability, please chose the largest diameter). Scientific examinations proved that the wall of the bone should have a thickness of at least 1.5 mm in order to avoid bone resorption after implantation. If the sliding caliper with its two measuring rods is inserted in the interproximal gap and opened in such a way that the measuring rods touch the respective root of the neighbor teeth, the maximum possible diameter of the future implant is shown on the marking IN. The upper marking OUT shows the determined outside dimension.

The new locating screw, at the end of the caliper, allows a fixation of the measured result. This practice-oriented development represents a significant relief with regard to a **more precise, quick and and secure work**.

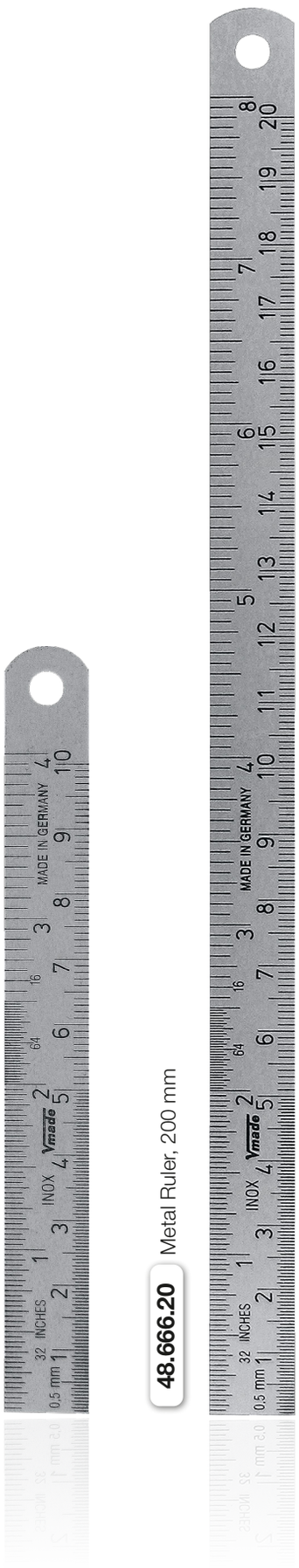
**OUT** shows the determined outside dimension (Ø 1.5 mm), **IN** shows the inner diameter.




Locating screw for a safe fixation of the measured result.

The hole serves as drilling gauge and drilling guide. The marking allows the determination of the ridge.

## Metal Ruler




**48.286.08** Metal Ruler, 100 mm

**48.666.20** Metal Ruler, 200 mm

## Bone Caliper

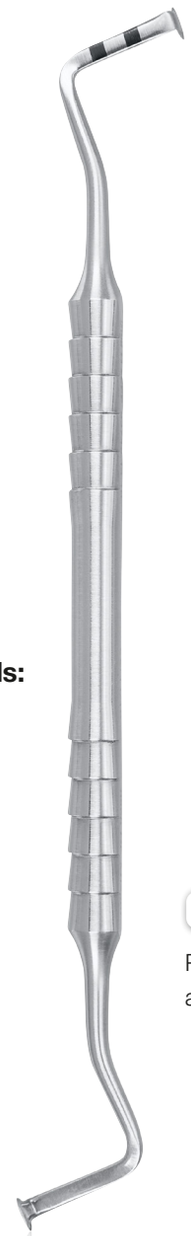
**31.691.13**

Bone Caliper for measuring the maxillary bone, radial scaling on the shanks of the ring handles, 13 cm

# Palatal Knife

acc. to Dr. med. dent. Iman Mizani, MS

The novel Palatal Knife offers an innovative alternative to the conventional scalpel for the preparation of connective tissue graft.
The special design of the instrument promotes faster and safer graft removal. At the same time, the risk of injury to the palatine artery and perforation of the palatal flap is minimized.



## Special features:

- angled cutting edge, perpendicular to the palatal bone
- ergonomic, angled instrument neck / shaft
- depth gauge (graduation) for precise dimensioning

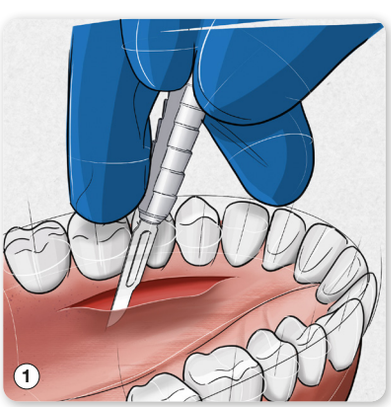
## Advantages over conventional removal methods:

- enhanced safety through reduced risk of injury to the palatine artery and perforation of the palatal mucosa
- simple and ergonomic handling
- fast, precise preparation of the graft
- consistently uniform thickness of the connective tissue graft
- abrading work and cutting in difficult-to-reach places

**46.040.15**

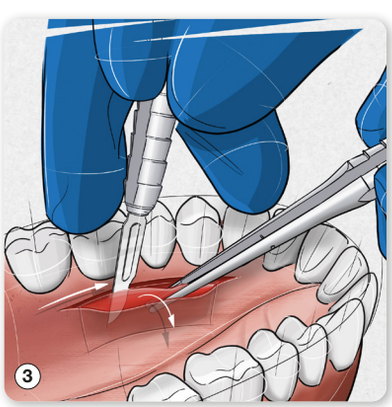
Palatal Knife
acc. to Dr. med. dent. Iman Mizani, MS

## Application:

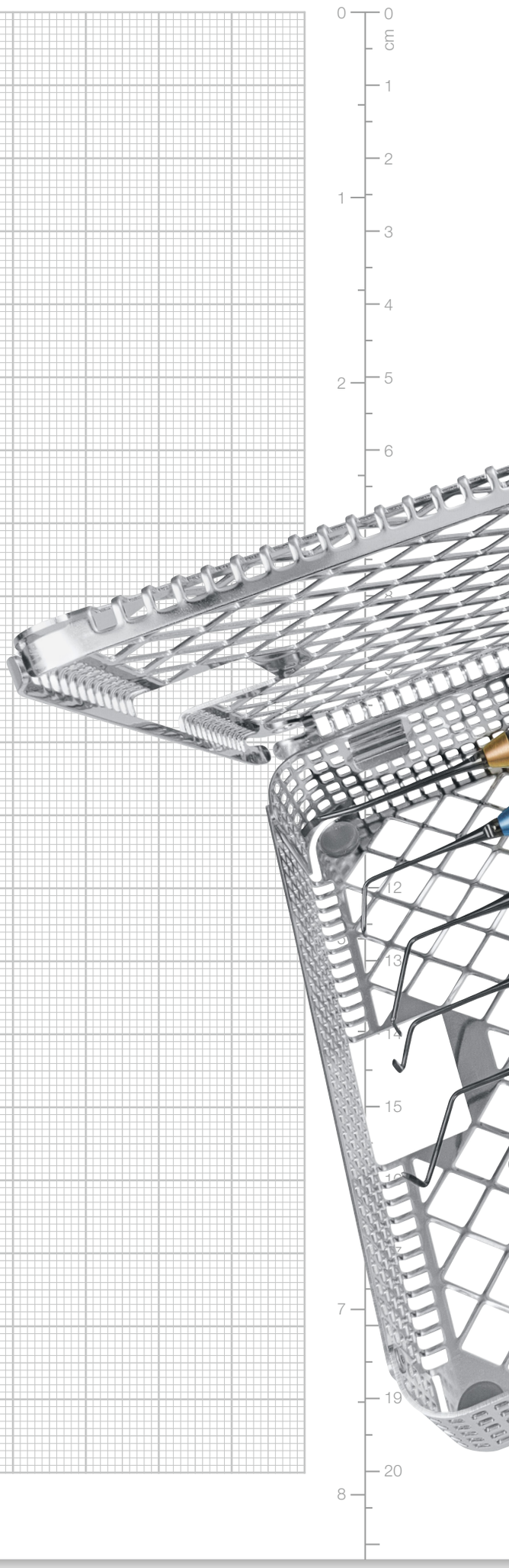



① Singular palatal incision and formation of a flap

② Preparation to gain connective tissue, using the instrument




③ Dissection of the prepared connective tissue below the flap, removal of connective tissue as soon as the base is detached from the palatal bone

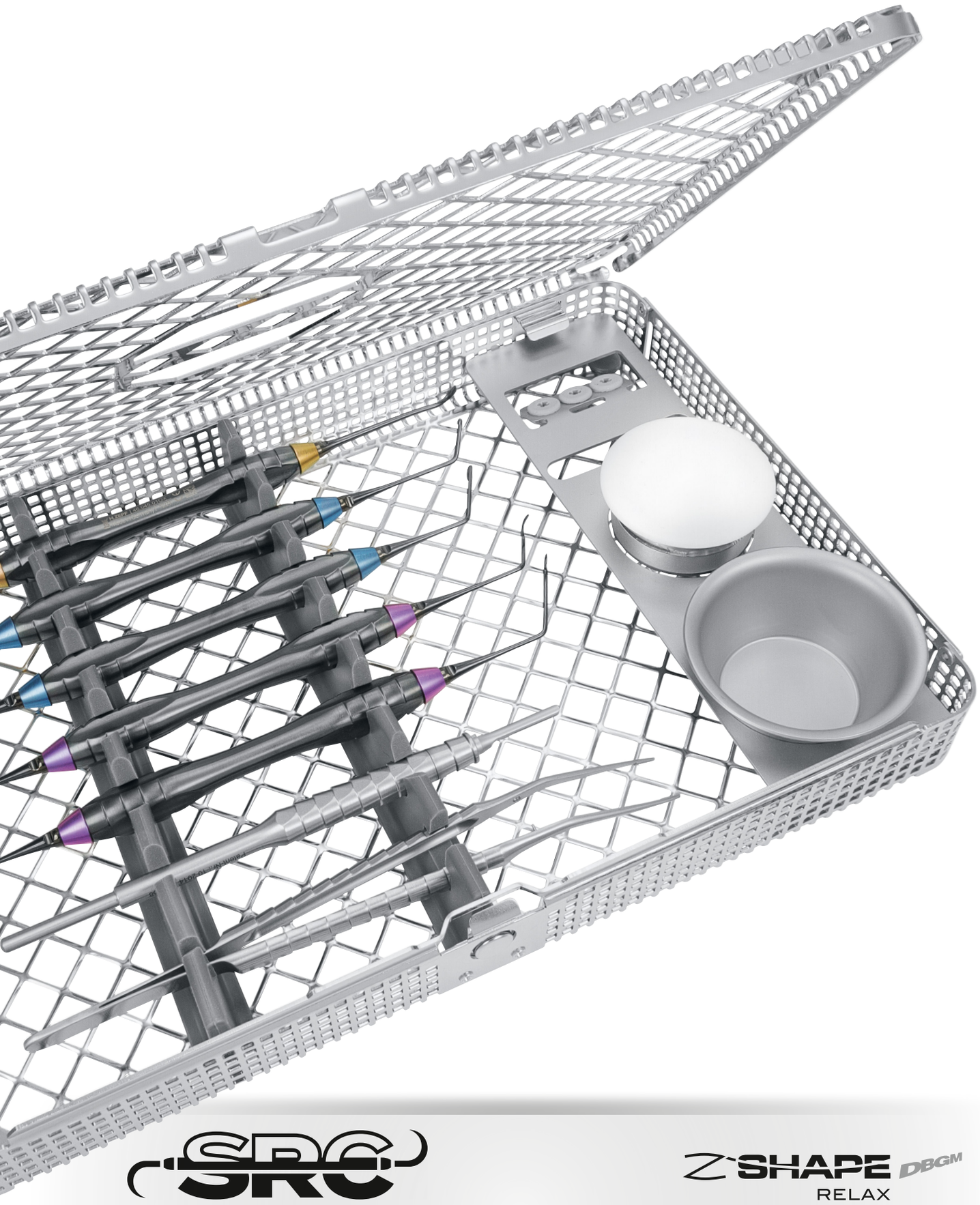



VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

# SRC Kit for Subperiostal Recession Coverage

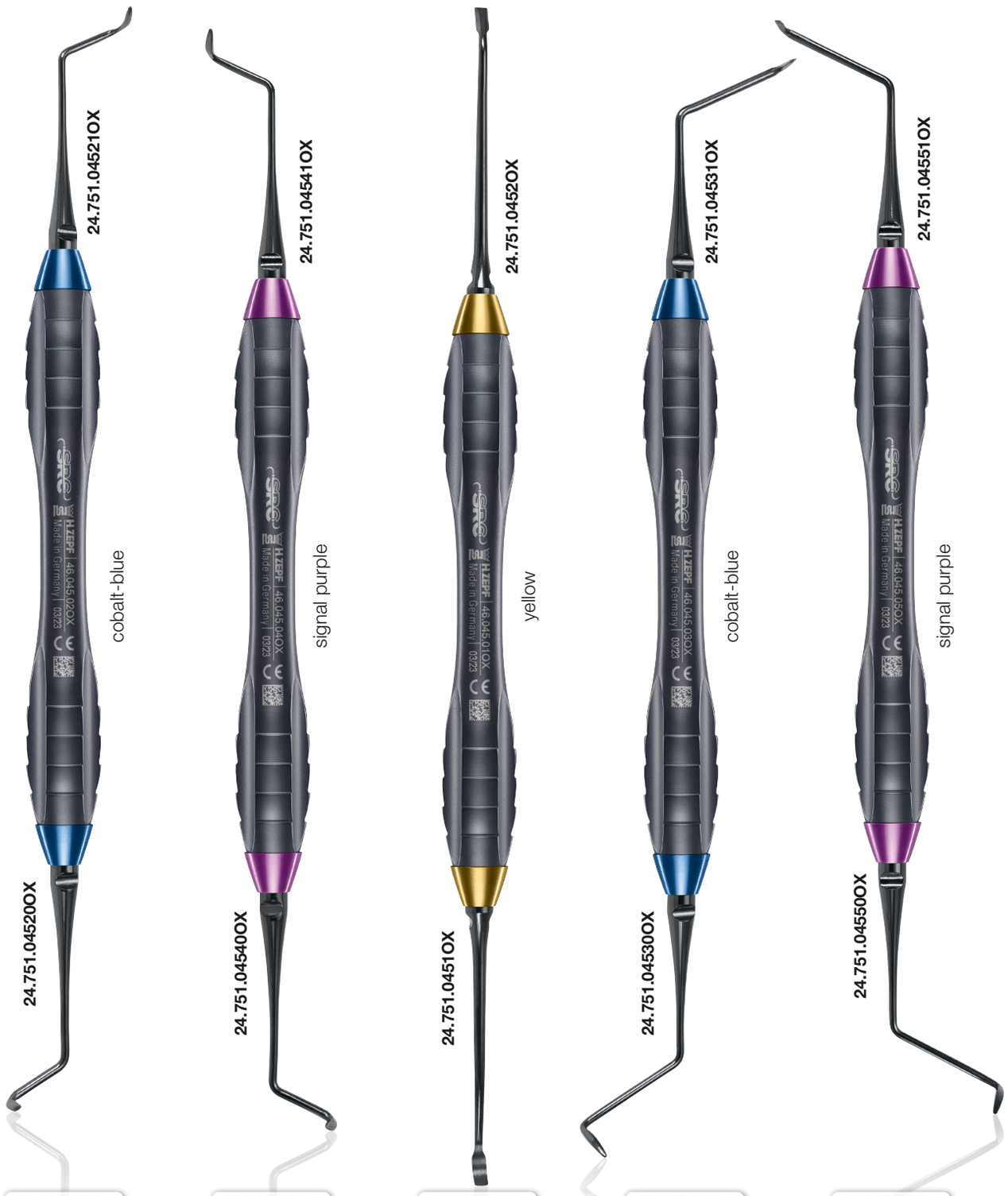
acc. to Dr. Zeltner, with SRC Instruments in Z-SHAPE Handle with ZEPF nanopal® coating



SRC

Z-SHAPE DBGM RELAX

**Content:** SRC Kit for Subperiostal Recession Coverage
acc. to Dr. Zeltner

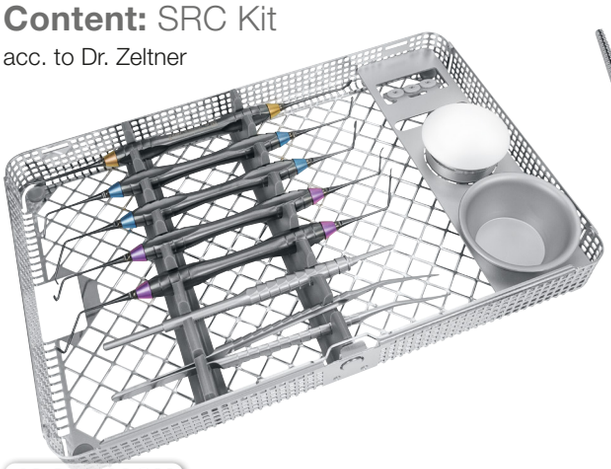



| 46.045.02OX | 46.045.04OX | 46.045.01OX | 46.045.03OX | 46.045.05OX |
|---|---|---|---|---|
| right / short **#2** | left / short **#4** | Intitial Version **#1** | right / long **#3** | left / long **#5** |

SRC Instruments in Z-SHAPE Handle with ZEPF nanopal® coating

## **Content:** SRC Kit

acc. to Dr. Zeltner



**46.045.00OX**

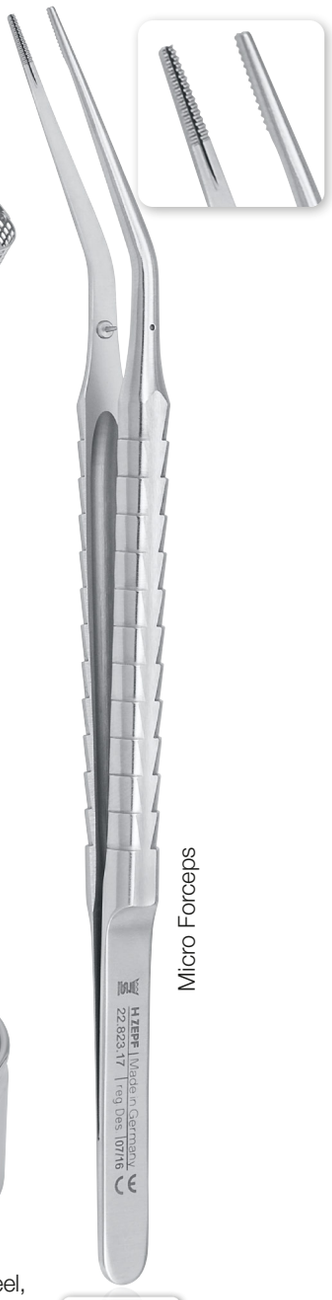
**SRC Kit in 1/1 washbasket contains the following instruments**:
SRC Instruments #1 to #5, Drop-Control Blade Holder, Cooley Micro Forceps, Medicine Cup with plastic lid and Medicine Cup

**85.252.25**

Medicine Cup, stainless steel, Ø 60 mm x 27 mm high, 25 ccm

**85.251.04**

Medicine Cup, stainless steel, with plastic lid,
Ø 40 mm x 30 mm high,
usable on both sides




Micro Forceps

**22.823.17**

**Cooley**

25° curved

Scalpel Blade Holder

**46.007.18**

**Drop-Control®**

Ø 9.5 mm

### Marco Zeltner

Dr med. dent. (federally certified) Specialist Dentist for Reconstructive Dental Medicine SSO [Swiss Dental Association]

**2006:** State examination at the University of Zurich

**2006:** Dentist at Grimm Dentists

**2012 - 2015:** Specialisation in reconstructive dental medicine at the Clinic for Dental Crown and Bridge Prosthetics, Partial Prosthetics and Dental Material Science of the University of Zurich

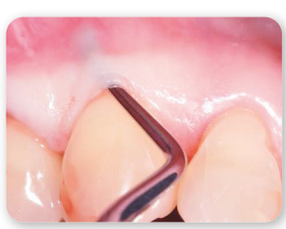
**2017:** Partner at the Grimm Dentists

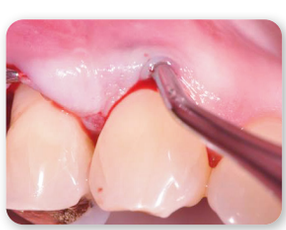
## **ZEPF** Tunneling Instruments!

**Tunneling Instruments with a new angle**
By request of several users, the modified bionik™ Tunneling Instruments from **HELMUT ZEPF** have now been supplemented with two new instruments.
The instruments curved beyond the working tip allow even better access, especially in the posterior tooth region. Available in two sizes, depending on the extent of tunneling, the user can now select the ideal instrument for his / her purposes.

**46.040.03** Tunneling Instrument # 3, 1.8 mm, 45° angled

**46.040.04** Tunneling Instrument # 4, 2.5 mm, 45° angled





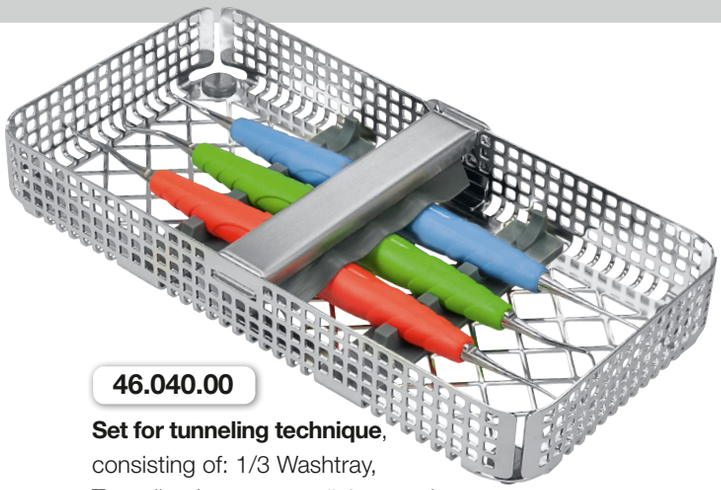
reddot design award
winner 2010

## Tunneling Instrument Combination

**Tunneling instrument and raspatory** sensibly combined in one instrument. With angulated and exchangeable inserts.

**46.035.30** Tunneling Instrument Combination, angulated, Micro Periosteal Elevator, in **ZEPF** bionik handle, grey, exchangeable inserts, M4x0.5

bionik™ reddot design award winner 2010



**46.040.00**

**Set for tunneling technique**,
consisting of: 1/3 Washtray,
Tunneling Instruments # 1 upper jaw,
# 2 lower jaw, # 3 upper / lower jaw combination

## **ZEPF** Tunneling Instruments

In microsurgery, **HELMUT ZEPF** BIONIK Tunneling Instruments find their application in the preparation of flaps or subsequent reconstructions of the alveolar ridge or for root coverings with a connective tissue graft.
The instruments allow a minimally invasive tunneling preparation to avoid large openings. Due to the fine shaped raspatories tunneling incisions in the tissue are possible.

Tunneling Instrument # 1, for upper jaw, 18 cm

**46.040.01**

Tunneling Instrument # 2, for lower jaw, 18 cm

**46.040.02**

Tunneling Instrument combination # 3, upper / lower jaw, straight 1.8 mm, angled 1.7 mm, 18 cm

**46.035.20**

Periodontal Knife for the first access in tunneling technique in the front tooth region

**46.040.07**

Periodontal Knife for tunneling technique in the lateral tooth region. The slightly curved, pointed working tips are ideal to dissect in the lateral tooth region

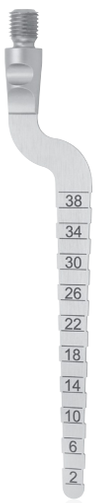
**46.040.08**

Periodontal Knife with double angle to work in lateral tooth regions where access is difficult.

**46.040.09**

## Kahn Probe

Kahn Probe for measuring a free gingival graft, 40 mm with 2 mm graduation.




**24.454.00**

Complete Instrument in Z-SHAPE Relax handle single ended, with exchangeable insert, M4x0,5

**24.455.00**

Kahn Probe Insert, M4x0,5

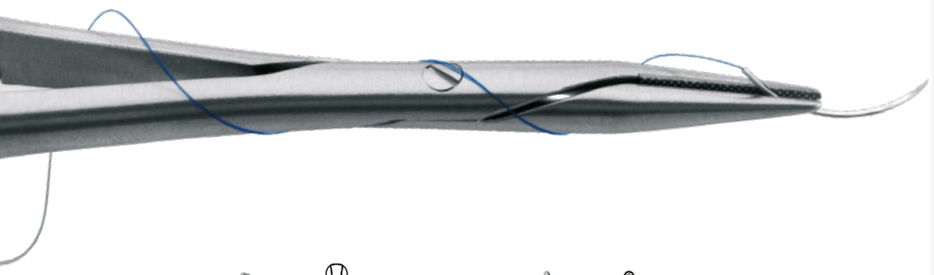
## Tunneling Instrument Combination

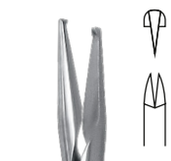
**Tunneling instrument and raspatory** sensibly combined in one instrument. With angulated and exchangeable inserts.

Tunneling Instrument Combination, angulated, Micro Periosteal Elevator, in ZEPF bionik handle, grey, exchangeable inserts, M4x0.5

**46.035.30**

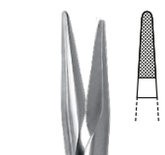
# Double-Action Instruments





4/0 - 6/0

**22.830.17** Double-Action Micro Forceps, transmitted, **ZEPF**-Line, 17.5 cm, 1 x 2 teeth, thread plate 10 mm, jaw width 0.6 mm, SpinLock



4/0 - 8/0

**41.017.17** Double-Action Micro Needle Holder, transmitted, **ZEPF**-Line, 17.5 cm, tungsten carbide, serrated, jaw width 0.6 mm, SpinLock

SpinLock TECHNOLOGY BY HELMUT ZEPF

**What is the ZEPF SpinLock?**

The parallel lock known from standard needle holders has been replaced with the new SpinLock technology. This avoids that the suture material gets caught up on the needle holder.

conventional lock

The **HELMUT ZEPF** Double-Action Instruments are consisting of a Micro Needle Holder and a pair of Micro Forceps.

The instruments were technically modified in the region of the instrument lock. The usual parallel screw lock has been replaced by a new axially turned lock to reliably prevent the suture material from sticking to the needle holder during knotting.

**Advantages of the Double-Action Instruments**

- double transmission to allow tactile handling
- made of special stainless steel
- needle holder with tungsten carbide insert to guarantee a long service life
- due to the round shape, the rotation is considerably facilitated, in particular during suturing, contrary to usual flat micro needle holders
- the turned design prevents threads from getting stuck

onyx

## **ZEPF** Micro Scissors

Onyx-coated scissors offer a 3-5 times higher surface hardness. In combination with the “Supercut” grinding, this guarantees an extremely long product life and application as well as a very high precision and wear resistance. The extraordinary surface smoothness is leading to an easy slide of the scissor blades even under highest strain.

Furthermore, the anti-glare surface avoids disturbing light deflections.
The extremely smooth surface prevents adhesion of proteins.

**Micro Scissors** sharp / sharp, 45° angulated, **ZEPF**-Line, 16 cm

**46.321.16** stainless steel

**46.321.16TISC** onyx

**Micro Scissors** sharp / sharp, curved, **ZEPF**-Line, 17 cm

**46.319.17** stainless steel

**46.319.17TISC** onyx

## Suture Removal Scissors
acc. to Dentist Beck

SpinLock TECHNOLOGY BY HELMUT ZEPF

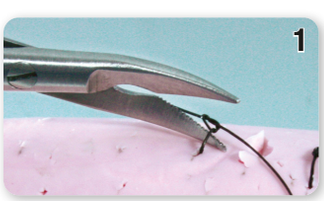
The newly developed **HELMUT ZEPF** Suture Removal Scissors are combining two functions in one instrument.

