ZEPF dental
CATALOGUE

2021

HELMUT

MEDIZINTECHN

Content

ZEPF

IK GMBH

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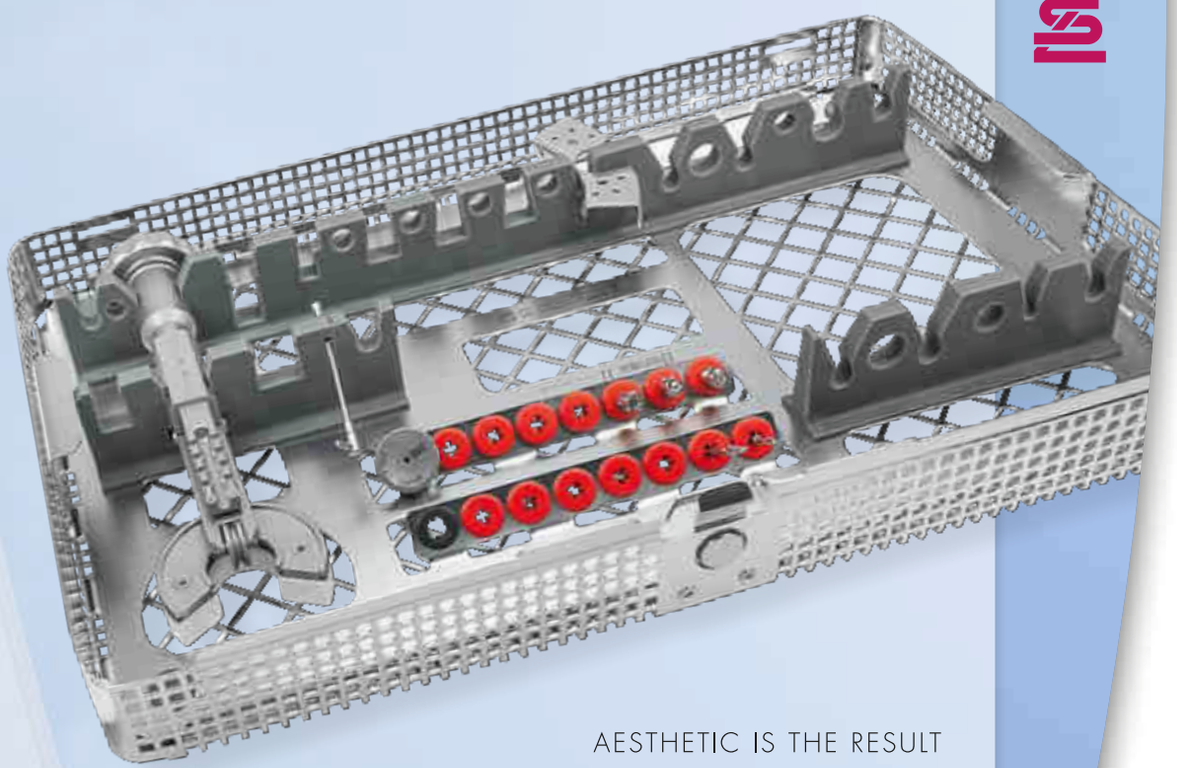
HELMUT ZE
MEDIZINTECHNIK GM

Company Profile

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

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

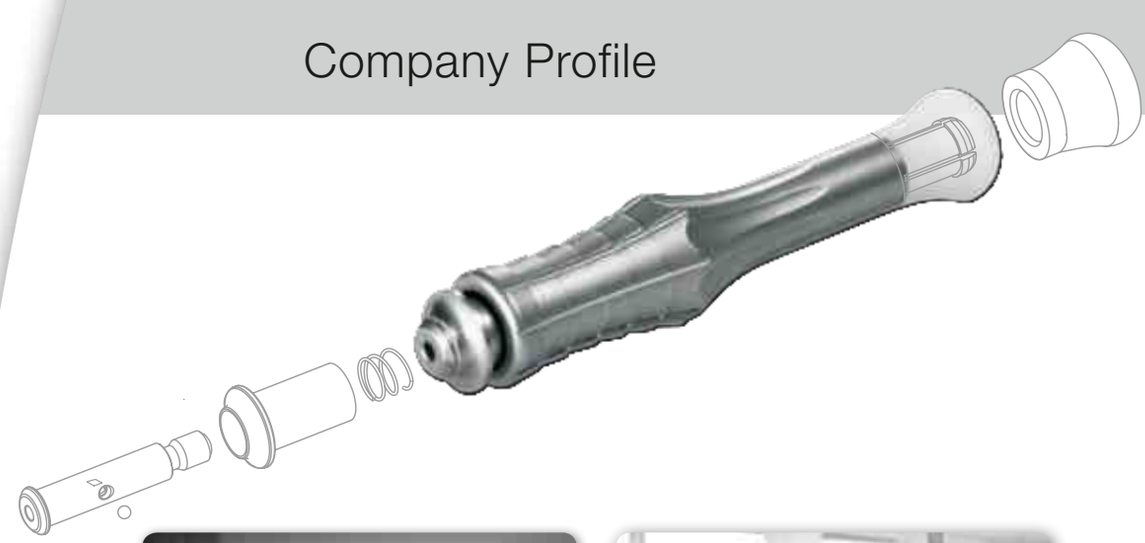
Helmut Zepf senior and Helmut Zepf junior developed the company in the following decades to a leading manufacturer of dental instruments in Germany.

