ZEPF dental essentials

HELMUT ZEPF
1921-2021

100 Years Made in Germany

ZEPFessentials K21/1E

The better grade of dental instruments since 1921

Goldener Meisterbrief

Helmut Zepf

Chirurgiemechanikermeister

FÜR 40 JAHRE MEISTER DES DEUTSCHEN HANDWERKS

VERLIEHEN VON DER HANDWERKSKAMMER KONSTANZ

PRÄSIDENT

SYNDIKUS

KONSTANZ, DEN 29. MAERZ 1987

100 Years Made in Germany

1921 1938 1956 1978

HZS Qualitäts-Erzeugnisse

HELMUT ZEPF

True craftsmanship The Helmut Zepf Medizintechnik GmbH success began in 1921 with one of the most influential surgeons of the 20th century, Prof. Ernst Ferdinand Sauerbruch. The pioneer of thoracic surgery is known worldwide for his groundbreaking surgical methods. Simple surgical instruments do not meet his high expectations. In his quest for high-quality instruments, he turned to Isidor Zepf, a small instrument producer in the town of Seitingen-Oberflacht, in the Swabia region of southern Germany. The professor has very specific ideas, and Isidor Zepf promises him a solution for a surgical instrument set for an arm or leg prosthesis. To Sauerbruch's delight, he solves this tricky task with flying colors. The foundation stone is laid for success in the years to come, and history takes its course.

100 years and four generations 100 years and four generations later, Helmut Zepf Medizintechnik GmbH stays true to this promise. According to its mission statement "Aesthetic is the result", the company develops innovative solutions in close cooperation with renowned physicians and health professionals. Many years of experience and sound knowledge of the field of application are incorporated in the developments. The focus is on functionality, ergonomics and safety, all packaged in an attractive design. A one-man business has grown into a leading manufacturer of medical and surgical instruments.

Over the years, the product portfolio has matured in the areas of diagnostics, periodontology, conservation, extraction, dental surgery, implantology, microsurgery and dental technology. Then there are the Zepfcare product families, with useful accessories, as well as CMF (Cranio Maxillofacial Fracture) systems. The company now offers a wide range of products and supplies implantologists and orthodontists in over 70 countries. Craftsmanship "Made in Germany".

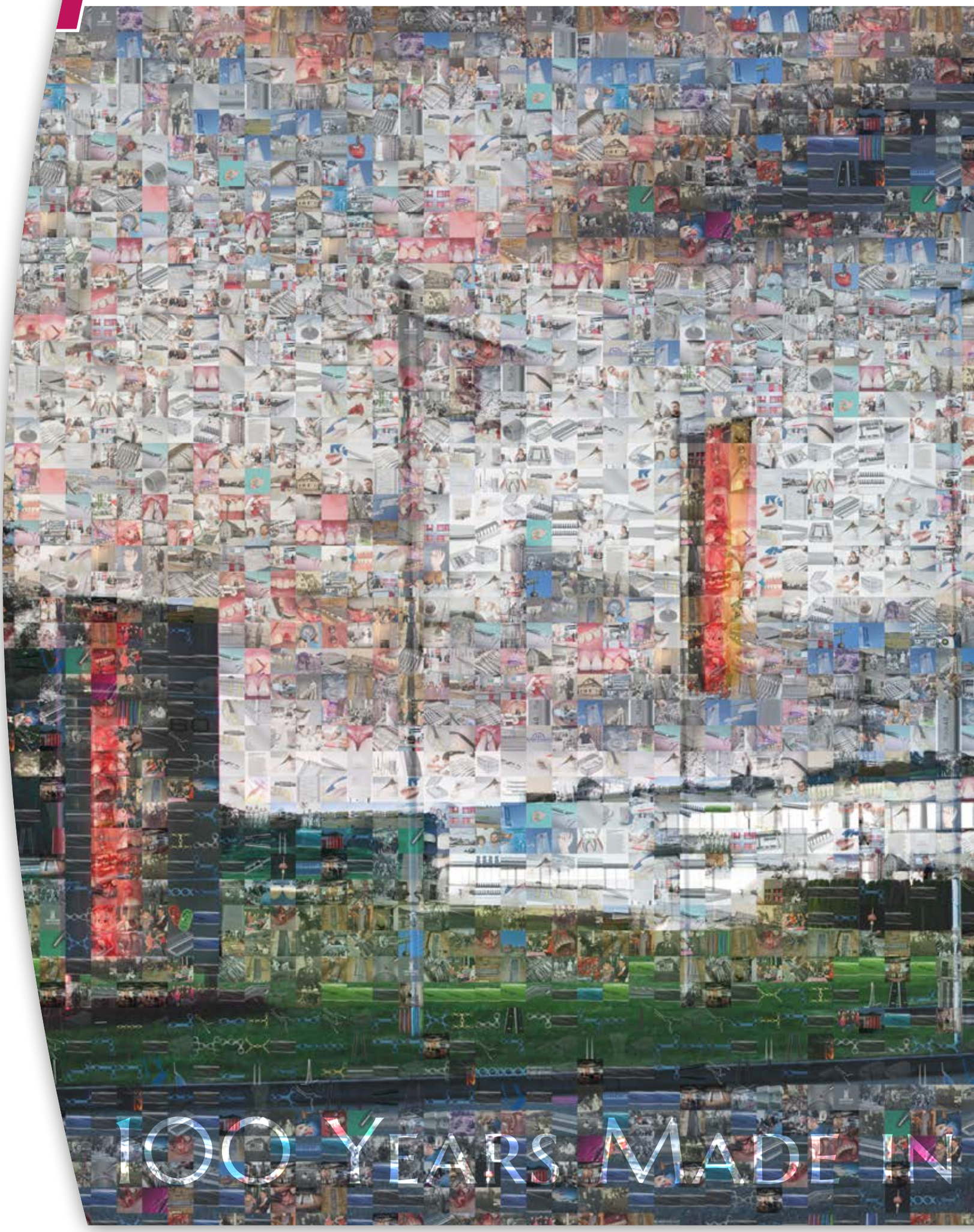
Tuttlingen Besides the strong family ties, the Tuttlingen location, as a world center for medical technology, also contributes to the company's affinity towards its origins in Seitingen-Oberflacht. New production buildings, state-of-the-art manufacturing facilities and IT technologies have been created in recent years. Over 100 employees work on the company site today. Numerous products leave the 3,500 sqm production facility daily, making their way all over the world via the internal logistics center. With its high density of qualified specialists, Helmut Zepf Medizintechnik GmbH has always managed to assert itself as a trendsetter in the field of dental hand instruments. The team is supported by expert quality management, ensuring product safety in terms of medical standards and the highest hygiene regulations.

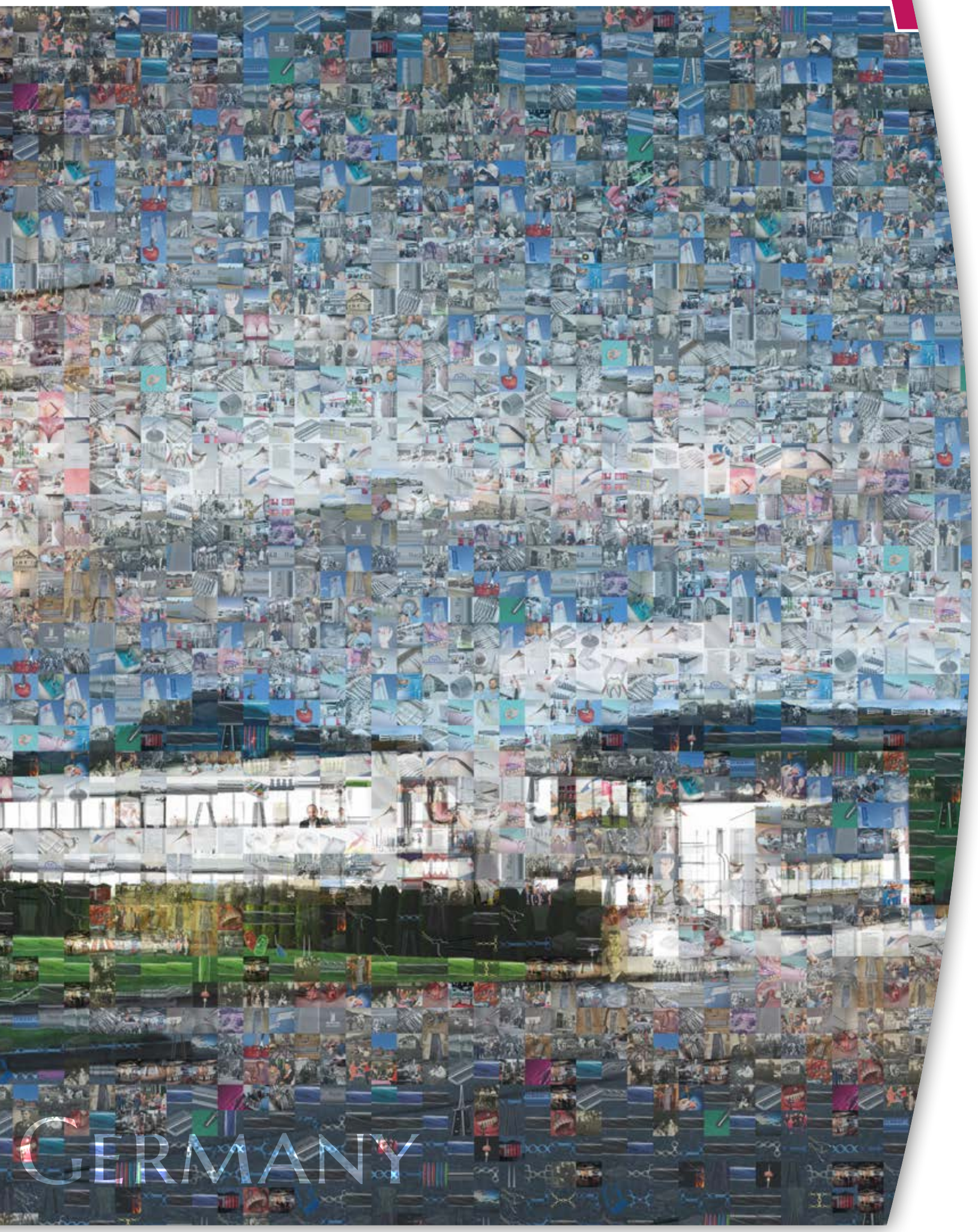
1992 2005 2021

HELMUT ZEPF
MEDIZINTECHNIK GMBH

A family The employees play an important role in the history of Helmut Zepf Medizintechnik GmbH. As a family company, we are aware of the responsibility this entails. Modern jobs in the workplace, flat hierarchies and special benefits continue to contribute to the informal working atmosphere, while exciting training opportunities enhance attractiveness for young talent. The company demonstrates its close ties with the region and its people through its social commitment in local organizations, among other things.

Helmut Zepf Medizintechnik GmbH today Following in the footsteps of his predecessors Isidor Zepf, Helmut Zepf Senior and Helmut Zepf Junior, Patrick Zepf took over the reins of the family company in 2018. True to the motto of the company founder: "high quality criteria and openness for innovation", Patrick Zepf also successfully follows this mission. The family looks back over the past 100 years with pride. Over generations, it has managed to withstand crises, to recognise the trends of the times and to encounter them with an open mind.


100 YEARS MADE IN


GERMANY

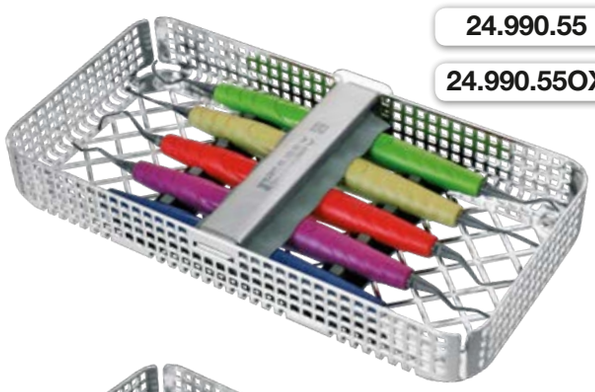
ZEPF BIONIK Prophylaxis Sets

The **HELMUT ZEPF** BIONIK handle corresponds with the demand of an anatomically adjusted handle for prophylaxis. The perfect shape regarding power transmission and sensitivity enables a tactile curetting and scaling.

The adaptation of the practice-oriented requirements regarding communication, hygienics and flexibility make the **HELMUT ZEPF** BIONIK handle the perfect instrument holder not only for dental diagnosis and prophylaxis, but also for surgery, implantology and microsurgery.

All inserts are exchangeable. *QUICK***FIX**

reddot design award
winner 2010



24.990.55
24.990.55OX

ZEPF BIONIK Prophylaxis Set M5 'Deep Scaling'

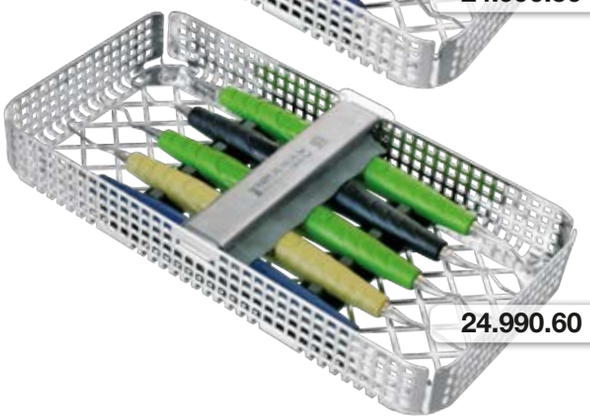
Set with nanopal coating

For an optimal subgingival acccess. Consisting of Gracey 1/2 M5, 7/8 M5, 11/12 M5, 13/14 M5, Scaler 204S and 1/3 Washtray.

With the nanopal coating the surface hardness is increased to 4500 vickers – as never seen before. The blade is highly quenched and does not need to be sharpened.

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



24.990.60

ZEPF BIONIK Prophylaxis Set 'Universal', consisting of Langer 1/2, 3/4, 5/6, M23, Scaler 204S and 1/3 Washtray

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

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

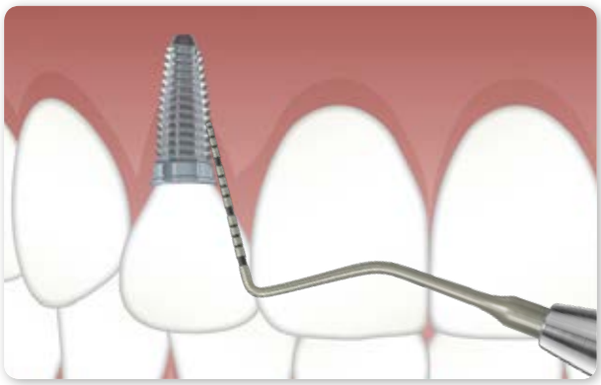
Titanium Periodontal Probe

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

PA Probe North Carolina CNC, now also in titanium, complete in the BIONIK handle.

PA probes are used to measure pocket depths. Probing along the root or the implant as an indispensable examination to detect the inflammatory activity and the corresponding bone resorption.

Due to peri-implantitis (inflamed tissue around an implant), gum inflammation and bone resorption can also occur with implants, so regular checking of pocket depths is essential.



In this illustration, the pocket depth is measured with a **titanium** PA probe to avoid damage of the sensitive titanium surface of the implant.

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

ZEPF BIONIK M5 Titanium Curettes

HELMUT ZEPF M5 Titanium Curettes have a 1st shaft which is about 3 mm longer.
To remove the accumulated plaque film on the implant necks.

Available as accessories:

24.926.75 **Test Probe, Acrylic Glass** 76 x 6 mm, PU = 6 pieces and

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

24.990.55TI **ZEPF BIONIK Prophylaxis Set 'Titanium M5 Gracey'**, consisting of Gracey 1/2 M5-TI, 7/8 M5-TI, 11/12 M5-TI, 13/14 M5-TI and 1/3 Washtray

24.201.01GM5-TI GRA 1/2 M5 Special Curette, for front teeth, slightly angled, yellow

24.205.07GM5-TI GRA 7/8 M5 Special Curette, for premolars/molars, more sharply angled, lightred-magenta

24.204.11GM5-TI GRA 11/12 M5 Special Curette, for use on all mesial surfaces of premolars/molars. Skewed to allow optimal placement, signal purple

24.207.13GM5-TI GRA 13/14 M5 Special Curette, for use on all distal surfaces of premolars/molars. Skewed to allow optimal placement, cobalt blue

24.208.06HF **Hygienist**, # H 6/7, Sickle Scaler with opposed tips, **very fine version**, for front teeth and premolars, yellow-green

24.208.06H-TI **Titanium version** with regular tips, 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.

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.

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

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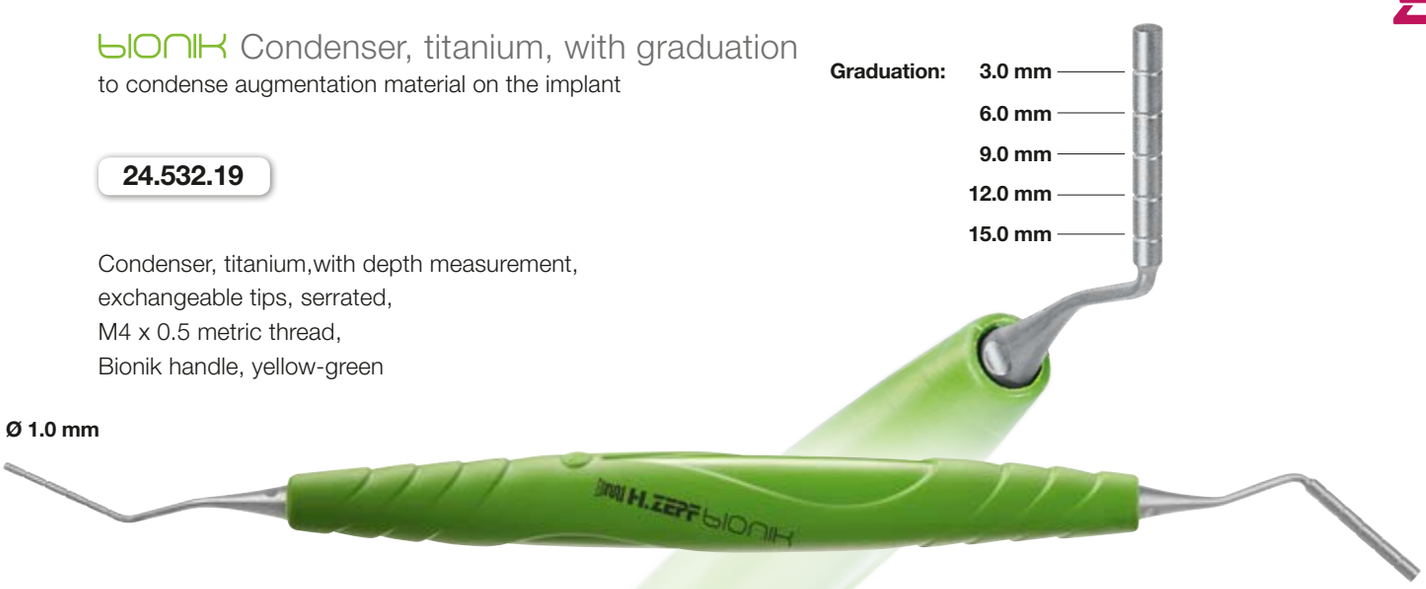
bionik Condenser, titanium, with graduation
to condense augmentation material on the implant

24.532.19

Condenser, titanium,with depth measurement,
exchangeable tips, serrated,
M4 x 0.5 metric thread,
Bionik handle, yellow-green



bionik ZEPF

reddot design award
winner 2010

bionik **Universal Handle** Universal Handle made of PEEK high-tech plastic material – guarantees an ideal power transmission with formerly unknown sensitivity.

Langer Universal Curettes

in **ZEPF** BIONIK handle

Unlike Gracey Curettes, Universal Curettes have two working surfaces / 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 3 instruments (Langer fig. 1/2, 3/4 and 5/6) allow an efficient prophylaxis treatment in all quadrants.

24.751.105L

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

24.201.05L

24.751.106L

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

24.751.103L

8-4 | 4-8
- | -

24.208.03L

24.751.104L

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

24.751.101L

- | -
8-4 | 4-8

24.210.01L

24.751.102L

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

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.

24.751.105L-TI

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

24.201.05L-TI

24.751.106L-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

24.751.103L-TI

8-4 | 4-8
- | -

24.208.03L-TI

24.751.104L-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

24.751.101L-TI

- | -
8-4 | 4-8

24.210.01L-TI

24.751.102L-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

Langer M5 Universal-Küretten

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.

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

24.201.05LM5

24.751.105LM5 **Langer**, # L 5/6, M5 Curette, Ø 0.95, **24.751.106LM5**
for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable

8-4 | 4-8
- | -

24.208.03LM5

24.751.103LM5 **Langer**, # L 3/4, M5 Curette, Ø 0.95, **24.751.104LM5**
for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable

- | -
8-4 | 4-8

24.210.01LM5

24.751.101LM5 **Langer**, # L 1/2, M5 Curette, Ø 0.95, **24.751.102LM5**
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.

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

24.201.05LM5OX

24.751.105LM5OX **Langer**, # L 5/6, M5 Curette with **ZEPF** NANOPAL® coating, Ø 0.95, **24.751.106LM5OX**
for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable

8-4 | 4-8
- | -

24.208.03LM5OX

24.751.103LM5OX **Langer**, # L 3/4, M5 Curette with **ZEPF** NANOPAL® coating, Ø 0.95, **24.751.104LM5OX**
for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable

- | -
8-4 | 4-8

24.210.01LM5OX

24.751.101LM5OX **Langer**, # L 1/2 M5 Curette with **ZEPF** NANOPAL® coating, Ø 0.95, **24.751.102LM5OX**
for use on lower molars and premolars, in **ZEPF** BIONIK handle black, exchangeable

Langer M5 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.


5-1	1-5
5-1	1-5

24.201.05LF

24.751.105LF **Langer**, # L 5/6 Universal Curette, delicate version, Ø 0.95, **24.751.106LF**
for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable


8-4	4-8
-	-

24.208.03LF

24.751.103LF **Langer**, # L 3/4, Universal Curette, delicate version, Ø 0.95, **24.751.104LF**
for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable


-	-
8-4	4-8

24.210.01LF

24.751.101LF **Langer**, # L 1/2, Universal Curette, delicate version, Ø 0.95, **24.751.102LF**
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.


5-1	1-5
5-1	1-5

24.201.05LFOX

24.751.105LFOX **Langer**, # L 5/6, Universal Curette with **ZEPF** NANOPAL® coating, delicate version, **24.751.106LFOX**
Ø 0.95, for use on upper and lower front teeth, in **ZEPF** BIONIK handle yellow, exchangeable


8-4	4-8
-	-

24.208.03LFOX

24.751.103LFOX **Langer**, # L 3/4, Universal Curette with **ZEPF** NANOPAL® coating, delicate version, **24.751.104LFOX**
Ø 0.95, for use on upper molars and premolars, in **ZEPF** BIONIK handle yellow-green, exchangeable


-	-
8-4	4-8

24.210.01LFOX

24.751.101LFOX **Langer**, # L 1/2 Universal Curette with **ZEPF** NANOPAL® coating, delicate version, **24.751.102LFOX**
Ø 0.95, for use on lower molars and premolars, in **ZEPF** BIONIK handle black, exchangeable

The new handle generation!

Z-SHAPE RELAX

With the new **ZEPF** M5 Gracey curettes, instruments are presented in a new conception. The Z-SHAPE Relax handles **24.989.55OX** were designed according to ergonomic knowledge for the optimal working process during the curettage. Both, the handle and the thin filigree surfaces are coated with the new **ZEPF** nanopal® coating.

Ergonomic
optimally designed

The new **ZEPF** Gracey curettes have a 0.95 mm thin, flexible and therefore tactile 1st shaft. Thus, the curettes offer a perfect adaption to deep-lying roots.