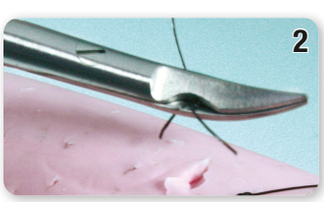
**Sectioning and Retaining**

The curved micro scissors won recognition for periodontal microsurgery.
They are qualified for controlled cuts in the soft tissue and their main task is the sectioning of the suture (ill. 1).

They are curved for an ideal access to all oral regions. One blade of the scissors is micro-serrated to prevent the soft tissue and the thread from slipping off (ill. 2).

The new trademarked gripping function allows the scissors to be used for the sectioning of the suture and subsequent thread removal without requiring a second instrument (ill. 2).

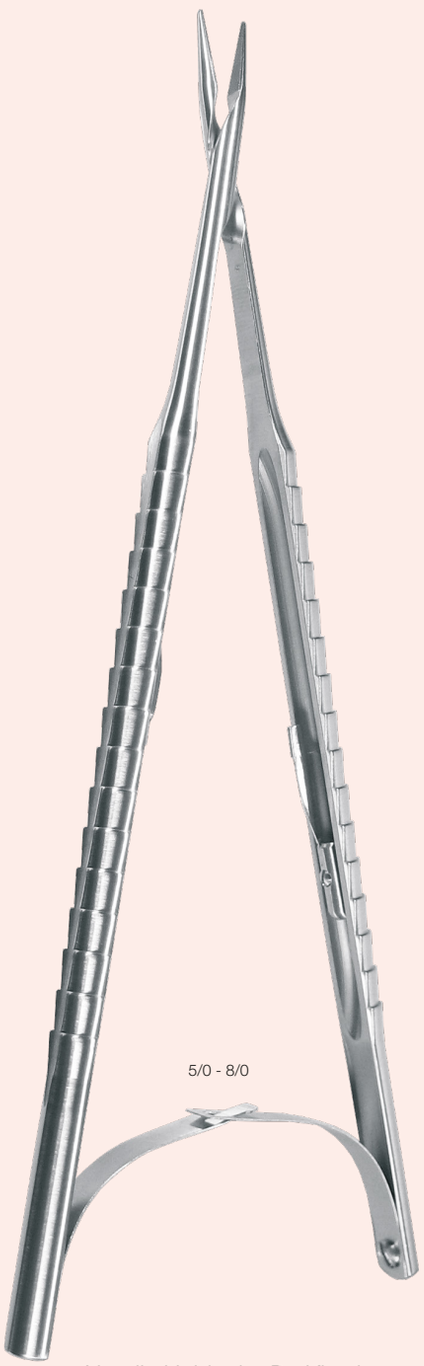


**46.319.17N**

Suture Removal Scissors with retaining function for suture removal by Dentist Beck, micro-serrations, sharp / sharp, **ZEPF**-Line, curved, SpinLock, 17.5 cm

## Needle Holder
acc. to Dr. Kirsch



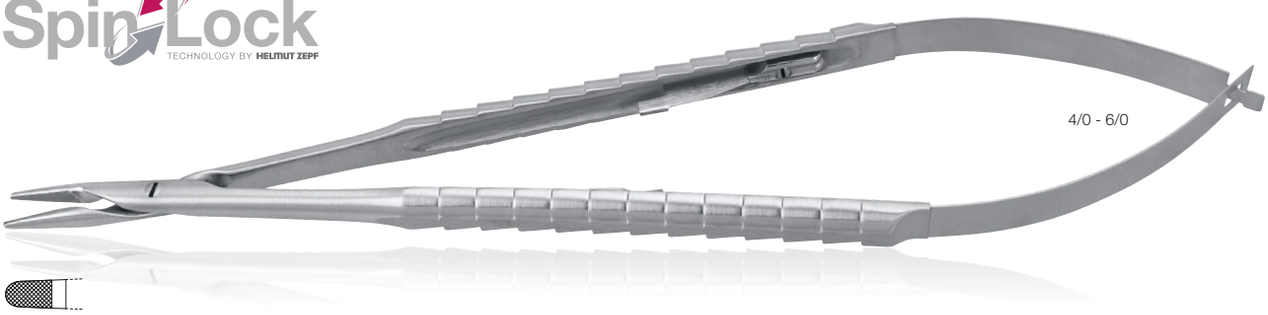

Needle Holder by Dr. Kirsch, lock, double spring, SpinLock, 17.5 cm, TC

**41.200.17TC-K** straight

**41.201.17TC-K** curved

## Macro / Micro Needle Holder

SpinLock TECHNOLOGY BY HELMUT ZEPF






**41.010.17TC-M** **Macro Needle Holder** 18 cm, TC
macro bit 11 x 2.0 mm, straight, **ZEPF**-Line, lock

**41.011.17TC-M** **curved version**

**What is TC ?**

TC stands for “Tungsten Carbide”, a material whose superior strength wear resistance and hardness are its major properties that distinguish it from conventional materials.

**Micro Needle Holder**
**ZEPF**-Line, with lock and protected inner spring, SpinLock, TC

**41.200.15TC** stainless steel, 16 cm
**41.200.17TC** stainless steel, 17.5 cm

**41.201.15TC** stainless steel, 16 cm
**41.201.17TC** stainless steel, 17.5 cm

**41.201.15TC**

**41.200.17TC**

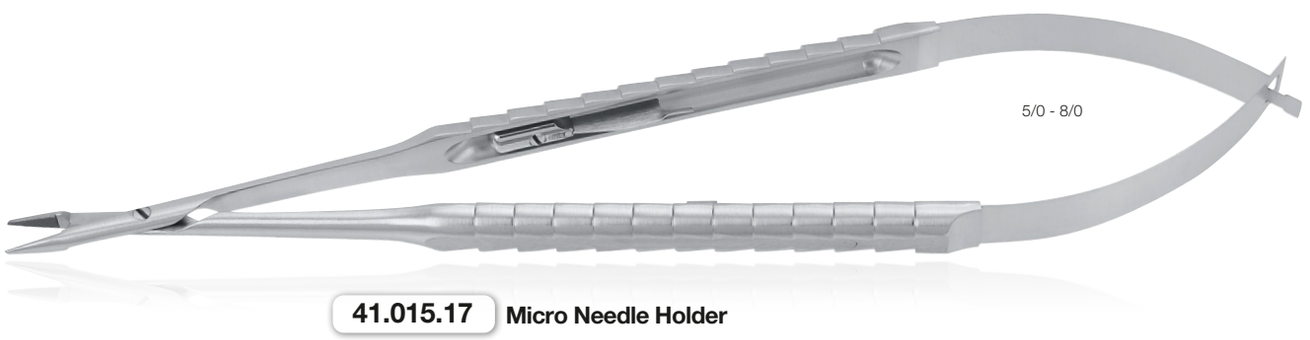
## Micro Needle Holder

**41.010.17TC** **Micro Needle Holder**

TC, straight, **ZEPF**-Line, lock, SpinLock, 17.5 cm

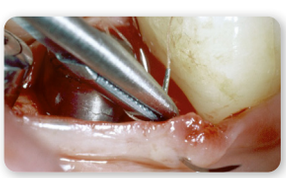
**41.011.17TC** **Micro Needle Holder**

TC, curved, **ZEPF**-Line, lock, SpinLock, 18 cm

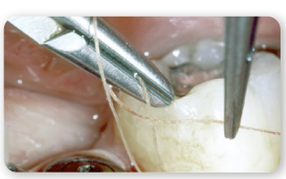



**41.015.17** **Micro Needle Holder**

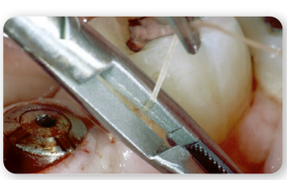
Hold'n'Cut by PD Dr. Weng, combined with scissors, SpinLock, TC



The front part of the Hold'n'Cut Micro Needle Holder holds the end of the needle when entering the flap.



The front part of the needle holder, together with the micro surgical tweezers, holds the thread ends when knotting.



The back part of the Hold'n'Cut Micro Needle Holder offers scissors for the cutting of the thread without changing the instrument or needing any additional scissors.

## Micro Forceps with Diamond Coating

Some forceps can also be ordered with diamond coated tips for better grip.

**Cooley** 18 cm

**22.815.17** stainless steel

**Cooley** 18 cm

**22.816.17** stainless steel

**Tissue Forceps** 1 x 2 teeth, 17.5 cm

**22.811.17** stainless steel

**22.811.17D** diamond-tipped

**Tissue Forceps** 1 x 2 teeth, 17.5 cm

**22.810.17** stainless steel

**22.810.17D** diamond-tipped

## Micro Forceps with Diamond Coating

Some forceps can also be ordered with diamond coated tips for better grip.

**Micro Suture Forceps** outer Ø ring: 2 mm, 18 cm

**22.814.17** stainless steel

**Dressing Forceps** smooth, 18 cm

**22.821.17** stainless steel

**22.821.17D** diamond-tipped

**Dressing Forceps** smooth, 18 cm

**22.820.17** stainless steel

**22.820.17TC** TC inserts

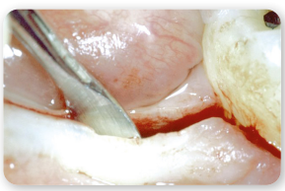
**22.820.17D** diamond-tipped

**Tissue Forceps Atraumatic**, smooth, ring 1 x 0.5 mm, 18 cm

**22.812.17** stainless steel

## Papilla Elevators

**46.035.05** **PapillEx** Papilla Elevator by **PD Dr. Weng**, Starnberg



The blunt working end of the PapillEx is lentiform and allows gentle elevation of the tip of the papilla by turning the instrument while positioned adjacently to the the cervical part of the tooth.
The sharp working end, which is slightly bigger, is used to remove the periosteum from the bone along the sulcular or vertical incision.
Both working ends are exchangeable and can be removed from the instrument shank if necessary.

**46.035.00** **Papilla Elevater** to prepare fine soft tissue structures, **ZEPF**-Line, exchangeable inserts, 17.5 cm

---

## Micro Scalpel Handles **ZEPF**-Line, 13 cm

**46.013.00Z** Titanium, included in the set illustrated on page **08-11**

**46.013.05** Stainless steel

---

## Micro Scalpel Blades for Micro Blade Holders, supplied in packs of 25 pieces

# 63, sterile **46.016.03**

# 64, sterile **46.016.04**

# 67, sterile **46.016.07**

# 69, sterile **46.016.09**

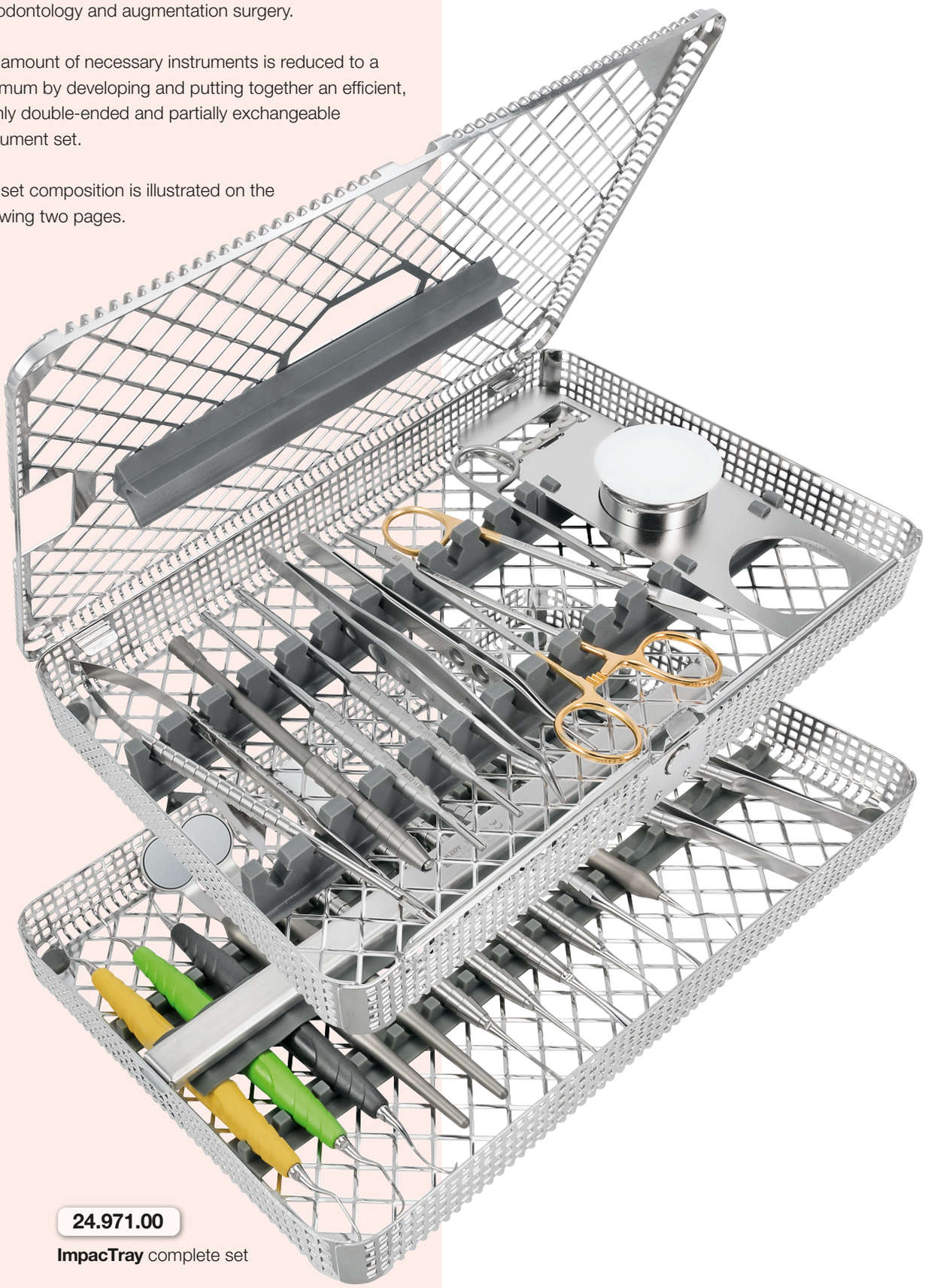
## ImpacTray

acc. to PD Dr. Weng, Starnberg

The ImpacTray acc. to PD Dr. Weng makes micro as well as macro surgical operations possible in implantology, periodontology and augmentation surgery.

The amount of necessary instruments is reduced to a minimum by developing and putting together an efficient, mainly double-ended and partially exchangeable instrument set.

The set composition is illustrated on the following two pages.



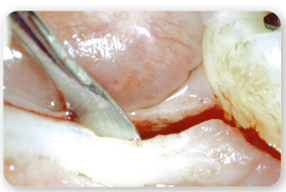
**24.971.00**

**ImpacTray** complete set

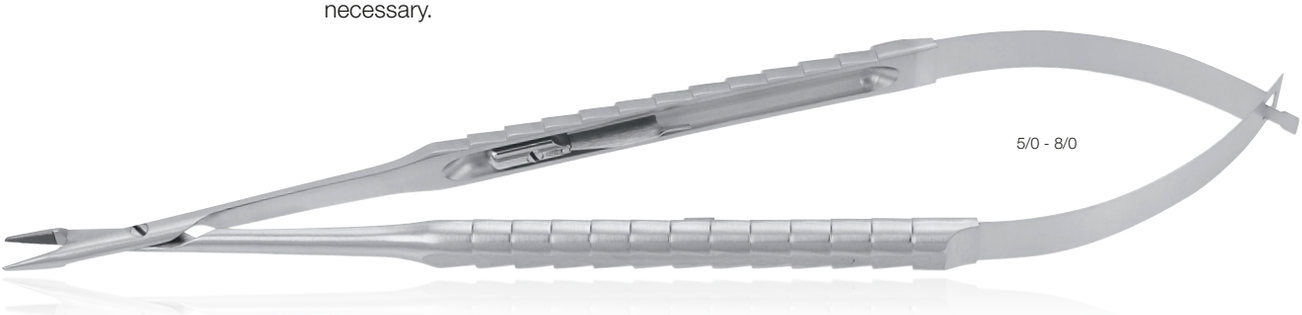
## ImpacTray acc. to PD Dr. Weng, Starnberg

The **ImpacTray** Set **24.971.00** incl. washtray consists of:

**46.035.05** **PapillEx** Papilla Elevator acc. to **PD Dr. Weng**, Starnberg



The blunt working end of the PapillEx has a lenticular shape and allows gentle elevation of the tip of the papilla by turning the instrument while positioned adjacently to the cervical part of the tooth.
The sharp working end, which is slightly bigger, is used to remove the periosteum from the bone along the sulcular or vertical incision.
Both working ends are exchangeable and can be removed from the instrument shank if necessary.

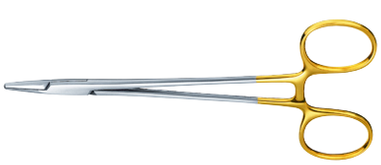



**41.015.17** **Micro Needle Holder**

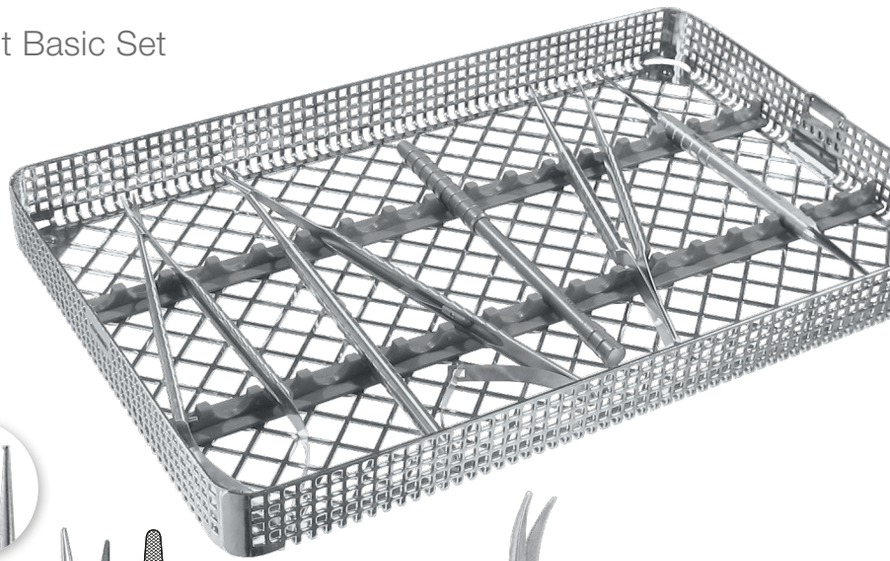
Hold'n'Cut acc. to **PD Dr. Weng**, Starnberg, combined with scissors, SpinLock

### The ImpacTray consists of:

| Illustration | Article Description | included in the Set |
|---|---|---|
| | **24.971.00** ImpacTray acc. to **PD Dr. Weng**, Starnberg consisting of: | 1 set |
| | **24.210.01L** bionik Universal Curette, **Langer** # L1/2, black, exchangeable | 1 piece |
| | **24.208.03L** bionik Universal Curette, **Langer** # L3/4, yellow green, exchangeable | 1 piece |
| | **24.201.05L** bionik Universal Curette, **Langer** # L5/6, yellow, exchangeable | 1 piece |
| | **41.848.08** Sinus Elevator, double-ended 4.2 mm / 3.6 mm, blunt | 1 piece |
| | **26.183.00** Desmotome for cutting the desmodontal fibres, titanium | 1 piece |

| Illustration | Article Description | included in the Set |
|---|---|---|
| | **46.035.05** PapillEx acc. to **PD Dr. Weng** to loosen delicate periodontal structures | 1 piece |
| | **24.747.04** **Prichard** Raspatory for extensive flap elevations and to retract hinged flap parts | 2 pieces |
| | **24.114.00** Probe Combination acc. to **PD Dr. Weng** | 1 piece |
| | **24.747.06** **Kirkland**, **ZEPF**-Line, to prepare angled split flaps, exchangeable | 1 piece |
| | **46.013.00Z** Micro Surgical Scalpel Handle, **ZEPF**-Line, light weight, 13 cm, Titanium | 1 piece |
| | **24.087.02** Mouth Mirror Handle with Mirror **24.071.22**, Titanium | 2 pieces |
| | **46.007.00** Scalpel Handle **ZEPF**-Line, straight, for blades No. 10 - 15 | 2 pieces |
| | **22.810.17** Micro Tissue Forceps **ZEPF**-Line, 1 x 2 teeth, 17.5 cm | 2 pieces |
| | **22.489.00M** **Micro-Adson** 1 mm, with suture disc, 15 cm, 1 x 2 teeth | 1 piece |
| | **22.025.03** Tweezers with Stop-Pin, ergonomic, 15 cm, serrated tip | 1 piece |
|  | **41.252.15TC** **Crile-Wood** Needle Holder, straight, 15 cm, with TC beak | 1 piece |
| | **46.081.16SC** **Joseph**-Scissors, curved, 16 cm, SuperCut, micro serrated 0.25 mm | 1 piece |
| | **41.015.17** Micro Needle Holder Hold'n'Cut, acc. to **PD Dr. Weng**, combined with Scissors, SpinLock | 1 piece |
| | **85.251.04** Mixing Cup, stainless, with POM Lid, Ø 4 cm | 1 piece |

# **ZEPF** Soft Tissue Micro Instrument Basic Set



**24.967.05**

**ZEPF** Soft Tissue Micro Instrument Basic Set

**85.180.00**

Incl. washtray 1/1, with 2 instrument supports and 1 longitudal instrument retainer, dimensions: 275 x 178 x 24 mm

**containing:**

**1** **22.810.17**

Tissue Forceps, straight, stainless steel, **ZEPF**-Line, with guide pin, 1 x 2 teeth, 17.5 cm

**2** **41.200.17TC-K**

Needle Holder by **Dr. Kirsch**, straight, TC, lock, double spring, SpinLock, 17.5 cm

**3** **41.864.13**

Raspatory, **ZEPF**-Line

**4** **46.319.17**

Suture Removal Scissors with micro-serrations, sharp/sharp, curved, **ZEPF**-Line, stainless steel, 17 cm

**5** **46.013.00Z**

Micro Surgical Scalpel Handle, **ZEPF**- Line, light version, titanium, 13 cm

VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

## **ZEPF** Crown-Spreading Pliers

The **HELMUT ZEPF** Crown-Spreading Pliers are perfectly designed for the spreading of crowns without pressure on the root and neigbour tooth.

The spreadding function of these pliers guarantee a safe and anatomical correct application.
The power is not anymore transfered to adjacent teeth, roots or the jaw as with conventional crown spreading pliers.

**19.277.01Z**

Crown-Spreading Pliers by Bauer, modified DBGM, 14.5 cm

## Universal Forceps

These **HELMUT ZEPF** All-purpose Pliers should be on hand at any treatment unit. They may be used for securely grasping temporary plastic crowns, bridges, nerve instruments, stuck matrices, fixing inlays, setting interdental wedges, etc., and may be used on both upper and lower jaws.

Their tungsten carbide steel jaws provide a secure grip.

**19.281.15TC**

**Universal** All-Purpose Forceps, TC, 14.5 cm

## **ZEPF** Tele-Grip

Easy and thus precise adjustment!

There is always a demand for a precise and above all a sensitive adjustment of a Tele-Grip, to avoid a high tension (damage caused by deformation) in critical situations.

The previous function was only partly given, especially in bigger spreading ranges it was only possible under restrictive conditions. Thus, the durability was affected due to the resulting thread damages.

The **HELMUT ZEPF** Tele-Grip has a movable threaded bearing. As a result, the adjusting screw can be aligned easily and in a most sensitive way throughout the setting range.

**31.182.01**

**Tele-Grip**, Telescope Crown Forceps, curved, 15 cm

## Inlay Forceps

**19.274.60**

Self-retaining Inlay Forceps, exchangeable jaws, 15 cm, incl. 10 pairs plastic jaws

**19.274.50**

Inlay Forceps, exchangeable jaws, 15 cm, incl. 10 pairs plastic jaws

## Crown-Tractor Crown-Extraction Pliers with interchangeable plastic tips

Adjust the screw on the pliers so that it fits nicely over the crown to be removed

After adjusting the pliers, tips should be moistened with diamond powder

The crown can now be removed in a safe way

**19.274.00** **"Exclusive"**

CROWN-TRACTOR Set with thumbscrew detent and retaining spring, 15 cm, 20 Plastic Polymer Tips and 10 g DIATRAC adhesive powder

**19.274.13**

Replacement Kit: 10 g DIATRAC adhesive powder, gamma irradiated and 40 Plastic Polymer Tips

**19.274.15**

CROWN-TRACTOR "Exclusive" with thumbscrew detent and retaining spring, 15 cm.
Included in set "Exclusive"
REF 19.274.00

## Crown Butler

**19.275.01** Insert # 1

**19.275.02** Insert # 2

**19.275.04** Insert for Crown-Butler, Crown-Removing-Plier

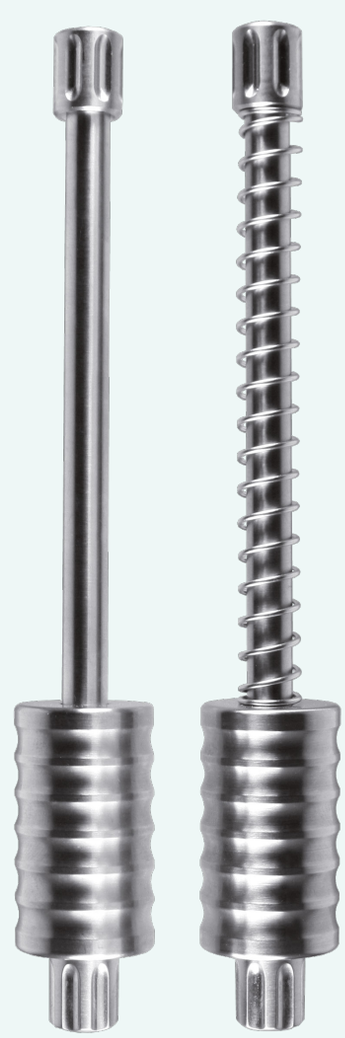
**19.275.00**
Crown-Butler, automatic crown remover, incl. 2 inserts 19.275.01 and 19.275.02

## Miller Crown Ring Remover

**19.272.01** Insert for **Miller** # 1

**19.272.02** Insert for **Miller** # 2

**19.272.03** Insert for **Miller** # 3



**Miller**
Crown Ring Remover

**19.272.00**
with 3 inserts (# 1-3) and weight

**19.272.10**
with weight

**19.273.00**
with 3 inserts (# 1-3), weight and spring

## Temporary Crown Remover

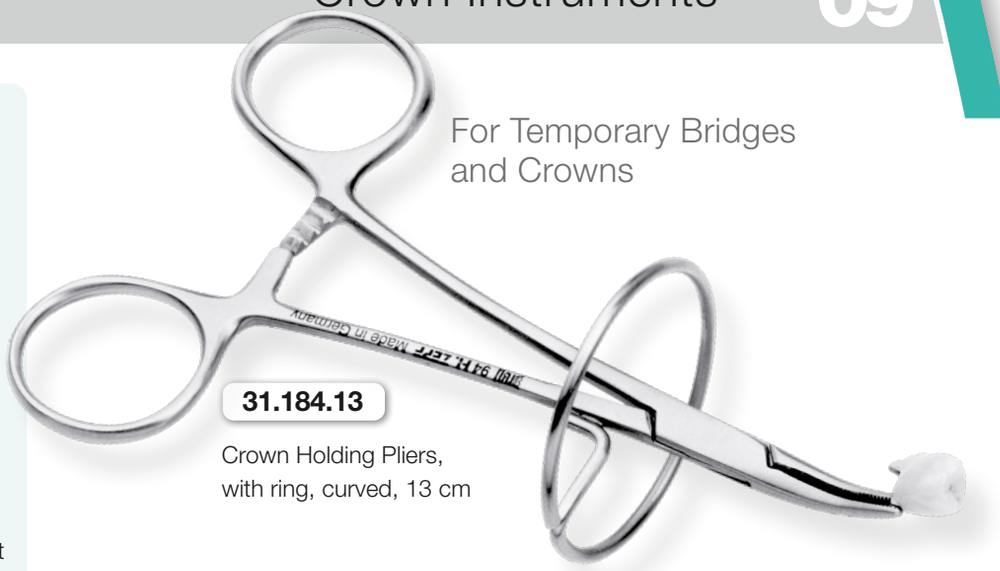
acc. to Dr. Hobl

The Temporary Crown Remover with **ZEPF** BIONIK handle features a short sickle shape.
The working tip can be adapted safely to the crown margin.
The short working tips offer a very direct way to transmit the tensile force on the temporary crown, i.e. a slipping off is almost impossible.