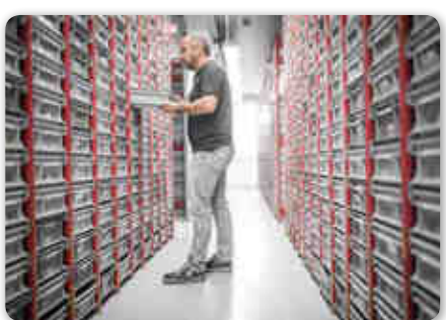


AESTHETIC IS THE RESULT

MADE IN GERMANY

Company Profile





Craftmanship since 1921

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

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

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

Loyal customers who appreciate our innovations are our reward.

Thank you for your confidence!

The "New Generation Handles"

Z-SHAPE RELAX

The Z-SHAPE Relax handles were designed according to ergonomic knowledge for the optimal working process during the curettage.
The handles are coated with the new ZEPF nanopal® coating.
The black-coated ZEPF nanopal® curettes have a durable, very hard surface which is very aggressive and sharp-edged, due to their crystalline nanostructure.
With the unique coating, the surface hardness is increased to an unprecedented **4500 Vickers**.
The black, scratch-resistant surface is easy to clean and prevents unpleasant light reflections.
As usual, the instrument tips are interchangeable due to the M4 x 0.5 mm thread. *QUICK*FIX

Handle colors
HELMUT ZEPF
Z-SHAPE Relax
handles:

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

All CE marked products according to the Medical Device Directive 93/42/EEC are mentioned in the index from page 11-07. CE K2019-07/1-E

+49 (0) 74 64 / 98 88 0

bionik ZEPF

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

See page 03-02 and 03-03 for all bionik Handles available!

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

See page **03-02** and **03-03** for the article numbers of all bionik Handles available.

bionik Handle, *QUICK*FIX, double-ended

26.193.10

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

26.193.20

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

26.194.20

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

26.194.10

24.080.01 Mirror Handle, solid, stainless steel

24.089.02 Mirror Handle, ergonomically designed, hollow, stainless steel

24.086.01 Mirror Handle, hollow, stainless steel

26.180.06 Handle, single-ended, **ZEPF**-Design for probes and mirrors, Ø 2.5 mm

26.181.04 Mirror Handle, double-ended, titanium

24.087.00 Mirror Handle, single-ended, titanium

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

Mouth Mirrors

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

Lipcare Mouth Mirror acc. to Dr. Preusse

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

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

24.062.24 QTY 5

24.062.24. QTY 1

plane, QTY 12

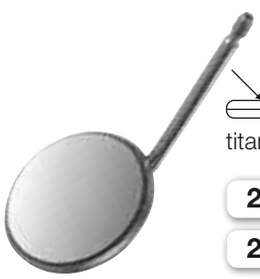
24.061.22 Ø 22 mm

24.061.24 Ø 24 mm

magnifying, QTY 1

24.075.22 Ø 22 mm

24.075.24 Ø 24 mm



titanium-plated, QTY 12

24.067.22 Ø 22 mm

24.067.24 Ø 24 mm

titanium-plated
on both sides, QTY 12

24.070.22 Ø 22 mm

24.070.24 Ø 24 mm

MEGA, QTY 12

24.071.22 Ø 22 mm

24.071.24 Ø 24 mm

MEGAduo, QTY 6

24.072.22 Ø 22 mm

Back Surface

These mirrors have their reflective coatings on their rear surfaces.

Front Surface

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

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

26.191.01 **26.191.03**

26.191.02 **26.191.04**

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

37.445.01 QTY 1

Retractor acc. to Hilger

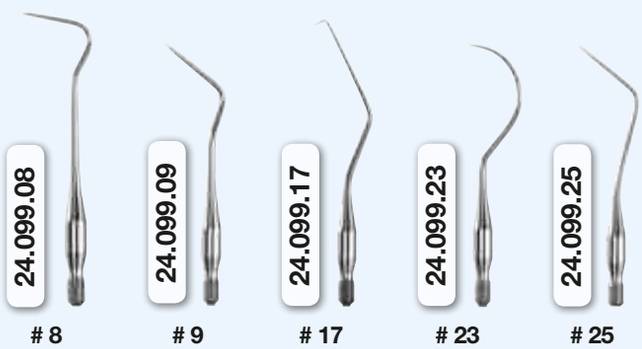
This retractor's ergonomically curved surface allows retracting cheeks and tongue under all kinds of working conditions and is also very comfortable for patients, thanks to its convex rear surface and rounded edges.

Interchangeable Probe Tips

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

The two **ZEPF** Safety Keys to exchange tool ends are illustrated on page **03-05**.

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



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

ZEPF Retractor and Mouth Mirror
acc. to Dentist Beck

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

It is universally applicable as:

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

37.448.10

37.448.20

24.062.30

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

24.062.31

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

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

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

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

37.457.00TI
1/1, Scale 1:1

37.457.00
1/1, scale 1:2

37.457.01TI

37.457.01
1/2 left, scale 1:2

37.457.02TI

37.457.02
1/2 right, scale 1:2

ZEPF Dental Tweezers

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

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

22.014.03 London College Tweezers, diamond-tipped, 15 cm

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

22.051.03 Meriam Tweezers, serrated tips, 16 cm

ZEPF Ergonomic Dental Tweezers

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

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

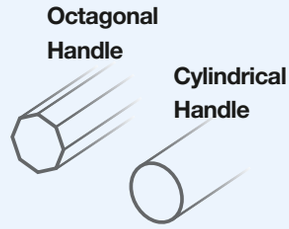
22.025.03 grooved tips, 15 cm

22.025.03D diamond-tipped, 15 cm

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

ZEPF Medical Probes

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



24.112.05 # 5, cylindrical handle

24.124.06 Probe, Cow Horn, cylindrical handle

reddot design award
winner 2010

bionik ZEPF

ZEPF Periodontal Probes

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

See page **03-08** for article numbers of the different **ZEPF** Contrast Probes.