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.

nanopal®

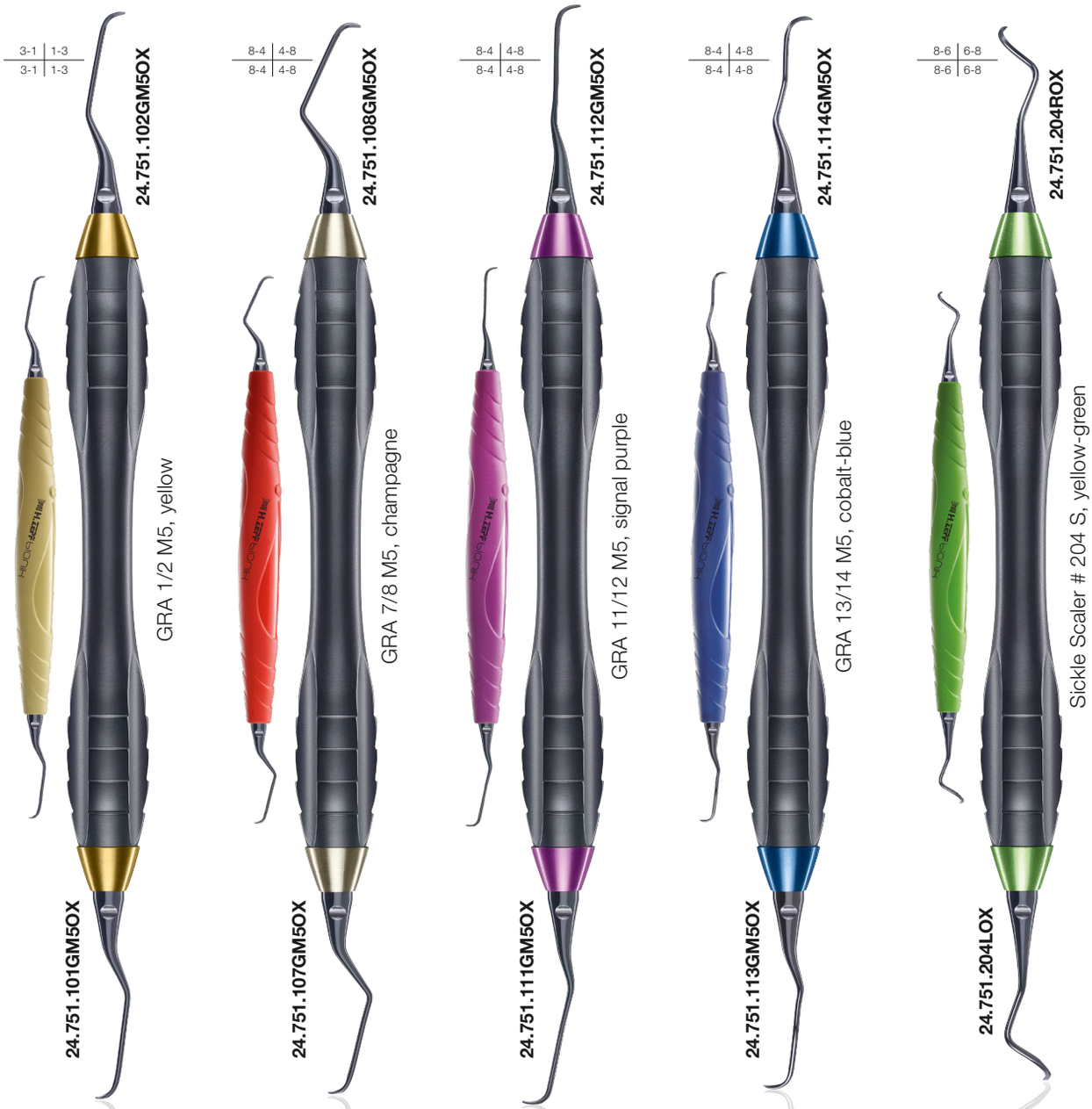
Adaption to the surface due to flexible shaft

Ideal grip and high cutting performance

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.



24.221.01GM5OX	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

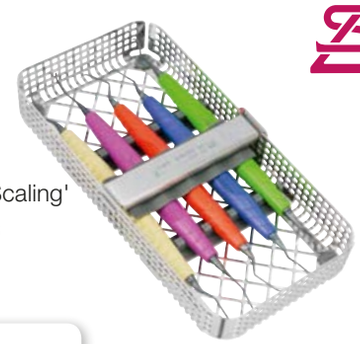
Sickle Curette (Molar Scaler), # M23A for removing dental plaque from interdental spaces in the molar area. Also suitable for general use, yellow-green

24.228.04SDOX
24.208.04SDOX
BIONIK version

24.228.23AOX
24.208.23AOX
BIONIK version

24.989.55OX

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



24.990.55OX

ZEPF Prophylaxis Set 'M5 Deep Scaling'
in **ZEPF** BIONIK handle, inserts
with nanopal coating

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.

Macro / Micro Needle Holder SpinLock

ZEPF-Line with SpinLock technology, lock and protected inner double spring, TC, made out of stainless steel.

41.200.17TC-K
5/0 - 8/0

41.201.15TC
4/0 - 8/0

Needle Holder acc. to Dr. Kirsch TC

41.200.17TC-K 17.5 cm

41.201.17TC-K 17.5 cm

Micro Needle Holder TC

41.200.15TC 16 cm

41.200.17TC 17.5 cm

41.201.15TC 16 cm

41.201.17TC 17.5 cm

Double-Action Micro Needle Holder SpinLock

4/0 - 8/0

Micro Needle Holder

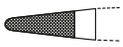
41.017.17 17.5 cm

Tungsten carbide, transmitted, **ZEPF**-Line, serrated, jaw width 0.6 mm.

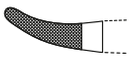
Micro Needle Holder SpinLock

ZEPF-Line with SpinLock technology, TC, serrated, lock, made out of stainless steel.

41.010.17TC straight, 17.5 cm



41.010.17TC-M Macro jaws, straight, 17.5 cm



41.011.17TC-M Macro jaws, curved, 17.5 cm

41.011.17TC curved, 18 cm

41.015.17 Hold'n'Cut acc. to PD Dr. Weng, combined with scissors, 17.5 cm

SpinLock **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.

onyx DESIGN 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.

ZEPF-Line, sharp / sharp, 45° angulated, 16 cm

46.321.16 stainless steel

46.321.16TISC onyx

ZEPF-Line, sharp / sharp, curved, 17 cm

46.319.17 stainless steel

46.319.17TISC onyx

ZEPF Suture Removal Scissors acc. to Dentist Beck, 17.5 cm

ZEPF-Line, with retaining function, micro-serrations, sharp / sharp, curved, SpinLock

46.319.17N stainless steel

ZEPF Micro Forceps

Cooley
18 cm

22.815.17 stainless steel

Tissue Forceps
1 x 2 teeth, 17.5 cm

22.810.17 stainless steel

22.810.17D

Dressing Forceps
smooth, 18 cm

22.820.17 stainless steel

22.820.17D

New **ZEPF** Micro Tweezers

The new Cooley Tweezers
The Cooley Micro Tweezers have a new bend to allow a better access to retromolar regions.

The new Micro Suture Forceps
were more and more demanded for microsurgical purposes. When suturing, a safe soft tissue management is guaranteed with these forceps.

ZEPF Micro Tweezers Cooley Special, 25° curved, long tips, for retromolar region

22.823.17

ZEPF Micro Suture Forceps, smooth inner surfaces, outer Ø 2 mm, 18 cm

22.814.17

ZEPF Essentials Surgery Tray

46.081.16SC **Joseph Scissors,** curved, micro serrated, SuperCut, 14 cm

41.200.17TC **Micro Needle Holder, ZEPF**-Line, with lock & protected inner spring, SpinLock, stainless steel, 17.5 cm, TC

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

46.007.02 **Drop-Control▶** Scalpel Blade Holder

22.025.03 **Tweezers,** with stop-pin, ergonomic, 15 cm

19.649.30 **Surgical Aspirator,** Ø 3 mm, curved, 17.5 cm

Back Action 90° | Dissector, blunt

41.854.20 **41.854.10**

Papillex acc. to PD Dr. Weng | Scalpel, sharp, 4 mm

46.035.15 **46.035.10**

Spoon, 6 mm | Plugger, 5 mm

41.854.21 **41.854.11**

Prichard Spatula | Prichard Raspatory, 4 mm

41.854.22 **41.854.12**

Curette Lucas, 2.5 mm

41.855.22 **41.855.20**

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

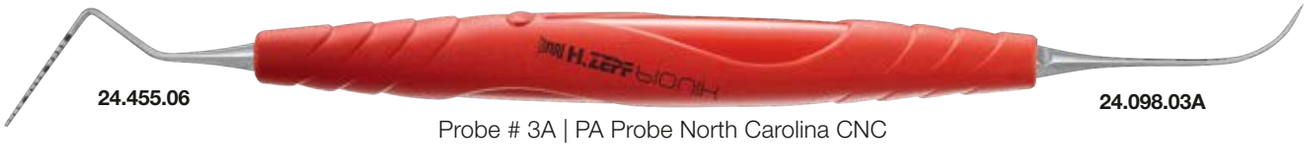
Universal Curette # M23

24.205.23 **24.207.23**

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

Hygienist, very fine version # H6 | # H7

24.205.06HF **24.207.06HF**



Probe # 3A | PA Probe North Carolina CNC

24.854.24 **24.854.14**

MEGAduo Mouth Mirror Insert | bionik Universal Handle single-ended

26.194.05 **26.194.07**

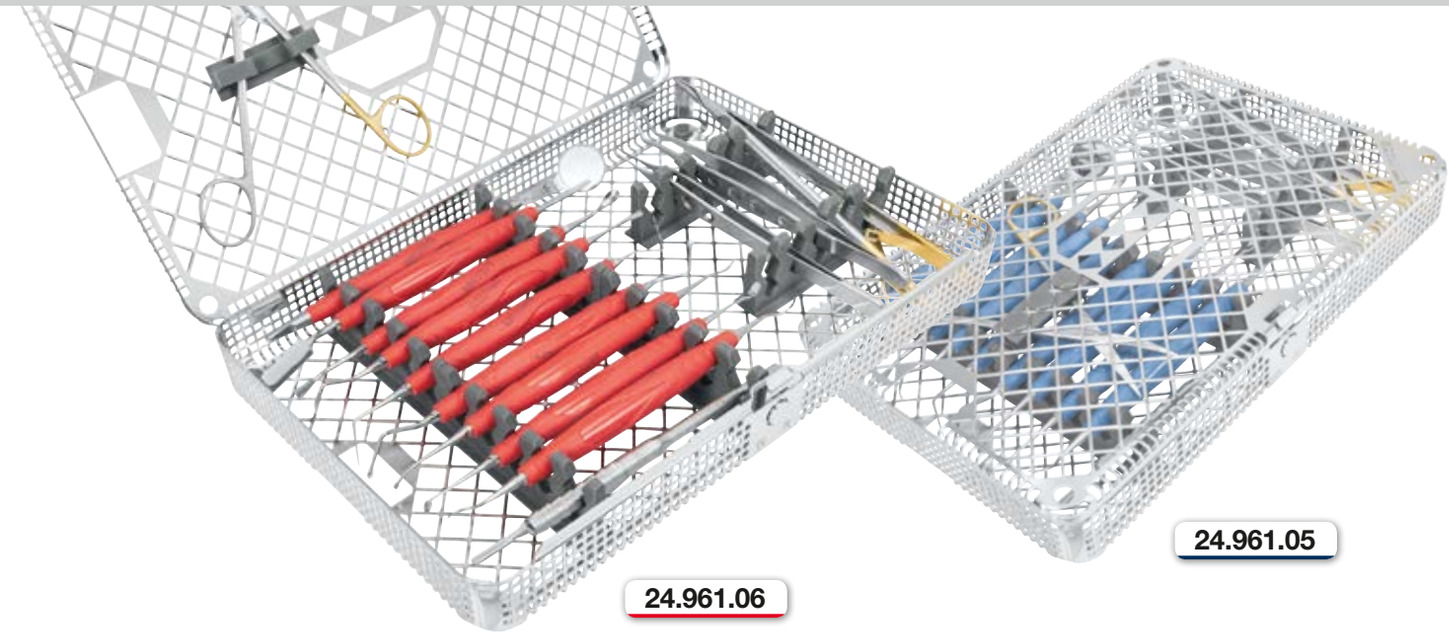
ZEPF Essentials Surgery Tray

The **ZEPF** Essentials in cobalt-blue or lightred-magenta is a cost-efficient set compiled in many years of experience, leaving the practitioner nothing to be desired. All the oral surgical, implantological and periodontal aspects can be covered by this set.

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.

The BIONIK Universal Handle Instruments are available separately in **cobalt-blue** or **lightred-magenta**.

Art. No.	Art. No.	Description
41.854.20	**41.854.10**	Back Action 90° | Dissector, blunt
46.035.15	**46.035.10**	Papillex acc. to PD Dr. Weng | Scalpel, sharp, 4 mm
41.854.21	**41.854.11**	Spoon, 6 mm | Plugger, 5 mm
41.854.22	**41.854.12**	Prichard Spatula | Prichard Raspatory, 4 mm
24.072.22.	**24.072.22.**	MEGAduo Mouth Mirror Insert
26.194.05	**26.194.07**	BIONIK Universal Handle single-ended
41.855.22	**41.855.20**	Curette Lucas, 2.5 mm
24.205.23	**24.207.23**	Universal Curette # M23
24.205.06HF	**24.207.06HF**	Hygienist, very fine version # H6 | # H7
24.854.24	**24.854.14**	Probe # 3A | PA Probe North Carolina CNC
41.200.17TC	**41.200.17TC**	Micro Needle Holder, **ZEPF** -Line, with lock & protected inner spring, SpinLock, stainless steel, 17.5 cm, TC
46.081.16SC	**46.081.16SC**	Joseph Scissors, curved, micro serrated, SuperCut, 14 cm
46.007.02	**46.007.02**	**ZEPF** Drop-Control® Scalpel Blade Holder
22.489.00	**22.489.00**	Micro-Adson, 1 x 2 teeth, with suture plate, 15 cm
22.025.03	**22.025.03**	Tweezers, with stop-pin, ergonomic, 15 cm
19.649.30	**19.649.30**	Surgical Aspirator, Ø 3 mm, curved, 17.5 cm



ZEPF ECO ImplaTool Set

The **ZEPF** ECO ImplaTool Set in cobalt-blue (**26.961.05**) or lightred-magenta (**26.961.06**).
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.

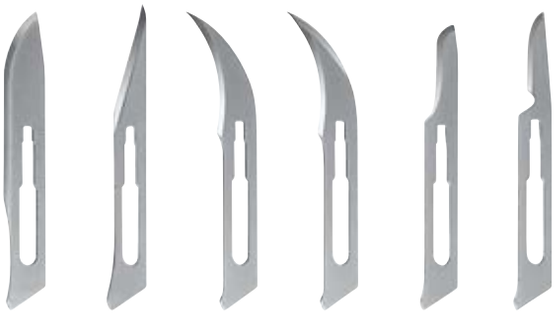
The exchangeable working tips inserted in the ergonomic bionik handle offer highest economy and best tactile handling. Clearly organized in a washbasket – so everything is always easily at hand for the practitioner.

The bionik Universal Handle Instruments are available separately in **cobalt-blue** or **lightred-magenta**.

Art. No.	Art. No.	Description
46.036.21	**46.036.11**	Dissector, blunt | Papillex
41.853.21	**41.853.11**	Back Action 90° | Scalpel, sharp, 4 mm
41.854.21	**41.854.11**	Plugger, 5 mm | Spoon, 6 mm
41.854.22	**41.854.12**	Prichard Raspatory, 4 mm | Prichard Spatula
24.072.22.	**24.072.22.**	MEGAduo Mouth Mirror Insert
26.194.05	**26.194.07**	bionik Universal Handle single-ended
41.855.22	**41.855.20**	Curette Lucas, 2.5 mm
41.854.23	**41.854.13**	Sinus Elevator, double-ended, acc. to Ho-Hi
24.205.06HF	**24.207.06HF**	Hygienist, very fine version # H6 | # H7
24.853.24	**24.853.14**	Probe # 16 | PA Probe North Carolina CNC
41.200.17TC	**41.200.17TC**	Micro Needle Holder, **ZEPF** -Line, with lock & protected inner spring, SpinLock, stainless steel, 17.5 cm, TC
46.081.16SC	**46.081.16SC**	Joseph Scissors curved, micro serrated, SuperCut, 14 cm
46.007.02	**46.007.02**	**ZEPF** Drop-Control® Scalpel Blade Holder
22.489.00	**22.489.00**	Micro-Adson, 1 x 2 teeth, with suture plate, 15 cm
22.025.03	**22.025.03**	Tweezers, with stop-pin, ergonomic, 15 cm

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

Micro Surgical Scalpel Blades

Supplied in packs of 25 pieces, sterile

46.016.03*	# 63
46.016.04*	# 64
46.016.07*	# 67
46.016.09*	# 69

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

46.013.05Z Scalpel Handle, titanium, **ZEPF**-Line, light weight, for blades # 10-15, 13.5 cm

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

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 M2.5

46.007.10

3D-Blade Holder Handle
with Pivoted Head, 12.5 cm

ZEPF Drop-Control

Blade Holder – new Design

As many customers asked for a heavier scalpel handle, we developed a new **ZEPF** Drop-Control® Blade Holder in the ergonomic BIONIK design.
With reference to the mechanism of a ball pen, **the blade will be dropped off by pushing the button at the end.**

The object of this development was a simplified application with the same diameter of the blade holder. Therefore there is no need to adapt to a new application / ergonomics for our regular blade holder!
The **ZEPF** 'Drop-Control®' Blade Holder perfectly fits into our **ZEPF** Design product range for surgery, implantology and microsurgery thanks to its diameter, design and ergonomics.

By pressing the button at the end of the blade holder the mechanism which lifts the blade is triggered off. The blade is pushed forward so that it falls safely and controlled in a tray or cup.

Afterwards the one-hand ejection function moves back in its initial position. After cleaning and sterilization you can insert a new blade – as usual.

The advantage lies in the fact that the used blade can be removed in a safe and controllable way in order to prevent a contaminated injury or infection.

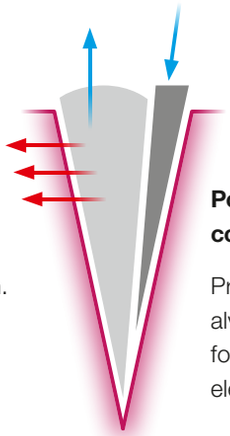
Benex® II Extraction System and Basic Kit

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

VIDEO
APPLICATION

Polygon of forces with Benex® II

Purely axial traction.



Polygon of forces, conventional:

Pressure on the alveolar wall by forceps or root elevator.

1. Root fracture: Pivot tooth extracted
2. Axial removal with Benex®II
3. Soft and hard tissues preserved
4. Soft tissue, 12 weeks after extraction
5. Alveolar ridge, 12 weeks after extraction

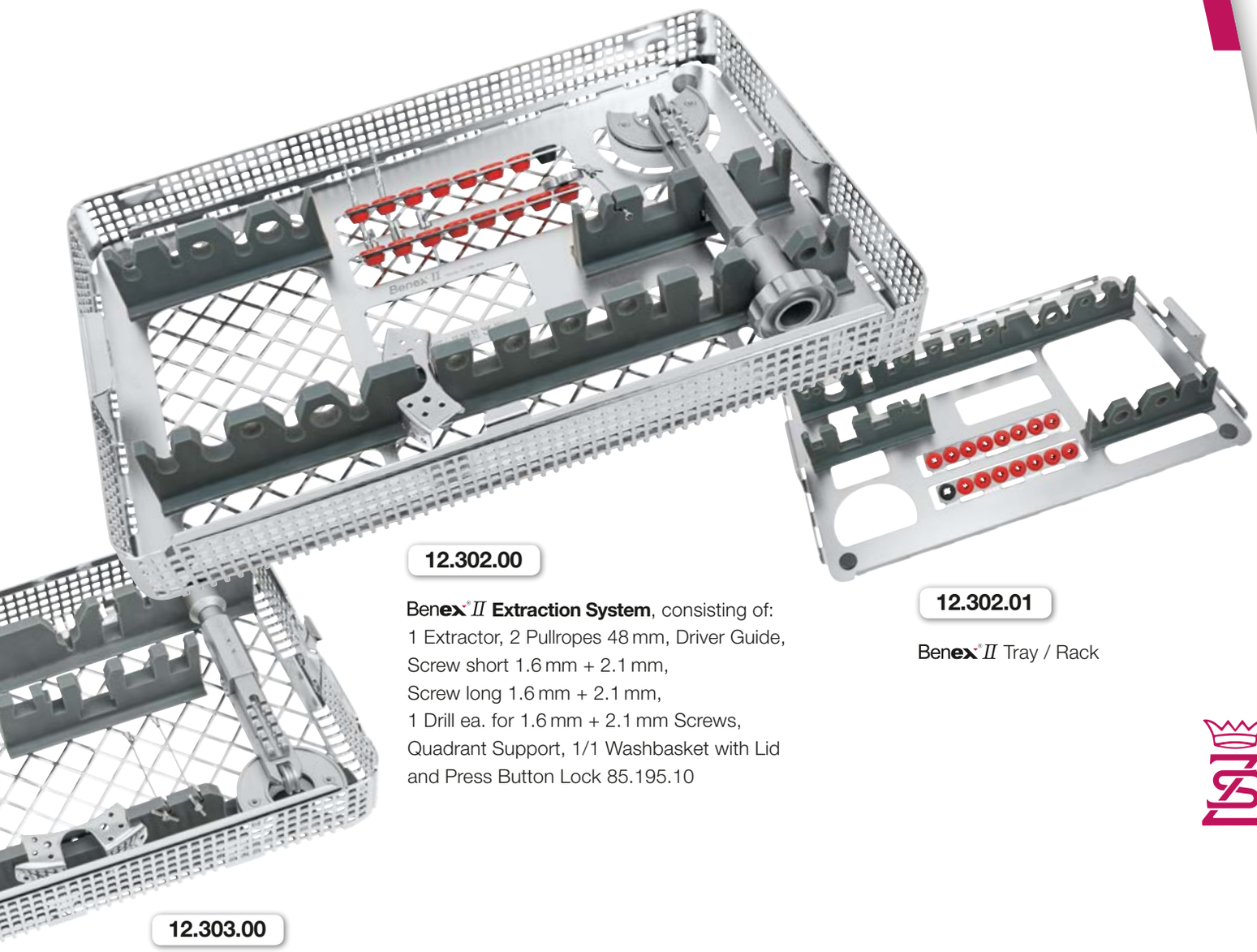
In modern dental treatment, implantology following extraction is increasingly favoured. Consistent with the principle of minimal invasion, conserving soft and hard tissue structures is a must. Starting with extraction.
The modified Benex® II guarantees a gentle and simple extraction of roots in the whole 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**

Alveolar Ridge Preservation with Benex® II

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.



12.302.00

Benex® II **Extraction System**, consisting of:
1 Extractor, 2 Pullropes 48 mm, Driver Guide,
Screw short 1.6 mm + 2.1 mm,
Screw long 1.6 mm + 2.1 mm,
1 Drill ea. for 1.6 mm + 2.1 mm Screws,
Quadrant Support, 1/1 Washbasket with Lid
and Press Button Lock 85.195.10

12.302.01

Benex® II Tray / Rack

12.303.00

Benex® II **Basic Kit**, consisting of:
1 Extractor, 2 Pullropes 48 mm, Driver Guide,
Screw short 1.6 mm + 2.1 mm,
Screw long 1.6 mm + 2.1 mm,
1 Drill ea. for 1.6 mm + 2.1 mm Screws,
Quadrant Support, 1/2 Washbasket with Lid
and Press Button Lock 85.194.10

Benex® II Pole Extractor

The patentet supplement

12.300.11

Benex® **Pole Extractor**
For roots with a strong decline to the occlusion level and/or inappropriate access for the positioning of the Benex® extractor.
For poorly anchored root/tooth fragments.

VIDEO
APPLICATION

Benex® II The individual components

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

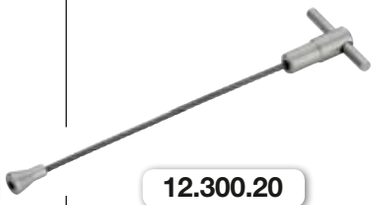
12.302.00 Benex® II **Extraction System**

12.303.00 Benex® II **Basic Kit**

FURTHER QUESTIONS?
www.benex-dent.com

VIDEO APPLICATION

Apart from the Washbasket 1/1 with Lid and Press Button Lock (**85.195.10**) incl. the Benex II Tray / Rack (12.302.01) for the Extraction System and the Washbasket 1/2 with Lid and Press Button Lock (**85.194.10**) for the Basic Kit, the following components are included in both Sets (pict. scale 1:1):



12.300.08

Benex® II Extractor
incl. Support Disc

12.300.15

Replacement Support Disc, 8 mm (PTFE)

12.300.60

1 Screw 10 mm
Ø 1.6 mm, S = Short

12.300.70

1 Screw 16 mm
Ø 1.6 mm, L = Long

12.300.20

Pullrope, 48 mm,
PU: 2 pieces

12.300.65

1 Screw 10 mm
Ø 2.1 mm, SF = Short & Fat

12.300.75

1 Screw 16 mm
Ø 2.1 mm, LF = Long & Fat

12.300.80

Quadrant Support
to bridgeover bigger gaps
and for universal molding

12.300.47

Driver Guide, short

12.300.30

1 Diamond coated Drill
for Screws Ø 1.6 mm
12.300.60 and 12.300.70

12.300.35

1 Diamond coated Drill
for Screws Ø 2.1 mm
12.300.65 and 12.300.75

OPTIONALLY AVAILABLE

12.300.17

Support Disc,
diagonally left

12.300.16

Support Disc,
diagonally right

12.300.48

Driver Guide, long

12.300.45

Blade for

47.525.51

Driver Guide FD

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.