**19.265.16**

Temporary Crown Remover, double-ended, in **ZEPF** BIONIK handle, turquoise-brightblue, straight for anterior teeth, curved for posterior teeth

## For Temporary Bridges and Crowns



**31.184.13**

Crown Holding Pliers, with ring, curved, 13 cm

**19.279.00**

All-Purpose Crown Lever for occlusal, buccal, palatal or labial use in the maxilla, 14 cm

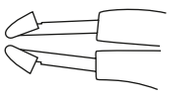
**19.281.16**

Removing Pliers for temporary bridges and crowns, TC inserts, 16 cm

## Telecrown-Grip

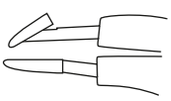
These Telescoping-Jaw Pliers offer three variation possibilities in one.
Their adjustable and rigid tips have a first-class, anatomically correct friction coefficient.

The design of the contacting surfaces of their diamond-tipped jaws significantly extends jaw service life.
The choice of configurations allows adapting them to suit patients' anatomies.



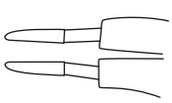
**31.185.00**

Telecrown-Grip,
bilaterally adjustable, 2.35 mm,
diamond-tipped jaws with
exchangeable, movable tips,
incl. Allen Key, 13 cm



**31.185.01**

Telecrown-Grip,
unilaterally adjustable, 2.35 mm,
diamond-tipped jaws with
exchangeable tips, 1 movable tip,
incl. Allen Key, 13 cm



**31.185.04**

Telecrown-Grip,
rigid, 2.35 mm, diamond-tipped
jaws with exchangeable tips,
incl. Allen Key, 13 cm

## Spare Parts

**31.185.10** 1 pair of diamond-tipped jaws, adjustable, 2.35 mm

**31.185.12** 1 pair of diamond-tipped jaws, rigid, 2.35 mm

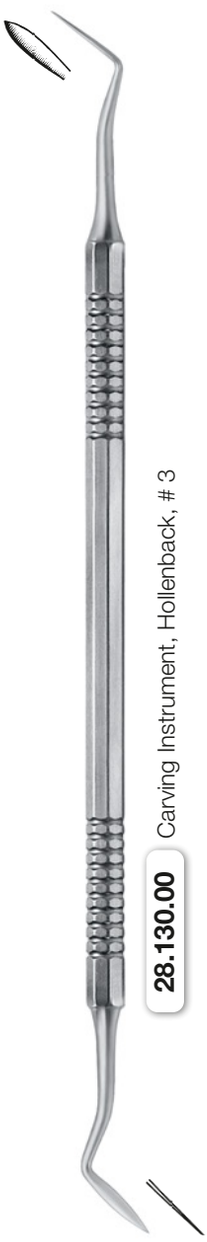
**31.184.01** Allen Key, SW 1.5

**31.185.02**

Telescope Crown Pliers,
with 2 exchangeable
diamond tips 1.65 mm

## Modeling Instruments – Precision in Perfection

Quality MADE IN GERMANY for the quality-conscious technician.



**28.130.00** Carving Instrument, Hollenback, # 3

**24.353.02** Carving Instrument, Mitchell

**28.114.00** Hylin

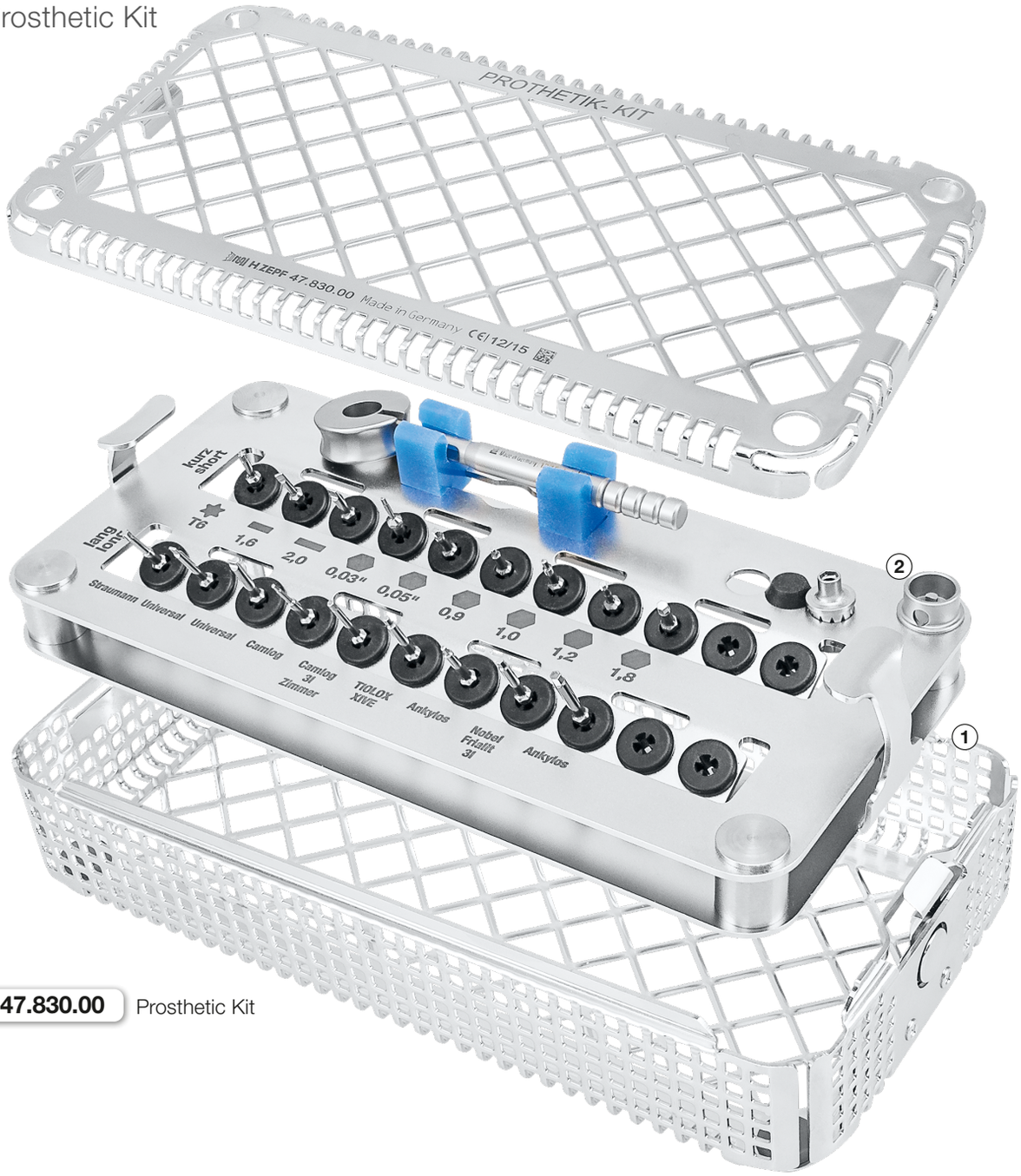
**28.111.01** Hylin - Le Cron

**28.110.01** Wax Carver and Curette

**28.161.13** Wax Carver, Fahnenstock, stainless steel, 12 cm

**28.161.17** Wax Carver, Fahnenstock, stainless steel, 17 cm

## Prosthetic Kit




**47.830.00** Prosthetic Kit

## Universal Handle for the Prosthetic Kit

**47.502.15**

Universal Handle
for the Prosthetic Kit,
16 cm

## Prosthetic Kit

Every day, you have to loosen all kinds of implant abutments in the practice / in the laboratory? In order to facilitate your work, **HELMUT ZEPF** has created a prosthetic set allowing you to loosen more than 90 % of all screws available on the market.
All instruments are numbered and dispose of a RA-HEX connection. This means that these instruments can be used either in a contra-angle handpiece or in a ratchet.

**Advantages Prosthetic Kit**

In the RA-Hex-Adapter the inserts will be picked up.

RA-Hex Adapter inserted in ratchet. Shown with demounted handle for use as finger ratchet. Information: The RA-Hex-Adapter has a rotating finger rest available (see red arrow).

Among the recessi for two RA-Hex-Adapters a socket for a comfortable removal of the screwdriver inserts from the RA-Hex-Adapter is located.

Optionally, the finger ratchet can be used with an extension piece. The set can also be completed by a torque wrench which is adjustable from 10 - 40 Ncm and has a fixation function to deactivate the torque.

The storage tray is made of stainless steel and contains a description of each individual screwdriver in order to facilitate the identification of the tools required for the respective screw.
The tray fits into a basket and can be reprocessed reliably according to the RKI guidelines.

**47.830.00** Complete Prosthetic Kit consisting of:

| Shape | Screwdrivers with dental lock | short, 21 mm | long, 26 mm |
|---|---|---|---|
| ☆ | TORX T6, Straumann®, Aesthura® | 47.832.01 | 47.833.01 |
| ▭ | Universal flat 1.6 mm, narrow | 47.832.02 | 47.833.02 |
| ▬ | Universal flat 2.0 mm, wide | 47.832.03 | 47.833.03 |
| ⬡ | Allen Key SW HEX 0.03'', Camlog® | 47.832.04 | 47.833.04 |
| ⬡ | Allen Key SW HEX 0.05'', Camlog®, Sulzer® (Zimmer®), Semados®, Biomet 3I® | 47.832.05 | 47.833.05 |
| ⬡ | Allen Key SW 0.9 mm, IMPLA®, TIOLOX®, BREDENT®, XIVE® | 47.832.06 | 47.833.06 |
| ⬡ | Allen Key SW 1.0 mm, Ankylos® | 47.832.07 | 47.833.07 |
| ⬡ | Allen Key SW 1.2 mm, IMPLA®, Nobel Biocare®, Frialit®, XIVE®, IMZ®, Biomet 3I® | 47.832.08 | 47.833.08 |
| ⬡ | Allen Key SW 1.8 mm, Ankylos® | 47.832.09 | 47.833.09 |
| 1 | 1/3 Washbasket with Lid | 85.192.50 | |
| 2 | Rack for Prosthetic Kit | 47.830.01 | |
| 3 | Driver Guide | 47.525.51 | |
| 4 | Ratchet with demountable handle for Prosthetic Kit | 47.525.55 | |
| 5 | Optional Accessory: Torque Wrench (not included in the set) | 47.803.02 | |

**ALL THE TRADEMARKS ARE THE PROPERTY OF THE RESPECTIVE COMPANIES.**
We assume no liability for deviations due to tolerances of implants.

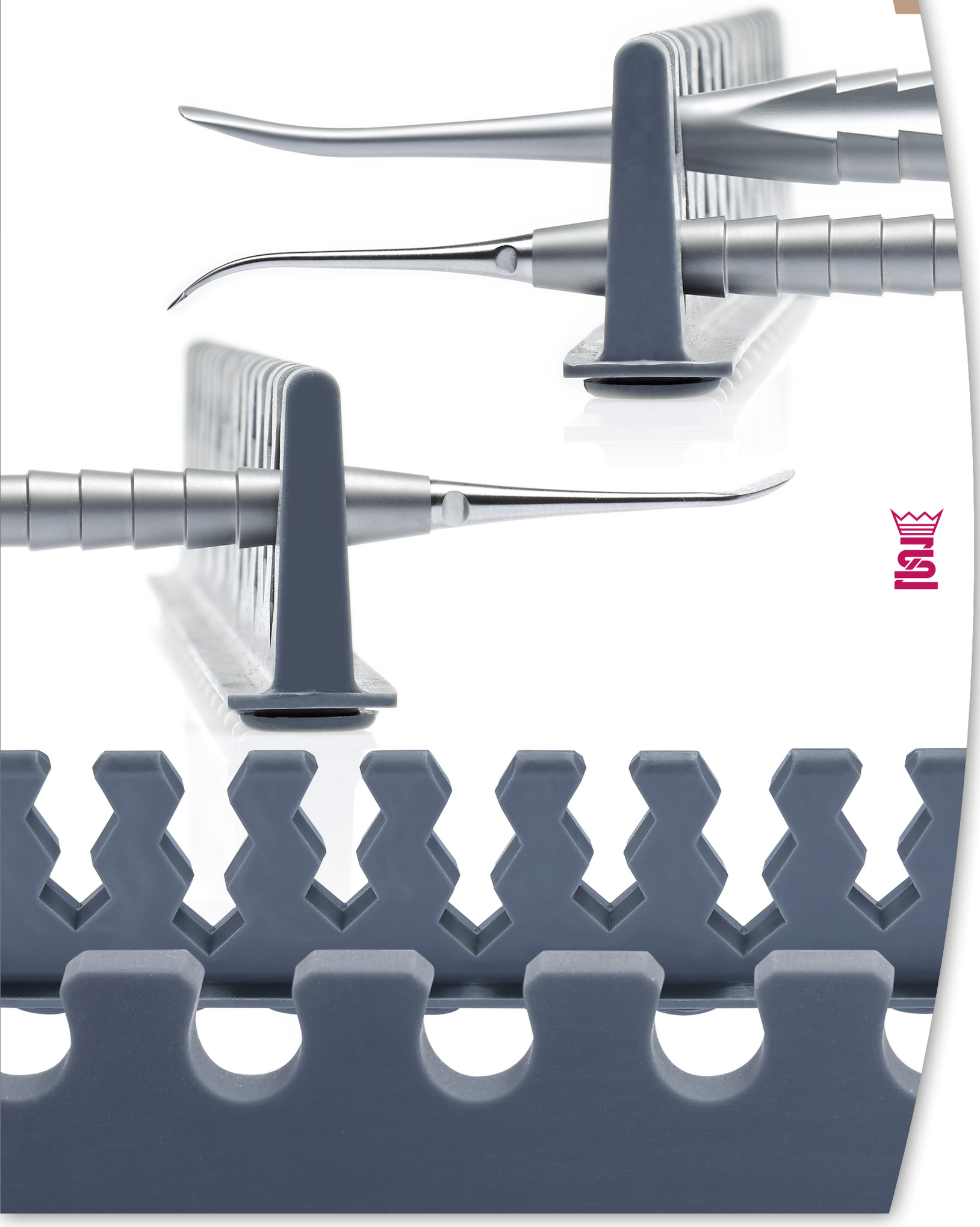
zepf-dental.com

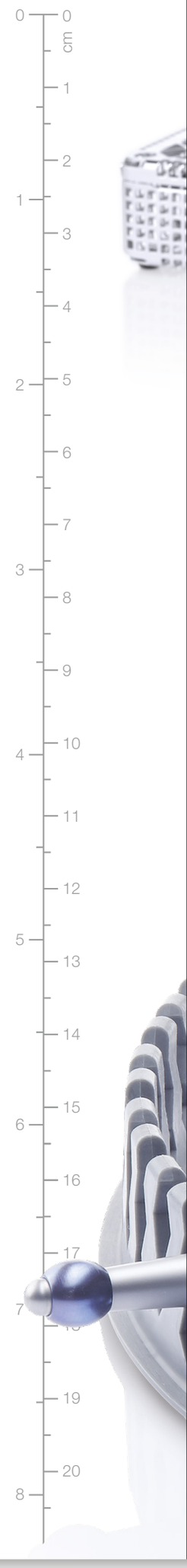
VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY

The instruments illustrated in this catalogue are subject to modifications regarding technical progress and improvements.

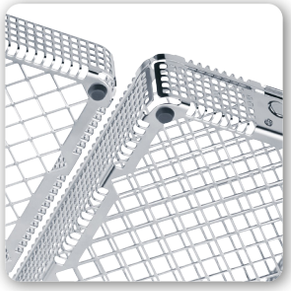
Scale





VDDI
Dental Solutions.
German Manufacturers.

MADE IN GERMANY



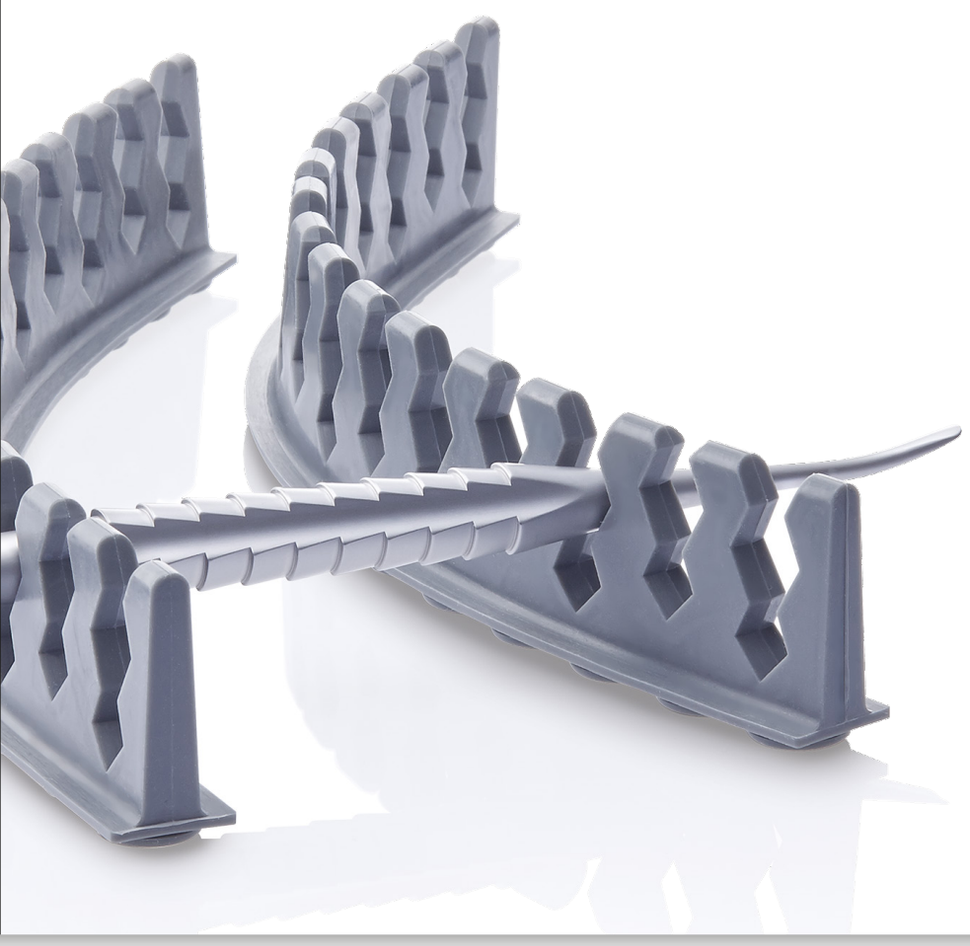
ZEPF care SYSTEM

## The Modular Hygiene System

**Flexible, efficient and approved safe.** The **ZEPF**-Care Universal Silicone Profile allows an easy placement of the instruments after a surgery. For sterilization and cleaning, the instruments are inserted in the profile according to their diameter and are immediately secured.

Additionally, we have equipped the **ZEPF**-Tray and Basket-System with silicone base. Therefore the tray guarantees an anti-slip position and the stacking stability is improved at the same time.

Suitable for standardized sterilization containers, it's available in four different sizes for an ideal working potential. Placesaving, secure and very practical and with a removable lid.



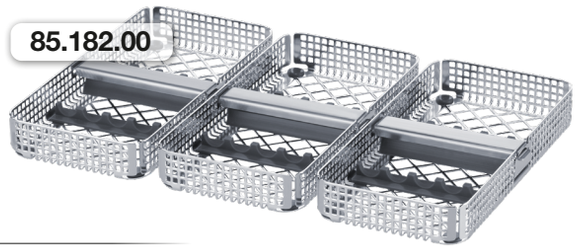
ZEPF care SYSTEM

## Advantages

- The meshes of the bottom and the lid are designed in a broad shape. Consequently dead zones are minimized.
- The diagonal profile of the mesh simplifies the identification of the parallel arranged instruments in the profile.
- The meshes on the edge of the tray are designed in a narrow shape and thus enhance the stability of the basket.
- The risk of injury is reduced.

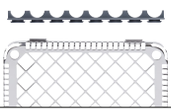
## Washtrays

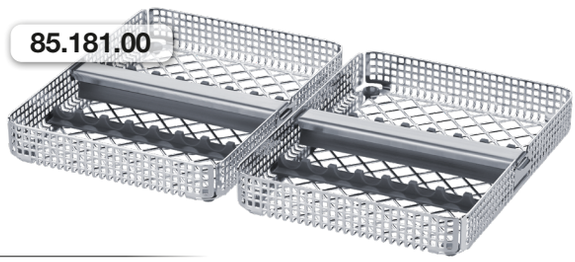
1/3 178 x 90 x 24



85.182.00

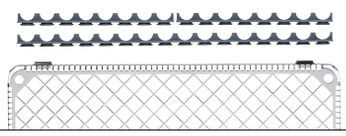
1/2 178 x 135 x 24

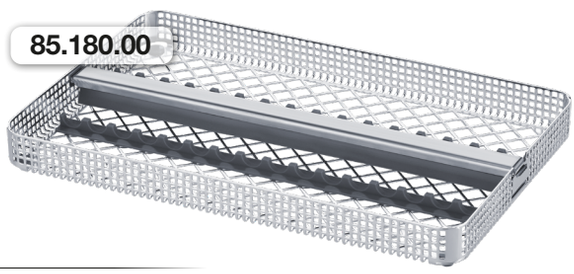




85.181.00

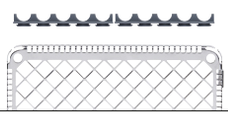
1/1 275 x 178 x 24

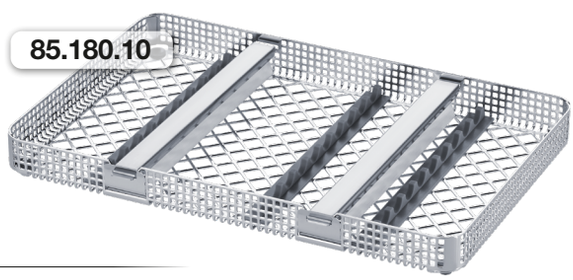




85.180.00

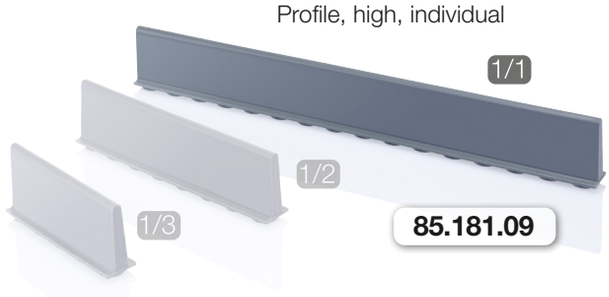
1/1 275 x 178 x 24

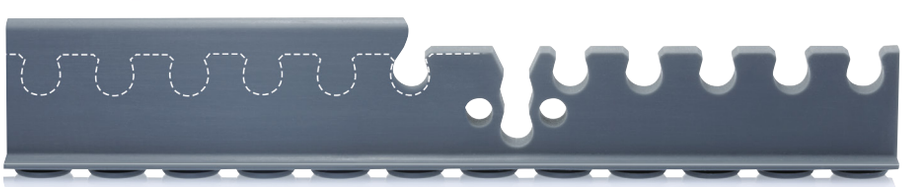




85.180.10

Profile, high, individual

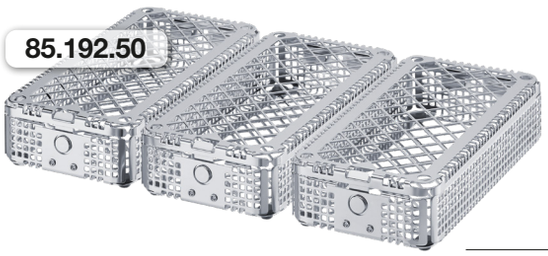


Profile, high, with individual water jet cutting.