bionik ZEPF

reddot design award
winner 2010

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

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

QUICKFIX

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

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

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

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

26.193.01	26.195.01
26.193.02	26.195.02
26.193.03	26.195.03
26.193.04	26.195.04
26.193.05	26.195.05
26.193.06	26.195.06
26.193.07	26.195.07
26.193.08	26.195.08
26.193.09	26.195.09
26.193.10	26.195.10

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

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

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

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

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

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

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

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

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

26.180.13 ZEPF-Line, stainless steel, 100 mm

26.181.03 ZEPF-Line, titanium, 100 mm

26.181.01 Capstan, titanium, 100 mm

26.193.10 ZEPF BIONIK Universal Handle, PEEK, 105 mm

26.010.10OX Z-SHAPE Relax handle, 105 mm (all colors on page **02-01**)

ZEPF Safety Keys with and without side wings

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

Safety Key with wings to exchange tool ends

24.755.02

Safety Key to exchange tool ends

24.755.03

Exchanging of Inserts

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

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

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

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 # 204 SD and
Sickle Curette (Molar Scaler) # M 23A

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

Sickle Curette (Molar-Scaler) # M 23A, 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

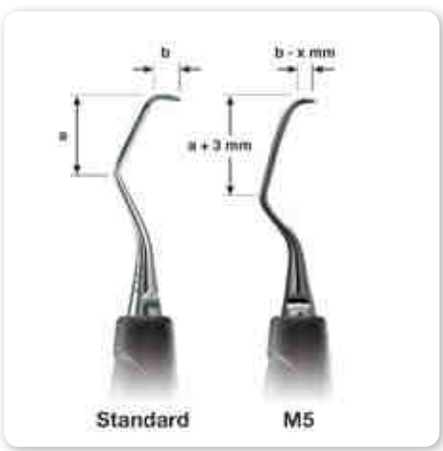
24.228.23AOX
24.208.23AOX
BIONIK version

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.

Contrast PA Probe Inserts

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

Assembly without a tool

Flexible working tip

Packing Example

24.451.02 **# CPNG 22**

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

26.193.15 BIONIK **Universal Handle single-ended**

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

24.455.06 **CNC North Carolina**

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

26.193.20 BIONIK **Universal Handle single-ended**

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

24.453.15 **Furcation Probe by Nabers**

with graduation, double-ended, rolled, 5.5 mm

Universal Handle Endo-Control

acc. to Dr. Carsten Franke

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

Application **ZEPF** Endo-Control

WHO

24.454.03 **CPG 11.5 (WHO)**

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

26.180.07 **Universal Handle**

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

Periodontal Probes

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

They are particularly ideal for:

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

WHO

24.453.03 **CP 11.5 (WHO)**

graduation 3.5 / 5.5 / 8.5 / 11.5 mm

24.453.12 **CPG 12**

graduation 3 / 6 / 9 / 12 mm

24.453.22 **CPN 22**

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

24.453.23 **University North Carolina, CNC**

graduation 1 - 15 mm, in mm steps

Periodontal Screening Index, PSI

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

24.454.01 **CPG 12**

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

24.454.02 **CPNG 22**

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

24.454.03 **CPG 11.5**

graduation 3.5/5.5/8.5/11.5 mm

24.454.05 **Williams**

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

24.454.06 **CNC**

graduation 1 - 15 in mm steps, North Carolina

24.454.06TI **CNC**

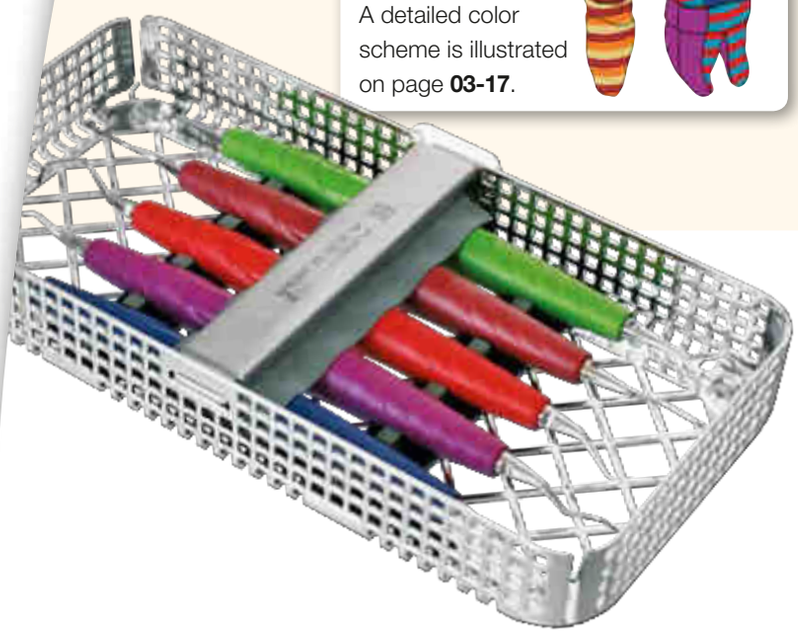
graduation 1 - 15 in mm steps, North Carolina, titanium