ZEPF Power Periotomes

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

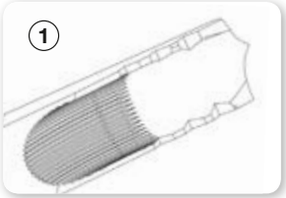
26.690.03 Power Periotome, P3 XL, distal, green

ZEPF roba EDITION PATENTED

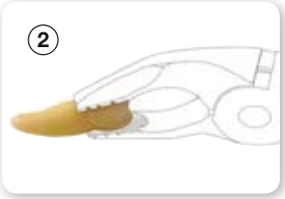
With the patented RoBa-Edition **HELMUT ZEPF** introduces a new generation of extracting forceps. Deduced from the ZEPF Xcision Instruments the RoBa-Edition has been especially developed in consideration of easy and gentle extraction.

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).

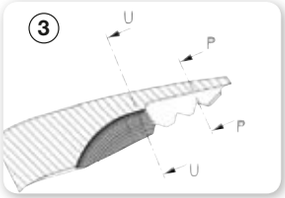
Due to the fact that all teeth show a convex crown contour (upper jaw: labial, buccal, palatal and in lower jaw: labial, buccal, lingual), the beaks have been developed under this anatomical actuality. The wear-resistant Teflon Disc eliminates wear and tear in the joints and provides a light action at all times. The handle is a protected design from **HELMUT ZEPF**, which was developed in cooperation with Dr. Maty, Germany.



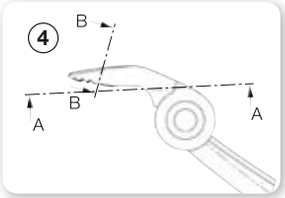
The billow-grind claws radially into the teeth and avoids a "riding" in-between the tooth crown and the inner contour of the beak.



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

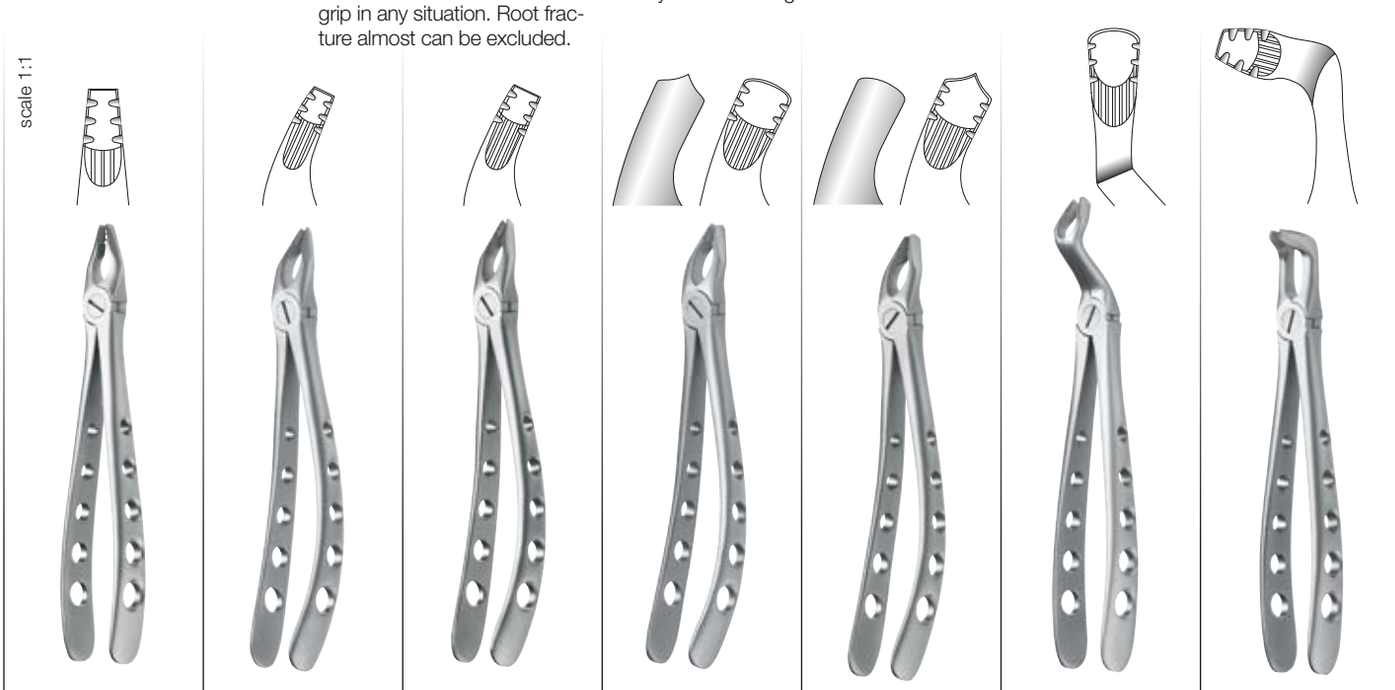


The different deeply elaborated inner contours ensure maximal adaptation on the teeth in different actualities. No tilting of the teeth while rotary and / or lifting movement.



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

scale 1:1



3.2.1. | 1.2.3.	5.4. | 4.5.	5.4. | 4.5.	7.6. |	| 6.7.	8. | 8.	8. | 8.
12.234.08Z	12.235.07Z	12.235.08Z	12.217.00Z	12.218.00Z	12.267.01Z	12.279.90Z
12.234.08ZD	12.235.07ZD	12.235.08ZD	12.217.00ZD	12.218.00ZD	12.267.01ZD	12.279.90ZD
12.234.08ZTI	12.235.07ZTI	12.235.08ZTI	12.217.00ZTI	12.218.00ZTI	12.267.01ZTI	12.279.90ZTI

12.234.07ZTI (scale 1:1)

onyx DESIGN Black Finish Coating

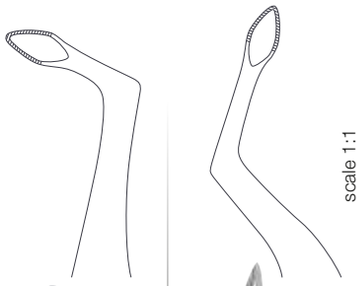
Design meets functionality. Users with highest demands will appreciate the elegant, black finish providing the instrument with a non-reflecting, extremely smooth and scratch-resistant surface.
The article number is complemented by **TI**.

3.2.1. | 1.2.3.
12.234.07Z
12.234.07ZD
12.234.07ZTI

12.234.07ZD (scale 1:1)

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 to the item number the letter **D**.



3.2.1 | 1.2.3.	3.2.1. | 1.2.3.	5.4. | 4.5.	7.6. | 6.7.	7.6. | 6.7.	W ▶ ◀ ▶ ◀	W ▶ ◀ ▶ ◀
12.236.07Z	12.236.08Z	12.213.00Z	12.222.00Z	12.221.90Z	12.045.15ZS	12.051.15ZS
12.236.07ZD	12.236.08ZD	12.213.00ZD	12.222.00ZD	12.221.90ZD		
12.236.07ZTI	12.236.08ZTI	12.213.00ZTI	12.222.00ZTI	12.221.90ZTI	12.045.15ZSTI	12.051.15ZSTI

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 they are easy to disassemble and the RoBa characterized by their 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.

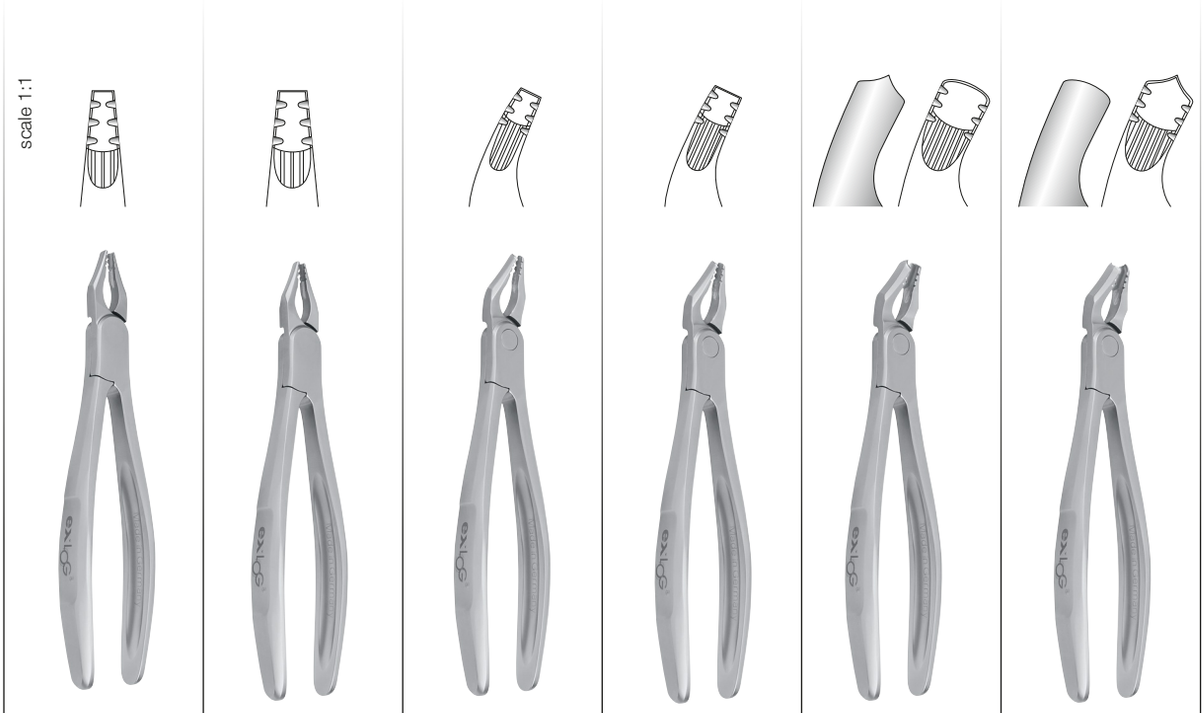
These patented forceps are the consequent development of conventional forceps with the advantage of tapered and deep grip extraction forceps.

All Advantages on One View:

- excellent anatomical adaption on the neck of the tooth surface
- tapered jaws for less traumatization and for conservation of the alveolus
- better fiber 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

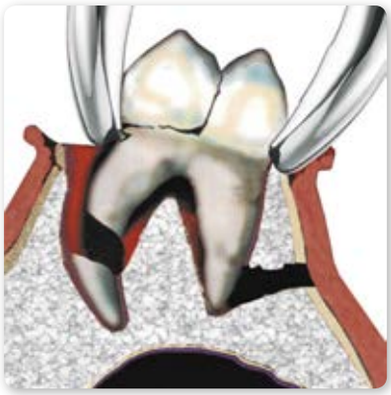
Focus on the exLOG, the standard of tomorrow.

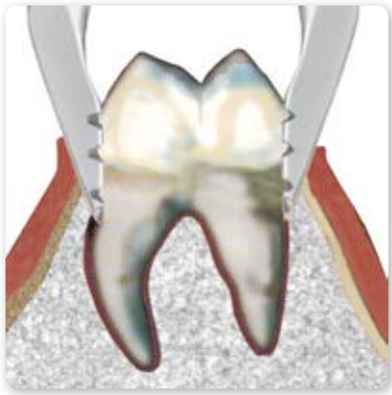
scale 1:1



3.2.1. | 1.2.3.	3.2.1. | 1.2.3.	5.4. | 4.5.	5.4. | 4.5.	7.6.	6.7.
15.234.07	**15.234.08**	**15.235.07**	**15.235.08**	**15.217.00**	**15.218.00**
15.234.07D	**15.234.08D**	**15.235.07D**	**15.235.08D**	**15.217.00D**	**15.218.00D**
# 34N	# 34M	# 35N	# 35M	# 17	# 18

exLOG PATENTED + ZEPF roba EDITION PATENTED





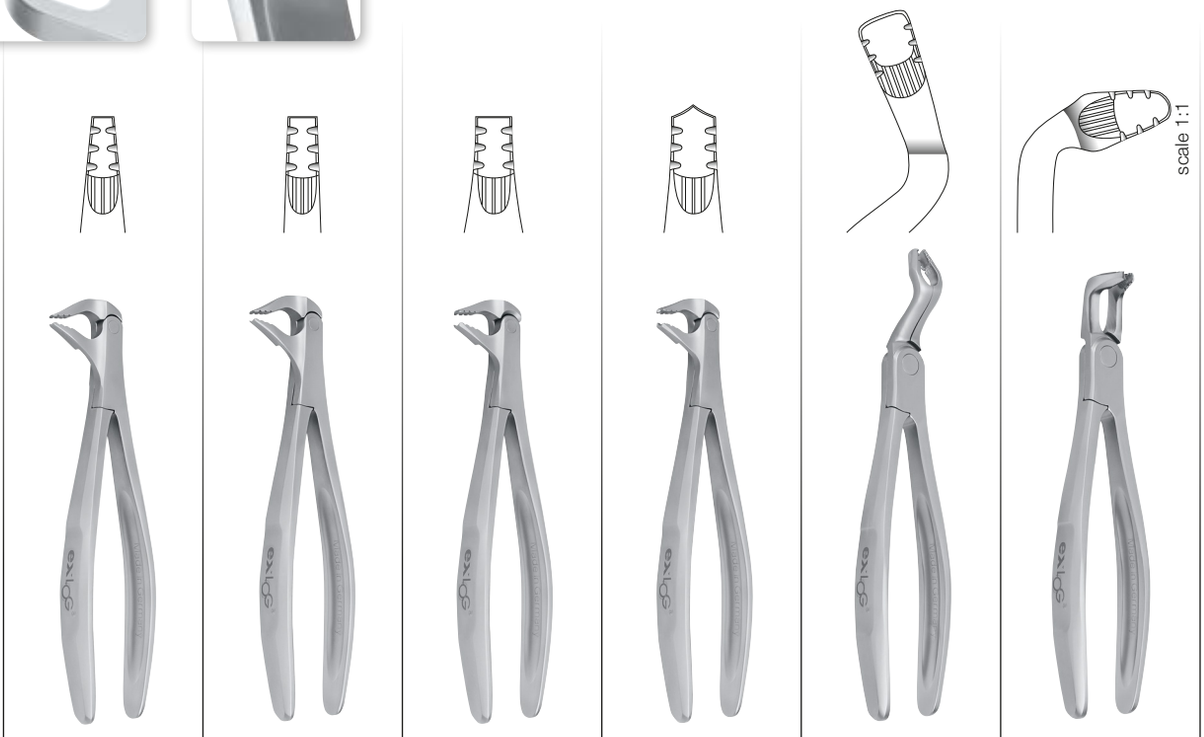
The patented demountability of EXLOG forceps

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



3.2.1. | 1.2.3.	3.2.1. | 1.2.3.	5.4. | 4.5.	7.6. | 6.7.	8. | 8.	8. | 8.
15.236.07	**15.236.08**	**15.213.00**	**15.222.00**	**15.267.01**	**15.279.90**
15.236.07D	**15.236.08D**	**15.213.00D**	**15.222.00D**	**15.267.01D**	**15.279.90D**
# 36N	# 36M	# 13	# 22	# 67A	# 79A

Children Forceps RoBa-Edition

Extracting Forceps modif. acc. to Dentist Beck

ZEPF roba EDITION PATENTED

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.

2.1. | 1.2.

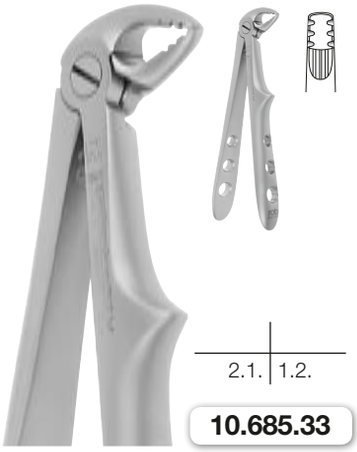
10.685.29

29

4.3. | 3.4.

10.685.07

7



2.1. | 1.2.

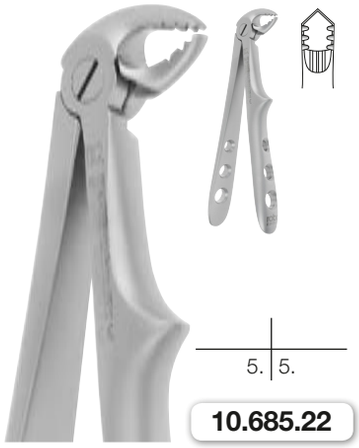
10.685.33

33

4.3. | 3.4.

10.685.13

13



5. | 5.

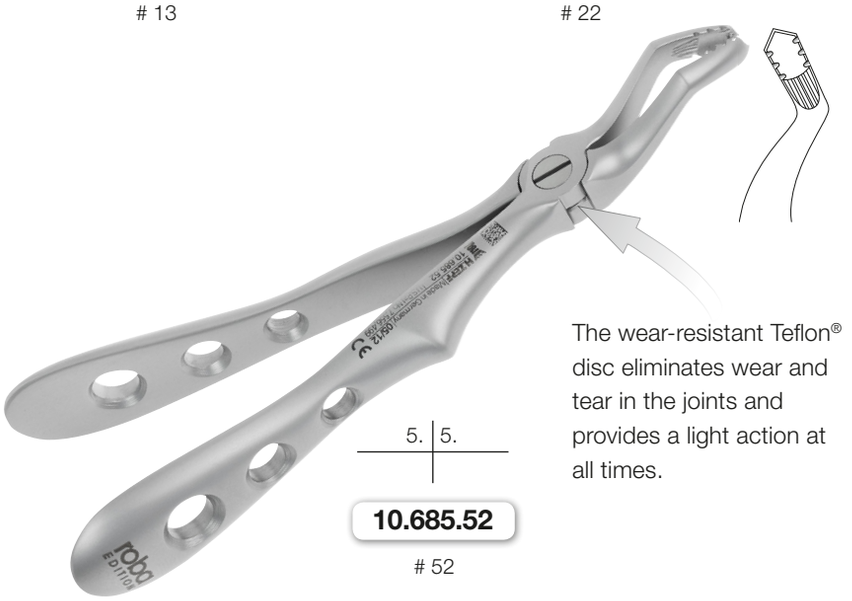
10.685.22

22

5.4.3. | 3.4.5.

10.685.51

51



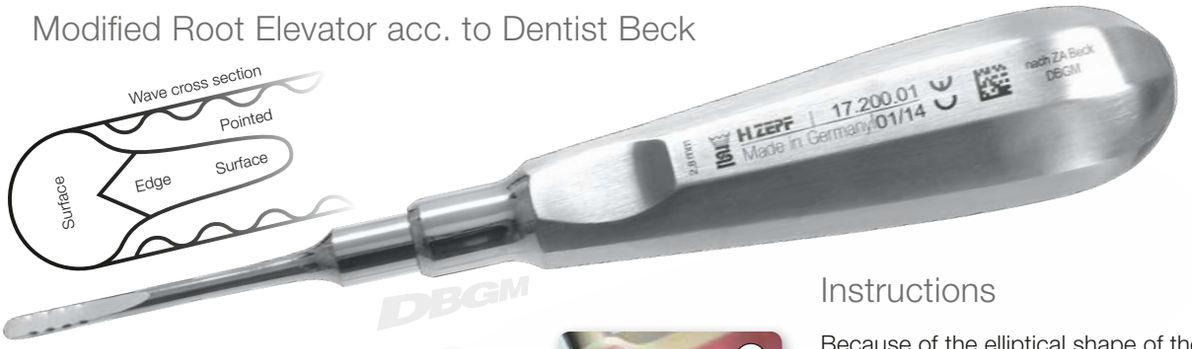
5. | 5.

10.685.52

52

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

Modified Root Elevator acc. to Dentist 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

Instructions

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

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

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.

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.

Apical Root Elevator

Root elevator for wisdom teeth. For all molars, especially for **unimpacted** wisdom teeth in all 4 quadrants.

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

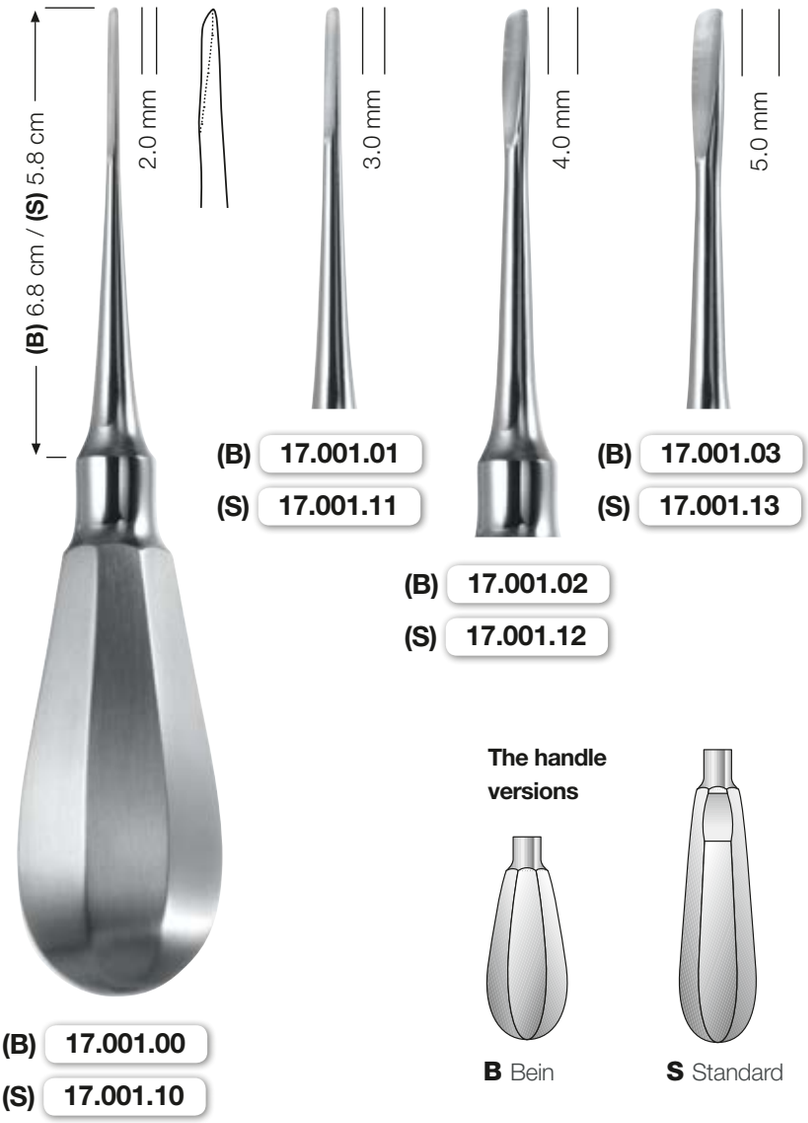
17.677.17 Apical Root Elevator, # 77, ideal for wisdom teeth

Root Elevators

Use. 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.

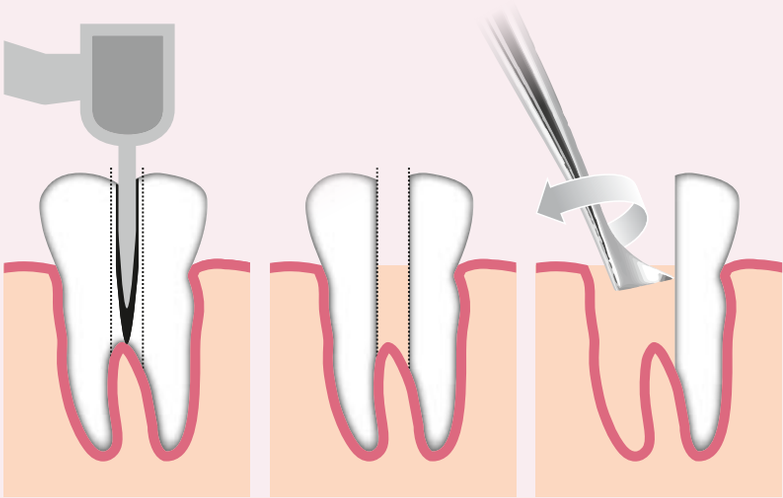
Application. Straight instruments are used in the anterior region and in the maxillary area. Curved root elevators are ideal for the back teeth in the mandible.

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.

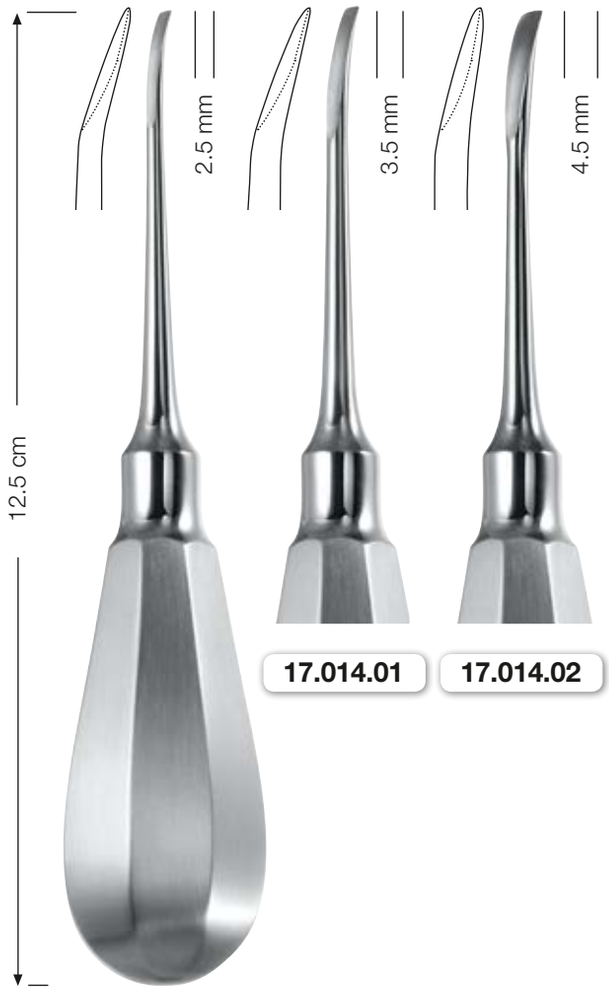


Root Elevators Cryer

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.