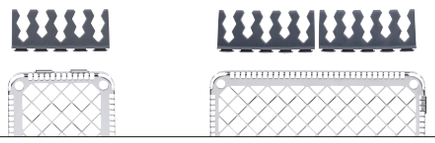
ZEPF care SYSTEM

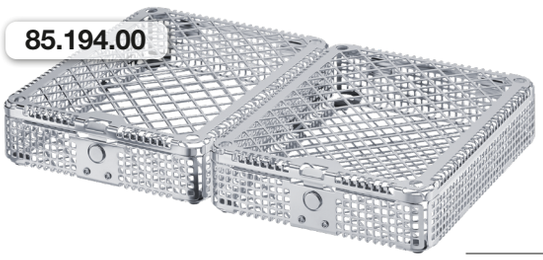
## Washbaskets



**85.192.50**

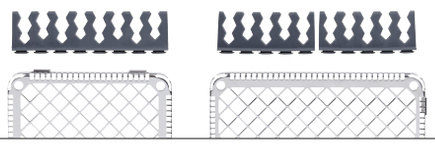
**1/3** 178 x 90 x 37

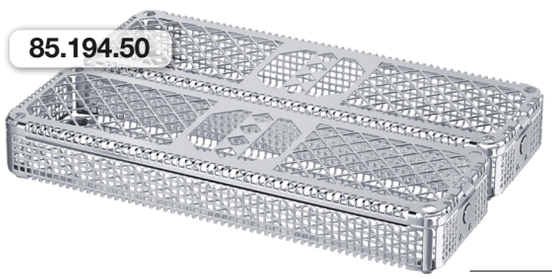




**85.194.00**

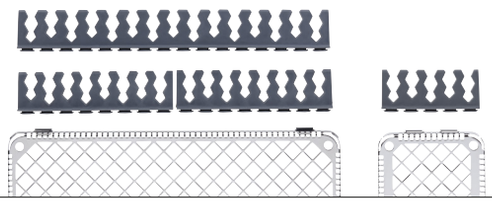
**1/2** 178 x 135 x 37

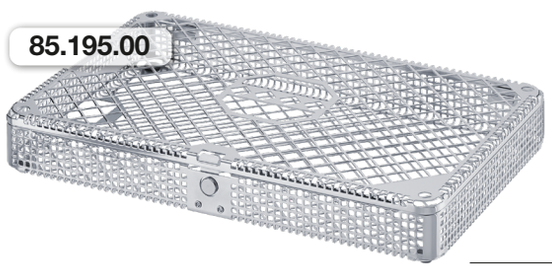




**85.194.50**

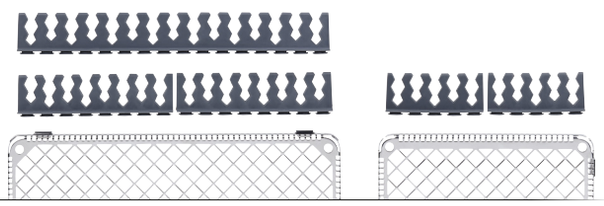
**1/2** 275 x 86 x 37



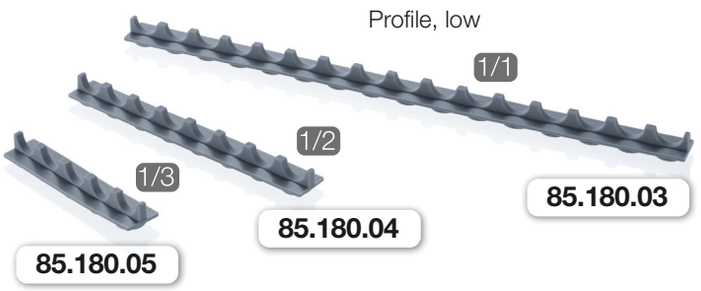


**85.195.00**

**1/1** 275 x 178 x 37



Profile, low

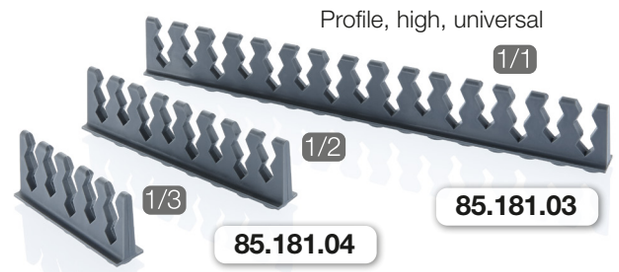



**85.180.03**

**85.180.04**

**85.180.05**

Profile, high, universal

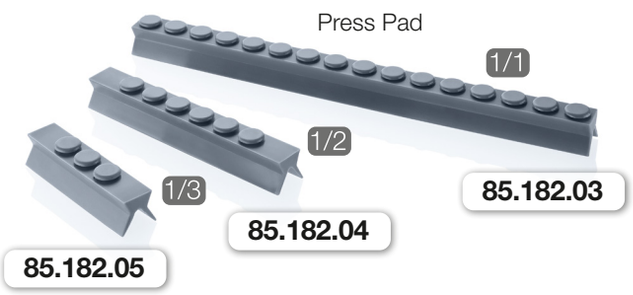



**85.181.03**

**85.181.04**

**85.181.05**

Press Pad




**85.182.03**

**85.182.04**

**85.182.05**

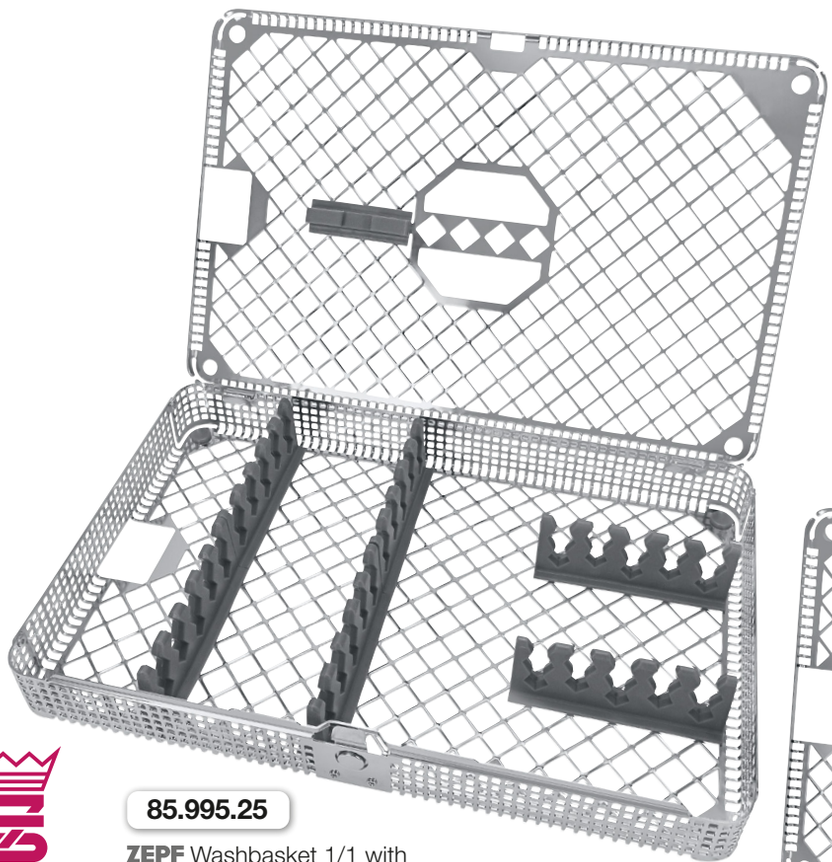
**85.182.08**

Lid Instrument Fixation to fix scissors / needle holders in the washbasket

ZEPF care SYSTEM

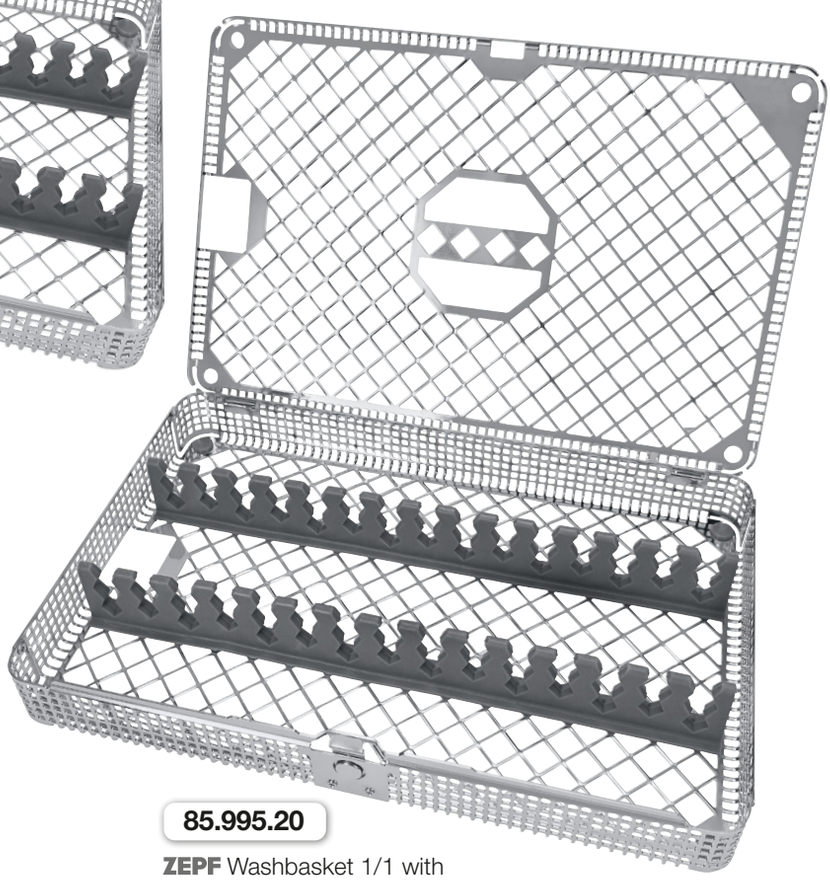
## Pre-assembled **ZEPF** Washbaskets

Dimensions in closed state 275 x 178 x 37 mm



**85.995.25**

**ZEPF** Washbasket 1/1 with
universal silicone profiles for
10 instruments lengthwise and
5 instruments crosswise plus
one pair of scissors in the lid



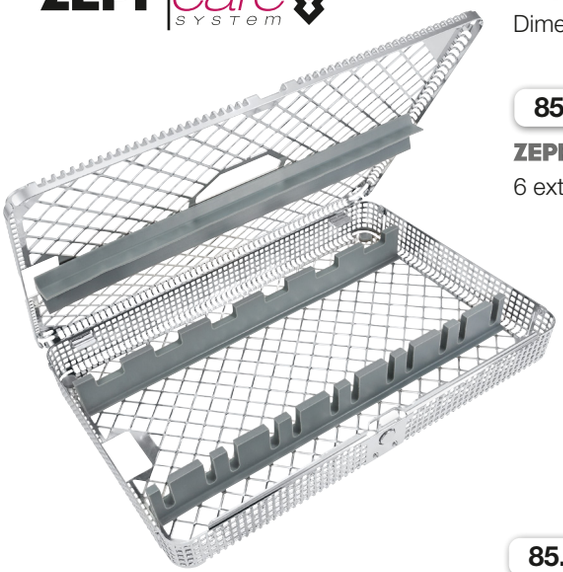
**85.995.20**

**ZEPF** Washbasket 1/1 with
universal silicone profile for
15 instruments lengthwise

ZEPF care SYSTEM

## Pre-assembled **ZEPF** Washbaskets

Dimensions in closed state 275 x 178 x 37 mm

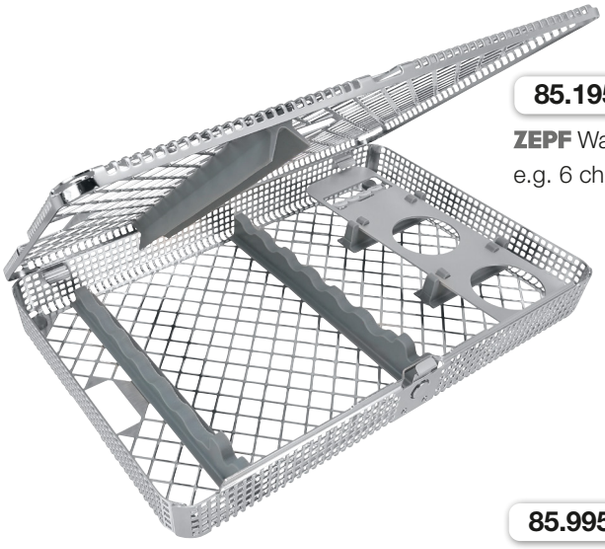


**85.195.03**

**ZEPF** Washbasket 1/1 with universal silicone profile for 6 extraction forceps (XLOG, XCISION...)

**85.195.20**

**ZEPF** Washbasket 1/1 with universal silicone profile for e.g. micro needle holder, micro forceps, micro scissors, papilla elevator, scalpel handle and 8 additional hand instruments

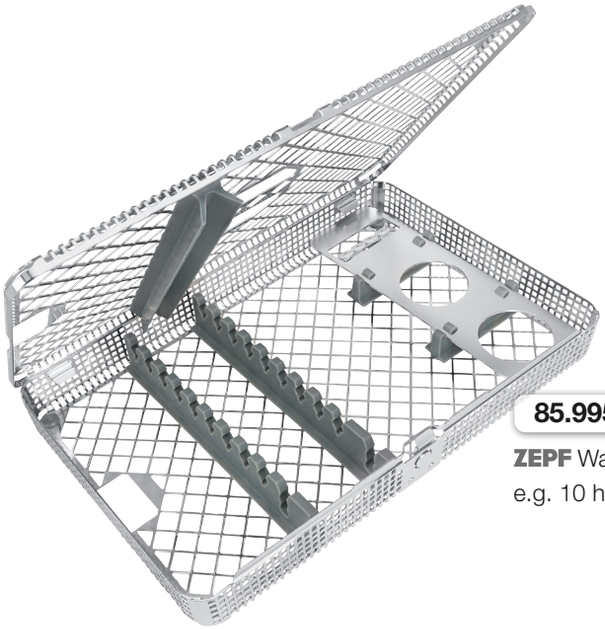


**85.195.60**

**ZEPF** Washbasket 1/1 with universal silicone profile for e.g. 6 chisels, 4 drills, 2 mixing cups and a hand instrument

**85.995.00**

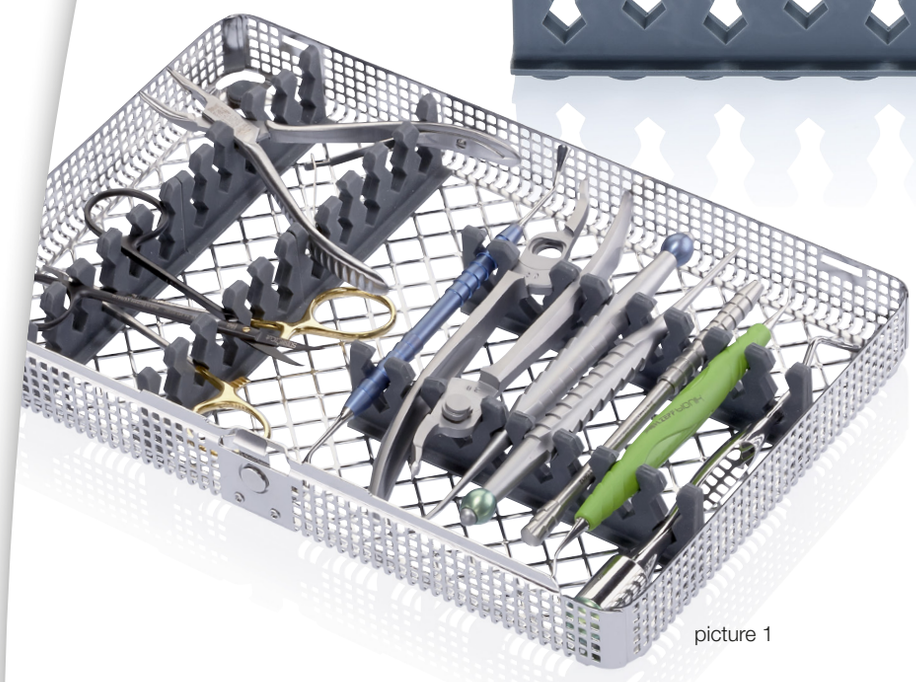
**ZEPF** Washbasket 1/1 with universal silicone profile for e.g. 11 hand instruments,  2 mixing cups and 4 drills



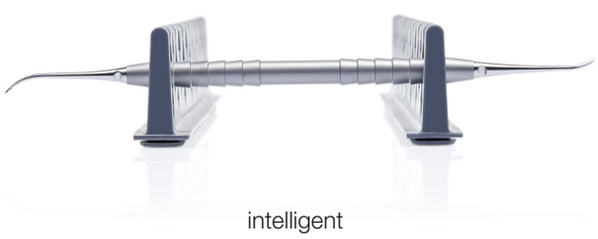
**85.995.01**

**ZEPF** Washbasket 1/1 with universal silicone profile for e.g. 10 hand instruments,  2 mixing cups and 4 drills

Profile, high, universal
(example see picture 1)



picture 1



intelligent

flexible

modular

## Arranged in a practice-oriented way

As a result of the high and low configuration of the profile sections, the instruments can be placed in a space-saving way and can be removed easily.

It is possible to place two instruments above each other in one profile section. Contact of the instruments should be avoided in order to prevent contact corrosion.

## Tip:

The following instrument combinations are **possible** should they contact each other:

- plastic / plastic ✔
- plastic / metal ✔
- titanium / titanium ✔
- titanium / metal ✔

In case of contact, the following instrument combination is **not possible**:

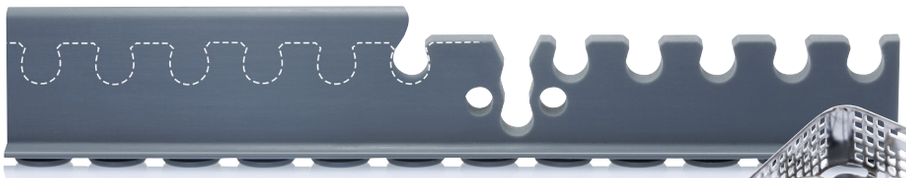
- metal / metal ✘

The modular concept of the three different lengths can be tailored according to your request.

The ‘universal profile’ is compatible with the ‘low profile’ in order to ensure a secure hold of different instrument diameters and variations.

For special cases, we recommend the assembly of our press pad in the lid.

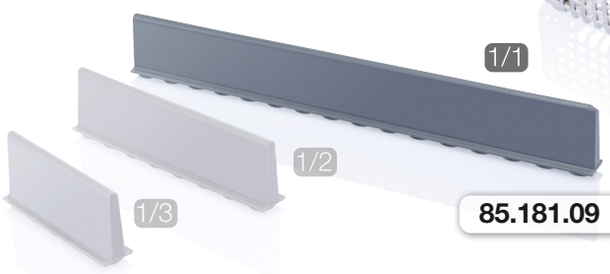
There are no limits set regarding design of your personalized tray.



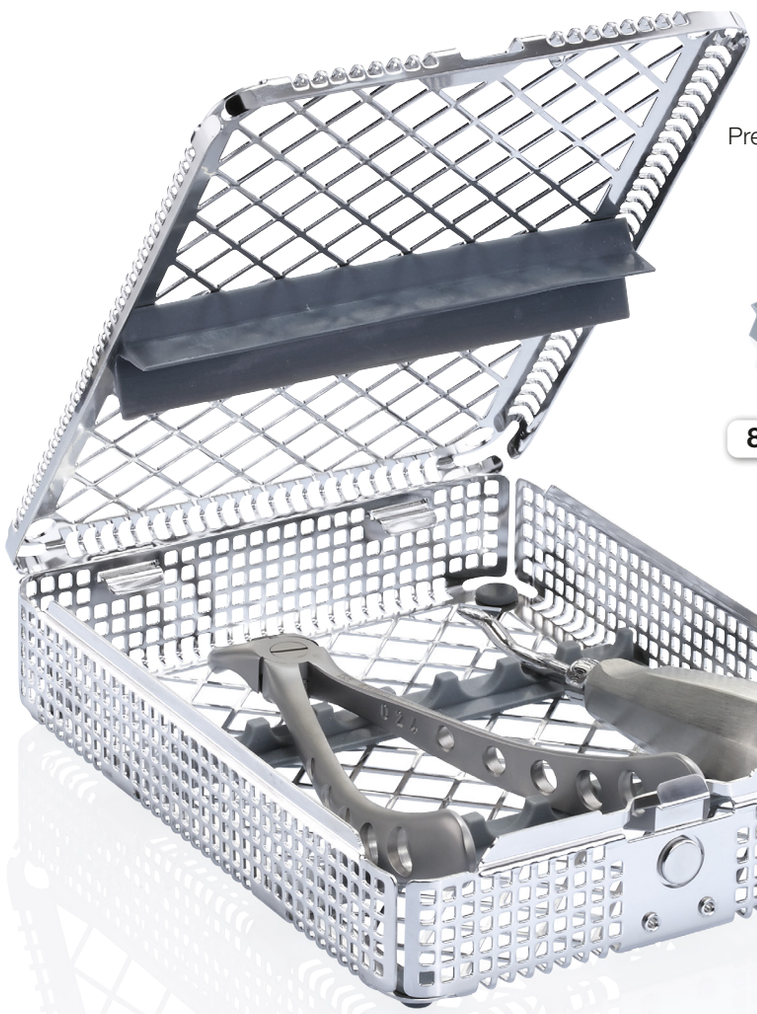
Profile, high, with individual water jet cutting
(example see picture 2)

picture 2

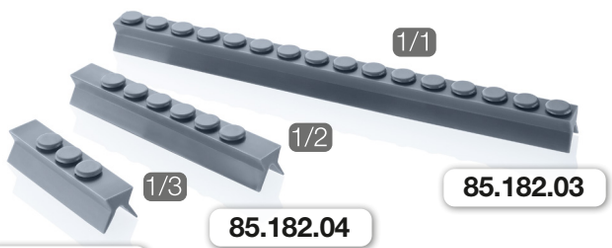
Profile, high, individual




**85.181.09**



Press Pad




**85.182.03**

**85.182.04**

**85.182.05**

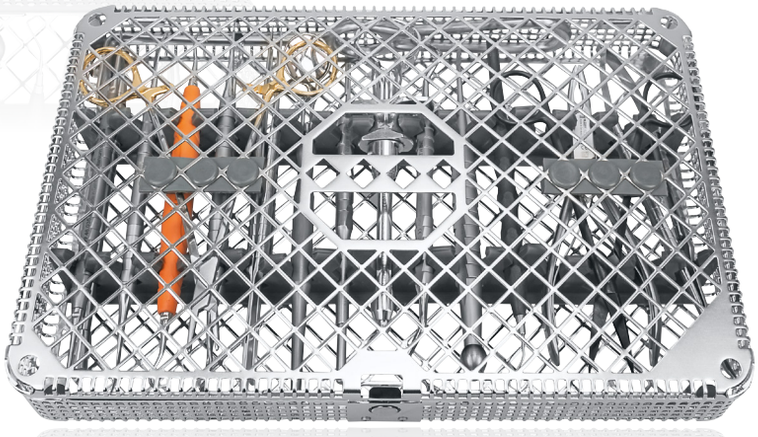
Lid Instrument Fixation to fix scissors / needle holders in the washbasket

**85.182.08**

ZEPF care SYSTEM

## **ZEPF**-Care Washbasket – the Space Wonder

Example: equipped wash basket 1/1



ZEPF care SYSTEM

ZEPF care SYSTEM

## Aluminium Sterilization Container in 5 Sizes

Through the integrated filter in the lid and the base the Sterilization Containers are suitable for all steam sterilization methods:

- fractionized vacuum method
- fractionized steam method
- gravitation method
- pre-vacuum method

Different dimensions and stackability allow easy handling and optimal organization. The containers can be used for storing sterile goods and also for disposing contaminated instruments.

The newly developed latch system prevents accidental opening of the container and assures a simplified handling for the sterilization preparation.

The optimized sealing system assures a safe fixing of the filter.

**Bottom and lid** is perforated, optimized latch system
Dimensions in mm:
**Outside:**
Width 310 / Depth 190 / Height X
**Inside:**
Width 280 / Depth 182 / Height X

**85.327.00**

Height X in mm:
outside 40, inside 35
Capacity:
1 washtray or 0 washbaskets

**85.327.10**

Height X in mm:
outside 65, inside 55
Capacity:
2 washtrays or 1 washbasket

**85.327.15**

Height X in mm:
outside 80, inside 70
Capacity:
2 washtrays or 1 washbasket

**85.327.20**

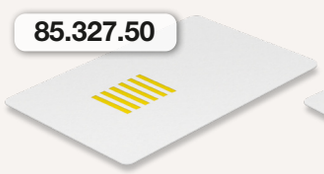
Height X in mm:
outside 100, inside 90
Capacity:
3 washtrays or 2 washbaskets

**85.327.30**

Height X in mm:
outside 130, inside 124
Capacity:
5 washtrays or 3 washbaskets

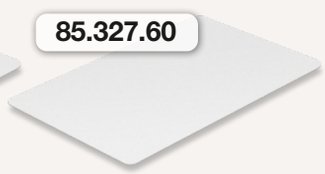
## Accessories

**85.327.50**

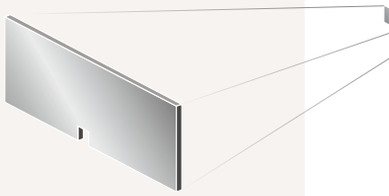


Paper Filter with indicator
235 x 118 mm
PU 100 pieces

**85.327.60**



Teflon® permanent Filter
215 x 95 mm
PU 2 pieces



**85.327.70**

Latch Seal for sterilization containers, plastic, blue,
PU 100 pieces

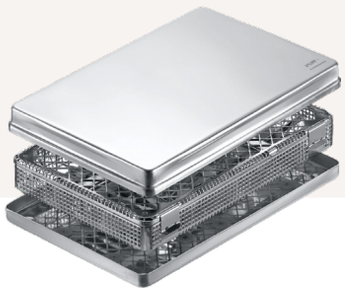
**85.312.XX**

Labelling Tags from aluminium in 9 different colors

**.00** **.03** **.07**
**.01** **.04** **.08**
**.02** **.05** **.09**

## Dental-Tray Cassette

All Dental-Tray Cassettes are compatible to our Washtray and Washbasket System, shown on pages **10-02** to **10-04**.



### 1/2

**85.142.20**
Norm-Tray-Cassette-Deckel **1/2**, ungelocht, 180 x 340 x 25 mm

**85.142.10**
Norm-Tray-Kassetten-Boden **1/2**, gelocht, 180 x 340 x 19 mm

### 1/1

**85.145.00**
Norm-Tray-Cover **1/1**, non perforated, 280 x 180 x 25 mm

**85.150.00**
Norm-Tray-Bottom **1/1**, perforated, 284 x 183 x 17 mm

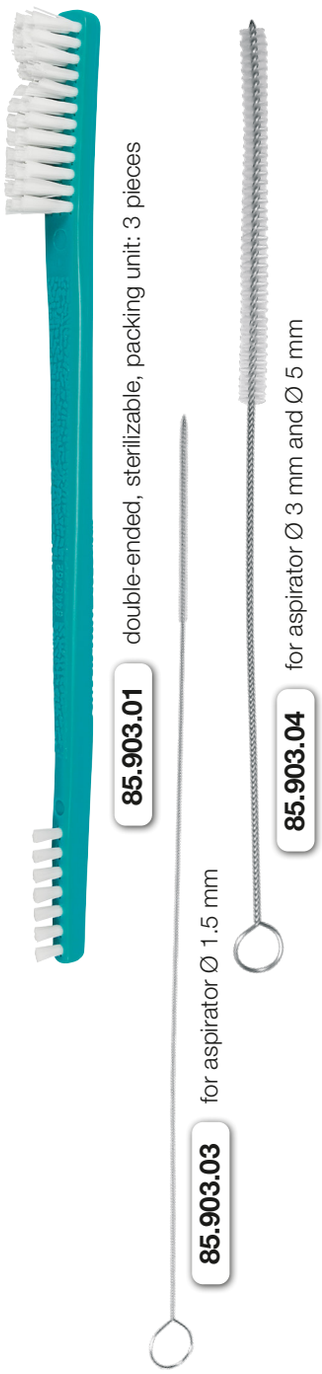
**85.140.00**
Norm-Tray-Bottom **1/1**, non perforated, 284 x 183 x 19 mm

## Brushes

with nylon bristles

**PROBLEM: Metal brushes**
They destroy the passive layer of the instrument surface!

**SOLUTION: Brushes with nylon bristles**



## ZEPF Medicine Cups

**85.252.25**

Medicine Cup, stainless steel,
Ø 60 mm x 27 mm high,
25 ccm

**85.251.04**

Medicine Cup, stainless steel,
with plastic lid,
Ø 40 mm x 30 mm high.
usable on both sides

**85.251.03**

Medicine Cup, stainless steel,
with plastic lid,
Ø 40 mm x 25 mm high,
usable on both sides

## Medical White Oil

in a dispensing bottle and in an oil pen

**24.950.12**

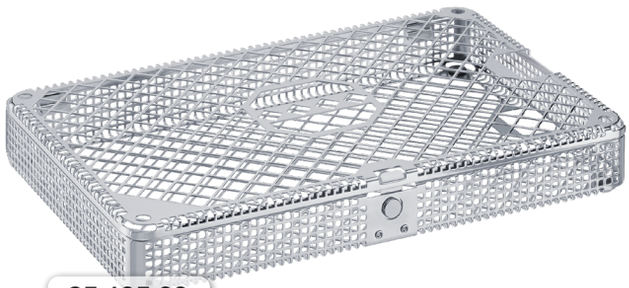
Oil Pen, 18 ml

**24.950.10**

Dispensing bottle, 50 ml

## Washbasket for the ZEPF CMF SYSTEM

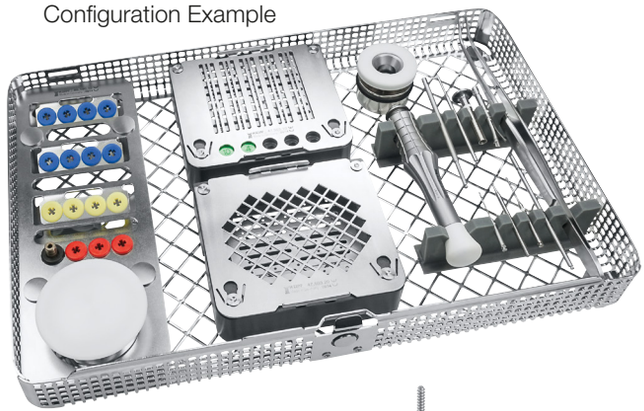
Following the Zepf-Care Series, the modularly composable components for the **ZEPF** CMF SYSTEM were developed, offering a washbasket with appropriate combination options. The actual tools can be organized depending on the desired diameter.
This guarantees an RKI compliant reprocessing of the CMF SYSTEM.