Color coding ZEPF BIONIK

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

ZEPF BIONIK Prophylaxis-Set 'Gracey'

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



24.990.50

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

The set 'Gracey'
consists of the following instruments:

24.751.105G

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

24.203.05G

24.751.106G

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

24.751.107G

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

24.205.07G

24.751.108G

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

24.751.111G

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

24.204.11G

24.751.112G

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

24.751.113G

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

24.207.13G

24.751.114G

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

24.751.204L

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

24.208.04S

24.751.204R

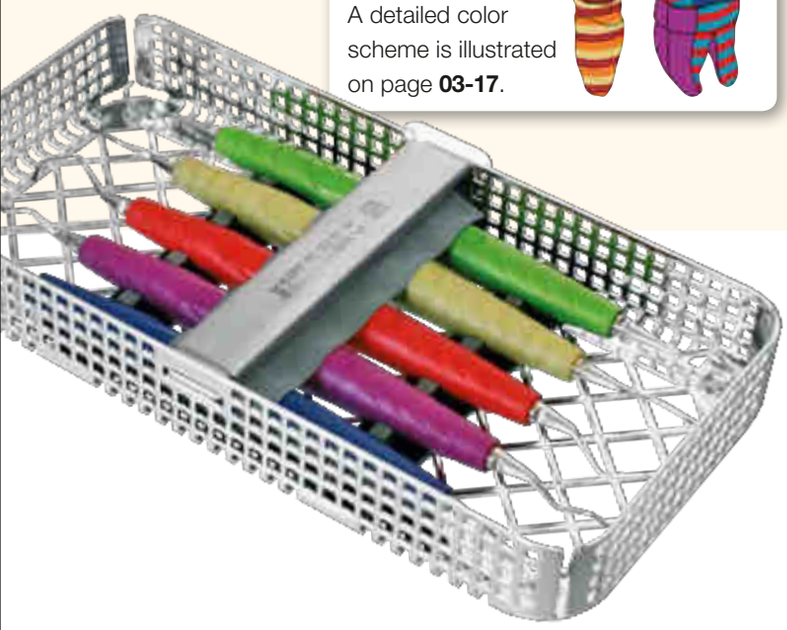
Sickle Scaler, # 204 S, for removing dental plaque from interdental spaces in the molar area, yellow-green

Color coding ZEPF BIONIK

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

ZEPF BIONIK Prophylaxis Set 'M5 Deep Scaling'

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



24.990.55

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

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

24.751.101GM5

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

24.201.01GM5

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

24.751.102GM5

24.751.107GM5

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

24.205.07GM5

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

24.751.108GM5

24.751.111GM5

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

24.204.11GM5

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

24.751.112GM5

24.751.113GM5

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

24.207.13GM5

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

24.751.114GM5

24.751.204L

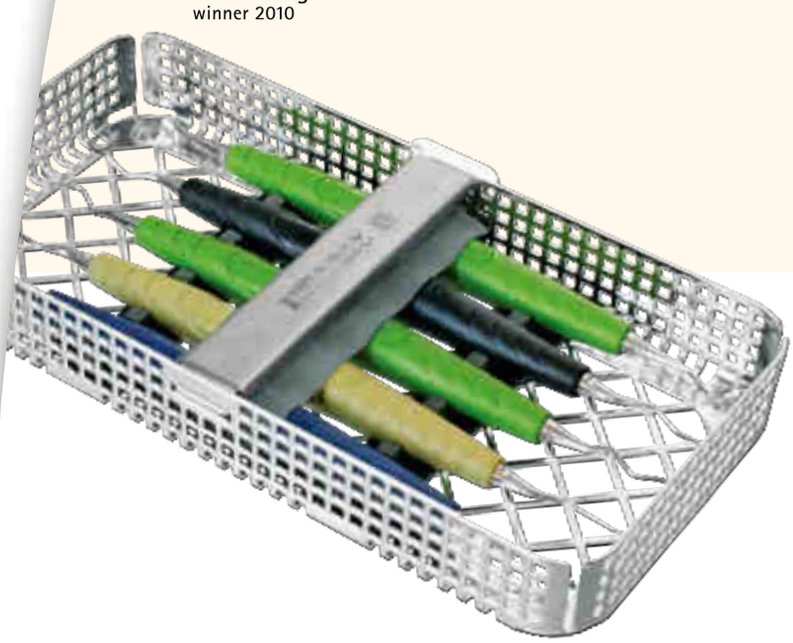
8-6 | 6-8
8-6 | 6-8

24.208.04S

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

24.751.204R

reddot design award
winner 2010



ZEPF BIONIK Prophylaxis Set 'Universal'

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

24.990.60

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

The 'Universal' Set
consists of the following instruments:

24.751.101L

- | -
8-4 | 4-8

24.210.01L

24.751.102L

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

24.751.103L

8-4 | 4-8
- | -

24.208.03L

24.751.104L

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

24.751.105L

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

24.201.05L

24.751.106L

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

24.751.123L

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

24.207.23

24.751.123R

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

24.751.204L

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

24.208.04S

24.751.204R

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

24.990.35

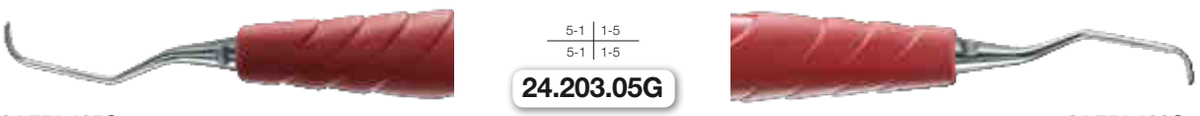
ZEPF BIONIK Prophylaxis Set 'Bionik'