Gärtner Root Elevators

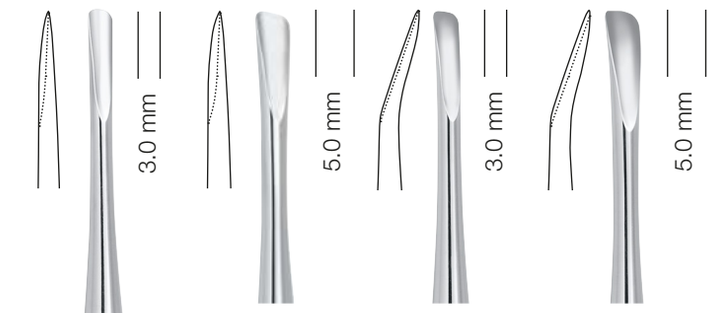


17.014.00

17.014.01

17.014.02

Elevators for axial luxation

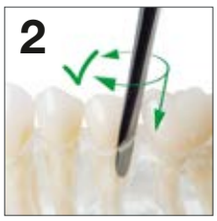


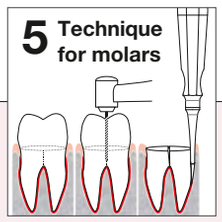
17.006.02 straight

17.006.03 curved

17.006.04 curved

17.006.01 straight





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

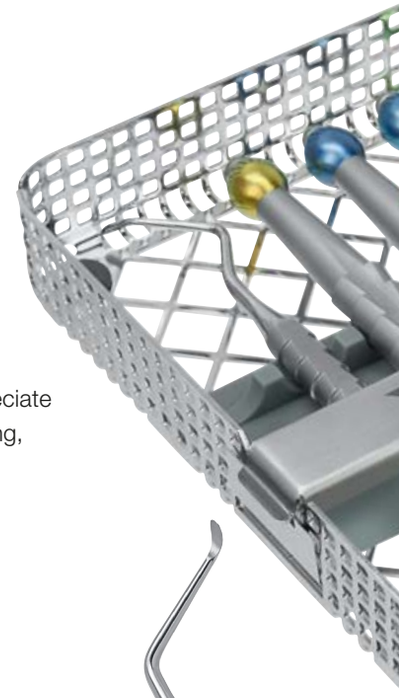
Furthermore the gentle removal of the teeth should be reached by **axial luxation** and cutting the Sharpey's fibres.

17.100.39 Cryer

17.100.40 Cryer

X-tool THE ORIGINAL

acc. to Dr. Detlef Hildebrand



“Extraction in its most pleasant way”
The **ZEPF**-X-tool-Tray offers a universal instrument set (**17.007.00**) for medical tooth extraction.
The X-tool instrumentation includes six different instruments:

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**.

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

17.007.01 **17.007.01TI**

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

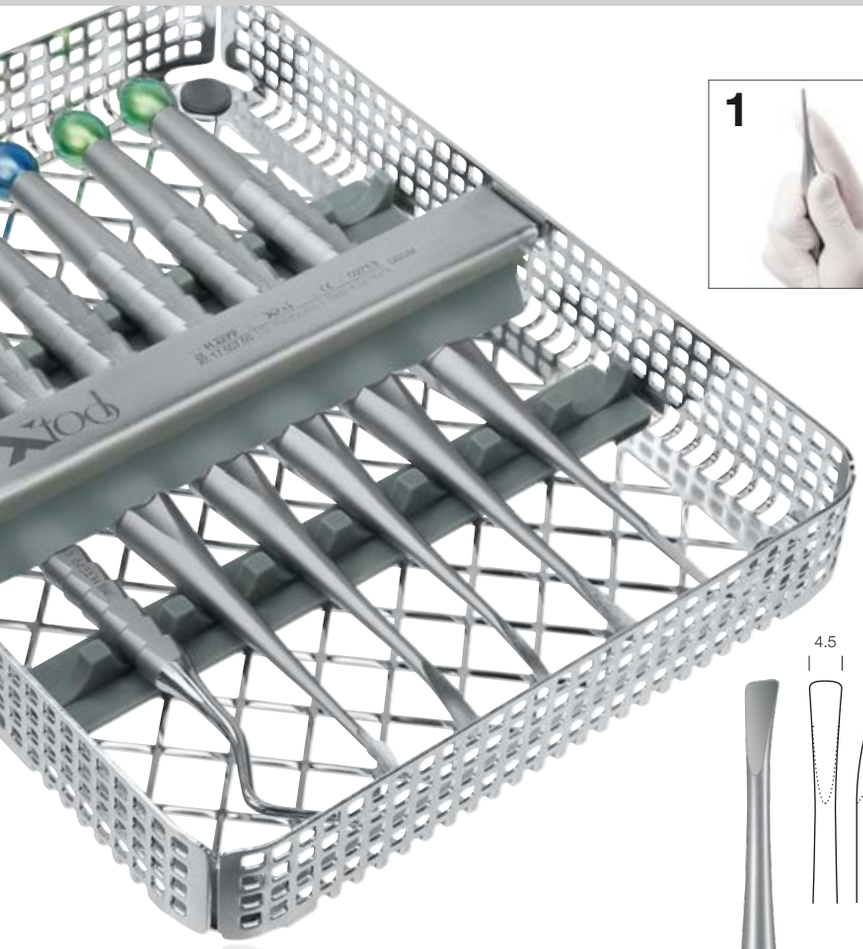
17.007.02 **17.007.02TI**

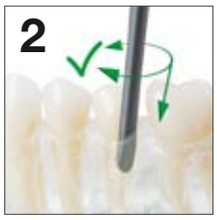
X-Luxa-Tool, curved, 2.5 mm, for lower jaw, blue metallic

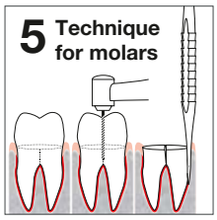
17.007.03 **17.007.03TI**

Lucas Scraper, 2.5 mm, double-ended, 17.5 cm

41.855.01Z





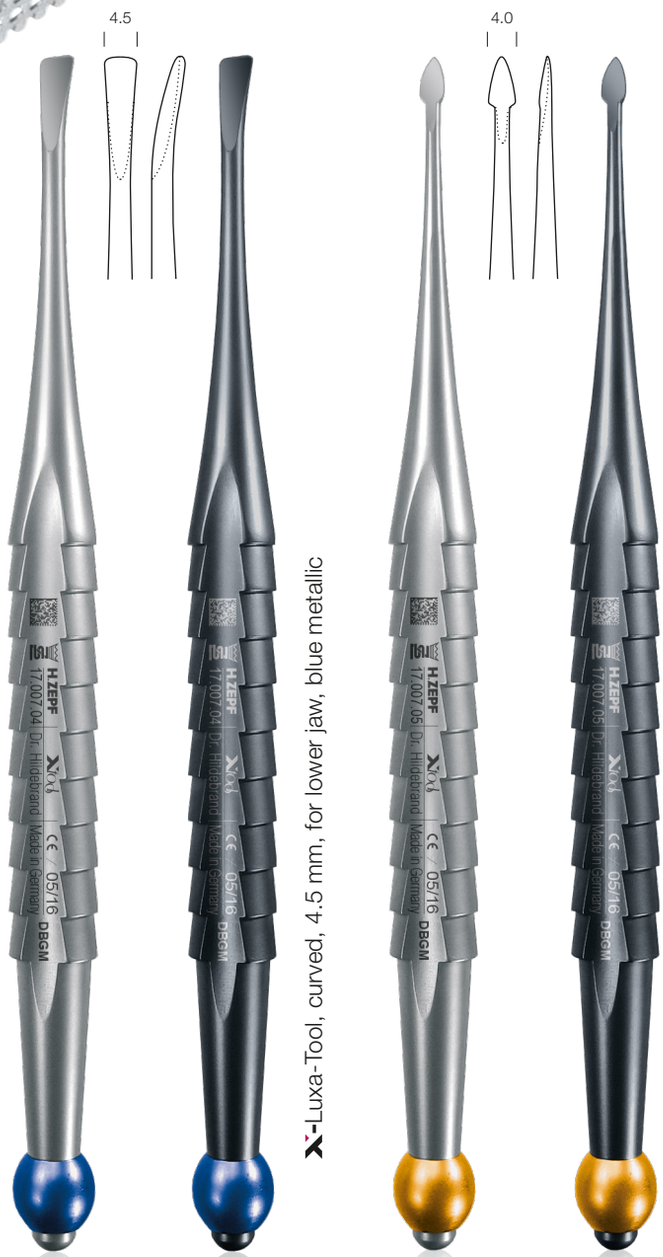


17.007.00

Xtools Kit
consisting of 5 Xtools (17.007.01, 17.007.02, 17.007.03, 17.007.04, 17.007.05) and Lucas Scraper (41.855.01Z), in a washtray 1/2 (85.181.00)

17.007.00TI

Xtools Kit
onyx DESIGN version



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

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

17.007.04 **17.007.04TI** **17.007.05** **17.007.05TI**

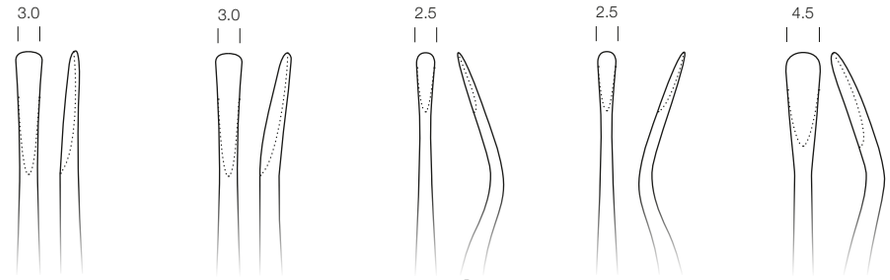
X-tod THE ORIGINAL

acc. to Dr. Detlef Hildebrand

Modern therapy methods require modern instruments!

All instruments are also available with onyx DESIGN Black Finish Coating (see page 40/41). The respective article numbers are supplemented by **TI**.

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



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

17.007.06

17.007.06TI

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

17.007.07

17.007.07TI

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

17.008.01

17.008.01TI

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

17.008.02

17.008.02TI

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

17.008.03

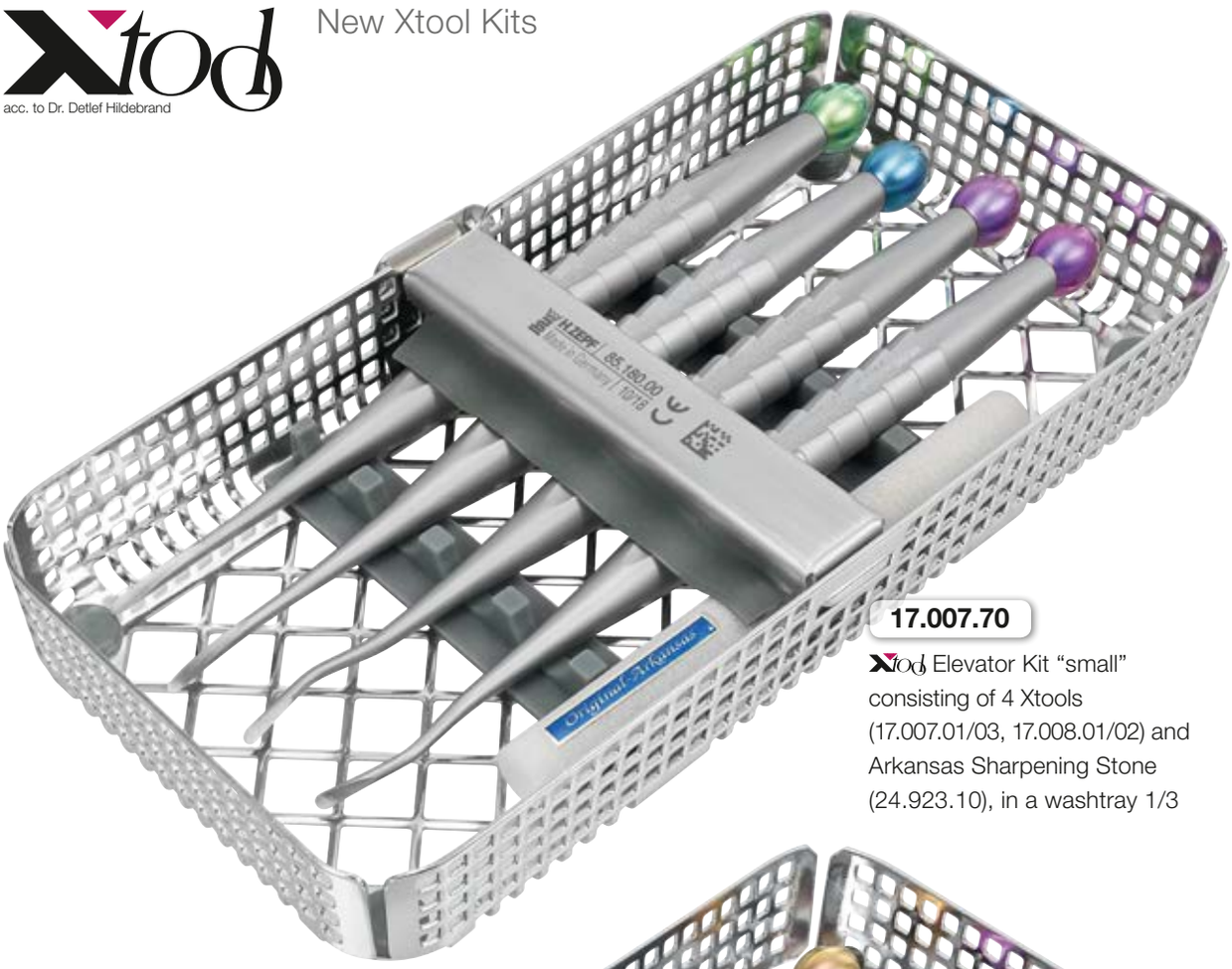
17.008.03TI

17.008.04	X-Approximal Root Elevator, curved, 4.5 mm, # 77RL, mesial elevator, yellow metallic
17.008.05	X-Syndesmotome, curved, 4.0 mm, for distal access, purple metallic
17.008.06	X-Syndesmotome, curved, 4.0 mm, for mesial access, purple metallic
17.008.08/09	X-Syndesmotome, curved left, 4.0 mm, for lingual/buccal luxation, yellow metallic
17.008.10	X-Syndesmotome, curved right, 4.0 mm, for lingual/buccal luxation, yellow metallic
17.008.10	X-Apical Desmotome, mesial bending, 3.0 mm, for apical access to the deep-lying root stump, brown metallic
17.008.11	X-Apical Elevator, mesial bending, 2.5 mm, for apical access to the deep-lying root stump, brown metallic
17.008.90	X-Separator, straight, 4.0 mm, for the luxation of separated roots, purple metallic

17.008.04TI	
17.008.05TI	
17.008.06TI	
17.008.08/09TI	
17.008.10TI	
17.008.11TI	
17.008.90TI	

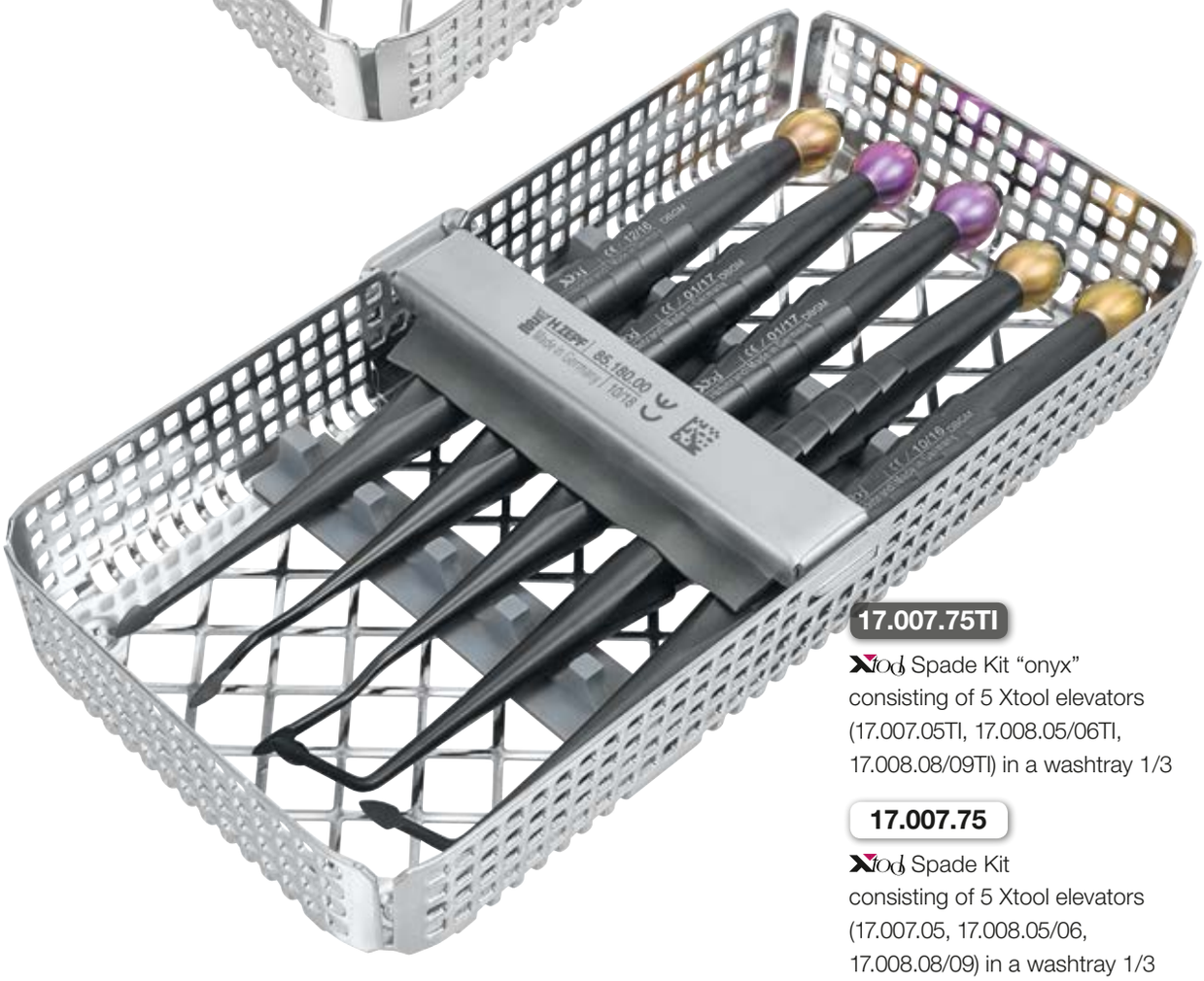
Xtool acc. to Dr. Detlef Hildebrand

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

X-tool Instruments

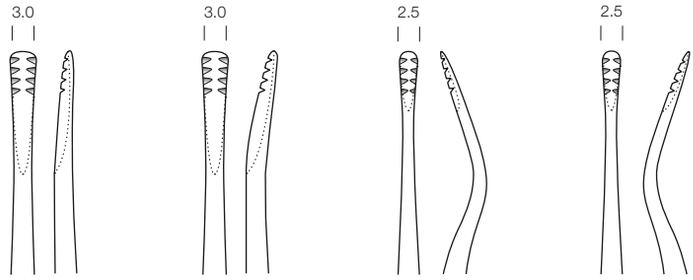
with serration acc. to Lindo-Levien

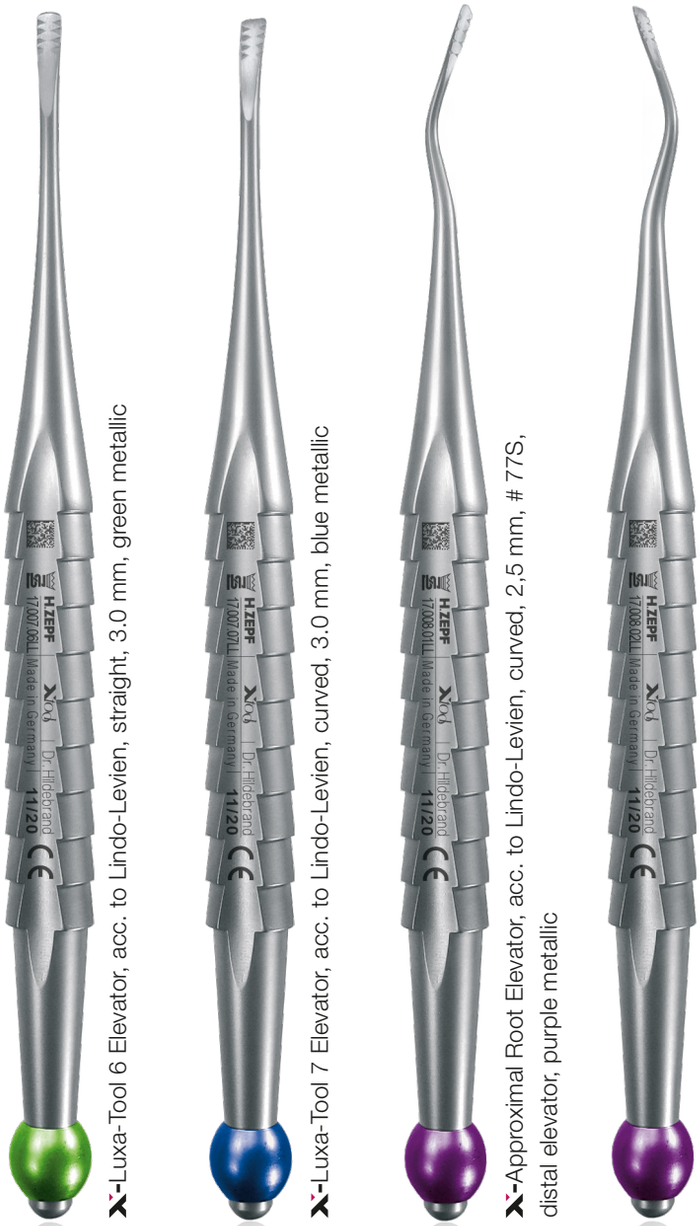
In modern dentistry, implantology with immediate insertion after tooth removal is increasingly becoming the focus of attention. In order to follow the principle of minimal invasiveness, it is imperative to preserve the surrounding hard and soft tissue as much as possible during extraction.