**85.195.00**
Washbasket 1/1 as rack for the remaining components

**85.190.10**
Universal Instrument Rack

Configuration Example

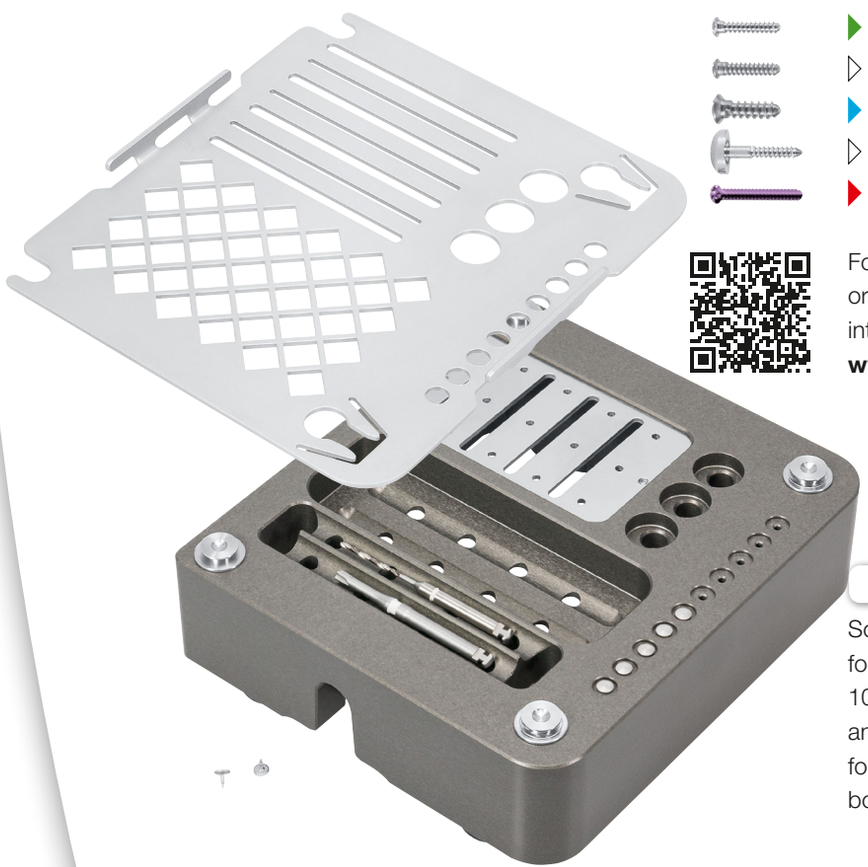


## CMF SYSTEM
*CRANIO MAXILLOFACIAL FRACTURE SYSTEM*

### Now with ZEPF Umbrella Screws

- Ø 1.0 mm STEEL
- Ø 1.2 mm CMS Titanium
- Ø 1.5 mm MICRO Titanium
- Ø 1.2 mm UMBRELLA STEEL
- Ø 1.4/1.9 mm EMERGENCY Titanium

For detailed information just **scan!** or request our product flyer on the internet at **www.zepf-dental.com**.



**47.503.50**
Screw and Pin Box
for 3 x 5 screws Ø 1.0,
10 membrane pins
and a small storage space
for instruments, membranes,
bone plates etc.

**ZEPF** Screwdriver Handle, with blade

## Alphabetical Index

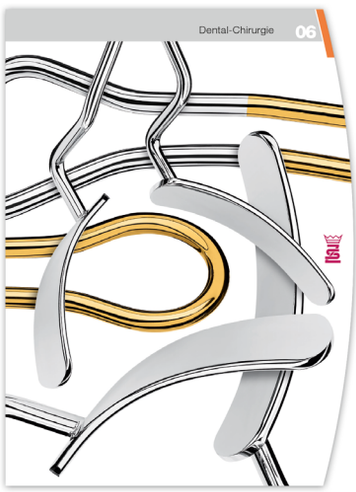
Pages **11-02** to **11-06**

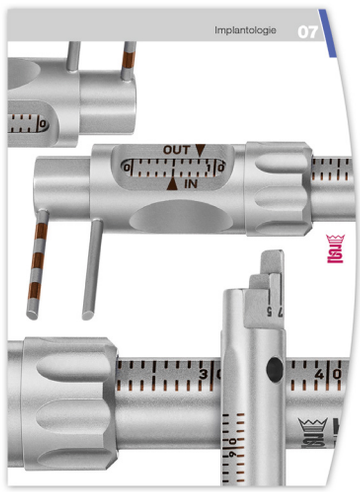
## Numerical Index

Pages **11-07** to **11-19**

## Terms of Delivery and Payment

Page **11-20**



**A**

All-purpose Handles M2.5 02-07
Adenoid Curette 07-19
Adson Forceps 06-05
Adson Micro Forceps 06-04
Allen Key 06-32, 09-11
Allis Tissue Forceps 06-06
All-Purpose Forceps 09-04
All-Purpose Pliers 04-23
Alveolar Ridge Measuring Caliper 07-41
Anatomic Forceps 03-44, **06-02**
Anatomical Plate Forceps 03-44
Antrum Probe 06-47
Apical Root Elevator 05-59
Approximal Desmotome 05-50
Arkansas, Original Sharpening Stone 03-41
Articulating Forceps 04-19
Aspirator **06-44**, 07-29, 07-31
Aspirator with Luer Essey 03-44
Atraumatic Surgical Forceps 06-04
Atraumatic Tissue Forceps 06-03, 08-15
ATTIN Compo Knife 04-08
Augmentation Kit 07-36- 07-37
Augmentation Material Applicator 07-38

**B**

Back Action Chisel **03-39**, 07-15
Backhaus Towel Clamp 06-06
Ball-shaped Plugger 04-11
Bauer Crown-Spreading Pliers 09-03
Beck Atraumatic Forceps 06-03
Beck Extracting Forceps 05-29 - **05-33**
Beck Root Elevator 05-53
Beck Suture Removal Scissors 08-11
Beebee Crown Scissors 06-40
Bein Elevator 05-52
Benex Extraction 05-03 - 05-08
Benex Pole Extractor 05-05, 05-07
Benex SinusLift 07-25
Beyer Bone Rongeur Forceps 06-27
bionik 03-03
bionik End Cap 03-05
bionik Gracey M5 Prophylaxis Set 03-11
bionik Handle 02-04, **03-04** - 03-05
bionik Mouth Mirror Handle 03-04 - 03-05
bionik Reduction Insert 03-05
bionik Sickle Curette 03-11
bionik Sickle Scaler 03-10 - 03-11
Blade Holder 06-29 - 06-32, 08-16
Blade Holder 3D 06-32
Blade Holder Drop-Control 06-29
Blade Remover 06-30 - 06-31
Blumenthal Bone Rongeur Forceps 06-26
Böhler Bone Rongeur Forceps 06-28
Bone- & Alveolotomy File 06-48
Bone Caliper 07-41
Bone Crusher 07-23
Bone Cutting Forceps 06-28
Bone Expander System 07-10
Bone Fitting Set 07-15
Bone Grafting Kit 07-24
Bone Holding Forceps 06-51
Bone Mill 07-22
Bone Mill Forceps 07-23
Bone Rongeur Forceps 06-26 - 06-28
Bone Scraper 07-07
Bone Scraper II 07-07
Bone Splitting System by Vollmer Valentin 07-12 - 07-13
Bowdler-Henry´s Rake 06-14
Bowl 06-46
Brozio Anatomical Plate Forceps 03-44
Brush 10-12
Brush Holder 04-18
Brush Holder CompoSMOOTH 04-06 - 04-07
Bur Stand 07-20

**C**

Cannula 06-46
Cartridge Syringe 06-45 - 06-46
Carving Instrument 09-09
Cawood-Minnesota Cheek Retractor 06-09
Cement Spatula 04-13
Cheek and Lip Rectractor 06-10 - 06-11
Cheek Retractor 02-09, 06-09, 06-13, 06-17
Cheek Retractor / Photography Retractor 02-09
Cheek Retractor Onyx 02-09
Chisel 07-13, 07-15
Chompret Syndesmotome 05-58
Cleaning Instrument 07-21
Cleveland Bone Cutting Forceps 06-28
Cleveland Bone Rongeur Forceps 06-27
CMF System 10-14
CMF-Box 10-14
Columbia Universal Curette 03-26 - 03-27
Compo Knife ATTIN 04-08
Composite Instrument 04-04 - 04-05, 04-07
Composite Set 04-03
CompoSMOOTH 04-03, **04-06** - 04-07
Condenser 04-12
Cooley Micro Forceps 08-14
Cotton Plugger 06-47
Cow Horn Probe 02-12
Crile-Wood Needle Holder 06-43
Crown Butler 09-06
Crown Forceps 09-04
Crown Holding Pliers 09-07
Crown Lever 09-07
Crown Remover automatic 09-06
Crown Ring Remover 09-06
Crown Scissors 06-40, 06-48
Crown-Extraction Pliers 09-05
Crown-Spreading Pliers 09-03
Crown-Tractor 09-05
Cryer Root Elevator 05-61
Curette Gracey bionik 03-16, 03-24 - 03-25
Curette Gracey bionik nanopal 03-10
Curette Gracey Z-Shape nanopal 03-10
Curette Titanium 03-28 - 03-29
Curette Universal bionik 03-18, 03-22, 03-26, 03-27, 03-42
Curette Universal stainless steel 03-34

**D**

De Bakey Forceps 06-02
Dean Scissors 06-38
Deep Scaling 03-10 - 03-11
Denhart Mouth Retractor 06-11
Dental-Tray Cassette 10-12
Derf Needle Holder 06-43

Desmotome 05-42 - 05-43
Diamond Drill 07-29, 07-31
Diamond-Tipped Jaws 09-08
Diatrac 09-05
Disimpaction Forceps 06-11
Double-Action Instrument 08-09
Dressing Forceps 06-06, 08-15
Drilling Template 07-39
Drop-Control Blade Holder 06-29

**E**

Easy Contact Point Instrument 04-21
ECO ImplaTool Set 07-03 - 07-06
Elevator 06-25, 06-21, 06-23
Elevator for axial luxation 05-57
Endo Handle 03-46
Endo Plugger 03-45
Endo Set 03-4 - 03-432
Endo-Control 03-46
Endodontic Mirror 03-45
Excavator 04-14
Excavator 04-15
Exlog RoBa Extracting Forceps 05-35 - 05-38
Explantation Pliers 07-11
Explorer 11/12 03-13
Extracting Forceps 05-09 - 05-38
Extracting Forceps, American Pattern 05-22 - 05-27
Extraction System Benex 05-03 - 05-08

**F**

Fahnenstock 09-09
Fedi Periodontal File 03-38
Ferrozell Hammer 06-53
Filling Instrument Composite 04-04 - 04-05, 04-07
Finger Protector 06-08
Finishing Clamp 04-22
Flag Holder Set 07-38
FLEX-EX Power Periotome 05-49
Flohr Root Elevator 05-56
Forceps 06-02 - 06-05, 08-15
Forceps Anatomic 03-44, **06-02**
Forceps Atraumatic 06-03 - 06-04
Forceps Micro Cooley 08-14
Forceps Surgical 06-02 - 06-05
Fracture Splint 06-49
Frazier Suction Cannula 06-46
Freer Elevator 06-21
Furcation Probe 03-13

**G**

Gärtner Root Elevator 05-52, 05-58
Gerald Forceps 06-05
Giesenhagen One Step Augmentation & Implantation 07-18 - 07-19
Gillies Forceps 06-05
Gingiva Retractor 06-32
Gingivectomy Knife 03-36 - 03-37
Gingivectomy Scissors 06-36
Glickmann Raspatory 06-25
Gluckman Bone Holding Forceps 06-51
Goldman-Fox Gingivectomy Knife 03-36 - 03-37
Goldman-Fox Scissors 06-37
Gracey Curette bionik 03-24 - 03-25
Gracey Curette stainless steel 03-32 - 03-33
Gracey M5 03-10 -03-11
Gracey M5 Prophylaxis Set 03-10 - 03-11
Gracey M5 Titanium Curette 03-29
Gross Dressing Forceps 06-06

**H**

Haemostatic Forceps 06-06 -06-07
Halstead Micro Haemostatic Forceps 06-07
Halstead-Mosquito Haemostatic Forceps 06-07
Hammer **06-52** - **06-53**, 07-14
Handle bionik M2.5 02-04, 03-05
Handle bionik M4 x 0.5 02-04
Handle Comparison M2.5 02-05
Handle Comparison M4 x 0.5 03-08
Handle Universal M2.5 02-07
Handle Universal M4 x 0.5 03-04
Handle Z-SHAPE M4 x 0,5 03-06 - 03-07
Hartmann Haemostatic Forceps 06-07
Heidbrink Root-Splinter Elevator 05-55
Heidemann Spatula 04-13
Hemingway Sharp Spoon 06-22
Hildebrand H-Tool Set 05-44 - 05-45
Hildebrand Luxation Elevator 05-39 - 05-48
Hilger Retractor 02-07, 06-08
Hirschfeld Periodontic Files 03-36
Hohl Hildebrand Bone Fitting Set 07-15
Hold'n'Cut Micro Needle Holder **08-13**, 08-18
Hollow Cylinder Osteotome 07-16
H-Tool Set 05-44 - 05-45
Hygienist Scaler bionik 03-23, 03-30
Hygienist Scaler stainless steel 03-35
Hylin Root Elevator 05-58

**I**

ID Plug 03-04
IDR Kit / Dr. Rosa 07-08 - 07-09
Impac Tray acc. to PD Dr. Weng 08-17 - 08-19
Implant Guide 07-39
IMPLANT-EX 07-11
ImplaTool Set 07-03 - 07-06
Impression Tray 04-16
Inlay Forceps 09-05
Inter-Implantory Wedges 07-14
Ivory 04-10

**J**

Jones Towel Clamp 06-07
Joseph Scissors 06-35
Junior Matrix Retainer 04-19

**K**

Kahn Probe 08-08
Kaplan Mini Scaler 03-30
Kapogianni Vestibulum Retractor 06-20
Kelly Haemostatic Forceps 06-06
Kelly Scissors 06-34
Kim Retractor 06-13
Kirkland Gingivectomy Knife 03-36
Kirsch Micro Needle Holder 08-11
Kirsch Plugger 07-31, 07-33 - 07-35
Kirsch Sinus Lift Set 07-32
Kirsch Sinus Lift Set SMALL 07-35
Kirsch Spoon 07-31, 07-33, 07-35
Klingex Safety Blade Remover 06-31

Knife / Raspatory 06-25
Knife, Palatal 07-42
Kocher Haemostatic Forceps 06-07
Kocher-Langenbeck Retractor 06-16
Krastl CompoSMOOTH 04-03, **04-06** - **04-07**
Krekeler Sliding Caliper 07-40

**L**

La Grange Scissors 06-35
Langenbeck Finger Protector 06-08
Langenbeck Retractor 06-17
Langer Universal Curette 03-27
Langer Universal Curette stainless steel 03-34
Laster Special Retractor 06-20
Lexer Mini Gouge 07-09
Lexer Mini Osteotome 07-09
Lichtenberg-Ryder Needle Holder 06-41
Lindo-Levien 05-48
Lindo-Levien Root Elevator 05-54
Lipcare Mouth Mirror 02-06
Locklin Scissors 06-39
London College Tweezers 03-44, 06-10 - 06-11
Lucas Scraper 05-46, **06-22**
Luer Bone Rongeur Forceps 06-26
Luer Connector 03-44
Luniatschek Cotton Plugger 06-47

**M**

M5 Deep Scaling Set 03-17
M5 Titanium Curette 03-29
Macro Needle Holder 08-12
Magnetic Stick 03-40
Mathieu Needle Holder 06-41
Matrix Band 04-19
Matrix Retainer 04-19
Maty Cheek and Lip Rectractor 06-10
Maty Suction Tube 07-31
Mayo-Hegar Needle Holder 06-42
McCall Universal Curette 03-26
Mead Hammer 06-52
Medical Probe 02-12
Medical White Oil 10-13
Medicine Cup 10-13
Meriam Tweezers 06-10
Merrifield Gingivectomy Knife 03-37
Metzenbaum Preparation Scissors 06-38
Metzenbaum-Fino Scissors 06-39
Micro Blade Holder 08-16
Micro Bone Rongeur Forceps 06-26
Micro Composite Spatula 04-09
Micro Forceps 08-09, **08-14** - 08-15
Micro Friedmann Bone Rongeur Forceps 06-26
Micro Instrument Set 08-20
Micro Mirror 03-45
Micro Needle Holder 08-09, **08-11** - 08-13, 08-18
Micro Scalpel Blade 08-16
Micro Scalpel Handle 08-16
Micro Scissors 08-10
Micro Sinus Plugger 07-29
Micro Sinus Spoon 07-29
Micro Surgical Scalpel Blade 06-31
Micro Tissue Forceps 08-14
Micro-Adson Forceps 06-04
Micro-Halstead Haemostatic Forceps 06-07
Middeldorpf Retractor 06-15
Miller Bone- & Alveolotomy File 06-48
Miller Crown Ring Remover 09-06
Miller Root Elevator 05-57
Milling Part for Bone Mill 07-22
Mini Friedmann Bone Rongeur Forceps 06-27
Mini-Kaplan Scaler 03-30
Mirror for Photography 06-50
Mirror Handle M2.5 02-05
Mirror Micro 03-45
Mixing Cup
07-19, 07-29, 07-31, 07-33, 07-35, 07-37, **10-13**
Mizani Palatal Knife 07-42
Mobilization Hook 06-15
Modeling Instrument 09-09
Molt 06-24
Molt Mouth Prop 06-11
Mouth Gag 06-08
Mouth Mirror 02-06
Mouth Prop 06-11
Mucosa Membrane Punch 07-20
Müller Retractor 06-08
Müller Vestibulum Retractor 06-13

**N**

Nabers Furcation Probe 03-13
Nanopal coating 02-03, 03-06, 03-10 - 03-11
Needle Holder 06-41 - 06-43
Needle Holder Lichtenberg 06-41
Needle Holder Micro 08-11 - 08-13
Needle Holder Swedish Model 06-42
Nerve-Canal Pliers 03-44
Nizam Ring Punch 07-21
Norm-Tray Cassette 10-12

**O**

Obwegeser Retractor 06-14, 06-19
Obwegeser Soft Tissue Hook 06-18
Ochsenbein Periodontal Chisel 03-38
Ochsenbein Periodontal Chisel 03-39
One Step Augmentation & Implantation Set 07-18 - 07-19
Onyx RoBa Extracting Forceps 05-31 - 05-33
Onyx Scissors **06-33** - **06-38**, 08-10
Onyx Xtool 05-40 - 05-43
Osteotome 07-16 - 07-17
Osteotome Set 07-16 - 07-17

**P**

PA Probe 03-03, 03-12 - 03-15
Palatal Knife 07-42
Papilla Elevator 06-32, 08-16
Papillex 06-32
Pear-shaped Plugger 04-10
Pedodontic Extracting Forceps 05-28, 05-34
Peet Splinter Forceps 03-45, 04-23
Perforation Raspatory 07-37
Periodontal Chisel 03-38 - 03-39
Periodontal Probe 03-03, 03-14
Periodontal Probe exchangeable 03-12 - 03-13, 03-15
Periodontal Set 03-23
Periodontic Files 03-36
Periosteal Elevator 06-23, 06-25
Periotome 05-49 - 05-51
Periotome, exchangeable inserts 05-50

Photography Mirror 06-50
Photography Retractor 02-09
Photography Retractor Onyx 02-09
Pin Applicator 07-37
Pin Box 10-14
Pin Membrane Probe 07-37
Plain Milling Cutter 07-19
Plate Forceps 03-44
Plugger 03-45, 04-10, 07-31, 07-33, 07-35
Potts Smith Forceps 06-05
Power Periotome 05-49
Preparation Scissors 06-38
Press Pad 10-09
Prichard Arrester 06-24
Prichard Raspatory 06-24
Probe 02-12, 03-03, 06-47
Probe acc. to Kahn 08-08
Probe Tip interchangeable 02-07
Profile 10-04
Profile 10-05
Profile, individual 10-09
Prophylaxis Set 03-10 - 03-11
Prophylaxis Set 'Bionik' 03-18, 03-23
Prophylaxis Set 'M5 Deep Scaling' 03-17
Prophylaxis Set 'Universal' 03-18, 03-22
Prophylaxis-Set 'Gracey' 03-16
Prosthetic Kit 09-10 - 09-11
Proximator Xtool Elevator 05-41 - 05-43

**Q**

QuickFix 02-03, 03-03, 03-06 - 03-07

**R**

Ragnell-Davis Retractor 06-15
Rake Retractor 06-14
Ramus Retractor 06-18
Raspatory 06-21 - 06-25
Raspatory / Periosteal Elevator 06-23
Ratchet for Prosthetic Kit 09-11
Removing Pliers 09-07
Retraction-Thread Plugger **04-20**, 06-47
Retractor 02-07, **06-08** - **06-20**, 06-24
Retractor "Whale Fin" 06-12
Retractor acc. to Kim 06-13
Retractor and Mouth Mirror 02-08
Retractor double-ended 06-24
Revolving Chisel Vienna Pattern 05-60
Rhodes Back Action Chisel 03-39
Ring Applicator 07-19
Ring Breaker 07-19
Ring Punch Nizam 07-21
RoBa Extracting Forceps 05-29 - 05-34
RoBa Pedodontic Extracting Forceps 05-34
Rochester-Pean Haemostatic Forceps 06-07
Rongeur 06-26 - 06-28
Root- and Splinter Forceps 05-19
Root Canal Explorer 03-46
Root Canal Plugger 03-46
Root Elevator 05-52 - 05-59
Root Elevator No. 195 05-54
Root-Splinter Elevator 05-55
Rubber Dam Forceps 04-17
Rubber Dam Frame 04-17
Rubber Dam Punch Forceps 04-17
Ruler 07-41
Ruskin-Liston Bone Cutting Forceps 06-28
Ryder Needle Holder 06-43

**S**

Safety Blade Remover 06-30 - 06-31
Safety Key 03-09
Scaler bionik 03-30 - 03-31
Scaler stainless steel 03-35
Scalpel Handle 08-16
Scalpel Handle / Blade 06-30 - 06-32
Scalpel Handle with scale 06-31
Scalpel Micro 06-31
Schäfer Retractor 06-17
Scissors 06-33 - 06-40
Screw Box 10-14
Screw Rack 10-14
Seldin Elevator 06-21
Seldin Root Elevator 05-56
Semken Forceps 06-03
Semken-Taylor Forceps 06-02
Senior Matrix Retainer 04-19
Senn-Miller Retractor 06-15
Separating Disc 07-14
Shakibaie-M. Micro Sinus Aspirator 07-29
Shakibaie-M. Sinus Lift Set 07-27 - 07-29
Sharp Spoon 06-22
Sharpening Oil 03-40
Sharpening Stone 03-41
Sickle Scaler bionik 03-30 - 03-31
Sickle Scaler stainless steel 03-35
Silicone Mouth Gag 06-08
Sinus Elevator 07-26 - 07-35
Sinus Elevator SMALL 07-34
Sinus Instrument 07-26 - 07-35
Sinus Instrument SMALL 07-34
Sinus Lift Set 07-27 - 07-32
Sinus Lift Set SMALL 07-35
SinusLift Elevators 07-25
Sinus-Line Aspirator **06-44**, 07-29, 07-31
Sliding Caliper 07-40
Small Extracting Forceps 05-28, 05-34
Soft Application Insert 04-06
Soft Tissue Hook 06-18
Soft Tissue Micro Instrument Basic Set 08-20
Spatula 04-12
Special Curette bionik 03-16 - 03-17, 03-24 - 03-25
Special Curette stainless steel 03-32 - 03-33
Spencer Scissors 06-39
Spiculum Raspatory 06-24
Spina-Nasalis Retractor 06-19
SpinLock 08-09
Splint 06-49
Splinter Forceps 03-44
Spoon 07-31, 07-33, 07-35
SRC Kit 08-03 - 08-05
Sterilization Container 10-11
Sternberg Lip Retractor 06-11
Stiller Sinus Lift Set 07-30 -07-31
Storage Box for Pins 07-37
Suction Cannula 06-46
Supercut 06-34
Surgical Aspirator 03-44, **06-44**
Surgical Scissors 06-40

Suture Applicator 04-20
Suture Forceps 06-02
Suture Forceps Micro 08-15
Suture Removal Scissors 08-11
Syfrig Benex Extraction System 05-03 - 05-08
Syringe 06-45 -06-46

**T**

Tampon Plugger 06-47
Taylor Scaler 03-31
Telecrown-Grip 09-08
Tele-Grip 09-04
Telescope Crown Pliers 09-08
Template, drilling 07-39
Temporary Crown Remover 09-07
Tessier Mobilization Hook 06-15
Test Probe, Acryl 03-40
Thread Plugger 04-20
Tissue Forceps 06-02 - 06-06, 08-14
Tissue Forceps Atraumatic 08-15
Titanium Curette 03-28 - 03-29
Titanium Milling Part 07-23
Titanium Pin 07-37
Tofflemire Matrix Band 04-19
Tofflemire Matrix Retainer 04-19
Tongue Depressor 06-14
Torx 09-11
Towel Clamp 06-06 - 06-07
Tower Point Scissors 06-39
Towner / Jacquette Scaler stainless steel 03-35
Trephine 07-19 - 07-20
Tungsten Carbide 06-34
Tunneling Instrument 08-06 - 08-08
Tweezers 06-10 - 06-11
Tweezers anatomical 03-44
Twist-Ex Extracting Forceps Kit 05-20 - 05-21

**U**

Umrella Screw 10-14
Universal Crown Scissors 06-40
Universal Curette bionik 03-26 -03-27
Universal Curette stainless steel 03-34
Universal Forceps **04-23**, 09-04
Universal Handle for Prosthetic Kit 09-10
Universal Prophylaxis Set 03-18, 03-22
Universal Titanium Curette 03-28
Universal Tweezers 04-23