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

The 'Bionik' Set consists of the following instruments:

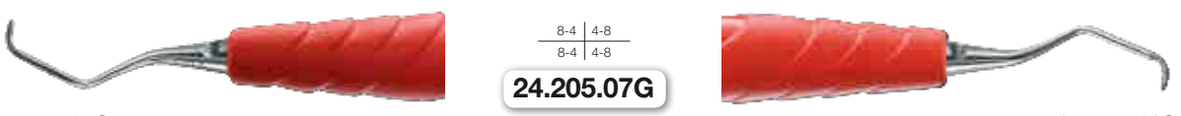
24.454.01 **CPG 12**
graduation 3/6/9/12 mm

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



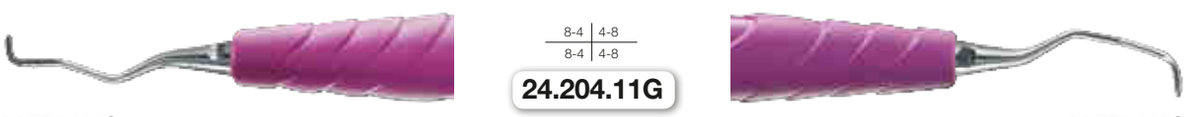
24.751.105G | 5-1 | 1-5 / 5-1 | 1-5 **24.203.05G** | **24.751.106G**

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



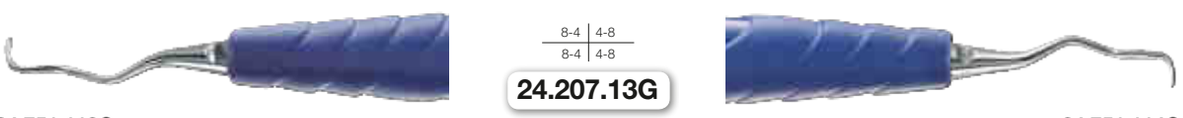
24.751.107G | 8-4 | 4-8 / 8-4 | 4-8 **24.205.07G** | **24.751.108G**

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



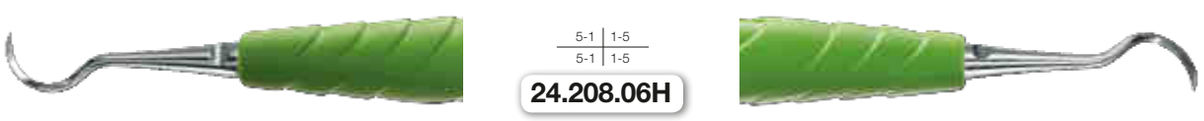
24.751.111G | 8-4 | 4-8 / 8-4 | 4-8 **24.204.11G** | **24.751.112G**

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



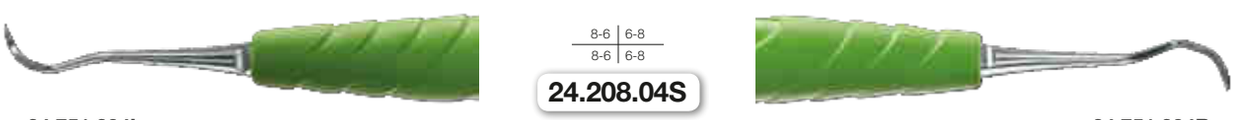
24.751.113G | 8-4 | 4-8 / 8-4 | 4-8 **24.207.13G** | **24.751.114G**