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

The fine Lindo-Levien serration enables the X-tool 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.





straight — **17.007.06LL** — X-Luxa-Tool 6 Elevator, acc. to Lindo-Levien, straight, 3.0 mm, green metallic

curved — **17.007.07LL** — X-Luxa-Tool 7 Elevator, acc. to Lindo-Levien, curved, 3.0 mm, blue metallic

curved — **17.008.01LL** — X-Approximal Root Elevator, acc. to Lindo-Levien, curved, 2,5 mm, # 77S, distal elevator, purple metallic

curved — **17.008.02LL** — X-Approximal Root Elevator, acc. to Lindo-Levien, curved, 2,5 mm, # 77RS, mesial elevator, purple metallic

X-tool

THE ORIGINAL

H-Tool Set

acc. to Dr. Hildebrand

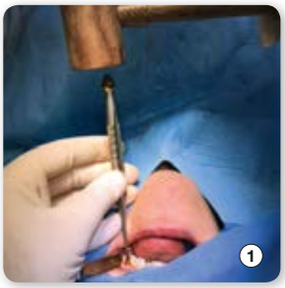
scale 1:1

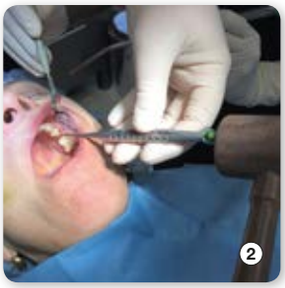
The new H-Tools developed by Dr. Hildebrand are a continuation of the successful X-Tool concept.
The instrument tips are very flat and sharp pointed.
The instruments are inserted along the root axis and the alveolar cavity is widened by advancing the H-Tool apically along the root of the tooth to be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

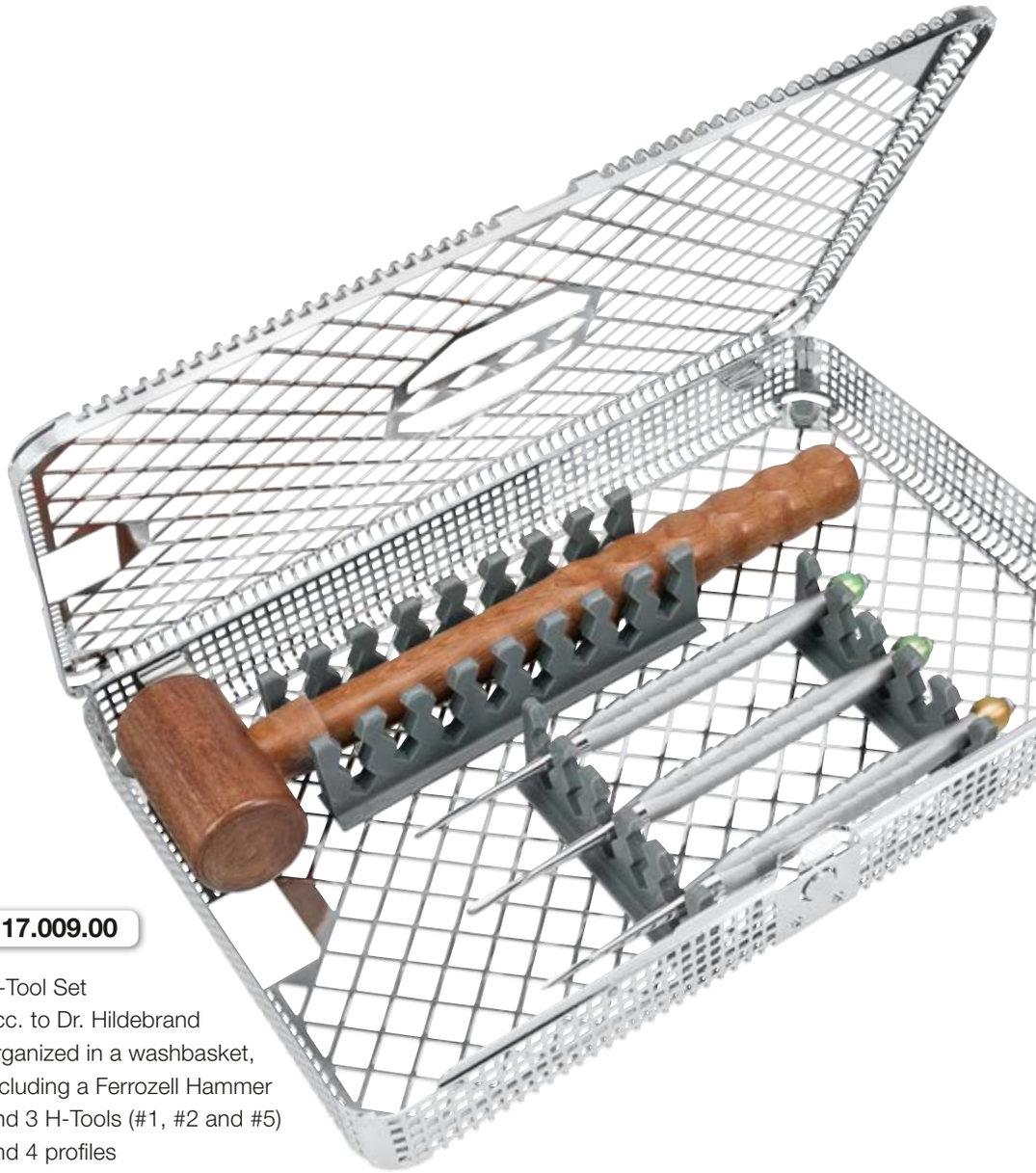
The light Ferrozell Hammer with a diameter of 35 mm enables work to be carried out safely.
Thanks to the extremely light construction, this hammer produces a far less unpleasant feeling in the patient than using a hammer with hard plastic inserts or in the worst case with a metal head.

41.503.01

Hammer, Ferrozell,
head Ø 35 mm, 100 g,
total weight 180 g,
250 mm long,
fitting washbasket







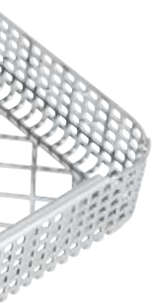
17.009.00

H-Tool Set
acc. to Dr. Hildebrand
organized in a washbasket,
including a Ferrozell Hammer
and 3 H-Tools (#1, #2 and #5)
and 4 profiles

85.195.00
Washbasket 1/1
as rack for the remaining components

85.181.04
Profile, high, universal,
130 mm / for 8 instruments, 2 pieces

85.181.05
Profile, high, universal,
81 mm / for 5 instruments, 2 pieces



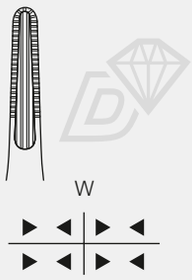
17.009.01 H-Tool # 1, straight, tip 2.5 mm, green ball

17.009.02 H-Tool # 2, straight, tip 3.5 mm, green ball

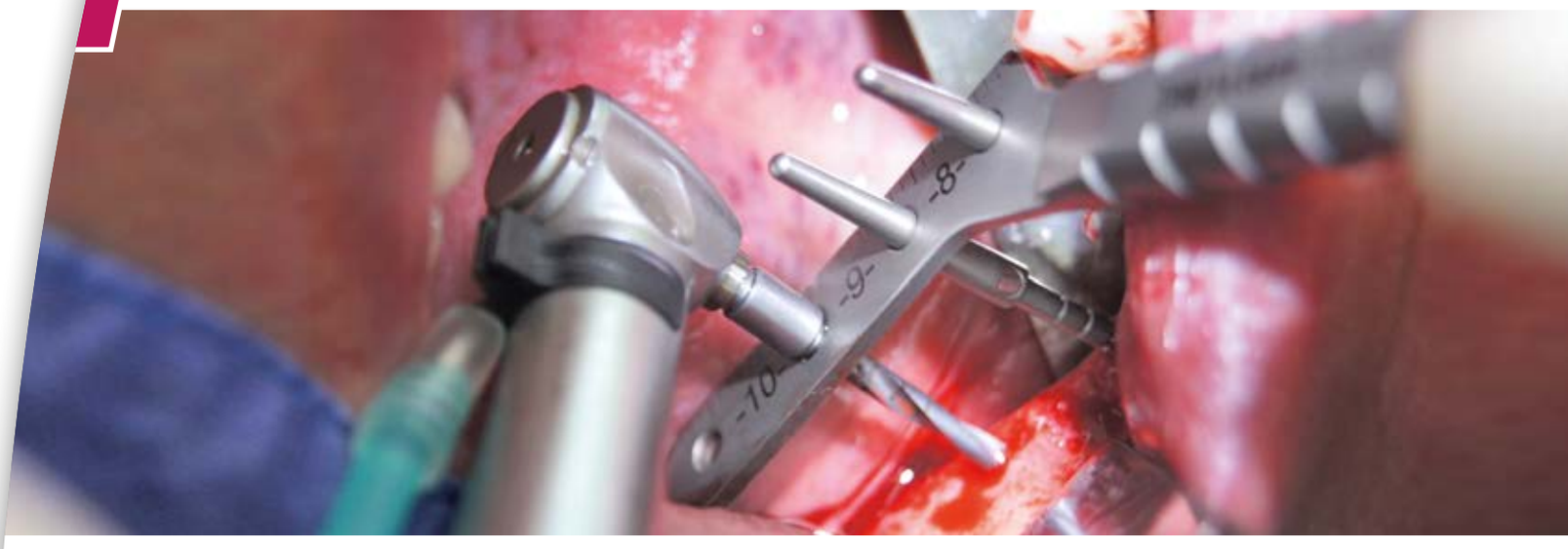
17.009.05 H-Tool # 5, straight, tip 3.0 mm, gold colored ball

Witzel All-Purpose Root-Splinter Forceps

Our special forceps for extracting root splinters from both upper and lower gums 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
Witzel,
diamond-tipped,
Xcision Design,
15 cm



31.683.00

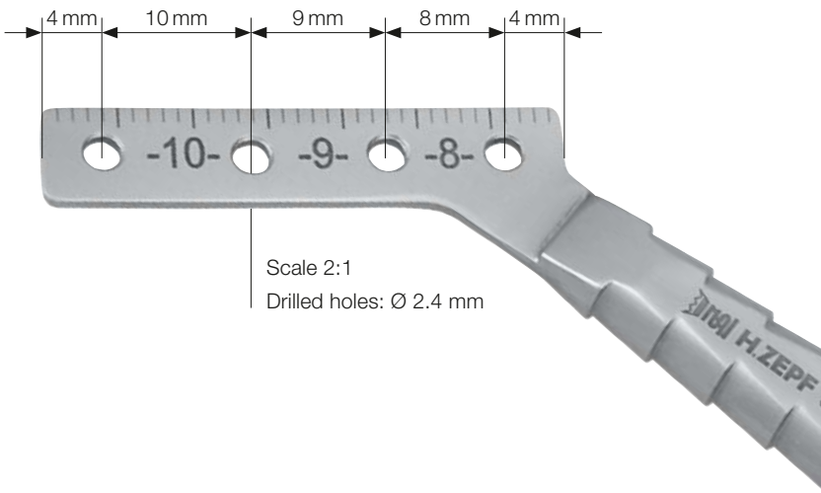
Drilling Template
acc. to Wiedemann

Drilling Template

for the posterior tooth region, according 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

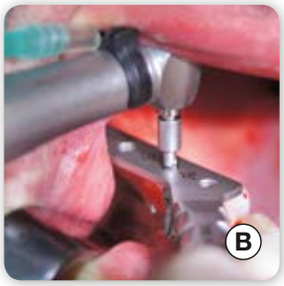
The standard tooth widths used are neither scientifically nor individually 100% correct, but these values deliver highly usable implant positions particularly on edentulous jaws.



Scale 2:1
Drilled holes: Ø 2.4 mm

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.

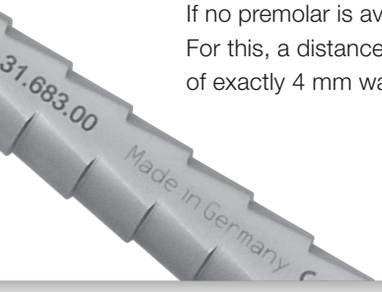
C Once a pilot hole has been drilled to working length at the position of tooth 5, a paralleling pin can be inserted.
The template can be mounted on this, resulting in good stability that allows the position of tooth 6 to be found very easily and marked accordingly.
Proceed in the same way for tooth 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).



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.

Tunneling Instrument with holes
In **ZEPF** BIONIK handle. For upper and lower jaw with **ZEPF** BIONIK handle. Both ends with hole Ø 0.8 mm for inserting the surgical suture, for easy insertion of the graft into the tunnel.

Tunneling Instrument # 3, 1.8 mm, 45° angled

46.040.03

Tunneling Instrument # 4, 2.5 mm, 45° angled

46.040.04

reddot design award
winner 2010

Tunneling Instrument with holes, double-ended, in **ZEPF** BIONIK handle, grey, for upper and lower jaw, width 2.5 mm, each hole Ø 0.8 mm

46.040.20

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

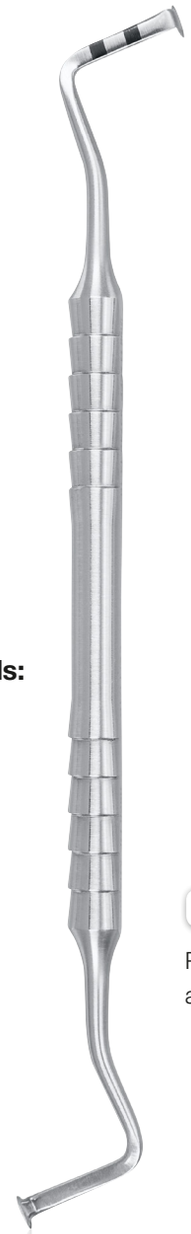
Periodontal Knife with double angle to work in lateral tooth regions where access is difficult.

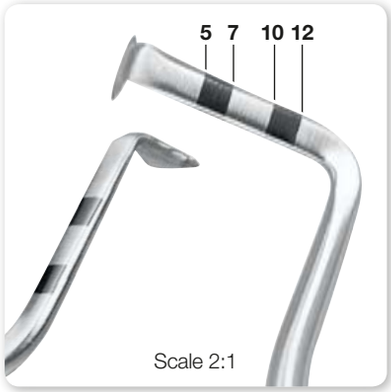
46.040.09

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:

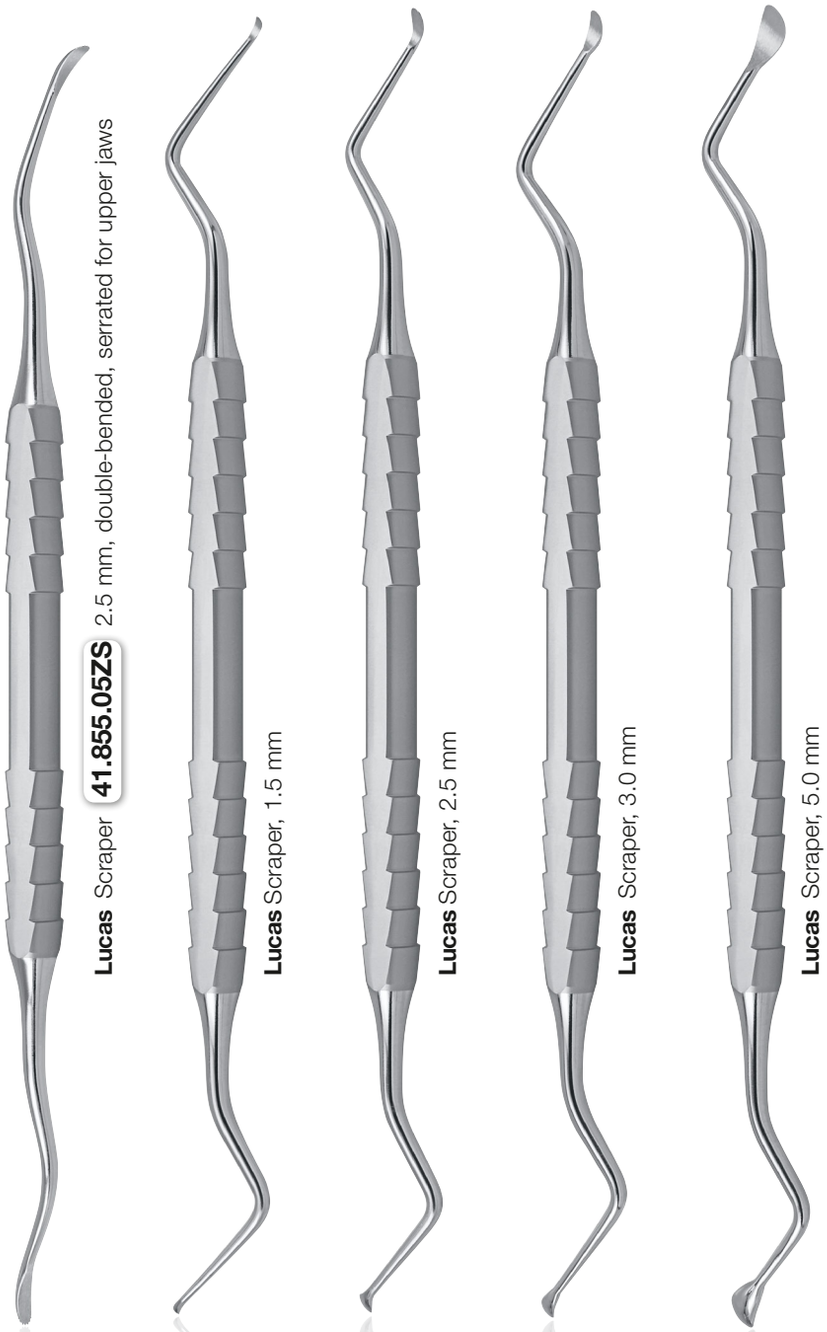
① Singular palatal incision and formation of a flap

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

Lucas Curettes – non-serrated and serrated

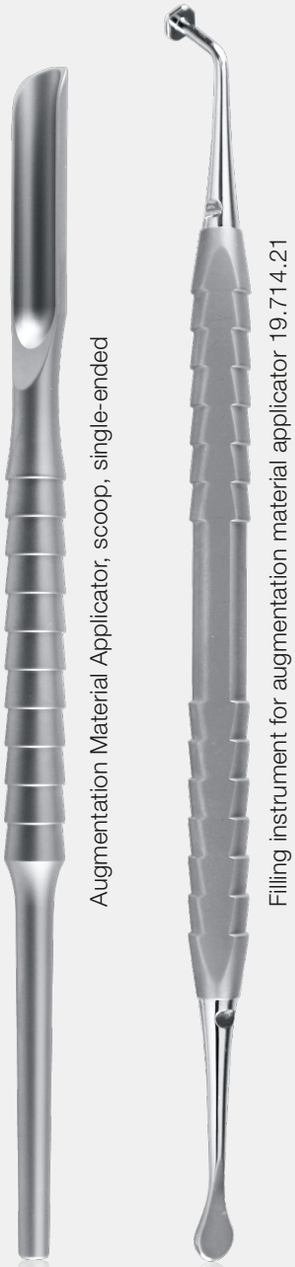
ZEPF-Line, double-ended, 17.5 cm



'Z' non-serrated	**41.855.00Z**	**41.855.01Z**	**41.855.02Z**	**41.855.04Z**
'ZS' serrated	**41.855.00ZS**	**41.855.01ZS**	**41.855.02ZS**	**41.855.04ZS**

ZEPF Application

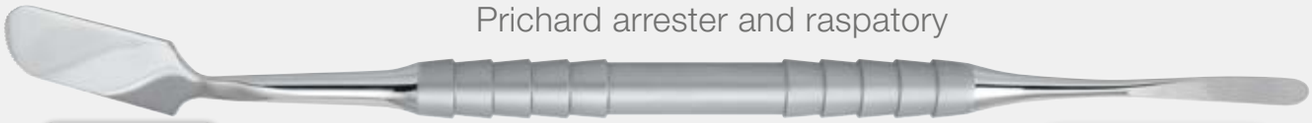
Useful duo.



19.714.21 **19.714.22**

19.714.20

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

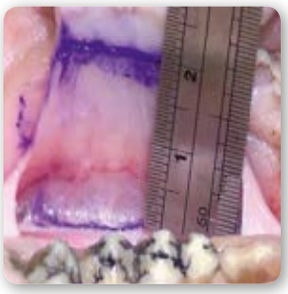
41.864.50 curved, 17.5 cm

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

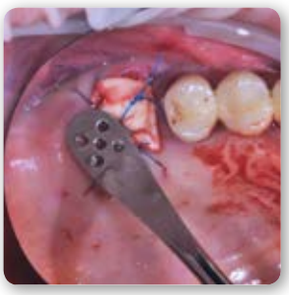
41.865.01

Periosteal Elevator Combination with Drill Holes

acc. to Dr. Niederquell, DBGM

To dissect the microperiosteum and to press the bone substitute into place, with simultaneous suction of excess fluids.

41.862.24



Periosteal Elevator

Micro Raspatory acc. to Dr. Maty

- due to its slim design, the periosteal elevator can be used in all surgical interventions, particularly in **biological** dentistry, surgery and implantology
- safe exposure and retraction of the periosteum and good visual control
- lies perfectly in the hand and guarantees a safe support and guidance
- slip-resistant
- ergonomic shape for a better removal of the periosteum
- 3 working surfaces – front, right, left – allowing a fast flap opening of soft tissues / periosteum
- optimally suited for areas that are difficult to access, e.g. wisdom teeth in the upper and lower jaw, implants (distal)
- can be used as three-dimensional “curette” and periosteal elevator, e.g.
  a) cleaning of the alveolus after tooth extraction
  b) use in the apical region during apicoectomy
  c) use in periodontal pockets (removal of soft tissues)
- the instrument is lightweight, has a good grip, is easy to handle and is slip-resistant
- the periosteal elevator can be fixed and placed easily with the index finger (even in areas that are difficult to access)
- claw and clover-shaped tips to serve as pusher to release the mucoperiosteal flap

41.864.80 Periosteal Elevator acc. to Dr. Maty, **ZEPF**-Line, Micro Raspatory, double-ended

41.854.80 Periosteal Elevator acc. to Dr. Maty, in **ZEPF** bionik Handle, yellow green, Micro Raspatory, double-ended

Nizam Ring Punch

'Tissue is the issue'

Soft tissue augmentation with ring-shaped keratinized tissue grafts (kTG), harvested with the NIZAM Ring Punch.

08.921.00

Nizam Ring Punch
Surgical body lenght 5 mm,
inner-Ø 4 mm, outer-Ø 7 mm, single use

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.

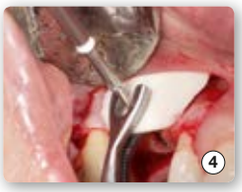
The punch is placed perpendicular to the soft tissue surface and at least 1 mm away from the neighboring teeth. The contra-angle is used at 50 rpm without irrigation, and the punch penetrates the soft tissue until it reaches the bone surface and is then removed gently. The kTG punch creates two circular 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.

ZEPF Bone Holding Forceps

acc. to Dr. Howard Gluckman

In use:



23.105.50

ZEPF Bone Holding Forceps
acc. to Dr. Howard Gluckman

Krekeler Sliding Caliper

acc. to Prof. Dr. med. dent.
Gisbert **Krekeler**
Modif. Dr. med. dent. Sven Marcus Beschnidt

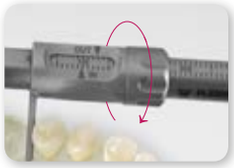
The Sliding Calipers combine a variety of functions in one instrument, thus facilitating the positioning of implants and enlarging the precision.

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 secure work**.

31.693.10

Sliding Caliper
for measuring
of implants with
locating screw

ZEPF Classics



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 reflections on the Endo-Control instrument surface.

24.454.03

CPG 11.5 (WHO)
Periodontal Probe exchangeable, M2.5, graduation 3.5/5.5/8.5/11.5 mm

Application
ZEPF Endo-Control

26.180.07

Universal Handle
ZEPF-Line, single-ended, M2.5, with endo calibration

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
disposable

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:

- ergonomically perfect
- easy cleaning
- quickly replaceable disposable blade
- simple application
- cost-efficient

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.

Retractor „Whale Fin“ insert, size 35 mm, sterilizable **37.448.35**

Complete Instrument **37.446.07**

Retractor „Whale Fin“ insert, size 30 mm, sterilizable **37.448.30**

Complete Instrument **37.446.06**

Laster Special Retractor

Special retractor for upper impacted wisdom teeth

37.438.15

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

Kim Retractor

The Kim Retractor is very useful to retract the soft tissue flap in a wisdom tooth extraction.

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.

37.446.04

Retractor acc. to Kim, flat, 45° angled, 10.5 mm wide

Maty Cheek and Lip Retractor

37.454.00
Maty Cheek and Lip Rectractor, 17.5 cm

Special Features of the Maty Cheek and Lip Rectractors:

- suitable for a wide variety of uses
- 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

37.454.02
Maty Cheek and Lip Rectractor for children

Special Retractor

mod. acc. to Dr. Müller

Cawood-Minnesota **37.437.17** 16.5 cm, mod. acc. to Dr. Müller

Special Retractor

Cawood-Minnesota **37.437.15** 15.5 cm

ZEPF Mathieu Needle Holders

with tungsten carbide inserts

The two new needle holders are characterized by highest ergonomics and functionality. TC carbide inserts ensure almost wear-free work.

The three-stage, external lock offers an excellent holding function and can be quickly released with minimal effort.

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.