**V**

Vestibulum Retractor 06-13, 06-20
Vienna Revolving Chisel 05-60
Vise 03-40
Vollmer Hammer **06-52**, 07-14
Vollmer Valentin Bone Splitting System 07-12 - 07-13

**W**

Washbasket 10-05
Washtray 10-04
Wax Carver 09-09
Wedge Applicator 07-14
Wedges 07-14
WEN Tension Release Comb 06-25
Weng Impac Tray 08-17 - 08-19
Weng Needle Holder 08-18
Weng Papilla Elevator 08-16
Whale Fin Retractor 06-12
WHO Probe 03-14
Wieder Tongue Depressor 06-14
Williger Raspatories 06-21
Winter Root Elevator 05-61
Wire and Ligature Pliers 06-49
Wire Cutting Pliers 06-48 - 06-49
Wire Sizing / Ligature Pliers 06-49
Witzel Root-Splinter Forceps 05-18

**X**

Xcision Extracting Forceps 05-09 - 05-21
Xtool Luxation Elevator 05-39 - 05-48
Xtool Set 05-46 - 05-47

**Z**

Zaufal-Jansen Bone Rongeur Forceps 06-27
ZEPF-Care System 10-03 - 10-11
Zepf-Line Periotome 05-51
Z-SHAPE Handle 03-06 -03-07
Z-Shape Gracey M5 Prophylaxis Set 03-10 -03-11
Z-Shape Handle, single-ended 02-03
Z-Shape Sickle Curette 03-11
Z-Shape Sickle Scaler 03-10 - 03-11

# Numerical Index

**Pages 11-07 to 11-19**

CE All medical devices indicated here bear the CE mark.
For products higher than Class I, the identification number of the notified body is also shown.

| | |
|---|---|
| **08.525.16** | 07-10 |
| **08.902.031HF** | 07-31 |
| **08.906.014C** | 07-29 |
| **08.906.016C** | 07-29 |
| **08.906.018C** | 07-29 |
| **08.906.023C** | 07-31 |
| **08.906.029C** | 07-31 |
| **08.910.01** | 07-20 |
| **08.910.02** | 07-20 |
| **08.910.03** | 07-20 |
| **08.910.04** | 07-20 |
| **08.910.05** | 07-20 |
| **08.910.06** | 07-20 |
| **08.910.07** | 07-20 |
| **08.910.08** | 07-20 |
| **08.910.08F** | 07-19 |
| **08.910.08S** | 07-19 |
| **08.910.09** | 07-20 |
| **08.910.09F** | 07-19 |
| **08.910.09S** | 07-19 |
| **08.910.10** | 07-20 |
| **08.910.10F** | 07-19 |
| **08.910.10S** | 07-19 |
| **08.910.11** | 07-20 |
| **08.910.11F** | 07-19 |
| **08.910.11S** | 07-19 |
| **08.910.12** | 07-20 |
| **08.910.13** | 07-20 |
| **08.910.13F** | 07-19 |
| **08.910.13S** | 07-19 |
| **08.910.22** | 07-19 |
| **08.911.30** | 07-20 |
| **08.912.10** | 07-20 |
| **08.912.50** | 07-20 |
| **08.912.75** | 07-20 |
| **08.917.00** | 07-38 |
| **08.917.05** | 07-38 |
| **08.917.07** | 07-38 |
| **08.917.13** | 07-38 |
| **08.917.20** | 07-38 |
| **08.920.03** | 07-20 |
| **08.920.04** | 07-20 |
| **08.920.05** | 07-20 |
| **08.920.06** | 07-20 |
| **08.920.13** | 07-20 |
| **08.920.16** | 07-20 |
| **08.921.00** | 07-21 |
| **10.681.07** | 05-28 |
| **10.681.13** | 05-28 |
| **10.681.22** | 05-28 |
| **10.681.29** | 05-28 |
| **10.681.33** | 05-28 |
| **10.681.51** | 05-28 |
| **10.681.52** | 05-28 |
| **10.685.07** | 05-34 |
| **10.685.07ZD** | 05-34 |
| **10.685.13** | 05-34 |
| **10.685.13ZD** | 05-34 |
| **10.685.22** | 05-34 |
| **10.685.22ZD** | 05-34 |
| **10.685.29** | 05-34 |
| **10.685.29ZD** | 05-34 |
| **10.685.33** | 05-34 |
| **10.685.33ZD** | 05-34 |
| **10.685.51** | 05-34 |
| **10.685.51ZD** | 05-34 |
| **10.685.52** | 05-34 |
| **10.685.52ZD** | 05-34 |
| **12.002.00Z** | 05-11 |
| **12.002.00ZD** | 05-11 |
| **12.007.00Z** | 05-11 |
| **12.007.00ZD** | 05-11 |
| **12.013.00Z** | 05-12 |
| **12.013.00ZD** | 05-12 |
| **12.017.00Z** | 05-11 |
| **12.017.00ZD** | 05-11 |
| **12.018.00Z** | 05-11 |
| **12.018.00ZD** | 05-11 |
| **12.021.90Z** | 05-14 |
| **12.021.90ZD** | 05-14 |
| **12.022.00Z** | 05-13 |
| **12.022.00ZD** | 05-13 |
| **12.033.01Z** | 05-12 |
| **12.033.01ZD** | 05-12 |
| **12.034.00Z** | 05-14 |
| **12.034.00Z** | 05-20 |
| **12.034.00ZD** | 05-14 |
| **12.034.01Z** | 05-14 |
| **12.034.01ZD** | 05-14 |
| **12.034.07Z** | 05-16 |
| **12.034.08Z** | 05-16 |
| **12.035.00Z** | 05-14 |
| **12.035.00Z** | 05-20 |
| **12.035.00ZD** | 05-14 |
| **12.035.01Z** | 05-14 |
| **12.035.01ZD** | 05-14 |
| **12.035.07Z** | 05-16 |
| **12.035.08Z** | 05-16 |
| **12.036.00Z** | 05-15 |
| **12.036.00Z** | 05-21 |
| **12.036.00ZD** | 05-15 |
| **12.036.01Z** | 05-15 |
| **12.036.01Z** | 05-21 |
| **12.036.01ZD** | 05-15 |
| **12.036.07Z** | 05-16 |
| **12.036.08Z** | 05-16 |
| **12.044.15Z** | 05-17 |
| **12.044.15ZS** | 05-17 |
| **12.045.15Z** | 05-17 |
| **12.045.15ZD** | 05-17 |
| **12.045.15ZS** | 05-17 |
| **12.045.15ZS** | 05-33 |
| **12.045.15ZSD** | 05-17 |
| **12.045.15ZSTI** | 05-33 |
| **12.051.01Z** | 05-12 |
| **12.051.01ZD** | 05-12 |
| **12.051.15Z** | 05-17 |
| **12.051.15ZD** | 05-17 |
| **12.051.15ZS** | 05-17 |
| **12.051.15ZS** | 05-33 |
| **12.051.15ZSD** | 05-17 |
| **12.051.15ZSTI** | 05-33 |
| **12.059.00Z** | 05-19 |
| **12.067.01Z** | 05-12 |
| **12.067.01ZD** | 05-12 |
| **12.067.17Z** | 05-11 |
| **12.067.18Z** | 05-11 |
| **12.067.95Z** | 05-15 |
| **12.067.95Z** | 05-21 |
| **12.067.95ZD** | 05-15 |
| **12.073.01Z** | 05-12 |
| **12.073.01ZD** | 05-12 |
| **12.079.00Z** | 05-13 |
| **12.079.00ZD** | 05-13 |
| **12.079.95Z** | 05-15 |
| **12.079.95Z** | 05-21 |
| **12.079.95ZD** | 05-15 |
| **12.087.00Z** | 05-13 |
| **12.213.00Z** | 05-32 |
| **12.213.00ZD** | 05-32 |
| **12.213.00ZTI** | 05-32 |
| **12.217.00Z** | 05-33 |
| **12.217.00ZD** | 05-33 |
| **12.217.00ZTI** | 05-33 |
| **12.218.00Z** | 05-33 |
| **12.218.00ZD** | 05-33 |
| **12.218.00ZTI** | 05-33 |
| **12.221.90Z** | 05-33 |
| **12.221.90ZD** | 05-33 |
| **12.221.90ZTI** | 05-33 |
| **12.222.00Z** | 05-33 |
| **12.222.00ZD** | 05-33 |
| **12.222.00ZTI** | 05-33 |
| **12.234.07Z** | 05-32 |
| **12.234.07ZD** | 05-32 |
| **12.234.07ZTI** | 05-32 |

| | |
|---|---|
| **12.234.08Z** | 05-32 |
| **12.234.08ZD** | 05-32 |
| **12.234.08ZTI** | 05-32 |
| **12.235.07Z** | 05-32 |
| **12.235.07ZD** | 05-32 |
| **12.235.07ZTI** | 05-32 |
| **12.235.08Z** | 05-33 |
| **12.235.08ZD** | 05-33 |
| **12.235.08ZTI** | 05-33 |
| **12.236.07Z** | 05-32 |
| **12.236.07ZD** | 05-32 |
| **12.236.07ZTI** | 05-32 |
| **12.236.08Z** | 05-32 |
| **12.236.08ZD** | 05-32 |
| **12.236.08ZTI** | 05-32 |
| **12.267.01Z** | 05-33 |
| **12.267.01ZD** | 05-33 |
| **12.267.01ZTI** | 05-33 |
| **12.279.90Z** | 05-32 |
| **12.279.90ZD** | 05-32 |
| **12.279.90ZTI** | 05-32 |
| **12.300.08** | 05-03 |
| **12.300.08** | 05-06 |
| **12.300.11** | 05-05 |
| **12.300.11** | 05-07 |
| **12.300.15** | 05-06 |
| **12.300.16** | 05-06 |
| **12.300.17** | 05-06 |
| **12.300.20** | 05-06 |
| **12.300.30** | 05-07 |
| **12.300.35** | 05-07 |
| **12.300.45** | 05-05 |
| **12.300.45** | 05-07 |
| **12.300.47** | 05-07 |
| **12.300.60** | 05-07 |
| **12.300.65** | 05-07 |
| **12.300.70** | 05-07 |
| **12.300.75** | 05-07 |
| **12.300.80** | 05-07 |
| **12.302.00** | 05-04 |
| **12.302.00** | 05-05 |
| **12.302.00** | 05-06 |
| **12.302.01** | 05-06 |
| **12.303.00** | 05-04 |
| **12.303.00** | 05-05 |
| **12.303.00** | 05-06 |
| **12.701.00Z** | 05-20 |
| **14.001.00** | 05-22 |
| **14.001.01** | 05-22 |
| **14.010.09** | 05-22 |
| **14.010.11** | 05-27 |
| **14.017.00** | 05-23 |
| **14.018.15** | 05-23 |
| **14.018.16** | 05-22 |
| **14.023.00** | 05-22 |
| **14.053.15** | 05-23 |
| **14.053.16** | 05-23 |
| **14.065.00** | 05-24 |
| **14.069.00** | 05-24 |
| **14.088.15** | 05-24 |
| **14.088.16** | 05-24 |
| **14.101.00** | 05-24 |
| **14.150.00** | 05-25 |
| **14.150.00D** | 05-25 |
| **14.150.05** | 05-25 |
| **14.150.10** | 05-26 |
| **14.150.11** | 05-26 |
| **14.150.11D** | 05-26 |
| **14.151.00** | 05-25 |
| **14.151.00D** | 05-25 |
| **14.151.01** | 05-25 |
| **14.151.05** | 05-25 |
| **14.151.10** | 05-27 |
| **14.151.11** | 05-26 |
| **14.151.11D** | 05-26 |
| **14.210.05** | 05-26 |
| **14.217.00** | 05-26 |
| **14.222.00** | 05-27 |
| **14.222.11** | 05-27 |
| **14.700.01** | 05-18 |
| **14.700.01Z** | 05-18 |
| **14.700.10Z** | 05-19 |
| **14.700.10ZD** | 05-19 |
| **14.701.10Z** | 05-19 |
| **14.701.10ZD** | 05-19 |
| **15.213.00** | 05-37 |
| **15.213.00D** | 05-37 |
| **15.217.00** | 05-37 |
| **15.217.00D** | 05-37 |
| **15.218.00** | 05-37 |
| **15.218.00D** | 05-37 |
| **15.222.00** | 05-37 |
| **15.222.00D** | 05-37 |
| **15.234.07** | 05-36 |
| **15.234.07D** | 05-36 |
| **15.234.08** | 05-36 |
| **15.234.08D** | 05-36 |
| **15.235.07** | 05-36 |
| **15.235.07D** | 05-36 |
| **15.235.08** | 05-36 |
| **15.235.08D** | 05-36 |
| **15.236.07** | 05-37 |
| **15.236.07D** | 05-37 |
| **15.236.08** | 05-37 |
| **15.236.08D** | 05-37 |
| **15.267.01** | 05-37 |
| **15.267.01D** | 05-37 |
| **15.279.90** | 05-37 |
| **15.279.90D** | 05-37 |
| **17.001.00** | 05-52 |
| **17.001.01** | 05-52 |
| **17.001.02** | 05-52 |
| **17.001.03** | 05-52 |
| **17.001.10** | 05-52 |
| **17.001.11** | 05-52 |
| **17.001.12** | 05-52 |
| **17.001.13** | 05-52 |
| **17.006.01** | 05-57 |
| **17.006.02** | 05-57 |
| **17.006.03** | 05-57 |
| **17.006.04** | 05-57 |
| **17.007.00** | 05-46 |
| **17.007.01** | 05-40 |
| **17.007.01** | 05-46 |
| **17.007.01TI** | 05-40 |
| **17.007.02** | 05-40 |
| **17.007.02** | 05-46 |
| **17.007.02TI** | 05-40 |
| **17.007.03** | 05-40 |
| **17.007.03** | 05-46 |
| **17.007.03TI** | 05-40 |
| **17.007.04** | 05-41 |
| **17.007.04** | 05-46 |
| **17.007.04TI** | 05-41 |
| **17.007.05** | 05-41 |
| **17.007.05** | 05-46 |
| **17.007.05TI** | 05-41 |
| **17.007.06** | 05-41 |
| **17.007.06LL** | 05-48 |
| **17.007.06TI** | 05-41 |
| **17.007.07** | 05-41 |
| **17.007.07LL** | 05-48 |
| **17.007.07TI** | 05-41 |
| **17.007.70** | 05-47 |
| **17.007.75** | 05-47 |
| **17.007.75TI** | 05-47 |
| **17.008.01** | 05-41 |
| **17.008.01LL** | 05-48 |
| **17.008.01TI** | 05-41 |
| **17.008.02** | 05-42 |
| **17.008.02LL** | 05-48 |
| **17.008.02TI** | 05-42 |
| **17.008.03** | 05-42 |
| **17.008.03TI** | 05-42 |
| **17.008.04** | 05-42 |
| **17.008.04TI** | 05-42 |

| | |
|---|---|
| **17.008.05** | 05-42 |
| **17.008.05TI** | 05-42 |
| **17.008.06** | 05-42 |
| **17.008.06TI** | 05-42 |
| **17.008.08** | 05-43 |
| **17.008.08TI** | 05-43 |
| **17.008.09** | 05-43 |
| **17.008.09TI** | 05-43 |
| **17.008.10** | 05-43 |
| **17.008.10TI** | 05-43 |
| **17.008.11** | 05-43 |
| **17.008.11TI** | 05-43 |
| **17.008.90** | 05-43 |
| **17.008.90TI** | 05-43 |
| **17.009.01** | 05-45 |
| **17.009.02** | 05-45 |
| **17.009.05** | 05-45 |
| **17.010.02** | 05-56 |
| **17.010.03** | 05-56 |
| **17.013.00** | 05-52 |
| **17.013.01** | 05-52 |
| **17.013.02** | 05-52 |
| **17.014.00** | 05-58 |
| **17.014.01** | 05-58 |
| **17.014.02** | 05-58 |
| **17.020.01** | 05-58 |
| **17.020.02** | 05-58 |
| **17.045.00** | 05-50 |
| **17.045.04** | 05-50 |
| **17.045.05** | 05-50 |
| **17.051.01** | 05-55 |
| **17.051.02** | 05-55 |
| **17.051.03** | 05-55 |
| **17.052.01** | 05-55 |
| **17.052.02** | 05-55 |
| **17.052.03** | 05-55 |
| **17.053.02** | 05-55 |
| **17.053.03** | 05-55 |
| **17.055.01** | 05-55 |
| **17.055.02** | 05-55 |
| **17.055.03** | 05-55 |
| **17.056.01** | 05-55 |
| **17.056.02** | 05-55 |
| **17.056.03** | 05-55 |
| **17.100.08** | 05-57 |
| **17.100.09** | 05-57 |
| **17.100.10** | 05-57 |
| **17.100.11** | 05-57 |
| **17.100.35** | 05-56 |
| **17.100.39** | 05-61 |
| **17.100.40** | 05-61 |
| **17.100.46** | 05-56 |
| **17.100.57** | 05-56 |
| **17.100.60** | 05-56 |
| **17.100.61** | 05-56 |
| **17.100.62** | 05-56 |
| **17.101.60** | 05-56 |
| **17.101.61** | 05-56 |
| **17.101.62** | 05-56 |
| **17.195.00** | 05-54 |
| **17.200.01** | 05-53 |
| **17.200.02** | 05-53 |
| **17.200.03** | 05-53 |
| **17.201.01** | 05-53 |
| **17.201.02** | 05-53 |
| **17.301.00** | 05-59 |
| **17.302.00** | 05-59 |
| **17.303.00** | 05-59 |
| **17.304.00** | 05-59 |
| **17.336.15** | 05-61 |
| **17.336.16** | 05-61 |
| **17.337.15** | 05-61 |
| **17.337.16** | 05-61 |
| **17.395.01** | 05-54 |
| **17.395.02** | 05-54 |
| **17.395.03** | 05-54 |
| **17.396.01** | 05-54 |
| **17.396.02** | 05-54 |
| **17.396.03** | 05-54 |
| **17.410.03** | 05-58 |
| **17.677.16** | 05-59 |
| **17.677.17** | 05-59 |
| **17.700.00** | 07-16 |
| **17.700.40** | 07-16 |
| **17.700.45** | 07-16 |
| **19.010.00** | 04-17 |
| **19.015.00** | 04-17 |
| **19.037.01** | 04-17 |
| **19.060.00** | 04-19 |
| **19.061.01** | 04-19 |
| **19.061.02** | 04-19 |
| **19.061.03** | 04-19 |
| **19.061.13** | 04-19 |
| **19.062.00** | 04-19 |
| **19.063.01** | 04-19 |
| **19.125.00** | 04-17 |
| **19.199.00** | 04-18 |
| **19.200.00** | 04-06 |
| **19.201.11** | 04-06 |
| **19.201.21** | 04-06 |
| **19.201.31** | 04-06 |
| **19.202.00** | 04-03 |
| **19.202.00** | 04-06 |
| **19.265.16** | 09-07 |
| **19.270.50** | 06-11 |
| **19.272.00** | 09-06 |
| **19.272.01** | 09-06 |
| **19.272.02** | 09-06 |
| **19.272.03** | 09-06 |
| **19.272.10** | 09-06 |
| **19.273.00** | 09-06 |
| **19.274.00** | 09-05 |
| **19.274.13** | 09-05 |
| **19.274.15** | 09-05 |
| **19.274.50** | 09-05 |
| **19.274.60** | 09-05 |
| **19.275.00** | 09-06 |
| **19.275.01** | 09-06 |
| **19.275.02** | 09-06 |
| **19.275.04** | 09-06 |
| **19.277.01Z** | 09-03 |
| **19.279.00** | 09-07 |
| **19.281.15TC** | 04-23 |
| **19.281.15TC** | 09-04 |
| **19.281.16** | 09-07 |
| **19.509.10** | 03-45 |
| **19.509.20** | 03-45 |
| **19.516.00** | 03-46 |
| **19.521.00** | 03-46 |
| **19.561.13** | 03-44 |
| **19.574.14** | 06-47 |
| **19.576.13** | 06-47 |
| **19.576.14** | 06-47 |
| **19.576.16** | 06-47 |
| **19.600.18** | 06-47 |
| **19.600.25** | 06-47 |
| **19.641.02** | 06-46 |
| **19.641.03** | 06-46 |
| **19.649.15** | 06-44 |
| **19.649.30** | 06-44 |
| **19.649.40** | 06-44 |
| **19.649.50** | 06-44 |
| **19.649.60** | 03-44 |
| **19.651.13** | 06-44 |
| **19.651.13** | 07-31 |
| **19.651.14** | 06-44 |
| **19.651.14** | 07-31 |
| **19.651.15** | 06-44 |
| **19.651.15M** | 07-29 |
| **19.651.30** | 06-44 |
| **19.700.00** | 06-46 |
| **19.700.01** | 06-45 |
| **19.700.01US** | 06-45 |
| **19.700.02** | 06-45 |
| **19.700.02US** | 06-45 |
| **19.700.03** | 06-45 |

| | |
|---|---|
| **19.700.03US** | 06-45 |
| **19.700.04** | 06-45 |
| **19.700.04US** | 06-45 |
| **19.710.18** | 06-46 |
| **19.714.16** | 07-38 |
| **22.011.03** | 02-10 |
| **22.014.03** | 02-10 |
| **22.024.04** | 02-11 |
| **22.025.03** | 02-11 |
| **22.025.03** | 07-06 |
| **22.025.03** | 08-19 |
| **22.025.03D** | 02-11 |
| **22.031.08** | 03-44 |
| **22.051.03** | 02-10 |
| **22.100.15** | 04-19 |
| **22.106.01** | 06-02 |
| **22.107.21** | 03-44 |
| **22.200.12** | 06-02 |
| **22.200.13** | 06-02 |
| **22.200.14** | 06-02 |
| **22.200.15** | 06-02 |
| **22.200.20** | 06-02 |
| **22.230.13** | 06-02 |
| **22.230.14** | 06-02 |
| **22.270.12** | 06-05 |
| **22.272.15** | 06-04 |
| **22.278.12** | 06-02 |
| **22.278.15** | 06-02 |
| **22.279.15** | 06-02 |
| **22.281.15TC** | 04-23 |
| **22.310.12** | 06-05 |
| **22.310.15** | 06-05 |
| **22.400.13** | 06-03 |
| **22.400.14** | 06-03 |
| **22.408.11** | 06-03 |
| **22.408.13** | 06-03 |
| **22.408.14** | 06-03 |
| **22.408.16** | 06-03 |
| **22.408.20** | 06-03 |
| **22.416.15** | 06-05 |
| **22.430.17** | 06-05 |
| **22.450.18** | 06-05 |
| **22.480.12** | 06-03 |
| **22.480.15** | 06-03 |
| **22.481.12** | 06-03 |
| **22.481.15** | 06-03 |
| **22.486.12** | 06-05 |
| **22.486.15** | 06-05 |
| **22.488.12** | 06-04 |
| **22.488.15** | 06-04 |
| **22.488.20** | 06-05 |
| **22.489.00** | 06-04 |
| **22.489.00** | 07-06 |
| **22.489.00M** | 06-04 |
| **22.489.00M** | 08-19 |
| **22.489.01** | 06-04 |
| **22.523.13** | 03-45 |
| **22.523.13** | 04-23 |
| **22.810.17** | 08-14 |
| **22.810.17** | 08-19 |
| **22.810.17** | 08-20 |
| **22.810.17D** | 08-14 |
| **22.811.17** | 08-14 |
| **22.811.17D** | 08-14 |
| **22.812.17** | 08-15 |
| **22.814.17** | 08-15 |
| **22.815.17** | 08-14 |
| **22.816.17** | 08-14 |
| **22.820.17** | 08-15 |
| **22.820.17D** | 08-15 |
| **22.820.17TC** | 08-15 |
| **22.821.17** | 08-15 |
| **22.821.17D** | 08-15 |
| **22.824.17** | 06-03 |
| **22.830.17** | 08-09 |
| **23.050.10** | 06-07 |
| **23.051.10** | 06-07 |
| **23.054.12** | 06-07 |
| **23.055.12** | 06-07 |
| **23.058.12** | 06-07 |
| **23.059.12** | 06-07 |
| **23.060.12** | 06-07 |
| **23.061.12** | 06-07 |
| **23.062.12** | 06-07 |
| **23.063.12** | 06-07 |
| **23.098.14** | 06-06 |
| **23.099.14** | 06-06 |
| **23.104.14** | 06-07 |
| **23.105.14** | 06-07 |
| **23.105.50** | 06-51 |
| **23.106.14** | 06-07 |
| **23.106.16** | 06-07 |
| **23.106.18** | 06-07 |
| **23.107.14** | 06-07 |
| **23.107.16** | 06-07 |
| **23.107.18** | 06-07 |
| **23.120.12** | 04-22 |
| **23.705.09** | 06-07 |
| **23.709.11** | 06-06 |
| **23.740.20** | 06-06 |
| **23.741.20** | 06-06 |
| **23.781.15** | 06-06 |
| **23.782.15** | 06-06 |
| **24.058.01** | 06-50 |
| **24.058.02** | 06-50 |
| **24.058.03** | 06-50 |
| **24.058.04** | 06-50 |
| **24.058.10** | 06-50 |
| **24.061.22** | 02-06 |
| **24.061.24** | 02-06 |
| **24.062.24** | 02-06 |
| **24.062.24.** | 02-06 |
| **24.062.30** | 02-08 |
| **24.062.31** | 02-08 |
| **24.067.22** | 02-06 |
| **24.067.24** | 02-06 |
| **24.071.22** | 02-06 |
| **24.071.24** | 02-06 |
| **24.072.22** | 02-06 |
| **24.072.22.** | 07-05 |
| **24.072.24** | 02-06 |
| **24.074.13** | 03-45 |
| **24.074.15** | 03-45 |
| **24.074.16** | 03-45 |
| **24.079.22** | 02-06 |
| **24.079.24** | 02-06 |
| **24.080.01** | 02-05 |
| **24.086.01** | 02-05 |
| **24.087.02** | 08-19 |
| **24.089.02** | 02-05 |
| **24.089.02** | 06-08 |
| **24.098.03A** | 07-05 |
| **24.099.08** | 02-07 |
| **24.099.09** | 02-07 |
| **24.099.17** | 02-07 |
| **24.099.23** | 02-07 |
| **24.099.25** | 02-07 |
| **24.101.08** | 02-12 |
| **24.101.09** | 02-12 |
| **24.101.17** | 02-12 |
| **24.101.23** | 02-12 |
| **24.102.03A** | 02-12 |
| **24.102.08** | 02-12 |
| **24.102.09** | 02-12 |
| **24.102.17** | 02-12 |
| **24.102.23** | 02-12 |
| **24.112.05** | 02-12 |
| **24.114.00** | 08-19 |
| **24.124.06** | 02-12 |
| **24.201.01G** | 03-24 |
| **24.201.01GM5** | 03-17 |
| **24.201.01GM5-TI** | 03-29 |
| **24.201.01GM5OX** | 03-10 |
| **24.201.05L** | 03-18 |
| **24.201.05L** | 03-27 |
| **24.201.05L** | 08-18 |