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



24.751.107H | 5-1 | 1-5 / 5-1 | 1-5 **24.208.06H** | **24.751.106H**

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



24.751.204L | 8-6 | 6-8 / 8-6 | 6-8 **24.208.04S** | **24.751.204R**

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

reddot design award
winner 2010

ZEPF BIONIK Gracey Special Curettes

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

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

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

QUICKFIX

Color Coding ZEPF BIONIK Gracey Special Curettes

Incisors / Canines

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

Premolars / Molars

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

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

24.751.111G

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

24.751.112G

24.204.11G

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

24.751.113G

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

24.751.114G

24.207.13G

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

24.751.115G

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

24.751.116G

24.204.15G

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

24.751.117G

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

24.751.118G

24.207.17G

reddot design award
winner 2010

ZEPF BIONIK Universal Curettes

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

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

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

24.207.02C

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

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

24.207.13C

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

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

24.207.04C

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

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

24.207.13MC

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

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

24.207.17MC

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

24.751.123L **24.751.123R**

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

- | -
8-4 | 4-8

24.751.101L

24.751.102L

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

24.210.01L

8-4 | 4-8
- | -

24.751.103L

24.751.104L

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

24.208.03L

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

24.751.105L

24.751.106L

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

24.201.05L

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

24.751.117L

24.751.118L

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

24.207.17L

reddot design award
winner 2010

ZEPF BIONIK Universal Titanium Curettes

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

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

24.210.01L-TI

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

24.208.03L-TI

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

24.201.05L-TI

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

24.207.04C-TI

ZEPF BIONIK M5 Titanium Curettes

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

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

24.751.101GM5-TI

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

24.751.102GM5-TI

24.201.01GM5-TI

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

24.751.107GM5-TI

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

24.751.108GM5-TI

24.205.07GM5-TI

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

24.751.111GM5-TI

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

24.751.112GM5-TI

24.204.11GM5-TI

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

24.751.113GM5-TI

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

24.751.114GM5-TI

24.207.13GM5-TI

reddot design award
winner 2010

ZEPF BIONIK Scaler

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

Scaler for use on front teeth, yellow-green

24.208.30S

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

24.208.06H

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

24.208.06HF

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

24.208.02CI

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

24.208.35U

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

24.751.104XL **24.751.104XR**

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

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

24.751.102TA

24.751.103TA

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

24.208.02T

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

24.751.204L

24.751.204R

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

24.208.04S

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

24.751.204LD

24.751.204RD

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

24.208.04SD

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

24.751.123AL

24.751.123AR

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