41.311.17TC

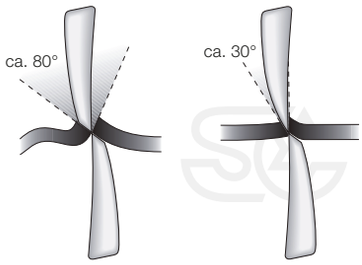
Mathieu Needle Holder, with tungsten carbide inserts and external lock, **curved**, 17 cm

41.319.17TC

Mathieu Needle Holder, with tungsten carbide inserts and external lock, narrow, **straight**, 17 cm

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

Standard

46.077.16	46.077.16SC	46.077.16TC	46.077.16TISC
serrated edge	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

Metzenbaum Preparation Scissors, # 1, blunt / blunt, curved, 14 cm

46.431.14	46.431.14SC	46.431.14TISC
serrated edge	serrated edge	serrated edge

ZEPF Scissors

Iris 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

Iris Scissors, Gingivectomy Scissors, extra large rings, curved, 11.5 cm

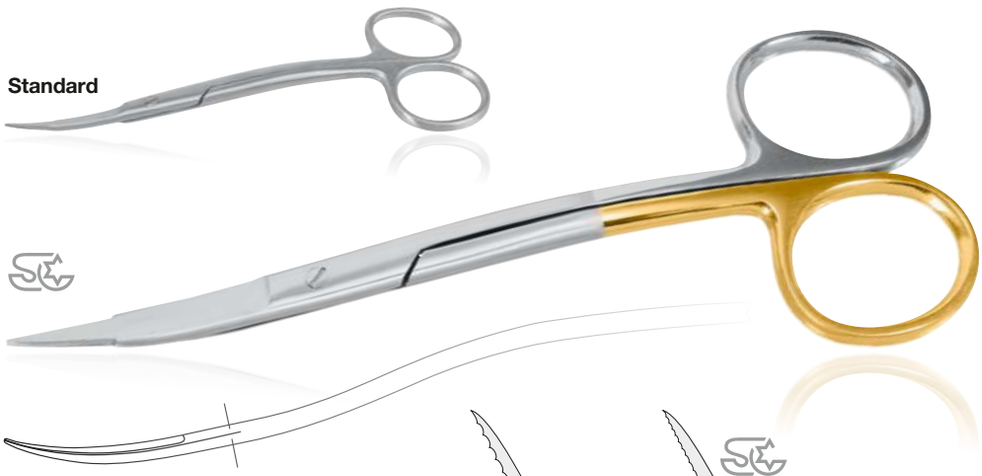
46.051.11	46.051.11SC	46.051.11TC	46.051.11TISC
serrated edge	serrated edge		serrated edge

ZEPF Scissors

Goldman-Fox Gingivectomy Scissors, 13 cm

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**

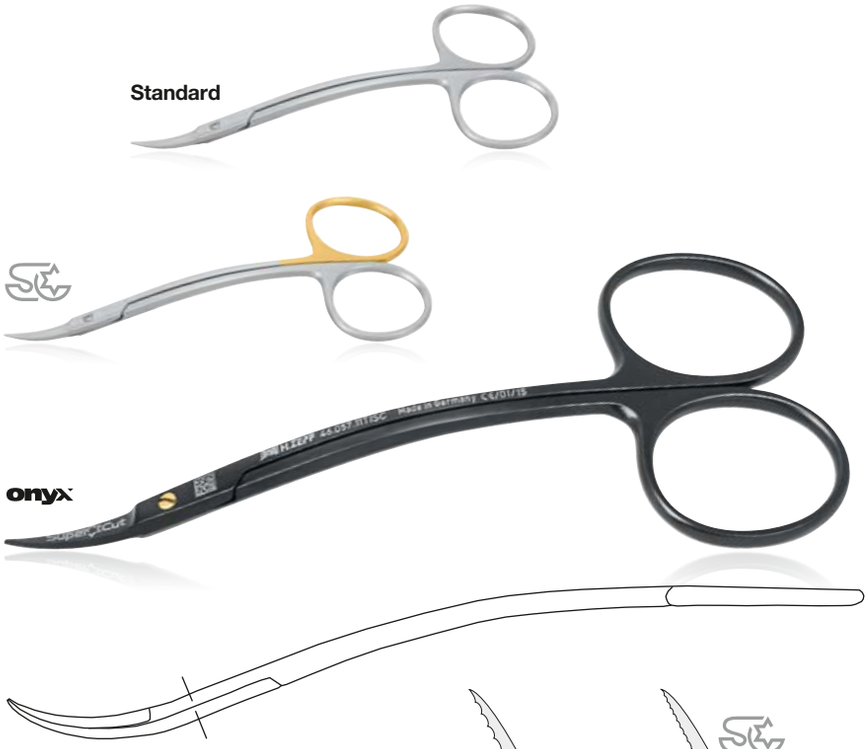
Goldman-Fox Gingivectomy Scissors, compound curved, 13 cm

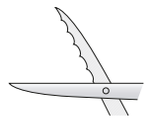


46.207.13	**46.207.13SC**
serrated edge	serrated edge

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

Joseph Gingivectomy Scissors, curved, 14 cm

46.081.16
serrated edge

46.081.16SC
serrated edge

46.081.16TISC
serrated edge

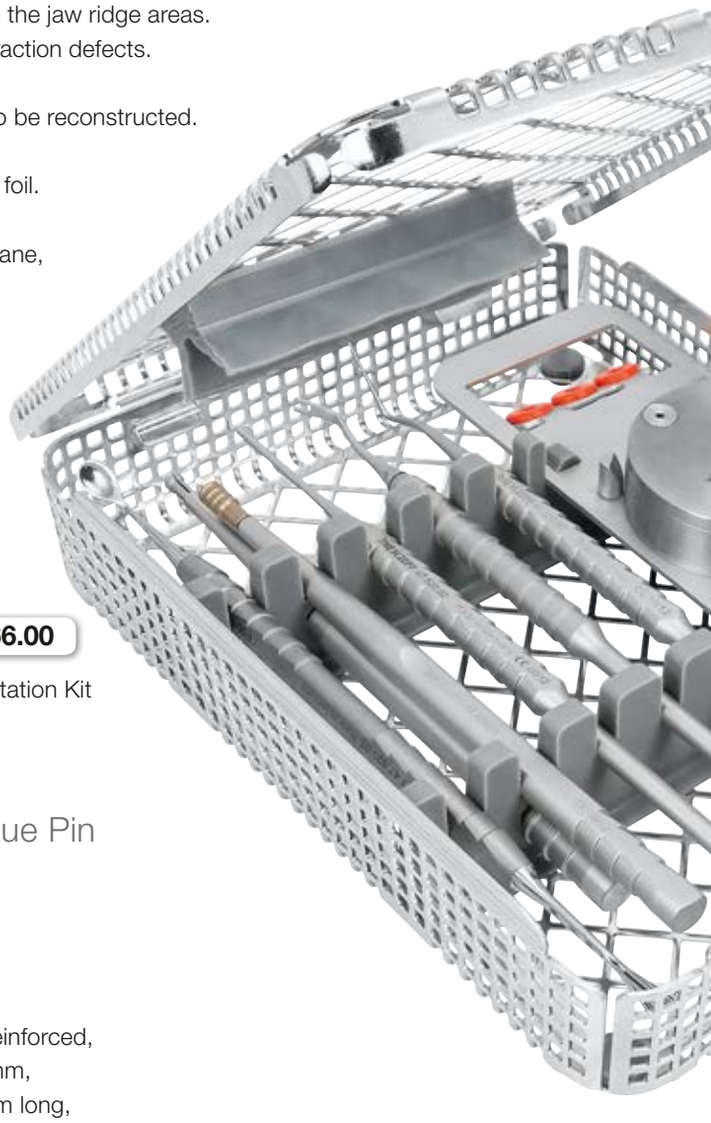
Augmentation Kit

Reasons for reconstruction of alveolar ridge occur due to defects in the jaw ridge areas. The most frequent causes are: Atrophy of the alveolar ridge and extraction defects.

At least for aesthetic reasons, in visible areas, these defects need to be reconstructed.

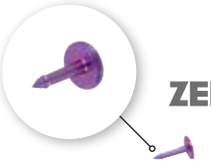
The augmentation is carried out with autologous bone and titanium foil. The bone implants are covered with a titanium foil after application. To avoid dislocation of the augmentation material below the membrane, the membrane is fixed with at least 2 pins.

The titanium pins with a length of 3 mm or 5 mm are taken out of the storage box by means of the applicators and pressed into the bone through the foil or membrane.



47.966.00

Augmentation Kit



ZEPF Soft Tissue Pin

47.561.06*

Option:
ZEPF Titanium Pin, reinforced, Ø 1 mm, shank 0.8 mm, plate Ø 3.5 mm, 6 mm long, specifically for soft tissue grafting

47.520.10

Option:
Applicator for Soft Tissue Pins

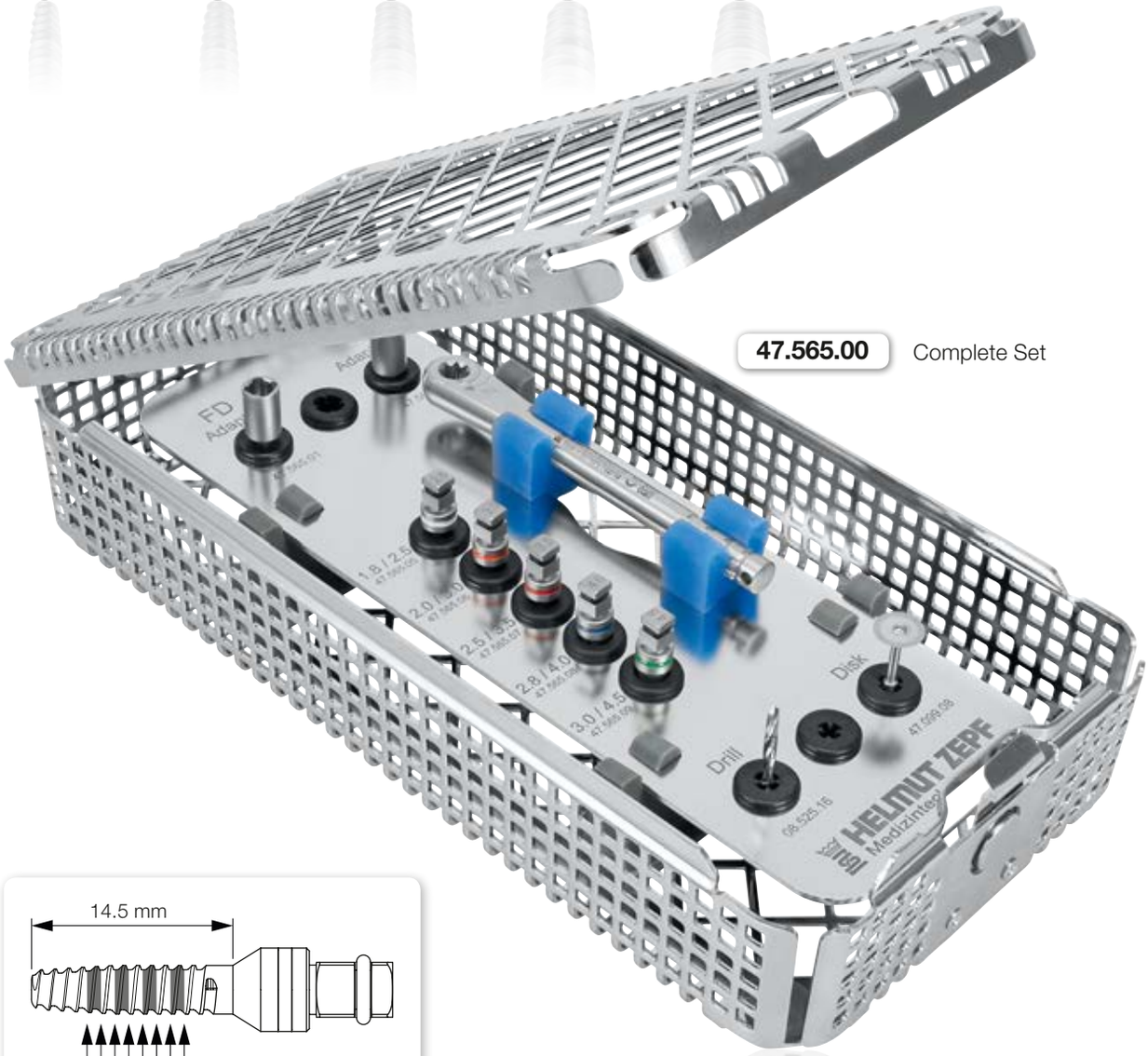
85.255.02

Option:
Storage Box for 10 titanium pins

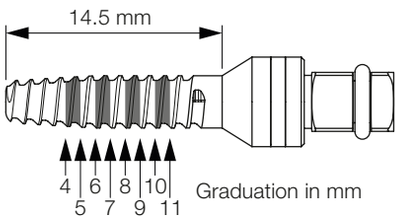
Illustration	Article Description
	**47.966.00** Augmentation Kit, consisting of: Pin Membrane Probe, Pin Applicator, Perforation Raspatory, Sinus 7 Instrument, Titanium Pin 3 mm (10 pieces) / 5 mm (5 pieces), Pin Remover, Mixing Cup, Storage Box, 1/2 Washbasket with Lid 85.194.15
	**47.520.00** Pin Membrane Probe with **ZEPF**-Design handle
	**47.520.01** Pin Applicator
	**47.520.02** Perforation Raspatory
	**47.520.03** Sinus 7 Instrument acc. to Kirsch, Spoon Ø 6.0 mm / flexible Plugger Ø 5.0 mm
	**47.560.03*** Titanium Pin, 3 mm long, Ø 2.5 mm (10 pieces included in the set)
	**47.560.05*** Titanium Pin, 5 mm long, Ø 2.5 mm (5 pieces included in the set)
	**47.847.12** Pin Remover, to remove soft tissue pins
	**85.251.04** Mixing Cup, stainless steel, with plastic lid, Ø 4 cm
	**85.256.00** Storage Box, for 5 soft tissue pins and 10 titanium pins
	**85.255.02** **Option:** Storage Box for 10 titanium pins, if a compact solution is requested

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.



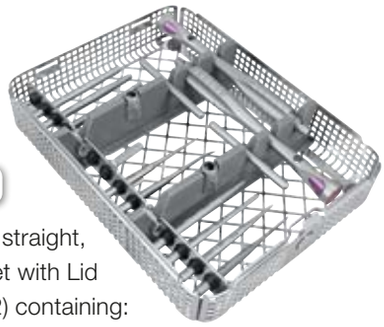
47.565.00 Complete Set



Scale 2:1

Content of the Bone Expander System

Illustration	Article Description	Order Quantity
	**47.565.00** Bone Expander System organized in a washbasket 1/3 with lid (REF 85.192.65) **consisting of:**	1 set
	**47.565.05** Expansion Screw 1.8 x 2.5 mm x 14.5 mm	1 piece
	**47.565.06** Expansion Screw 2.0 x 3.0 mm x 14.5 mm	1 piece
	**47.565.07** Expansion Screw 2.5 x 3.0 mm x 14.5 mm	1 piece
	**47.565.08** Expansion Screw 2.8 x 4.0 mm x 14.5 mm	1 piece
	**47.565.09** Expansion Screw 3.0 x 4.0 mm x 14.5 mm	1 piece
	**47.800.05** Wrench without torque	1 piece
	**47.565.01** Adapter with dental connector	1 piece
	**47.565.02** Adapter with square fitting	1 piece
	**47.099.08** Saw Separating Disc Ø 8 mm	1 piece
	**08.525.16** Drill Ø 1.96 x 15 mm	1 piece



47.990.00

VGO Ost-Set – straight, in a Washbasket with Lid (REF 85.194.22) containing:

ANTERIOR VGO OST-Set

with 7 straight screw osteotome inserts, numbered from 0-6

- Tips have first 8 mm threaded
- Produce micro cuts in bone
- Increased bleeding and better angiogenesis
- No malleting needed
- Tip-0 is unique in straight kit (Ø 1 – Ø 2 mm)
- Tip-0 to accommodate thin anterior ridges
- Provides precision marking tips for immediate placement

Included in both sets:

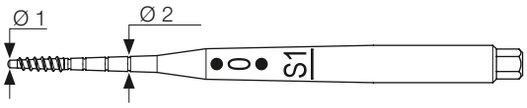
17.710.00 Z-Shape Universal handle & instrument holder for inserts with HEX-adapter, AF4, sandblasted, 2 pieces included in the set

47.990.06 Precision Marking Tip, bent, scale 8/10/13/16 mm

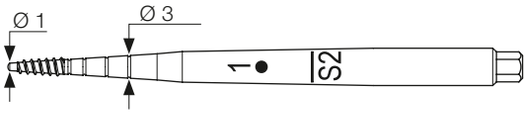
47.990.08 Precision Marking Tip, straight, scale 8/10/13/16 mm

Straight Screw Osteotomes in the VGO OST-Set

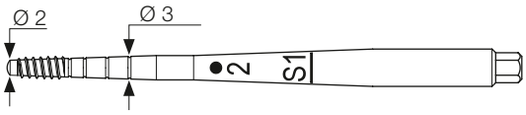
Exchangeable with Hex Connection for Z-Shape Universal handle



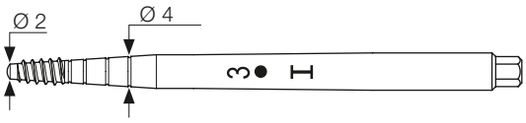
47.990.10 Screw Osteotome Insert straight, size 0, tapered Ø 1 - 2 mm, convex shank Ø 2 mm, scale 8/10/13/16 mm



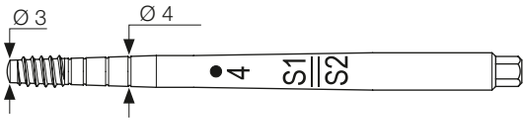
47.990.20 Screw Osteotome Insert straight, size 1, tapered Ø 1 - 3 mm, convex shank Ø 3 mm, scale 8/10/13/16 mm



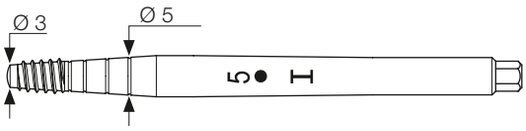
47.990.30 Screw Osteotome Insert straight, size 2, tapered Ø 2 - 3 mm, convex shank Ø 3 mm, scale 8/10/13/16 mm



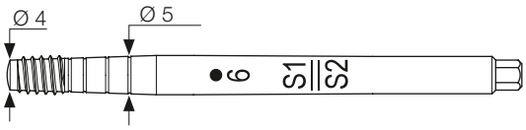
47.990.40 Screw Osteotome Insert straight, size 3, tapered Ø 2 - 4 mm, convex shank Ø 4 mm, scale 8/10/13/16 mm



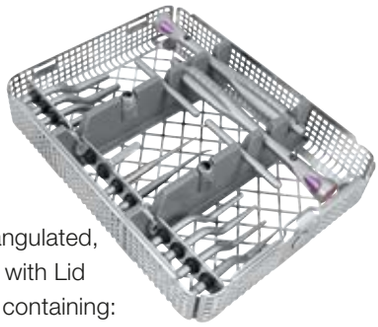
47.990.50 Screw Osteotome Insert straight, size 4, tapered Ø 3 - 4 mm, convex shank Ø 4 mm, scale 8/10/13/16 mm



47.990.60 Screw Osteotome Insert straight, size 5, tapered Ø 3 - 5 mm, convex shank Ø 5 mm, scale 8/10/13/16 mm



47.990.70 Screw Osteotome Insert straight, size 6, tapered Ø 4 - 5 mm, convex shank Ø 5 mm, scale 8/10/13/16 mm



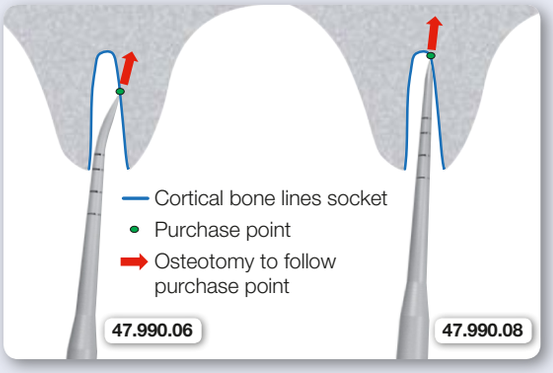
47.991.00

VGO Ost-Set – angulated, in a Washbasket with Lid (REF 85.194.22) containing:

POSTERIOR VGO OST-Set

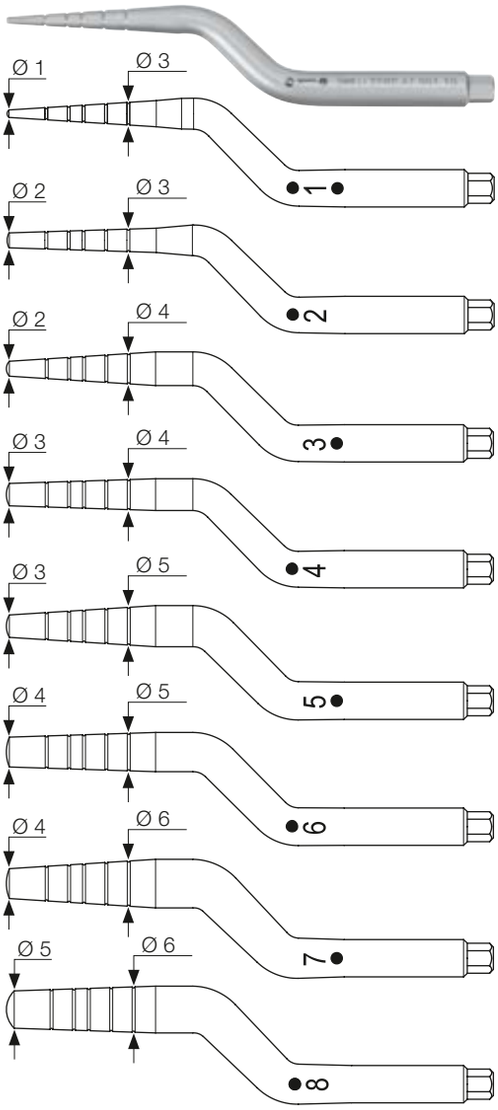
with 8 angulated osteotome inserts, numbered from 1 - 8

- No threads since turning motion limited
- 5 mm mark placed on all tips to mark threshold for crestal lift
- 5 mm is minimum available bone recommended for crestal lift
- Tips have same taper as tips 1 - 6 for straight kit
- Two additional tips (7 and 8) to accommodate wider ridges typically found in posterior area
- Provides precision marking tips for immediate placement



Application of the Precision Marking Tips

To be used during immediate placement surgery to initiate osteotomy offset towards palatal. Rotary drills usually slide down bone due to angle at which the osteotomy is initiated.



Angulated Osteotomes in the VGO OST-Set

Exchangeable with Hex Connection for Z-Shape Universal handle

47.991.10 Osteotome Insert angulated, size 1, tapered Ø 1 - 3 mm, convex shank Ø 3 mm, scale 5/8/10/13/16 mm

47.991.20 Osteotome Insert angulated, size 2, tapered Ø 2 - 3 mm, convex shank Ø 3 mm, scale 5/8/10/13/16 mm

47.991.30 Osteotome Insert angulated, size 3, tapered Ø 2 - 4 mm, convex shank Ø 4 mm, scale 5/8/10/13/16 mm

47.991.40 Osteotome Insert angulated, size 4, tapered Ø 3 - 4 mm, convex shank Ø 4 mm, scale 5/8/10/13/16 mm

47.991.50 Osteotome Insert angulated, size 5, tapered Ø 3 - 5 mm, convex shank Ø 5 mm, scale 5/8/10/13/16 mm

47.991.60 Osteotome Insert angulated, size 6, tapered Ø 4 - 5 mm, convex shank Ø 5 mm, scale 5/8/10/13/16 mm

47.991.70 Osteotome Insert angulated, size 7, tapered Ø 4 - 6 mm, convex shank Ø 6 mm, scale 5/8/10/13/16 mm

47.991.80 Osteotome Insert angulated, size 8, tapered Ø 5 - 6 mm, convex shank Ø 6 mm, scale 5/8/10/13/16 mm

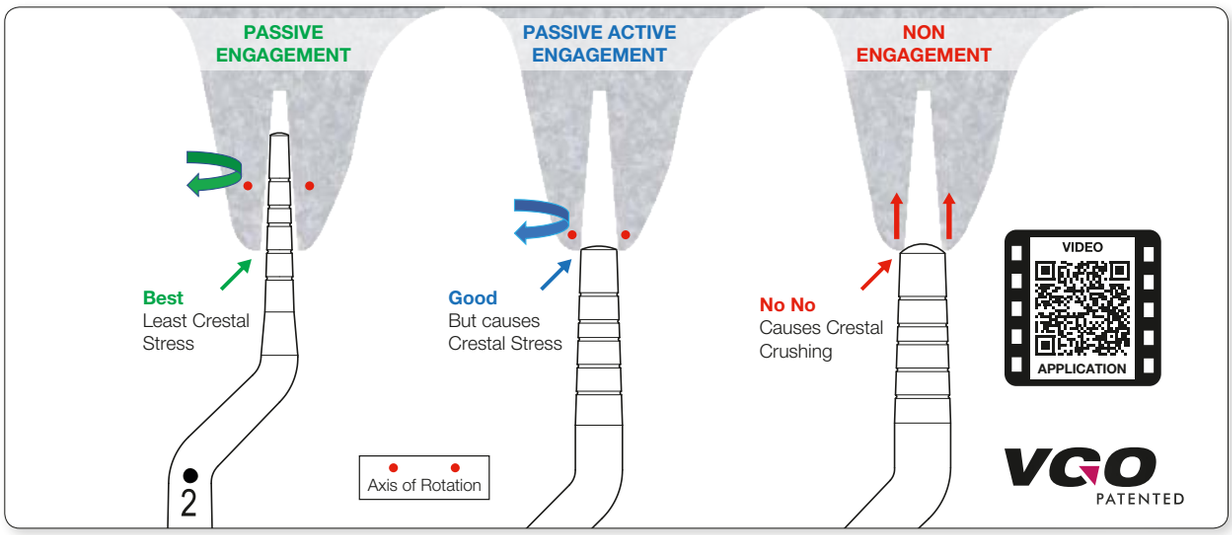
VGO OST-Sets – AESTHETIC IS THE RESULT

Advantages of the VGO Osteotomes

- ZERO HEAT PRODUCED!
- ALWAYS PASSIVE ENTRANCE!
- DECREASED CRESTAL STRESS!
- FULL CONTROL OF RATE OF DILATION!
  since hand-piece is not used at constant speed
- REVOLUTIONARY FLEXIBILITY OF USE
  All Osteotomes on the market may look alike, but they are not!
  We offer a unique stepped formula for tip escalation and a revolutionary flexibility of use like no other system on the market.