| | |
|---|---|
| **24.201.05L-TI** | 03-19 |
| **24.201.05L-TI** | 03-28 |
| **24.201.05LF** | 03-20 |
| **24.201.05LFOX** | 03-20 |
| **24.201.05LM5** | 03-21 |
| **24.201.05LM5OX** | 03-21 |
| **24.202.03G** | 03-24 |
| **24.203.05G** | 03-16 |
| **24.203.05G** | 03-23 |
| **24.203.05G** | 03-24 |
| **24.204.11G** | 03-16 |
| **24.204.11G** | 03-23 |
| **24.204.11G** | 03-25 |
| **24.204.11GM5** | 03-17 |
| **24.204.11GM5-TI** | 03-29 |
| **24.204.11GM5OX** | 03-10 |
| **24.204.15G** | 03-25 |
| **24.205.06HF** | 07-05 |
| **24.205.07G** | 03-16 |
| **24.205.07G** | 03-23 |
| **24.205.07G** | 03-24 |
| **24.205.07GM5** | 03-17 |
| **24.205.07GM5-TI** | 03-29 |
| **24.205.07GM5OX** | 03-10 |
| **24.206.09G** | 03-24 |
| **24.207.02C** | 03-26 |
| **24.207.04C** | 03-26 |
| **24.207.04C-TI** | 03-28 |
| **24.207.06HF** | 07-05 |
| **24.207.13C** | 03-26 |
| **24.207.13G** | 03-16 |
| **24.207.13G** | 03-23 |
| **24.207.13G** | 03-25 |
| **24.207.13GM5** | 03-17 |
| **24.207.13GM5-TI** | 03-29 |
| **24.207.13GM5OX** | 03-10 |
| **24.207.13MC** | 03-26 |
| **24.207.17G** | 03-25 |
| **24.207.17L** | 03-19 |
| **24.207.17L** | 03-27 |
| **24.207.17MC** | 03-26 |
| **24.207.23** | 03-18 |
| **24.207.23** | 03-27 |
| **24.208.02CI** | 03-30 |
| **24.208.02T** | 03-31 |
| **24.208.03L** | 03-18 |
| **24.208.03L** | 03-27 |
| **24.208.03L** | 08-18 |
| **24.208.03L-TI** | 03-19 |
| **24.208.03L-TI** | 03-28 |
| **24.208.03LF** | 03-20 |
| **24.208.03LFOX** | 03-20 |
| **24.208.03LM5** | 03-21 |
| **24.208.03LM5OX** | 03-21 |
| **24.208.04S** | 03-16 |
| **24.208.04S** | 03-17 |
| **24.208.04S** | 03-18 |
| **24.208.04S** | 03-23 |
| **24.208.04S** | 03-31 |
| **24.208.04SD** | 03-31 |
| **24.208.04SDOX** | 03-11 |
| **24.208.04SOX** | 03-10 |
| **24.208.06H** | 03-23 |
| **24.208.06H** | 03-30 |
| **24.208.06HF** | 03-30 |
| **24.208.23A** | 03-31 |
| **24.208.23AOX** | 03-11 |
| **24.208.30S** | 03-30 |
| **24.208.35U** | 03-30 |
| **24.209.04GX** | 03-31 |
| **24.210.01L** | 03-18 |
| **24.210.01L** | 03-27 |
| **24.210.01L** | 08-18 |
| **24.210.01L-TI** | 03-19 |
| **24.210.01L-TI** | 03-28 |
| **24.210.01LF** | 03-20 |
| **24.210.01LFOX** | 03-20 |
| **24.210.01LM5** | 03-21 |
| **24.210.01LM5OX** | 03-21 |
| **24.216.06** | 03-15 |
| **24.221.01GM5OX** | 03-10 |
| **24.224.11GM5OX** | 03-10 |
| **24.225.07GM5OX** | 03-10 |
| **24.227.13GM5OX** | 03-10 |
| **24.228.04SDOX** | 03-11 |
| **24.228.04SOX** | 03-10 |
| **24.228.23AOX** | 03-11 |
| **24.353.02** | 09-09 |
| **24.437.01** | 03-36 |
| **24.437.02** | 03-36 |
| **24.437.03** | 03-37 |
| **24.437.04** | 03-37 |
| **24.437.07** | 03-37 |
| **24.440.00** | 03-13 |
| **24.451.00** | 03-12 |
| **24.451.01** | 03-12 |
| **24.451.02** | 03-12 |
| **24.451.02** | 03-13 |
| **24.451.03** | 03-12 |
| **24.451.06** | 03-12 |
| **24.453.03** | 03-14 |
| **24.453.12** | 03-14 |
| **24.453.15** | 03-13 |
| **24.453.22** | 03-14 |
| **24.453.23** | 03-14 |
| **24.454.00** | 08-08 |
| **24.454.01** | 03-15 |
| **24.454.01** | 03-23 |
| **24.454.02** | 03-15 |
| **24.454.03** | 03-15 |
| **24.454.03** | 03-46 |
| **24.454.05** | 03-15 |
| **24.454.06** | 03-15 |
| **24.454.06TI** | 03-15 |
| **24.455.00** | 08-08 |
| **24.455.06** | 03-13 |
| **24.455.06** | 07-05 |
| **24.488.01** | 03-36 |
| **24.488.02** | 03-36 |
| **24.490.01** | 03-38 |
| **24.490.02** | 03-38 |
| **24.491.01** | 03-39 |
| **24.491.02** | 03-39 |
| **24.493.01** | 03-38 |
| **24.493.02** | 03-38 |
| **24.493.03** | 03-38 |
| **24.494.00** | 03-39 |
| **24.495.01** | 03-39 |
| **24.495.01** | 07-15 |
| **24.495.02** | 03-39 |
| **24.495.02** | 07-15 |
| **24.495.03** | 03-39 |
| **24.495.03** | 07-15 |
| **24.532.19** | 07-09 |
| **24.532.19** | 07-24 |
| **24.548.01** | 04-20 |
| **24.548.01** | 06-47 |
| **24.548.02** | 04-20 |
| **24.548.03** | 04-20 |
| **24.548.04** | 04-20 |
| **24.551.01** | 03-32 |
| **24.551.03** | 03-32 |
| **24.551.05** | 03-32 |
| **24.551.07** | 03-32 |
| **24.551.09** | 03-33 |
| **24.551.11** | 03-33 |
| **24.551.13** | 03-33 |
| **24.551.15** | 03-33 |
| **24.551.17** | 03-33 |
| **24.551.24S** | 03-35 |
| **24.553.01** | 03-34 |
| **24.553.03** | 03-34 |
| **24.553.05** | 03-34 |
| **24.561.67** | 03-35 |
| **24.565.33** | 03-35 |
| **24.708.25** | 04-14 |

| | |
|---|---|
| **24.708.27** | 04-14 |
| **24.708.29** | 04-14 |
| **24.708.31** | 04-14 |
| **24.709.35** | 04-15 |
| **24.709.39** | 04-15 |
| **24.709.41** | 04-15 |
| **24.709.45** | 04-15 |
| **24.711.43** | 04-14 |
| **24.711.44** | 04-14 |
| **24.711.45** | 04-14 |
| **24.725.00** | 03-42 |
| **24.725.05** | 03-42 |
| **24.725.07** | 03-42 |
| **24.725.08** | 03-42 |
| **24.725.09** | 03-42 |
| **24.725.20** | 03-42 |
| **24.725.21** | 03-43 |
| **24.725.58** | 03-43 |
| **24.725.70** | 03-43 |
| **24.725.71** | 03-43 |
| **24.725.72** | 03-43 |
| **24.725.73** | 03-43 |
| **24.725.74** | 03-43 |
| **24.725.86** | 03-43 |
| **24.733.18** | 04-15 |
| **24.733.19** | 04-15 |
| **24.733.20** | 04-15 |
| **24.747.03** | 07-33 |
| **24.747.04** | 08-19 |
| **24.747.06** | 08-19 |
| **24.751.0451OX** | 08-04 |
| **24.751.04520OX** | 08-04 |
| **24.751.04521OX** | 08-04 |
| **24.751.0452OX** | 08-04 |
| **24.751.04530OX** | 08-04 |
| **24.751.04531OX** | 08-04 |
| **24.751.04540OX** | 08-04 |
| **24.751.04541OX** | 08-04 |
| **24.751.04550OX** | 08-04 |
| **24.751.04551OX** | 08-04 |
| **24.751.101G** | 03-24 |
| **24.751.101GM5** | 03-17 |
| **24.751.101GM5-TI** | 03-29 |
| **24.751.101GM5OX** | 03-10 |
| **24.751.101L** | 03-18 |
| **24.751.101L** | 03-27 |
| **24.751.101L-TI** | 03-19 |
| **24.751.101L-TI** | 03-28 |
| **24.751.101LF** | 03-20 |
| **24.751.101LFOX** | 03-20 |
| **24.751.101LM5** | 03-21 |
| **24.751.101LM5OX** | 03-21 |
| **24.751.102CI** | 03-30 |
| **24.751.102G** | 03-24 |
| **24.751.102GM5** | 03-17 |
| **24.751.102GM5-TI** | 03-29 |
| **24.751.102GM5OX** | 03-10 |
| **24.751.102L** | 03-18 |
| **24.751.102L** | 03-27 |
| **24.751.102L-TI** | 03-19 |
| **24.751.102L-TI** | 03-28 |
| **24.751.102LC** | 03-26 |
| **24.751.102LF** | 03-20 |
| **24.751.102LFOX** | 03-20 |
| **24.751.102LM5** | 03-21 |
| **24.751.102LM5OX** | 03-21 |
| **24.751.102RC** | 03-26 |
| **24.751.102TA** | 03-31 |
| **24.751.103CI** | 03-30 |
| **24.751.103G** | 03-24 |
| **24.751.103L** | 03-18 |
| **24.751.103L** | 03-27 |
| **24.751.103L-TI** | 03-19 |
| **24.751.103L-TI** | 03-28 |
| **24.751.103LF** | 03-20 |
| **24.751.103LFOX** | 03-20 |
| **24.751.103LM5** | 03-21 |
| **24.751.103LM5OX** | 03-21 |
| **24.751.103TA** | 03-31 |
| **24.751.104** | 03-42 |
| **24.751.104G** | 03-24 |
| **24.751.104L** | 03-18 |
| **24.751.104L** | 03-27 |
| **24.751.104L-TI** | 03-19 |
| **24.751.104L-TI** | 03-28 |
| **24.751.104LC** | 03-26 |
| **24.751.104LC-TI** | 03-28 |
| **24.751.104LF** | 03-20 |
| **24.751.104LFOX** | 03-20 |
| **24.751.104LM5** | 03-21 |
| **24.751.104LM5OX** | 03-21 |
| **24.751.104RC** | 03-26 |
| **24.751.104RC-TI** | 03-28 |
| **24.751.104XL** | 03-31 |
| **24.751.104XR** | 03-31 |
| **24.751.105** | 03-42 |
| **24.751.105G** | 03-16 |
| **24.751.105G** | 03-23 |
| **24.751.105G** | 03-24 |
| **24.751.105L** | 03-18 |
| **24.751.105L** | 03-27 |
| **24.751.105L-TI** | 03-19 |
| **24.751.105L-TI** | 03-28 |
| **24.751.105LF** | 03-20 |
| **24.751.105LFOX** | 03-20 |
| **24.751.105LM5** | 03-21 |
| **24.751.105LM5OX** | 03-21 |
| **24.751.106G** | 03-16 |
| **24.751.106G** | 03-23 |
| **24.751.106G** | 03-24 |
| **24.751.106H** | 03-23 |
| **24.751.106H** | 03-30 |
| **24.751.106HF** | 03-30 |
| **24.751.106HF** | 07-05 |
| **24.751.106L** | 03-18 |
| **24.751.106L** | 03-27 |
| **24.751.106L-TI** | 03-19 |
| **24.751.106L-TI** | 03-28 |
| **24.751.106LF** | 03-20 |
| **24.751.106LFOX** | 03-20 |
| **24.751.106LM5** | 03-21 |
| **24.751.106LM5OX** | 03-21 |
| **24.751.107G** | 03-16 |
| **24.751.107G** | 03-23 |
| **24.751.107G** | 03-24 |
| **24.751.107GM5** | 03-17 |
| **24.751.107GM5-TI** | 03-29 |
| **24.751.107GM5OX** | 03-10 |
| **24.751.107H** | 03-23 |
| **24.751.107H** | 03-30 |
| **24.751.107HF** | 03-30 |
| **24.751.107HF** | 07-05 |
| **24.751.108** | 03-43 |
| **24.751.108G** | 03-16 |
| **24.751.108G** | 03-23 |
| **24.751.108G** | 03-24 |
| **24.751.108GM5** | 03-17 |
| **24.751.108GM5-TI** | 03-29 |
| **24.751.108GM5OX** | 03-10 |
| **24.751.109** | 03-43 |
| **24.751.109G** | 03-24 |
| **24.751.110** | 03-42 |
| **24.751.110G** | 03-24 |
| **24.751.111** | 03-42 |
| **24.751.111G** | 03-16 |
| **24.751.111G** | 03-23 |
| **24.751.111G** | 03-25 |
| **24.751.111GM5** | 03-17 |
| **24.751.111GM5OX** | 03-10 |
| **24.751.112G** | 03-16 |
| **24.751.112G** | 03-23 |
| **24.751.112G** | 03-25 |
| **24.751.112GM5** | 03-17 |
| **24.751.112GM5OX** | 03-10 |
| **24.751.112L** | 03-42 |
| **24.751.112R** | 03-42 |

| | |
|---|---|
| **24.751.113C** | 03-26 |
| **24.751.113C** | 03-42 |
| **24.751.113G** | 03-16 |
| **24.751.113G** | 03-23 |
| **24.751.113G** | 03-25 |
| **24.751.113GM5** | 03-17 |
| **24.751.113GM5-TI** | 03-29 |
| **24.751.113GM5OX** | 03-10 |
| **24.751.113L** | 03-42 |
| **24.751.113MC** | 03-26 |
| **24.751.113R** | 03-42 |
| **24.751.114C** | 03-26 |
| **24.751.114C** | 03-42 |
| **24.751.114G** | 03-16 |
| **24.751.114G** | 03-23 |
| **24.751.114G** | 03-25 |
| **24.751.114GM5** | 03-17 |
| **24.751.114GM5-TI** | 03-29 |
| **24.751.114GM5OX** | 03-10 |
| **24.751.114MC** | 03-26 |
| **24.751.115G** | 03-25 |
| **24.751.116G** | 03-25 |
| **24.751.117L** | 03-19 |
| **24.751.117L** | 03-27 |
| **24.751.117MC** | 03-26 |
| **24.751.118G** | 03-25 |
| **24.751.118L** | 03-19 |
| **24.751.118L** | 03-27 |
| **24.751.118MC** | 03-26 |
| **24.751.123AL** | 03-31 |
| **24.751.123ALOX** | 03-11 |
| **24.751.123AR** | 03-31 |
| **24.751.123AROX** | 03-11 |
| **24.751.123L** | 03-18 |
| **24.751.123L** | 03-27 |
| **24.751.123R** | 03-18 |
| **24.751.123R** | 03-27 |
| **24.751.126** | 07-04 |
| **24.751.130** | 03-30 |
| **24.751.131** | 03-30 |
| **24.751.135UL** | 03-30 |
| **24.751.135UR** | 03-30 |
| **24.751.148** | 03-43 |
| **24.751.149** | 03-43 |
| **24.751.150** | 07-04 |
| **24.751.153** | 03-43 |
| **24.751.155** | 07-05 |
| **24.751.156** | 07-05 |
| **24.751.167** | 03-43 |
| **24.751.168** | 03-43 |
| **24.751.169** | 03-43 |
| **24.751.169** | 03-43 |
| **24.751.170** | 03-43 |
| **24.751.171** | 03-43 |
| **24.751.172** | 03-43 |
| **24.751.172** | 03-43 |
| **24.751.172** | 03-43 |
| **24.751.173** | 03-43 |
| **24.751.176 S** | 07-04 |
| **24.751.177** | 07-04 |
| **24.751.178** | 07-04 |
| **24.751.179** | 03-43 |
| **24.751.179** | 07-04 |
| **24.751.204L** | 03-16 |
| **24.751.204L** | 03-17 |
| **24.751.204L** | 03-18 |
| **24.751.204L** | 03-23 |
| **24.751.204L** | 03-31 |
| **24.751.204LD** | 03-31 |
| **24.751.204LDOX** | 03-11 |
| **24.751.204LOX** | 03-10 |
| **24.751.204R** | 03-16 |
| **24.751.204R** | 03-17 |
| **24.751.204R** | 03-18 |
| **24.751.204R** | 03-23 |
| **24.751.204R** | 03-31 |
| **24.751.204RD** | 03-31 |
| **24.751.204RDOX** | 03-11 |
| **24.751.204ROX** | 03-10 |
| **24.751.318Ti** | 04-04 |
| **24.751.319Ti** | 04-04 |
| **24.751.319Ti** | 04-07 |
| **24.751.320Ti** | 04-04 |
| **24.751.320Ti** | 04-07 |
| **24.751.321Ti** | 04-04 |
| **24.751.322Ti** | 04-04 |
| **24.751.323Ti** | 04-04 |
| **24.751.323Ti** | 04-04 |
| **24.751.323Ti** | 04-05 |
| **24.751.323Ti** | 04-07 |
| **24.751.324Ti** | 04-04 |
| **24.751.325Ti** | 04-04 |
| **24.751.325Ti** | 04-04 |
| **24.751.325Ti** | 04-07 |
| **24.751.326Ti** | 04-04 |
| **24.751.327Ti** | 04-04 |
| **24.751.328Ti** | 04-05 |
| **24.751.329Ti** | 04-05 |
| **24.751.330Ti** | 04-05 |
| **24.751.331Ti** | 04-05 |
| **24.751.332Ti** | 04-05 |
| **24.751.333Ti** | 04-05 |
| **24.751.401Ti** | 04-05 |
| **24.751.402Ti** | 04-05 |
| **24.751.403Ti** | 04-05 |
| **24.751.404Ti** | 04-05 |
| **24.751.512** | 07-04 |
| **24.751.520W** | 07-04 |
| **24.755.02** | 03-09 |
| **24.755.03** | 03-09 |
| **24.853.14** | 07-05 |
| **24.853.24** | 07-05 |
| **24.914.10** | 03-41 |
| **24.914.25** | 03-41 |
| **24.916.10** | 03-41 |
| **24.918.15** | 03-41 |
| **24.919.15** | 03-41 |
| **24.923.10** | 03-41 |
| **24.923.10** | 05-56 |
| **24.926.10** | 03-40 |
| **24.926.75** | 03-40 |
| **24.950.00** | 03-40 |
| **24.950.10** | 10-13 |
| **24.950.12** | 10-13 |
| **24.951.01** | 03-40 |
| **24.961.05** | 07-03 |
| **24.961.05** | 07-04 |
| **24.961.06** | 07-03 |
| **24.961.06** | 07-04 |
| **24.967.05** | 08-20 |
| **24.971.00** | 08-17 |
| **24.971.00** | 08-18 |
| **24.971.00** | 08-18 |
| **24.989.55OX** | 03-11 |
| **24.990.35** | 03-23 |
| **24.990.50** | 03-16 |
| **24.990.55** | 03-17 |
| **24.990.55OX** | 03-11 |
| **24.990.60** | 03-18 |
| **24.995.00** | 07-32 |
| **24.995.00S** | 07-35 |
| **24.995.01** | 07-30 |
| **26.010.01OX** | 03-06 |
| **26.010.02OX** | 03-06 |
| **26.010.03OX** | 03-06 |
| **26.010.04OX** | 03-06 |
| **26.010.05OX** | 03-06 |
| **26.010.06OX** | 03-06 |
| **26.010.07OX** | 03-06 |
| **26.010.08OX** | 03-06 |
| **26.010.09OX** | 03-06 |
| **26.010.10OX** | 03-06 |
| **26.010.10OX** | 03-08 |
| **26.010.11OX** | 02-03 |
| **26.010.21OX** | 02-03 |
| **26.030.01** | 03-07 |

| | |
|---|---|
| **26.030.01** | 03-08 |
| **26.030.02** | 03-07 |
| **26.030.03** | 03-07 |
| **26.030.04** | 03-07 |
| **26.030.05** | 03-07 |
| **26.030.06** | 03-07 |
| **26.030.07** | 03-07 |
| **26.030.08** | 03-07 |
| **26.030.09** | 03-07 |
| **26.030.10** | 03-07 |
| **26.120.00Ti** | 04-03 |
| **26.120.01Ti** | 04-03 |
| **26.120.10Ti** | 04-04 |
| **26.120.10Ti** | 04-07 |
| **26.120.11Ti** | 04-04 |
| **26.120.121Ti** | 04-04 |
| **26.120.121Ti** | 04-07 |
| **26.120.122Ti** | 04-04 |
| **26.120.122Ti** | 04-07 |
| **26.120.12Ti** | 04-04 |
| **26.120.12Ti** | 04-07 |
| **26.120.20Ti** | 04-04 |
| **26.120.21Ti** | 04-04 |
| **26.120.25Ti** | 04-04 |
| **26.120.25Ti** | 04-07 |
| **26.120.30Ti** | 04-04 |
| **26.120.31Ti** | 04-05 |
| **26.120.321Ti** | 04-05 |
| **26.120.321Ti** | 04-05 |
| **26.120.321Ti** | 04-07 |
| **26.120.322Ti** | 04-05 |
| **26.120.322Ti** | 04-07 |
| **26.120.32Ti** | 04-05 |
| **26.120.32Ti** | 04-07 |
| **26.120.34Ti** | 04-05 |
| **26.120.40Ti** | 04-05 |
| **26.120.50Ti** | 04-05 |
| **26.120.60Ti** | 04-05 |
| **26.120.70Ti** | 04-05 |
| **26.123.01** | 04-21 |
| **26.123.02** | 04-21 |
| **26.130.01** | 04-13 |
| **26.130.02** | 04-13 |
| **26.130.03** | 04-13 |
| **26.180.06** | 02-05 |
| **26.180.07** | 02-05 |
| **26.180.07** | 03-46 |
| **26.180.13** | 03-08 |
| **26.181.03** | 03-08 |
| **26.182.00** | 05-50 |
| **26.182.01** | 05-50 |
| **26.182.02** | 05-50 |
| **26.182.03** | 05-50 |
| **26.182.04** | 05-50 |
| **26.182.11** | 05-51 |
| **26.182.12** | 05-51 |
| **26.182.13** | 05-51 |
| **26.182.23** | 05-51 |
| **26.182.24** | 05-51 |
| **26.183.00** | 08-18 |
| **26.191.01** | 02-05 |
| **26.191.01** | 02-07 |
| **26.191.02** | 02-05 |
| **26.191.02** | 02-07 |
| **26.191.03** | 02-05 |
| **26.191.03** | 02-07 |
| **26.191.04** | 02-05 |
| **26.191.04** | 02-07 |
| **26.193.01** | 03-04 |
| **26.193.02** | 03-04 |
| **26.193.03** | 03-04 |
| **26.193.04** | 03-04 |
| **26.193.05** | 03-04 |
| **26.193.06** | 03-04 |
| **26.193.07** | 03-04 |
| **26.193.08** | 03-04 |
| **26.193.09** | 03-04 |
| **26.193.10** | 02-04 |
| **26.193.10** | 03-04 |
| **26.193.10** | 03-08 |
| **26.193.11** | 03-05 |
| **26.193.12** | 03-05 |
| **26.193.13** | 03-05 |
| **26.193.14** | 03-05 |
| **26.193.15** | 03-05 |
| **26.193.15** | 03-13 |
| **26.193.16** | 03-05 |
| **26.193.17** | 03-05 |
| **26.193.18** | 03-05 |
| **26.193.19** | 03-05 |
| **26.193.20** | 02-04 |
| **26.193.20** | 03-05 |
| **26.193.20** | 03-13 |
| **26.194.01** | 03-05 |
| **26.194.02** | 03-05 |
| **26.194.03** | 03-05 |
| **26.194.04** | 03-05 |
| **26.194.05** | 03-05 |
| **26.194.05** | 07-05 |
| **26.194.06** | 03-05 |
| **26.194.06** | 03-23 |
| **26.194.07** | 03-05 |
| **26.194.07** | 07-05 |
| **26.194.08** | 03-05 |
| **26.194.09** | 03-05 |
| **26.194.10** | 02-04 |
| **26.194.10** | 03-05 |
| **26.194.11** | 03-05 |
| **26.194.12** | 03-05 |
| **26.194.13** | 03-05 |
| **26.194.14** | 03-05 |
| **26.194.15** | 03-05 |
| **26.194.16** | 03-05 |
| **26.194.17** | 03-05 |
| **26.194.18** | 03-05 |
| **26.194.19** | 03-05 |
| **26.194.20** | 02-04 |
| **26.194.20** | 03-05 |
| **26.195.01** | 03-04 |
| **26.195.02** | 03-04 |
| **26.195.03** | 03-04 |
| **26.195.04** | 03-04 |
| **26.195.05** | 03-04 |
| **26.195.06** | 03-04 |
| **26.195.07** | 03-04 |
| **26.195.08** | 03-04 |
| **26.195.09** | 03-04 |
| **26.195.10** | 03-04 |
| **26.200.00** | 04-11 |
| **26.200.01** | 04-11 |
| **26.200.02** | 04-11 |
| **26.200.03** | 04-11 |
| **26.200.04** | 04-11 |
| **26.200.13** | 04-12 |
| **26.200.17** | 04-10 |
| **26.200.18** | 04-10 |
| **26.200.19** | 04-10 |
| **26.200.35** | 04-12 |
| **26.200.36** | 04-12 |
| **26.200.37** | 04-12 |
| **26.260.00** | 04-13 |
| **26.260.01** | 04-13 |
| **26.260.02** | 04-13 |
| **26.690.01** | 05-49 |
| **26.690.02** | 05-49 |
| **26.690.03** | 05-49 |
| **26.690.10** | 05-49 |
| **28.110.01** | 09-09 |
| **28.111.01** | 09-09 |
| **28.114.00** | 09-09 |
| **28.121.00** | 04-16 |
| **28.130.00** | 09-09 |
| **28.161.13** | 09-09 |
| **28.161.17** | 09-09 |
| **28.601.00** | 04-16 |
| **28.601.01** | 04-16 |