3 main modes of use!

ZEPF VGO MODE: **PASSIVE ENGAGEMENT** (Stepped Escalation)
ZEPF HYBRID MODE: **PASSIVE ENGAGEMENT** (Linear Escalation)
ZEPF STANDARD MODE: **PASSIVE ACTIVE ENGAGEMENT** / **NON ENGAGEMENT** (not recommended)



Bone is Gold: PASSIVE WAVE DILATION SYSTEM

acc. to Pavel Krastev DDS

How do we manage the osteotomy ATRAUMATICALLY? How do we manage the osteotomy for greater implant success? Bone is Gold, so how do we hurt the bone less? How do we mallet less, as to make procedure less unpleasant for our patients?

Let us control the bone as opposed to having the bone control us.

Because of the overlapping diameters of the VGO Osteotomes, you are able to passively engage the previously made intrabony cavity, even when You didn't use the full length of the tip.

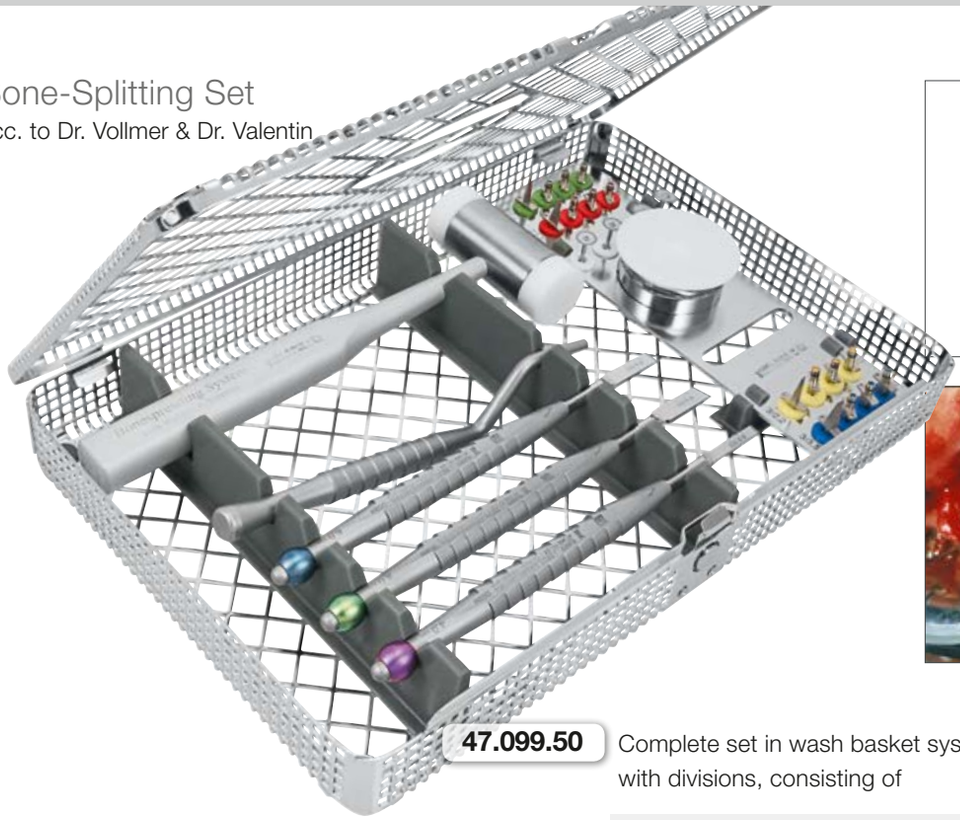
PASSIVE ENGAGEMENT – successive osteotome fits freely into the previous intrabony cavity and becomes active at a point deeper than crestal bone, as is currently done by the new ZEPF VGO Way.

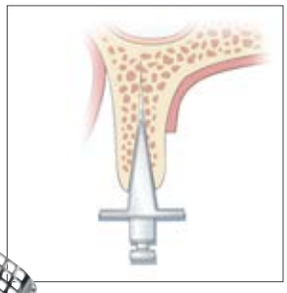
PASSIVE ACTIVE ENGAGEMENT – when a traditional Summers Osteotome is used to full working depth of tool, the next Tip will engage previously made intrabony cavity passively and will start being active immediately as it progresses further into cavity.

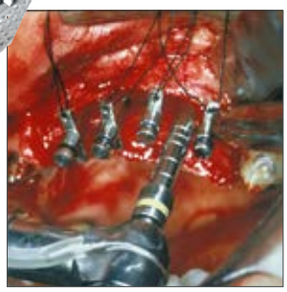
NON ENGAGEMENT – when next osteotome is used, it simply does NOT fit the intrabony cavity created by previous osteotome. This is what occurs when traditional summers osteotomes are used to partial depth of tip.

Bone-Splitting Set

acc. to Dr. Vollmer & Dr. Valentin







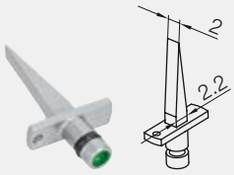
47.099.50 Complete set in wash basket system 85.195.65 with divisions, consisting of

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.

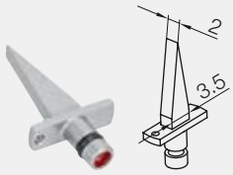
The principle is based on the creation of a similar alveolar cavity in the maxillary crest with a good potential of regeneration. For this indication, the experienced implantologists Dr. Vollmer and Dr. Valentin have developed exactly adapted system components for different anatomical situations in co-operation with the company **HELMUT ZEPF**.

Art. No.	Description
41.501.01	Hammer with exchangeable plastic inserts, Ø 25 mm, light metal handle, acc. to Dr. Vollmer
47.949.11	Pointed Chisel 4 mm, red
47.949.12	Pointed Chisel 6 mm, blue
47.949.13	Pointed Chisel 8 mm, green
47.099.08	Separating Disc Ø 8 mm
47.099.10	Separating Disc Ø 10 mm
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
47.099.20	Wedge Applicator
85.251.04	Medicine Cup, stainless steel, with plastic lid, Ø 40 mm x 30 mm high

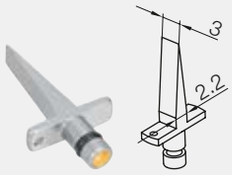
Inter-Implantatory Wedges



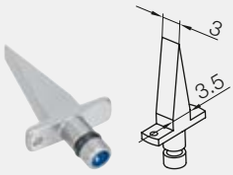
47.099.31



47.099.32



47.099.33



47.099.34


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, 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 and # 2

41.848.41 **Benex®** SinusLift Elevator, # 1, **ZEPF**-Line with graduation

41.848.42 **Benex®** SinusLift Elevator, # 2, **ZEPF**-Line with graduation

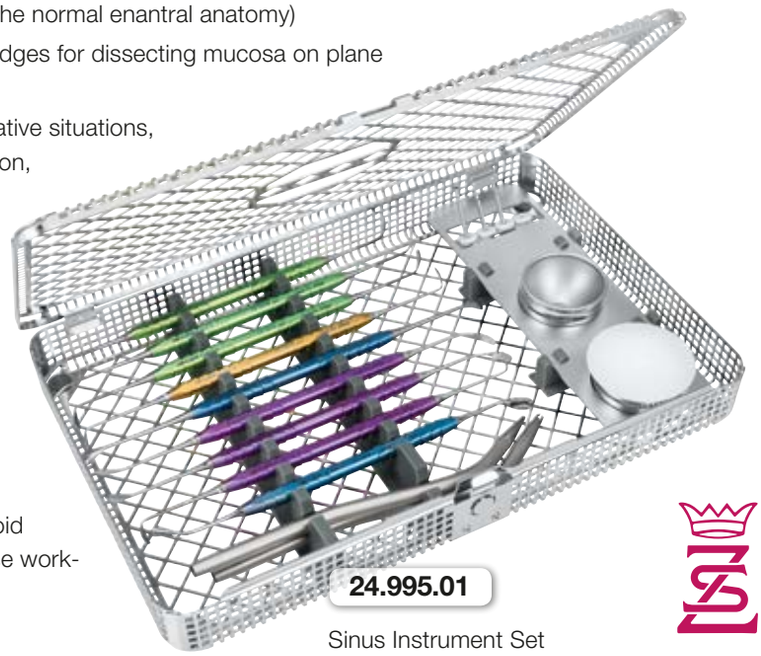
Supplementary Instruments

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

Sinus Instrument Set acc. to Prof. Dr. Dr. Stiller

- Immediate sinus floor elevation with or without bone cover
- Particularly suited for difficult maxillary sinus structure (septa, maxillary pillars, scarred mutations in change with intact maxillary sinus mucosa)
- **Flexible working tips** (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
- Delicate working tips for the most complicated intraoperative situations, e.g. cicatrizations, situation after mouth-antrum connection, enantral preparation of the maxillary sinus mucosa on root surfaces and very thick facial maxillary sinus wall, preparation of remarkable recesses
- Glare-free working tips with polished edges allowing an ergonomic and atraumatic working
- Favorable resp. reduced natural oscillation behavior of the instruments in spite of flexible working tips
- Two mixing cups to collect autologous bone and to mix autologous blood with bone graft substitute
- Special maxillary sinus aspirators with perforations to avoid suction perforations; delicate working tips to allow precise working even in difficult situations



24.995.01
Sinus Instrument Set
acc. to Prof. Dr. Dr. Stiller

Art.-No.	Description
08.902.031HF	HB Drill, 031HF, round
08.906.023C	Diamond, 023C, round, Ø 2.3 mm
08.906.029C	Diamond, 029C, round, Ø 2.9 mm
19.651.13	Surgical Aspirator, SinusLine, titanium tip, slotted, Ø 1.5 mm
19.651.14	Surgical Aspirator, SinusLine, titanium tip, slotted, Ø 3.0 mm
41.822.01	Stiller Sinus Elevator, blunt, 4.0 mm, bendable, double-ended, 19.5 cm, Titanium **ZEPF**-Line, green
41.822.02	Stiller Sinus Elevator, blunt, 2.5 mm, bendable, double-ended, 19.5 cm, Titanium **ZEPF**-Line, green
41.822.03	Stiller Sinus Elevator, blunt, 3.0 mm, bendable, double-ended, 19.5 cm, Titanium **ZEPF**-Line, green
41.822.04	Sinus Elevator, universal, 3.0 mm, double-ended, 19.5 cm, Titanium **ZEPF**-Line, yellow
41.822.05	Sinus Elevator, universal, 6.0 mm, double-ended, 19.5 cm, Titanium **ZEPF**-Line, blue
41.822.11	Stiller Sinus Elevator, sharp, 4.0 mm, double-ended, 19.5 mm, Titanium **ZEPF**-Line, red
41.822.22	Stiller Sinus-Elevator, sharp, 2.5 mm, double-ended, 19.5 mm, Titanium **ZEPF**-Line, red
41.822.33	Stiller Sinus-Elevator, sharp, 3.0 mm, double-ended, 19.5 mm, Titanium **ZEPF**-Line, red
41.868.07	Kirsch Sinus 7 Plugger, Spoon 8 x 10 mm, double-ended, 17.5 mm, Titanium **ZEPF**-Line, blue
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
85.995.01	Washbasket 1/1 with Lid and Instrument Holders for Sinus Lift Instrument Set acc. to Prof. Dr. Dr. Stiller

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

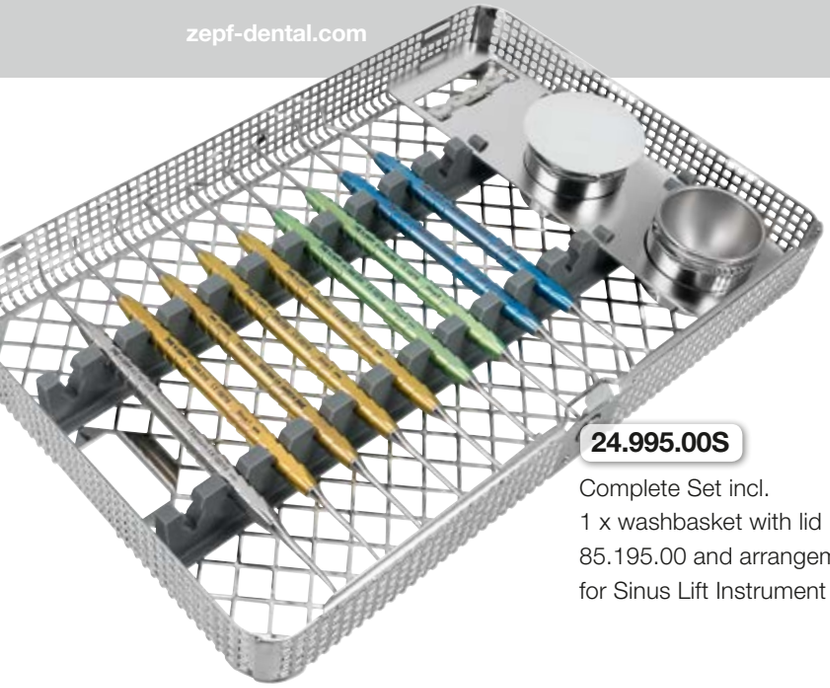
41.868.02S **Kirsch**, Sinus 2 SMALL, Elevator 60°/60°, Titanium **ZEPF**-Line Handle, double-ended

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

Contrast PA Probe Inserts

The new **ZEPF** Contrast PA Probes are made of plastic material and dispose of a flexible working tip which adapts optimally to the anatomy of the pocket depth when measuring.
Colorstable, 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

Flexible working tip

Packing Example

Assembly without a tool

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.

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

HELMUT ZEPF Cheek Retractors are frequently used in intraoral photography, in extensive cheek retraction, in dental diagnostics and in surgical interventions.

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

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.

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

KRASTEV Abutment Holder

acc. to Pavel Krastev DDS, in **ZEPF** bionik Handle

When implant abutments are inserted into patient's mouth, abutments are most often held by fingers while trying to find and engage the hex of the implant. This is especially difficult when abutments are very short, or location is more difficult to access. When inserting abutments, one needs to orient a buccal mark to buccal. It is also necessary to engage the implant hex which is hidden under the soft tissue and is not easy to see! Because abutments are usually slightly tapered and very smooth they are almost impossible to hold with current instruments.

- Instrument is double-ended with a small and a large tip.
- Main instrument insert is metal and accepts at each end a silicone type insert.
- Working portions are designed so that silicone inserts will mechanically lock to main body portion of tips.
- Silicone tips are open-ended at both sides.
- Inserts are autoclavable.
- Inserts fix and hold the abutment once it is correctly placed.

24.751.317N **24.751.316N**

47.527.00 KRASTEV Abutment Holder with **ZEPF** bionik Handle black and 10 silicone tips, 0.5 mm inner diameter x 1.0 mm outer diameter

47.527.01 Kit of 10 silicone tips, 0.5 mm inner diameter, 1.0 mm outer diameter. This kit is already included in article 47.527.00 KRASTEV Abutment Holding Instrument.

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.

PROSTHESIS LIFTER
BY DR. WIETZORKE

Prosthesis Lifters in ZEPF BIONIK Handle are available in the following colors

19.265.01	yellow
19.265.02	signal orange
19.265.03	red purple
19.265.04	signal purple
19.265.05	lightred-magenta
19.265.06	turquoise-brightblue
19.265.07	cobalt-blue
19.265.08	yellow green
19.265.09	grey
19.265.10	black

19.265.00

Counter display rack with 20 Prosthesis Lifters for artificial dentition, acc. to Dr. Wietzorke, in **ZEPF** BIONIK Handles

FAST, SAFE, GENTLE

Offer your patients a real additional benefit! Especially in new telescope prostheses featuring several telescopes, the patient often has difficulties in removing the exactly fitting prosthesis for cleaning purposes.

To make matters worse, telescope prostheses can be removed by uniform loosening of all telescope crowns only. These might get jammed due to unilateral tilting. For this purpose, **HELMUT ZEPF** Medizintechnik GmbH has developed the Prosthesis Lifter for artificial dentition in co-operation with Dr. Wietzorke.

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.

24.062.31

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

24.062.30

Size 1, 24 mm, signal orange

Temporary Crown Remover

acc. to Dr. Hobl, in **ZEPF** bionik Handle

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

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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 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

26.120.13Ti Micro-composite Spatula, width 1.6 mm

CompoSMOOTH

THE SURFACE IS THE KEY...
acc. to Prof. Dr. med. dent. G. Krastl

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.

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 slight pressure. The tooth shape is modeled in a way that reduces the subsequent polishing work to a minimum... and the result – optimal!

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

19.201.31

19.201.21

19.201.11

Soft Application Inserts for layering technique
for handle 19.200.00.
PU: 12 pieces in the box

VIDEO
APPLICATION

26.120.321Ti **26.120.322Ti**

26.120.32Ti Fissure Former Ø 1.9 mm / Ø 2.3 mm

24.751.320Ti **24.751.319Ti**

26.120.10Ti # 1, Spatula 1.5 mm, small

26.120.121Ti **26.120.122Ti**

26.120.12Ti Spatula 1.8 mm / Beavertail Insert 2.6 mm

24.751.323Ti **24.751.325Ti**

26.120.25Ti # 1, Plugger Ø 1.5 mm / # 2, Plugger Ø 1.9 mm

EASY CONTACT POINT Instruments by HELMUT ZEPF

3.1 mm wide, in bionik Handle, black

26.123.01

3.8 mm wide, in bionik Handle, yellow-green

26.123.02

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

EASY CONTACT POINT MOD Pliers
for perfect forming of contact points while preparing a composite restoration

26.122.00 MOD Pliers for premolars

26.122.10 MOD Pliers for molars

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.

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
- Non-light reflecting surface

24.710.010X ATTIN Compo Knife for buccal and lingual surfaces, in **ZEPF** bionik Handle black, exchangeable inserts with nanopal coating

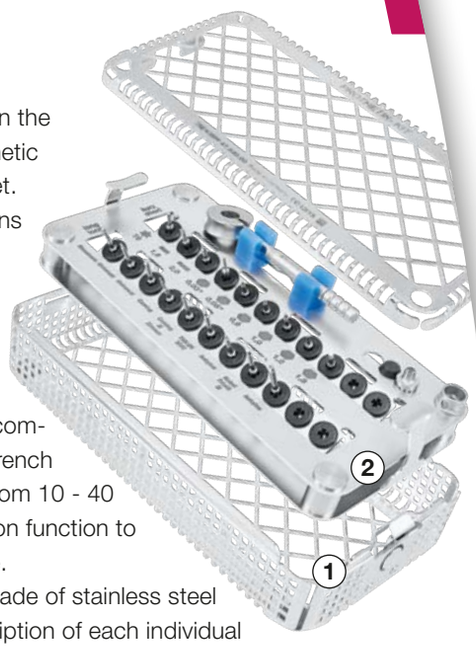
24.710.020X ATTIN Compo Knife for mesial and distal surfaces, in **ZEPF** bionik Handle yellow green, exchangeable inserts with nanopal coating

bionik ZEPF

reddot design award
winner 2010

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. 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.



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.

47.830.00 Complete Prosthetic Kit consisting of:

Shape	Screwdrivers with dental lock	short, 21 mm	long, 26 cm
☆	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*	

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.

Sturdy, with a spring handle which holds the instrument securely in the hand.
A set screw keeps the jaws in perfect alignment.

19.277.01Z

Crown-Spreading Pliers acc. to Bauer, modified DBGM, 14.5 cm

Crown-Tractor Crown-Extraction Pliers with interchangeable plastic tips

Adjust the screw on the plier so that it fits nicely over the crown to be removed

After adjusting the plier, tips should be moistened with diamond powder

The crown can now be removed in a safe way

19.274.00

CROWN-TRACTOR Set "Exclusive"
Extraction Pliers with thumbscrew detent and retaining spring, 16 cm

20 Plastic Polymer Tips,
10 g DIATRAC adhesive powder

19.274.01

CROWN-TRACTOR Set "Economical"
Extraction Pliers without thumbscrew detent and retaining spring, 16 cm

20 Plastic Polymer Tips,
10 g DIATRAC adhesive powder

19.274.13

Replacement Kit:
10 g DIATRAC adhesive powder, gamma irradiated and
40 Plastic Polymer Tips

ZEPF ENDO CUBE

acc. to Pavel Krastev DDS, patented

Never confuse your Master Gutta-Percha Cones again during the obturation phase of root canal treatment.

The ENDO CUBE is designed to be used during the obturation phase of root canal treatment. It can also be used for measurement control since the ENDO CUBE features a ruler calibrated up to 37 mm.

ENDO CUBE features the most common canal configurations found in human teeth, to include the mid-mesial often found on lower molars.

ENDO CUBE is fully autoclavable for patient safety!

ENDOCUBE PATENTED

19.542.00

ENDO CUBE Master Cone Organizer, 43 x 43 x 43 mm, CERATEF coating

19.542.01

without illustration: version in plastic material, black

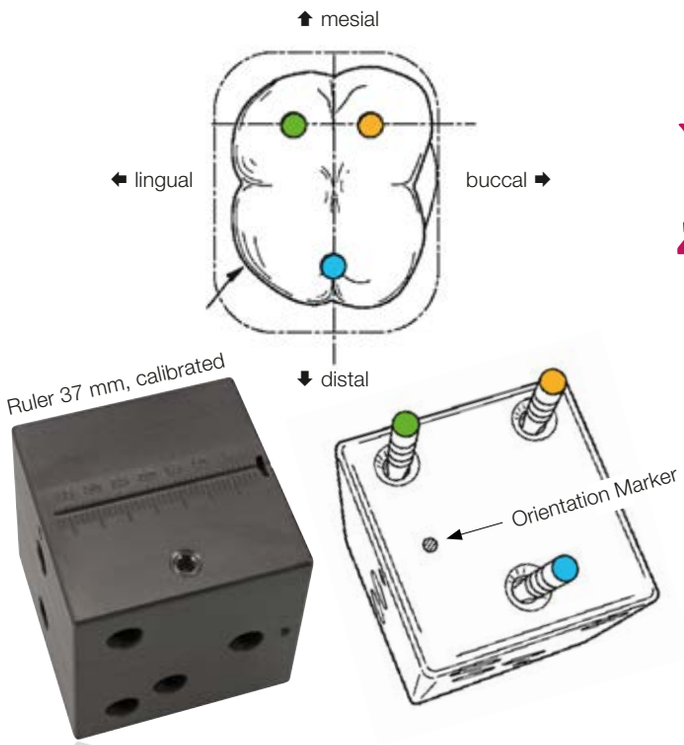
Example of use

Step 1: Following the instrumentation phase of root canal treatment, fit Master Gutta-Percha Cones and verify with X-Ray.

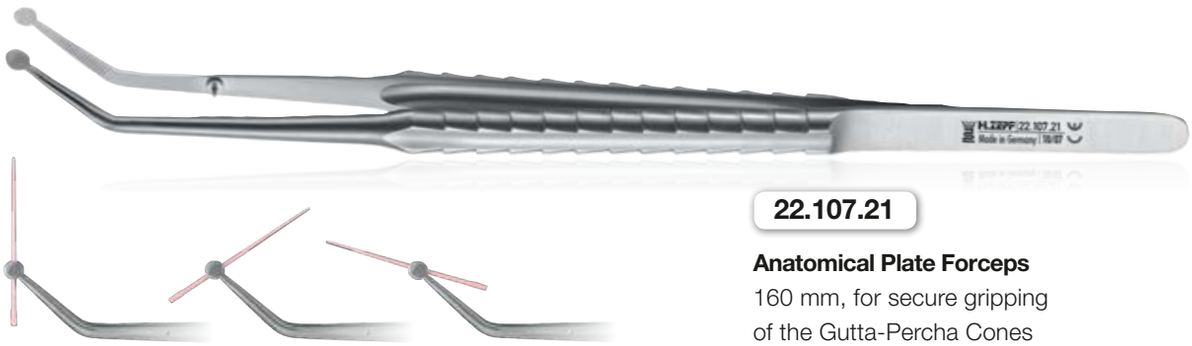
Step 2: Depending on doctor position relative to which tooth is being endodontically treated, select what the Orientation Marker will represent to you. Example: B, L.
Note: In case of upper molars, the marker dot always indicates palatal!

Step 3: Transfer Gutta-Percha Cones from tooth into ENDO CUBE exactly as they are positioned in tooth. Perform final canal irrigation and drying procedure.

Step 4: Coat each Master Cone with sealer and return each respective Gutta-Percha Cone back into each respective canal.



Supplementary Instrument



22.107.21

Anatomical Plate Forceps
160 mm, for secure gripping of the Gutta-Percha Cones

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.

19.281.15TC

All-Purpose Pliers,
with TC insert,
14.5 cm

22.281.15TC

Universal Tweezers,
with TC insert,
14 cm

Nerve Canal Plier

Nerve Canal Plier for grasping fractured root-canal instruments or silver pins.
Due to the very fine concave milling groove, the instrument can be used to remove deeply fractured endodontic files, too.