| | |
|---|---|
| **28.601.02** | 04-16 |
| **28.601.03** | 04-16 |
| **28.601.04** | 04-16 |
| **28.606.00** | 04-16 |
| **28.606.01** | 04-16 |
| **28.606.02** | 04-16 |
| **28.606.03** | 04-16 |
| **28.606.04** | 04-16 |
| **31.182.01** | 09-04 |
| **31.184.01** | 09-08 |
| **31.184.13** | 09-07 |
| **31.185.00** | 09-08 |
| **31.185.01** | 09-08 |
| **31.185.02** | 09-08 |
| **31.185.04** | 09-08 |
| **31.185.10** | 09-08 |
| **31.185.12** | 09-08 |
| **31.683.00** | 07-39 |
| **31.691.00** | 07-25 |
| **31.691.13** | 07-41 |
| **31.693.10** | 07-40 |
| **31.760.11** | 06-48 |
| **37.258.40** | 06-09 |
| **37.258.43** | 06-09 |
| **37.261.11** | 06-11 |
| **37.261.14** | 06-11 |
| **37.271.00** | 06-11 |
| **37.426.01** | 06-14 |
| **37.426.02** | 06-14 |
| **37.429.12** | 06-11 |
| **37.429.14** | 06-11 |
| **37.429.16** | 06-11 |
| **37.437.15** | 06-09 |
| **37.437.17** | 06-09 |
| **37.438.15** | 06-20 |
| **37.440.00** | 06-17 |
| **37.441.01** | 06-15 |
| **37.441.02** | 06-15 |
| **37.443.00** | 06-08 |
| **37.444.01** | 06-12 |
| **37.444.01TI** | 06-13 |
| **37.445.01** | 02-07 |
| **37.445.01** | 06-08 |
| **37.446.06** | 06-12 |
| **37.446.07** | 06-12 |
| **37.446.10** | 06-13 |
| **37.446.20** | 06-13 |
| **37.448.10** | 02-08 |
| **37.448.20** | 02-08 |
| **37.448.30** | 06-12 |
| **37.448.35** | 06-12 |
| **37.454.00** | 06-10 |
| **37.454.00TI** | 06-10 |
| **37.454.02** | 06-10 |
| **38.074.14** | 06-15 |
| **38.076.16** | 06-15 |
| **38.078.16** | 06-15 |
| **38.426.01** | 06-16 |
| **38.426.02** | 06-16 |
| **38.426.03** | 06-16 |
| **38.426.04** | 06-16 |
| **38.426.05** | 06-16 |
| **38.426.06** | 06-16 |
| **38.426.07** | 06-16 |
| **38.426.08** | 06-16 |
| **38.426.09** | 06-16 |
| **38.427.22** | 06-19 |
| **38.428.02** | 06-18 |
| **38.428.03** | 06-18 |
| **38.428.04** | 06-18 |
| **38.428.05** | 06-18 |
| **38.428.06** | 06-18 |
| **38.428.22** | 06-18 |
| **38.430.03** | 06-17 |
| **38.430.04** | 06-17 |
| **38.430.05** | 06-17 |
| **38.430.06** | 06-17 |
| **38.438.04** | 06-19 |
| **38.438.05** | 06-19 |
| **38.438.06** | 06-19 |
| **38.448.50** | 06-20 |
| **38.452.00** | 06-14 |
| **38.465.15** | 06-14 |
| **38.467.08** | 06-14 |
| **38.467.10** | 06-14 |
| **38.471.15** | 06-15 |
| **38.473.15** | 06-15 |
| **41.010.17TC** | 08-13 |
| **41.010.17TC-M** | 08-12 |
| **41.011.17TC** | 08-13 |
| **41.011.17TC-M** | 08-12 |
| **41.015.17** | 08-13 |
| **41.015.17** | 08-18 |
| **41.015.17** | 08-19 |
| **41.017.17** | 08-09 |
| **41.200.15TC** | 08-12 |
| **41.200.17TC** | 07-06 |
| **41.200.17TC** | 08-12 |
| **41.200.17TC** | 08-12 |
| **41.200.17TC-K** | 08-11 |
| **41.200.17TC-K** | 08-20 |
| **41.201.15TC** | 08-12 |
| **41.201.15TC** | 08-12 |
| **41.201.17TC** | 08-12 |
| **41.201.17TC-K** | 08-11 |
| **41.240.12** | 06-43 |
| **41.246.15TC** | 06-42 |
| **41.250.15** | 06-43 |
| **41.252.15TC** | 06-43 |
| **41.252.15TC** | 08-19 |
| **41.252.18TC** | 06-43 |
| **41.256.14** | 06-42 |
| **41.256.16** | 06-42 |
| **41.256.18** | 06-42 |
| **41.258.14TC** | 06-42 |
| **41.258.16TC** | 06-42 |
| **41.258.18TC** | 06-42 |
| **41.262.14** | 06-41 |
| **41.262.17** | 06-41 |
| **41.264.14** | 06-41 |
| **41.264.17** | 06-41 |
| **41.310.14TC** | 06-41 |
| **41.310.17TC** | 06-41 |
| **41.317.17TC** | 06-41 |
| **41.318.17TC** | 06-41 |
| **41.352.15TC** | 06-43 |
| **41.362.12** | 06-43 |
| **41.500.17M** | 06-52 |
| **41.501.01** | 06-52 |
| **41.501.01** | 07-14 |
| **41.501.01AS** | 06-52 |
| **41.503.00** | 06-53 |
| **41.503.01** | 05-45 |
| **41.503.01** | 06-53 |
| **41.506.17** | 06-52 |
| **41.541.02WM** | 05-60 |
| **41.541.03WM** | 05-60 |
| **41.541.04WM** | 05-60 |
| **41.541.05WM** | 05-60 |
| **41.550.00** | 07-09 |
| **41.550.06** | 07-09 |
| **41.550.08** | 07-09 |
| **41.550.10** | 07-09 |
| **41.552.06** | 07-09 |
| **41.552.08** | 07-09 |
| **41.552.10** | 07-09 |
| **41.747.03S** | 07-35 |
| **41.751.011LU** | 07-05 |
| **41.751.012LU** | 07-05 |
| **41.822.01** | 07-30 |
| **41.822.02** | 07-30 |
| **41.822.03** | 07-30 |
| **41.822.04** | 07-30 |
| **41.822.05** | 07-31 |
| **41.822.11** | 07-31 |
| **41.822.22** | 07-31 |

| | |
|---|---|
| **41.822.33** | 07-31 |
| **41.845.11** | 06-22 |
| **41.845.22** | 06-22 |
| **41.845.33** | 06-22 |
| **41.847.00** | 07-27 |
| **41.847.00** | 07-28 |
| **41.847.01** | 07-28 |
| **41.847.02** | 07-28 |
| **41.847.03** | 07-28 |
| **41.847.05** | 07-28 |
| **41.847.08** | 07-28 |
| **41.847.09** | 07-28 |
| **41.847.10** | 07-28 |
| **41.848.01** | 07-26 |
| **41.848.02** | 07-26 |
| **41.848.03** | 07-26 |
| **41.848.05** | 07-26 |
| **41.848.08** | 07-26 |
| **41.848.08** | 08-18 |
| **41.848.40** | 07-25 |
| **41.848.41** | 07-25 |
| **41.848.42** | 07-25 |
| **41.848.43** | 07-25 |
| **41.853.11** | 07-04 |
| **41.853.21** | 07-04 |
| **41.854.11** | 07-04 |
| **41.854.12** | 07-04 |
| **41.854.13** | 07-05 |
| **41.854.21** | 07-04 |
| **41.854.22** | 07-04 |
| **41.854.23** | 07-05 |
| **41.855.00Z** | 06-22 |
| **41.855.00ZS** | 06-22 |
| **41.855.01Z** | 05-46 |
| **41.855.01Z** | 06-22 |
| **41.855.01ZS** | 06-22 |
| **41.855.02Z** | 06-22 |
| **41.855.02ZS** | 06-22 |
| **41.855.04Z** | 06-22 |
| **41.855.20** | 07-05 |
| **41.855.22** | 07-05 |
| **41.862.11** | 06-23 |
| **41.862.12** | 06-23 |
| **41.862.13** | 06-23 |
| **41.862.14** | 06-24 |
| **41.862.20** | 06-24 |
| **41.862.21** | 06-25 |
| **41.862.24** | 06-25 |
| **41.864.01** | 06-21 |
| **41.864.02** | 06-21 |
| **41.864.13** | 06-23 |
| **41.864.13** | 06-24 |
| **41.864.13** | 08-20 |
| **41.864.20** | 06-32 |
| **41.864.30** | 06-24 |
| **41.864.40** | 06-24 |
| **41.864.50** | 06-24 |
| **41.864.60** | 06-23 |
| **41.865.01** | 06-25 |
| **41.868.01** | 07-32 |
| **41.868.01S** | 07-34 |
| **41.868.02** | 07-32 |
| **41.868.02S** | 07-34 |
| **41.868.03** | 07-32 |
| **41.868.03S** | 07-34 |
| **41.868.04** | 07-32 |
| **41.868.04S** | 07-34 |
| **41.868.05** | 07-33 |
| **41.868.05S** | 07-34 |
| **41.868.05SL** | 07-35 |
| **41.868.06** | 07-33 |
| **41.868.06S** | 07-34 |
| **41.868.06SL** | 07-35 |
| **41.868.07** | 07-25 |
| **41.868.07** | 07-31 |
| **41.868.07** | 07-33 |
| **41.868.07S** | 07-35 |
| **41.868.08** | 07-33 |
| **41.868.08M** | 07-29 |
| **41.868.08S** | 07-35 |
| **41.868.09** | 07-29 |
| **41.874.04** | 06-21 |
| **41.874.16** | 06-21 |
| **41.877.23** | 06-21 |
| **41.878.11** | 06-24 |
| **41.878.11ZS** | 06-24 |
| **41.881.01** | 06-48 |
| **41.881.02** | 06-48 |
| **41.905.00** | 06-49 |
| **41.914.16** | 06-49 |
| **41.916.15** | 06-49 |
| **41.917.15** | 06-49 |
| **42.315.16** | 06-26 |
| **42.315.16S** | 06-26 |
| **42.316.15** | 06-26 |
| **42.320.14** | 06-27 |
| **42.320.15** | 06-27 |
| **42.321.90** | 06-27 |
| **42.324.15** | 06-26 |
| **42.326.15** | 06-26 |
| **42.328.15** | 06-26 |
| **42.332.14** | 06-27 |
| **42.334.17** | 06-27 |
| **42.358.15** | 06-26 |
| **42.360.15** | 06-26 |
| **42.362.15** | 06-26 |
| **42.404.16** | 06-28 |
| **42.406.14** | 06-28 |
| **42.412.15** | 06-28 |
| **42.413.15** | 06-28 |
| **42.620.18** | 06-28 |
| **42.621.18** | 06-28 |
| **42.646.15** | 06-28 |
| **42.647.15** | 06-28 |
| **42.650.18** | 06-27 |
| **42.652.18** | 06-27 |
| **46.005.65** | 06-30 |
| **46.005.70** | 06-31 |
| **46.007.00** | 06-30 |
| **46.007.00** | 08-19 |
| **46.007.01** | 06-30 |
| **46.007.05** | 06-32 |
| **46.007.10** | 06-32 |
| **46.007.11** | 06-32 |
| **46.007.18** | 06-29 |
| **46.007.18** | 07-06 |
| **46.007.20** | 06-32 |
| **46.007.30** | 06-32 |
| **46.007.31** | 06-32 |
| **46.007.40** | 06-30 |
| **46.007.45** | 06-30 |
| **46.007.50** | 06-32 |
| **46.010.03** | 06-31 |
| **46.010.04** | 06-31 |
| **46.013.00Z** | 06-31 |
| **46.013.00Z** | 08-16 |
| **46.013.00Z** | 08-19 |
| **46.013.00Z** | 08-20 |
| **46.013.05** | 06-31 |
| **46.013.05** | 08-16 |
| **46.014.10** | 06-30 |
| **46.014.11** | 06-30 |
| **46.014.12** | 06-30 |
| **46.014.12D** | 06-30 |
| **46.014.15** | 06-30 |
| **46.014.15C** | 06-30 |
| **46.016.03** | 08-16 |
| **46.016.03** | 06-31 |
| **46.016.04** | 08-16 |
| **46.016.04** | 06-31 |
| **46.016.07** | 08-16 |
| **46.016.07** | 06-31 |
| **46.016.09** | 08-16 |
| **46.016.09** | 06-31 |
| **46.035.00** | 06-32 |
| **46.035.00** | 08-16 |

| | |
|---|---|
| **46.035.05** | 06-32 |
| **46.035.05** | 08-16 |
| **46.035.05** | 08-18 |
| **46.035.05** | 08-19 |
| **46.035.20** | 08-07 |
| **46.035.30** | 08-06 |
| **46.035.30** | 08-08 |
| **46.036.11** | 07-04 |
| **46.036.21** | 07-04 |
| **46.040.00** | 08-07 |
| **46.040.01** | 08-07 |
| **46.040.01** | 08-07 |
| **46.040.02** | 08-07 |
| **46.040.02** | 08-07 |
| **46.040.03** | 08-06 |
| **46.040.04** | 08-06 |
| **46.040.07** | 08-07 |
| **46.040.07** | 08-07 |
| **46.040.08** | 08-07 |
| **46.040.09** | 08-07 |
| **46.040.15** | 07-42 |
| **46.045.00OX** | 08-05 |
| **46.045.01OX** | 08-04 |
| **46.045.02OX** | 08-04 |
| **46.045.03OX** | 08-04 |
| **46.045.04OX** | 08-04 |
| **46.045.05OX** | 08-04 |
| **46.050.11** | 06-36 |
| **46.050.11SC** | 06-36 |
| **46.050.11TC** | 06-36 |
| **46.050.11TISC** | 06-36 |
| **46.051.11** | 06-36 |
| **46.051.11SC** | 06-36 |
| **46.051.11TC** | 06-36 |
| **46.051.11TISC** | 06-33 |
| **46.051.11TISC** | 06-36 |
| **46.057.11** | 06-35 |
| **46.057.11SC** | 06-35 |
| **46.057.11TISC** | 06-33 |
| **46.057.11TISC** | 06-35 |
| **46.077.16** | 06-34 |
| **46.077.16SC** | 06-34 |
| **46.077.16TC** | 06-34 |
| **46.077.16TISC** | 06-34 |
| **46.081.16** | 06-35 |
| **46.081.16SC** | 06-35 |
| **46.081.16SC** | 07-06 |
| **46.081.16SC** | 08-19 |
| **46.081.16TISC** | 06-33 |
| **46.081.16TISC** | 06-35 |
| **46.111.16** | 06-39 |
| **46.111.16SC** | 06-39 |
| **46.123.17** | 06-38 |
| **46.123.17SC** | 06-38 |
| **46.123.17TC** | 06-38 |
| **46.123.17TISC** | 06-38 |
| **46.200.13** | 06-37 |
| **46.200.13SC** | 06-37 |
| **46.200.13TC** | 06-37 |
| **46.200.13TISC** | 06-37 |
| **46.201.13** | 06-37 |
| **46.201.13SC** | 06-37 |
| **46.201.13TC** | 06-37 |
| **46.201.13TISC** | 06-33 |
| **46.201.13TISC** | 06-37 |
| **46.207.13** | 06-37 |
| **46.207.13SC** | 06-37 |
| **46.221.12** | 06-39 |
| **46.319.17** | 08-10 |
| **46.319.17** | 08-20 |
| **46.319.17N** | 08-11 |
| **46.319.17TISC** | 08-10 |
| **46.321.16** | 08-10 |
| **46.321.16TISC** | 08-10 |
| **46.402.13** | 06-40 |
| **46.402.14** | 06-40 |
| **46.404.13** | 06-40 |
| **46.404.14** | 06-40 |
| **46.431.14** | 06-38 |
| **46.431.14SC** | 06-38 |
| **46.431.14TISC** | 06-33 |
| **46.431.14TISC** | 06-38 |
| **46.516.14** | 06-39 |
| **46.517.14** | 06-39 |
| **46.640.09** | 06-39 |
| **46.640.13** | 06-39 |
| **46.674.10** | 06-40 |
| **46.675.10** | 06-40 |
| **46.685.12** | 06-40 |
| **46.685.12** | 06-48 |
| **46.885.12TC** | 06-40 |
| **46.885.12TC** | 06-48 |
| **47.099.08** | 07-14 |
| **47.099.08*** | 07-10 |
| **47.099.20** | 07-14 |
| **47.099.25** | 07-19 |
| **47.099.26** | 07-19 |
| **47.099.31** | 07-14 |
| **47.099.32** | 07-14 |
| **47.099.33** | 07-14 |
| **47.099.34** | 07-14 |
| **47.099.50** | 07-12 |
| **47.500.31** | 07-18 |
| **47.502.15** | 09-10 |
| **47.503.50** | 10-14 |
| **47.520.00** | 07-37 |
| **47.520.01** | 07-37 |
| **47.520.02** | 07-37 |
| **47.520.03** | 07-37 |
| **47.520.22** | 07-19 |
| **47.520.23** | 07-19 |
| **47.520.25** | 07-19 |
| **47.525.51** | 05-05 |
| **47.525.51** | 05-07 |
| **47.525.51** | 09-11 |
| **47.525.55** | 05-05 |
| **47.525.55** | 05-07 |
| **47.525.55** | 09-11 |
| **47.530.00** | 07-21 |
| **47.560.03** | 07-37 |
| **47.560.05** | 07-37 |
| **47.565.00** | 07-10 |
| **47.565.01** | 07-10 |
| **47.565.02** | 07-10 |
| **47.565.05** | 07-10 |
| **47.565.06** | 07-10 |
| **47.565.07** | 07-10 |
| **47.565.08** | 07-10 |
| **47.565.09** | 07-10 |
| **47.750.03** | 07-16 |
| **47.750.04** | 07-16 |
| **47.750.13** | 07-16 |
| **47.750.14** | 07-16 |
| **47.800.05** | 07-10 |
| **47.803.02** | 09-11 |
| **47.830.00** | 09-10 |
| **47.830.01** | 09-11 |
| **47.832.01** | 09-11 |
| **47.832.02** | 09-11 |
| **47.832.03** | 09-11 |
| **47.832.04** | 09-11 |
| **47.832.05** | 09-11 |
| **47.832.06** | 09-11 |
| **47.832.07** | 09-11 |
| **47.832.08** | 09-11 |
| **47.832.09** | 09-11 |
| **47.833.01** | 09-11 |
| **47.833.02** | 09-11 |
| **47.833.03** | 09-11 |
| **47.833.04** | 09-11 |
| **47.833.05** | 09-11 |
| **47.833.06** | 09-11 |
| **47.833.07** | 09-11 |
| **47.833.08** | 09-11 |
| **47.833.09** | 09-11 |
| **47.834.00** | 07-11 |

| | |
|---|---|
| **47.834.01** | 07-11 |
| **47.847.12** | 07-37 |
| **47.848.00** | 07-24 |
| **47.848.01** | 07-24 |
| **47.848.02** | 07-24 |
| **47.848.03** | 07-24 |
| **47.940.00** | 07-17 |
| **47.940.00** | 07-17 |
| **47.940.01** | 07-17 |
| **47.940.01** | 07-17 |
| **47.942.20** | 07-17 |
| **47.942.28** | 07-17 |
| **47.942.33** | 07-17 |
| **47.942.38** | 07-17 |
| **47.942.43** | 07-17 |
| **47.943.20** | 07-17 |
| **47.943.28** | 07-17 |
| **47.943.33** | 07-17 |
| **47.943.38** | 07-17 |
| **47.943.43** | 07-17 |
| **47.944.20** | 07-17 |
| **47.944.28** | 07-17 |
| **47.944.33** | 07-17 |
| **47.944.38** | 07-17 |
| **47.944.43** | 07-17 |
| **47.945.20** | 07-17 |
| **47.945.28** | 07-17 |
| **47.945.33** | 07-17 |
| **47.945.38** | 07-17 |
| **47.945.43** | 07-17 |
| **47.949.11** | 07-13 |
| **47.949.11** | 07-15 |
| **47.949.12** | 07-13 |
| **47.949.12** | 07-15 |
| **47.949.13** | 07-13 |
| **47.949.13** | 07-15 |
| **47.949.21** | 07-15 |
| **47.949.22** | 07-15 |
| **47.949.23** | 07-15 |
| **47.949.95** | 07-15 |
| **47.954.01** | 07-22 |
| **47.954.35** | 07-22 |
| **47.954.55** | 07-22 |
| **47.955.00** | 07-23 |
| **47.957.00** | 07-07 |
| **47.957.01** | 07-07 |
| **47.957.10** | 07-07 |
| **47.957.15** | 07-07 |
| **47.958.00** | 07-23 |
| **47.958.01** | 07-23 |
| **47.958.03** | 07-23 |
| **47.958.04** | 07-23 |
| **47.961.00** | 07-16 |
| **47.961.20** | 07-16 |
| **47.961.20** | 07-16 |
| **47.961.28** | 07-16 |
| **47.961.33** | 07-16 |
| **47.961.38** | 07-16 |
| **47.961.43** | 07-16 |
| **47.962.20** | 07-16 |
| **47.962.28** | 07-16 |
| **47.962.33** | 07-16 |
| **47.962.38** | 07-16 |
| **47.962.43** | 07-16 |
| **47.962.50** | 07-16 |
| **47.963.50** | 07-16 |
| **47.963.60** | 07-16 |
| **47.966.00** | 07-37 |
| **48.286.08** | 07-41 |
| **48.666.20** | 07-41 |
| **50.226.16** | 06-02 |
| **50.229.16** | 06-02 |
| **53.034.19** | 06-06 |
| **53.034.25** | 06-06 |
| **85.070.01** | 07-20 |
| **85.070.05** | 07-20 |
| **85.070.05** | 07-20 |
| **85.140.00** | 10-12 |
| **85.145.00** | 10-12 |
| **85.150.00** | 10-12 |
| **85.180.00** | 03-22 |
| **85.180.00** | 07-17 |
| **85.180.00** | 08-20 |
| **85.180.00** | 10-04 |
| **85.180.03** | 10-05 |
| **85.180.04** | 10-05 |
| **85.180.05** | 10-05 |
| **85.180.10** | 10-04 |
| **85.181.00** | 03-22 |
| **85.181.00** | 10-04 |
| **85.181.03** | 10-05 |
| **85.181.04** | 05-45 |
| **85.181.04** | 10-05 |
| **85.181.05** | 05-45 |
| **85.181.05** | 10-05 |
| **85.181.09** | 10-04 |
| **85.181.09** | 10-09 |
| **85.182.00** | 03-22 |
| **85.182.00** | 10-04 |
| **85.182.03** | 10-05 |
| **85.182.03** | 10-09 |
| **85.182.04** | 10-05 |
| **85.182.04** | 10-09 |
| **85.182.05** | 10-05 |
| **85.182.05** | 10-09 |
| **85.182.08** | 10-05 |
| **85.182.08** | 10-09 |
| **85.190.10** | 10-14 |
| **85.192.50** | 09-11 |
| **85.192.50** | 10-05 |
| **85.194.00** | 10-05 |
| **85.194.10** | 05-06 |
| **85.194.50** | 10-05 |
| **85.195.00** | 05-45 |
| **85.195.00** | 10-05 |
| **85.195.03** | 10-07 |
| **85.195.10** | 05-06 |
| **85.195.20** | 10-07 |
| **85.195.60** | 10-07 |
| **85.251.03** | 07-29 |
| **85.251.03** | 10-13 |
| **85.251.04** | 07-09 |
| **85.251.04** | 07-19 |
| **85.251.04** | 07-31 |
| **85.251.04** | 07-33 |
| **85.251.04** | 07-35 |
| **85.251.04** | 07-37 |
| **85.251.04** | 08-19 |
| **85.251.04** | 10-13 |
| **85.251.14** | 07-31 |
| **85.251.14** | 07-33 |
| **85.251.14** | 07-35 |
| **85.252.140** | 06-46 |
| **85.252.25** | 10-13 |
| **85.255.02** | 07-37 |
| **85.256.00** | 07-37 |
| **85.264.350** | 06-46 |
| **85.312.XX** | 10-11 |
| **85.327.00** | 10-11 |
| **85.327.10** | 10-11 |
| **85.327.15** | 10-11 |
| **85.327.20** | 10-11 |
| **85.327.30** | 10-11 |
| **85.327.50** | 10-11 |
| **85.327.60** | 10-11 |
| **85.327.70** | 10-11 |
| **85.903.01** | 10-12 |
| **85.903.03** | 10-12 |
| **85.903.04** | 10-12 |
| **85.995.00** | 10-07 |
| **85.995.01** | 10-07 |
| **85.995.20** | 10-06 |
| **85.995.25** | 10-06 |

# Terms of Delivery and Payment

**Helmut Zepf Medizintechnik GmbH**

**1. Offers and order acceptance**
Our offers are always subject to confirmation and without obligation. Telephone and verbal agreements and arrangements with our agents shall become legally valid only after they have been confirmed by us in writing. Deviations in the orders of the buyers relative to our terms of delivery and payment shall not be binding for us, if we have not declared our approval in writing. The subsequent correction of potential errors in offers and invoices shall be permitted for us explicitly and in every case.

**2. Delivery**
All our data on delivery times shall be approximate only and non-binding.

**3. Calculation**
The prices agreed upon are net prices plus the respective legally applicable value-added tax.

**4. Warranty**
Within a period of one year we shall grant warranty for defects, which are caused by manufacturing or material faults. Potential defects shall have to be indicated to the supplier in writing immediately, at the latest, however, within eight days after receipt of the delivery. In case of justified notification of defects, the supplier shall be obligated to rework or replace as chosen. Any exceeding warranty claims, in particular for damage which has not been caused to the supplied goods themselves shall be ruled out, provided no intent or gross negligence can be substantiated. Our obligation of warranty shall not apply, if the defect or modification of the goods supplied is caused by incorrect intervention of the ordering or third parties. Moreover the warranty obligation shall not apply in case of incorrect handling or excessive wear of the goods by the ordering or third parties.

**5. Packaging**
If the order does not define the packaging, we shall choose the packaging at our discretion.

**6. Delivery / shipment**
The delivery is made ex works. The goods shall be transported to the place of destination always at the costs and risk of the buyer, no matter by which route and which means of transportation is chosen. The road tolls, provided they are not paid by us in case of freight-paid fob or cif deliveries, shall be borne by the buyer. Neither do we assume any obligation for delivery in time nor for the full utilization of loading capacity of the means of transportation. Moreover, the buyer shall bear the costs of the transport insurance.

**7. Payment**
Our invoices shall be due for payment without deduction within thirty days after invoicing. In case of payment within eight days we grant a discount of two per cent. Repairs and interest shall be payable immediately and without deduction. Cheques and bills of exchange shall be accepted only in lieu of payment, the latter only after previous arrangement. Costs for bills of exchange and discount charges shall be borne by the ordering party.

Payments shall be considered made as from the day, at which the supplier can avail himself of the invoiced amount in cash without any loss. In case of default in payment of the ordering parts we shall be permitted to charge default interest of 5 per cent above the respective basic interest rate of the European Central Bank as from the occurrence of default, and to declare due any amounts potentially deferred. Before complete payment of all invoices due including default interest, the supplier shall not be obligated to any further deliveries from a current contract. A complaint, even when justified, shall not permit the buyer to delay payment or to change the terms of payment.

**8. Retention of title**
Until complete redemption of all obligations from the business relationship, also of others and future businesses of the buyer with us, the goods supplied shall remain our property. For the duration of the retention of title of the seller, the buyer obligates himself to handle the goods correctly and with care. Within the framework of his normal standard business operation, the buyer may sell and process the goods. The claims of the buyer from the sales of the goods subject to retention of title shall be assigned to us now already until our claims from good delivery are paid off completely, irrespective of whether the goods subject to retention of title have been sold without or after processing or whether they have been sold to one or several buyers. The assigned claims serve as our security, however only to the value of the respectively sold goods subject to retention of title. The buyer is entitled to sell the goods subject to retention of title only in keeping with the agreement hereinbefore on the assignment of the purchase price claim. In case of seizure of the goods or the transfer of the purchase price claim to a third party in their place, the buyer is obligated to inform us immediately. We obligate ourselves to return or to transfer back the securities assigned to us at our discretion in keeping with the conditions mentioned hereinbefore, provided the value exceeds the claims to be secured by 20 per cent.

**9. Place of performance and venue**
The place of performance and venue shall be D-78532 Tuttlingen in Germany for all rights and obligations arising from the business relationship with us. The law of the Federal Republic of Germany shall apply exclusively for all legal matters under exclusion of the conflict of laws and the agreement of the United Nations on Contracts of the International Sale of Goods (CISG).

**10. Data storage**
We are permitted to save and process personal data of the ordering party.

**11. Final clauses**
The potential ineffectiveness of individual stipulations of these terms of business shall not affect the validity of the other stipulations.

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