19.561.13

Nerve Canal Plier,
with concave milling,
12.0 cm

Implant Organizer

acc. to Pavel Krastev DDS, US Patent 9,545,297 B1

Additional Use
Bottom portion of Organizer can be additionally used during the bonding phase of porcelain veneers and / or ceramic restorations.

Dental implants are packaged in sterile vials and should be used in an as clean and organized manner as possible.

Implant therapy can be broken down into four phases: a planning phase, a surgical phase, a post-surgical phase and a restorative phase. The organizer is used during all four phases.

1. Planning Phase
The doctor elects an implant size for a particular site, or sites. Each planned implant size will be placed into a receptacle that corresponds to a tooth number provided on the organizer. At the end of the planning phase, all planned implants with the appropriate sizes are present in the corresponding receptacle of the implant organizer.
Benefit: It is assured that required implants are available for the planned surgery.

2. Surgical phase
The surgical assistant places the organizer with the corresponding implant vials on the countertop. When the doctor has completed the osteotomies, the surgical assistant takes the vial from the corresponding receptacle of the Implant Organizer, opens the vial and passes the implant to the doctor for insertion. Afterwards, the surgical assistant replaces the empty vial back into the implant organizer and assists the doctor in the same manner until the procedure terminates.
Benefit: The doctor is not distracted from the surgical field to cross check the implant sizes since it was already done in the planning phase. Any potential confusion is eliminated.

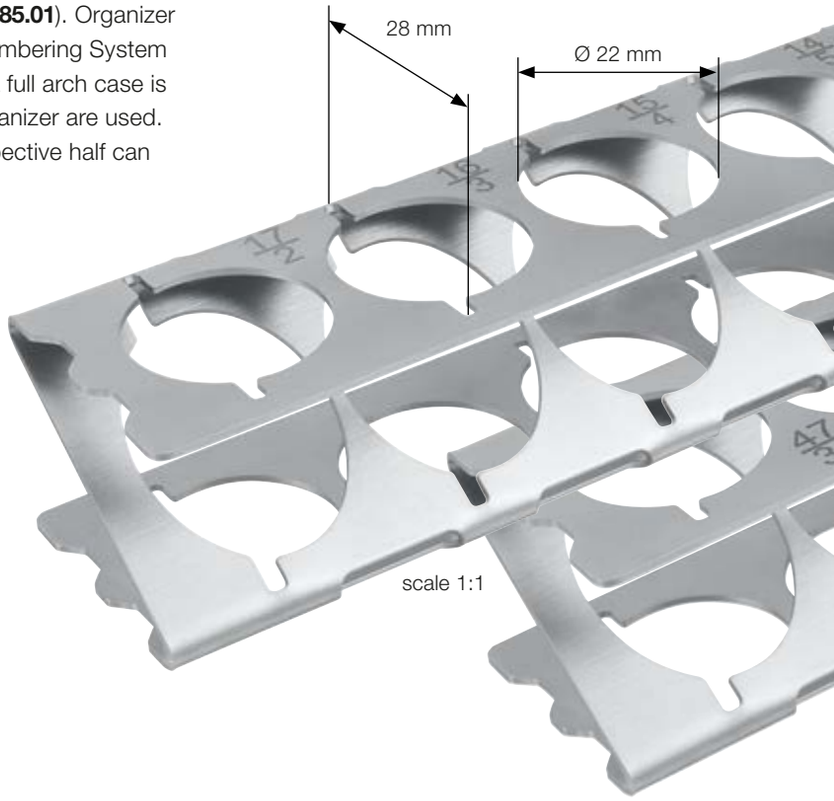
3. Post-surgical phase
The importance of the post-surgical phase has to do with record keeping. In this phase the doctor makes his notes in the patient chart. It is imperative that all labels are placed according to tooth numbers in the patient record / chart! The Implant Organizer is now available for this purpose. All vial labels can be removed and inserted into the patient chart.
Benefit: Avoiding of errors during record keeping.

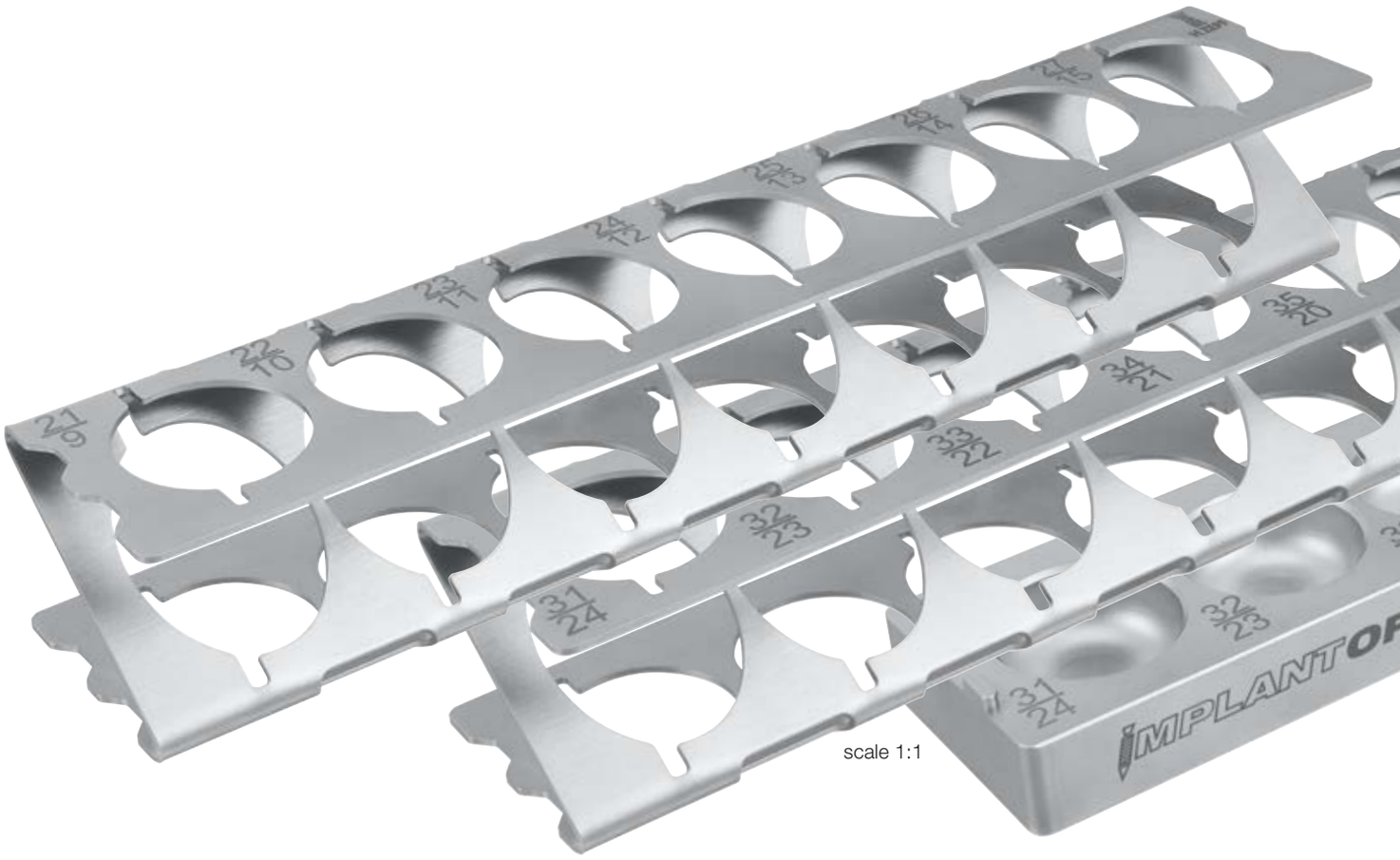
4. Restorative Phase
The bottom of the implant organizer is manufactured with much lower profile and with solid bottoms, magnetically attached. It should be used during the restorative phase of implantology. In this manner as the doctor removes healing abutments from the patient's mouth they can be placed into the implant organizer according to tooth numbers.
Benefit: A mix-up of healing caps / abutments is avoided because all parts are assigned to an explicit tooth.

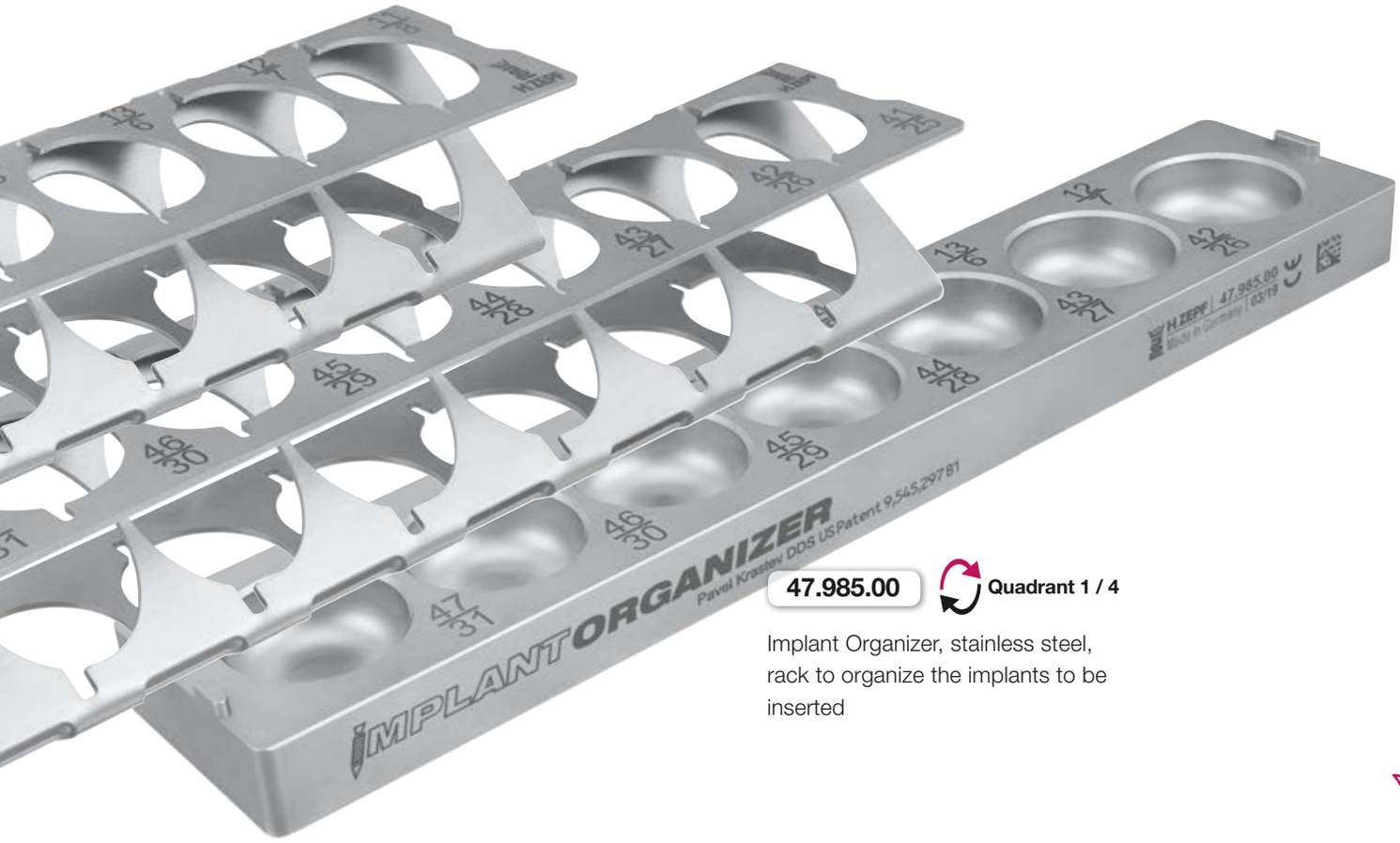
Implant Organizer

acc. to Pavel Krastev DDS, US Patent 9,545,297 B1

The Implant Organizer consists of a right half (for quadrant 1 and 4 REF **47.985.00**) and a left half (for quadrants 2 and 3 REF **47.985.01**). Organizer features tooth numbers designated by the Universal Numbering System and the European (Palmer) Numbering System. When a full arch case is performed (guided surgery or not), both halfs of the organizer are used. When working on either right or left side of patient, respective half can be used.

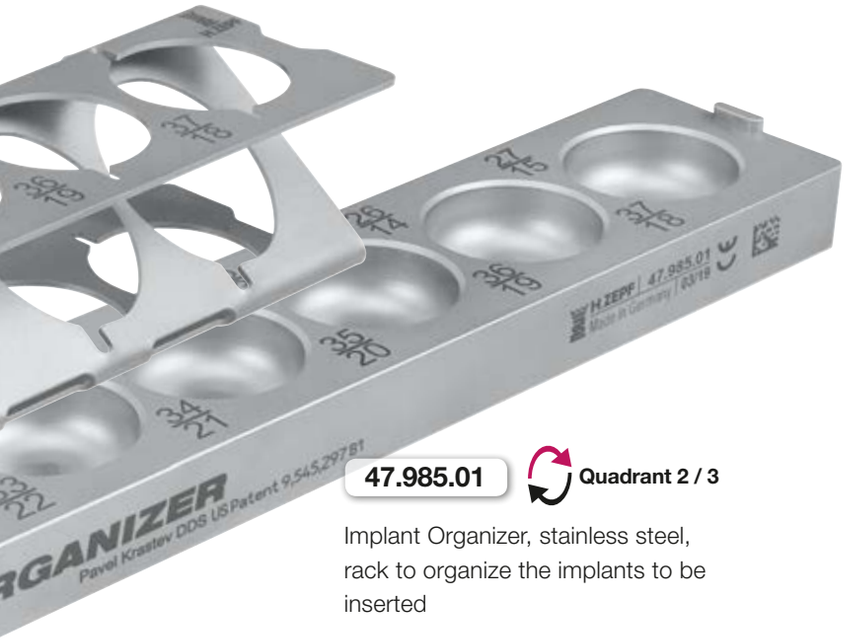






47.985.00 Quadrant 1 / 4

Implant Organizer, stainless steel, rack to organize the implants to be inserted



47.985.01 Quadrant 2 / 3

Implant Organizer, stainless steel, rack to organize the implants to be inserted

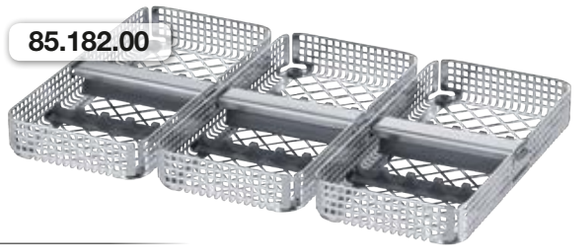
ZEPF care system

Advantages

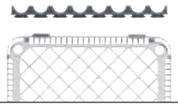
- The meshes of the bottom and the lid are designed in a broad shape. Consequently dead zones are minimized.
- The diagonal profile of the mesh simplifies the identification of the parallel arranged instruments in the profile.
- The meshes on the edge of the tray are designed in a narrow shape and thus enhance the stability of the basket.
- The risk of injury is reduced.

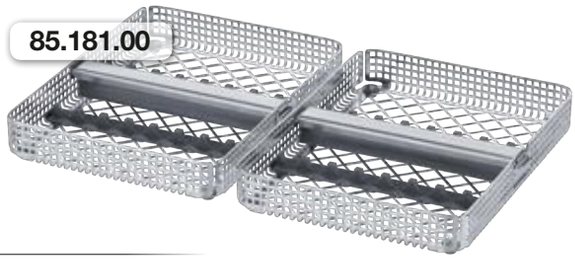
Washtrays

1/3 178 x 90 x 24

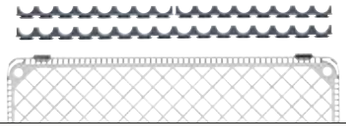


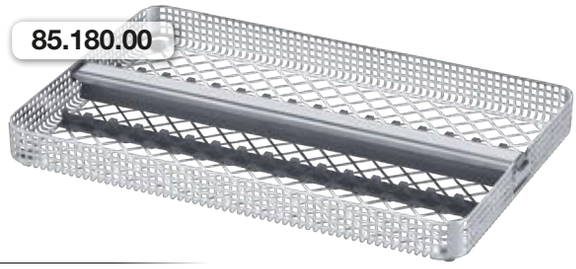
1/2 178 x 135 x 24



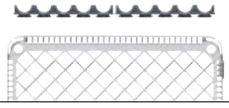


1/1 275 x 178 x 24





1/1 275 x 178 x 24



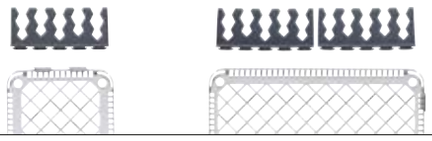
Profile, high, individual

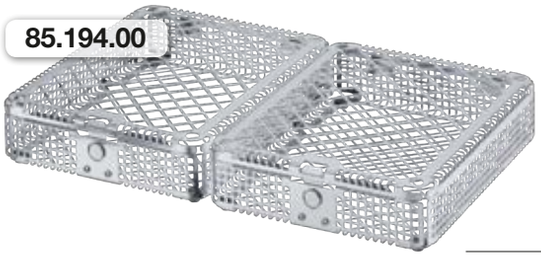
Profile, high, with individual water jet cutting.

ZEPF care system

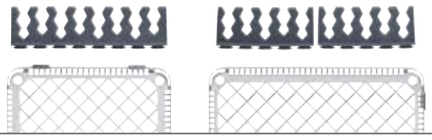
Washbaskets

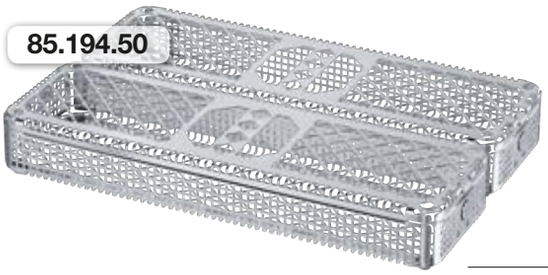
1/3 178 x 90 x 37



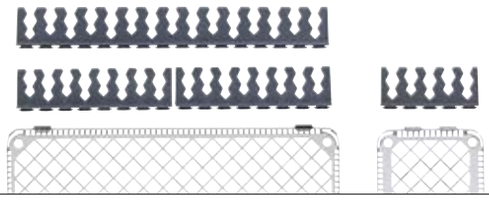


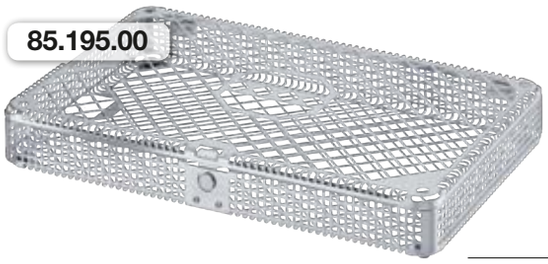
1/2 178 x 135 x 37



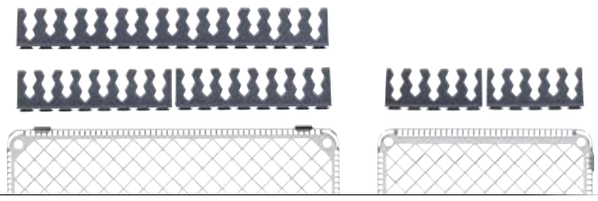


1/2 275 x 86 x 37





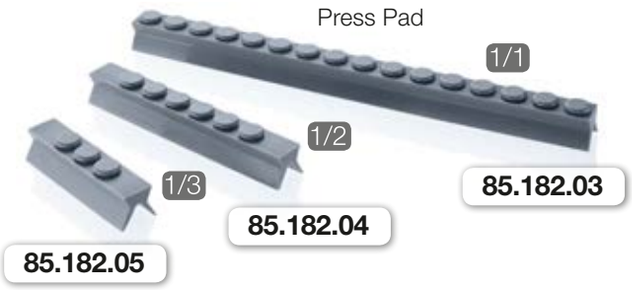
1/1 275 x 178 x 37



Profile, low

Profile, high, universal

Press Pad



85.182.08

Lid Instrument Fixation to fix scissors / needle holders in the washbasket

ZEPF Medizinbecher

85.252.25

Medicine Cup, stainless steel,
Ø 60 mm x 27 mm high,
25 ccm

usable on
both sides

85.251.04

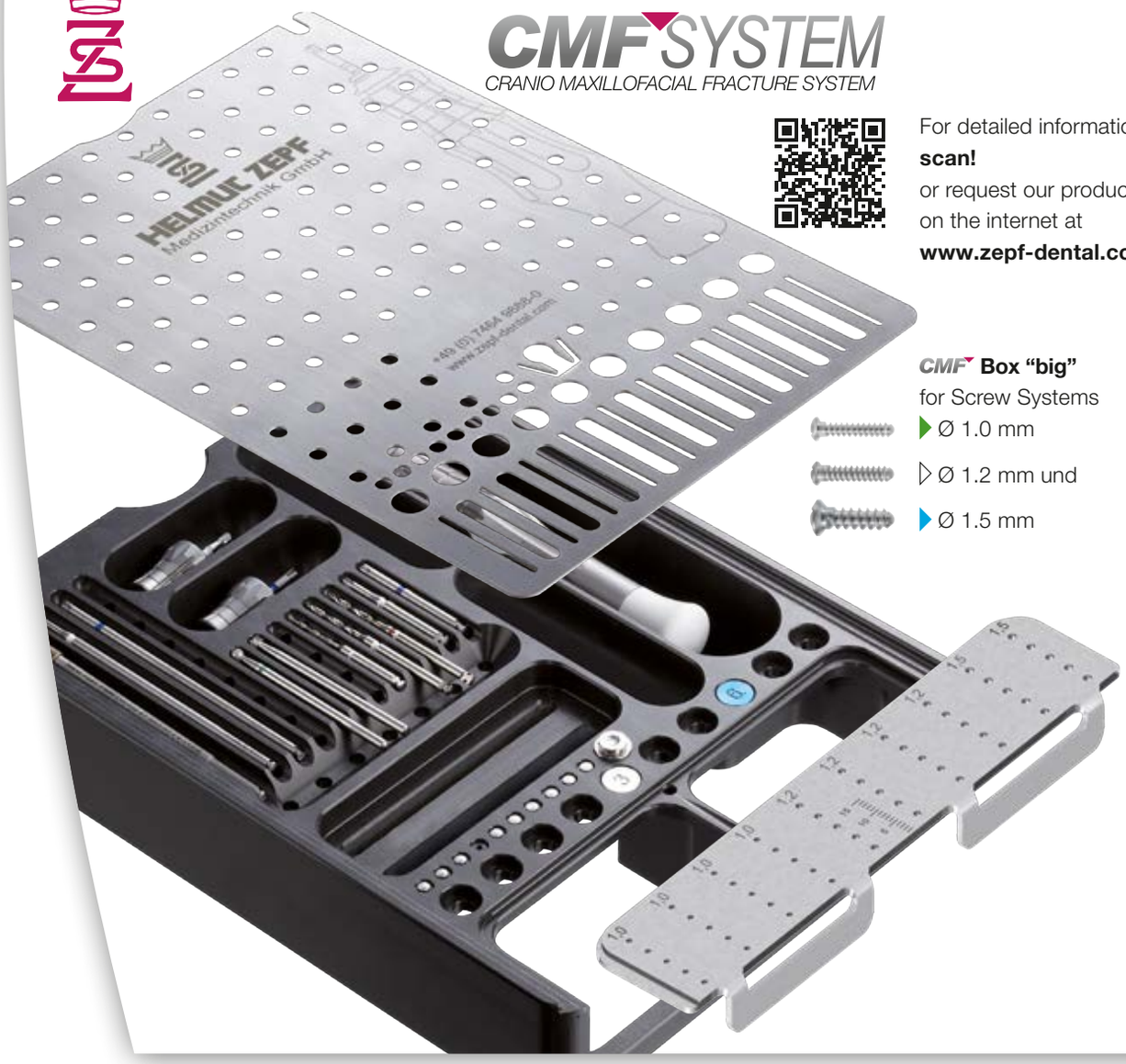
Medicine Cup, stainless steel,
with plastic lid,
Ø 40 mm x 30 mm high

85.251.03

Medicine Cup, stainless steel,
with plastic lid,
Ø 40 mm x 25 mm high

CMF SYSTEM

CRANIO MAXILLOFACIAL FRACTURE SYSTEM



For detailed information just
scan!
or request our product flyer
on the internet at
www.zepf-dental.com.

CMF **Box "big"**
for Screw Systems
- Ø 1.0 mm
- Ø 1.2 mm und
- Ø 1.5 mm

ZEPF Screwdriver Handle, with blade

HELMUT ZEPF
1921–2021

HELMUT ZEPF
1921-2021

ZEPF|dental
essentials

AESTHETIC IS THE RESULT

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100 Years Made in Germany

ZEPF|essentials K21/1E