24.208.23A

Special Curettes

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

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

24.551.01

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

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

24.551.03

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

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

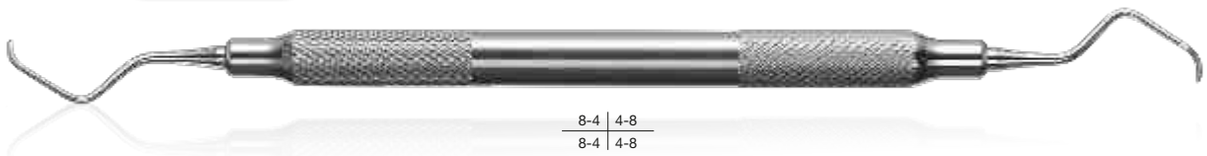
24.551.05

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

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

24.551.07

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



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

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

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

24.551.11

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

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

24.551.13

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

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

24.551.15

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

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

24.551.17

Universal Curettes

-	-
8-4	4-8

L 1/2

Langer Curette, for use on lower molars and premolars

24.553.01

8-4	4-8
-	-

L 3/4

Langer Curette, for use on upper molars and premolars

24.553.03

3-1	1-3
3-1	1-3

L 5/6

Langer Curette, for use on upper and lower front teeth

24.553.05

Scaler

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

24.551.24S

204S

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

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

24.561.67

H 6/7

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

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

24.565.33

H 5/33

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

Hirschfeld Periodontic Files

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

3/7, buccal and lingual

24.488.01

5/11, mesial and distal

24.488.02

Gingivectomy Knives

Gingivectomy Knife, # K 15/16

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

24.437.01

Gingivectomy Knife, # GF7

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

24.437.02

Gingivectomy Knife, # GF3

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

24.437.03

Gingivectomy Knife, # GF11

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

24.437.04

Gingivectomy Knife, # 3/4

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

24.437.07

Periodontal Chisels

Ch Fedi 1, working tips 1.5 mm

24.493.01

Ch Fedi 2, working tips 2.5 mm

24.493.02

Ch Fedi 3, working tips 3.5 mm

24.493.03

Ochsenbein, Chisels, # 1, 4 mm

24.490.01

Ochsenbein, Chisels, # 2, 4 mm

24.490.02

Back Action Chisels, working tips 3 / 4 mm

24.495.01

Back Action Chisels, working tips 4 / 5 mm

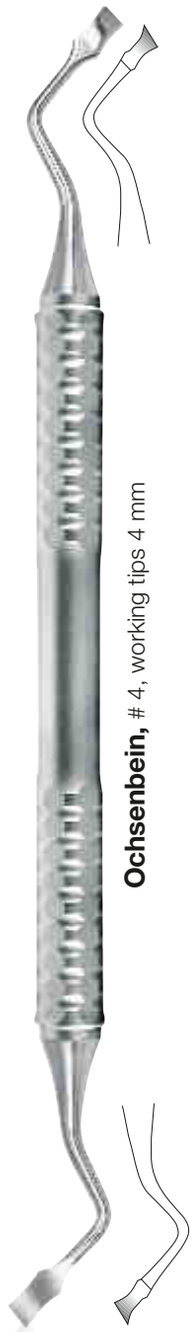
24.495.02

Back Action Chisels, working tips 3 / 5 mm

24.495.03

Ochsenbein, # 3, working tips 1.5 mm

24.491.01



Ochsenbein, # 4, working tips 4 mm

24.491.02

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

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

24.494.00

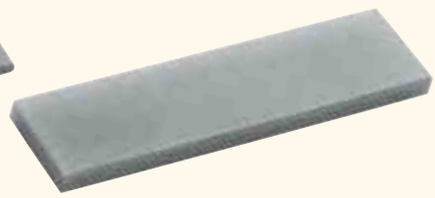
Original Arkansas Sharpening Stones

24.914.10

100 x 10/1 mm, conical

24.914.25

115 x 45 x 10/3 mm, wedge shape



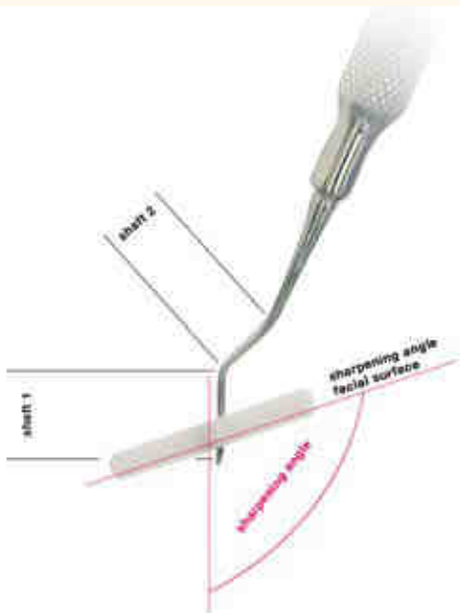
24.916.10

100 x 25 x 6 mm, flat

24.926.10

Magnetic Sticks

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



24.926.75

Test Probe, Acryl Glass

76 x 6 mm,
PU = 6 pieces

24.950.00

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

24.951.01

Vise

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

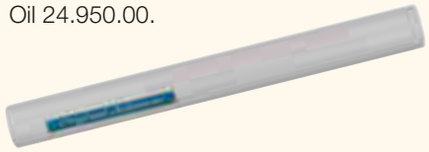
24.918.15

115 x 40 x 10-2 mm, conical

Original Arkansas Stone

The diameter of the Original Arkansas Stone is designed to fit the contour of the working ends of our luxation elevator 17.006.01 to 04 and those of our **ZEPF** Xtool-Elevator 17.007.01 to 07.

So do sharpen your luxation elevators regularly! The best results can be obtained in combination with our Sharpening Oil 24.950.00.



24.923.10

110 x 10 mm, round

ZEPF Sharpening Stones

Just sharp instruments! Oxide ceramic sharpening stone with extraordinary hardness. Highest resistance to wear and tear and to deformation, to achieve an excellent surface quality when grinding. The low wear properties provide attractive economic advantages in comparison to customary Arkansas sharpening stones.

24.914.30

100 x 30 x 7/2 mm, wedge shape, medium

24.914.35

125 x 25 x 10 mm, flat, medium

24.914.40

100 x 10 mm, round, medium

24.914.45

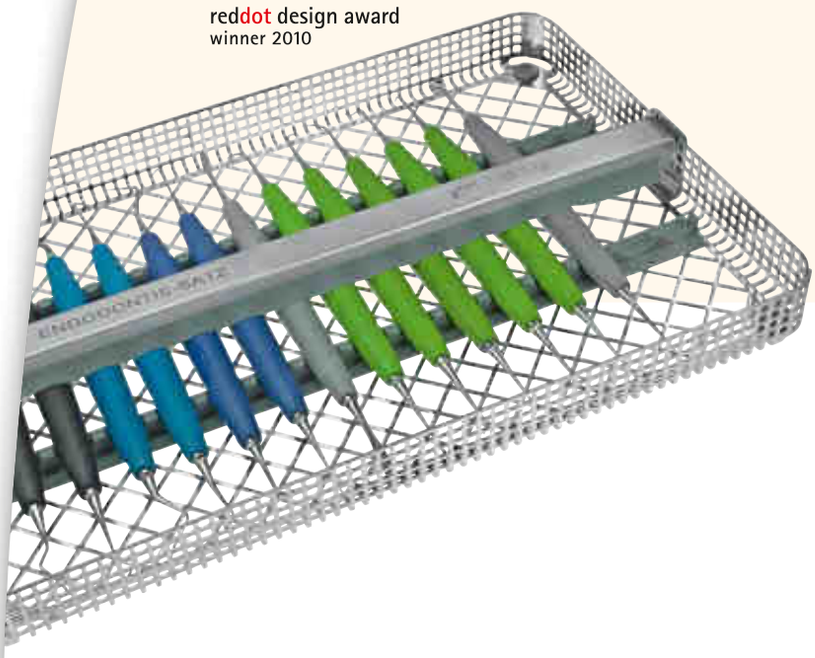
100 x 5 x 2 mm, conical, fine

'India' Sharpening Stone

24.919.15 'India' multiform

125 x 40 x 10-2 mm, conical, fine

reddot design award
winner 2010



ZEPF BIONIK Endo Set

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

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

24.725.00

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

The'Endo' Set
consists of the following instruments:

24.751.113C

24.725.05

Columbia, Universal Curette 13/14

24.751.114C

24.751.110

24.725.07

Scaler, double-ended, tip 45 ° / 90 °

24.751.111

24.751.112L

24.725.08

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

24.751.112R

24.751.113L

24.725.09

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

24.751.113R

24.751.105

24.725.20

Explorer, double-ended, # 16 and # 9

24.751.104

24.751.109

24.725.21

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

24.751.108

24.751.148

24.725.58

Raspatory, double-ended

24.751.149

24.751.169

24.725.70

Retro-Instrument, plugger Ø 1.5 mm, spatula

24.751.168

24.751.167

24.725.71

Retro-Instrument, plugger Ø 1.5 mm, spatula

24.751.169

24.751.170

24.725.72

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

24.751.172

24.751.171

24.725.73

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

24.751.172

24.751.172

24.725.74

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

24.751.173

24.751.153

24.725.86

Combined Instrument, Raspatory-Scalpel-Dissection Tip

24.751.179

Anatomical Plate Forceps

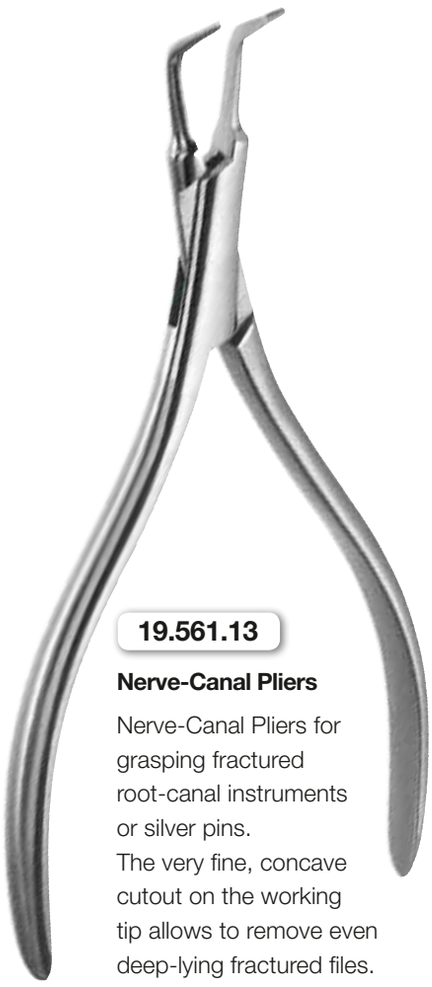
for all Endo purposes

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

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

22.107.21 **Anatomic Plate Forceps** 180 mm

22.031.08 **London-College** 150 mm



19.561.13

Nerve-Canal Pliers

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

19.649.60

Surgical Aspirator

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

Micro Mirrors

24.074.13 Ø 3.0 mm

24.074.15 Ø 5.0 mm

24.074.16 7.0 x 2.0 mm

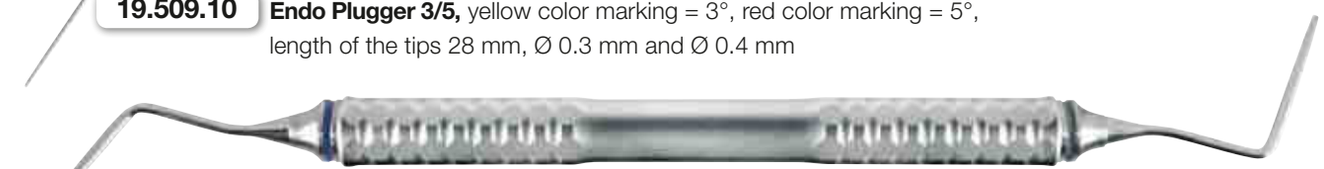
24.074.17 9.0 x 3.0 mm

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

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

Plugger for the vertical condensation technique in endodontics

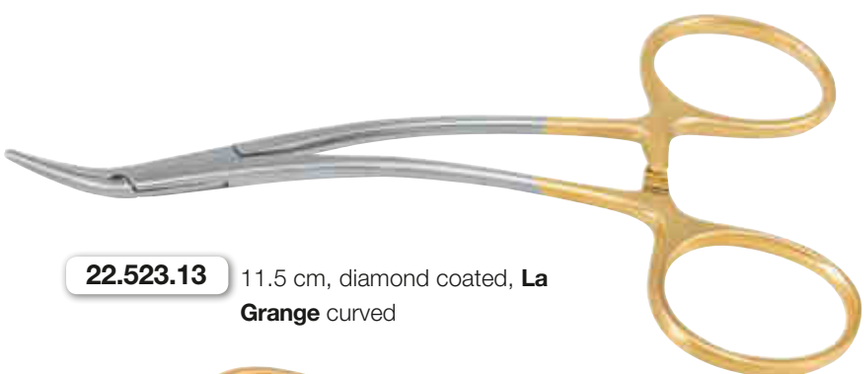
19.509.10 **Endo Plugger 3/5,** yellow color marking = 3°, red color marking = 5°, length of the tips 28 mm, Ø 0.3 mm and Ø 0.4 mm



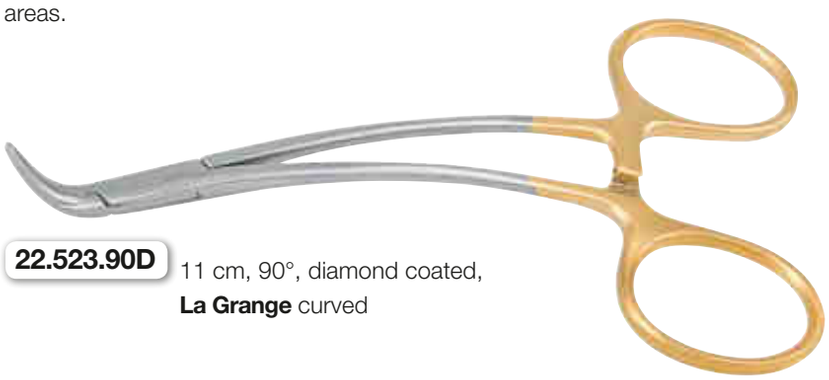
19.509.20 **Endo Plugger 7/10,** blue color marking = 7°, grey color marking = 10°, length of the tips 28 mm, Ø 0.5 mm and Ø 0.9 mm

Peet Splinter Forceps

The Peet Splinter Forceps is a clamp with perfect grip due to diamond coating. The universal S-curve, as known from La Grange Scissors, makes it particularly flexible in usage. The Peet Splinter Forceps 22.523.90D has a stronger curve (90 °), which increases accessibility into the molar areas.



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



22.523.90D 11 cm, 90°, diamond coated, **La Grange** curved

Root Canal Instruments

All figures are very flexible.

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

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

Root Canal Spreader

tip 23 mm

19.513.03 **Root Canal Spreader** Ø 0.3 mm

19.513.04 **Root Canal Spreader** Ø 0.4 mm

19.513.05 **Root Canal Spreader** Ø 0.5 mm

Root Canal Plugger

40°

19.512.13 **Luks Root Canal Plugger** Ø 0.3 mm

19.512.14 **Luks Root Canal Plugger** Ø 0.4 mm

19.512.16 **Luks Root Canal Plugger** Ø 0.6 mm

19.512.19 **Luks Root Canal Plugger** Ø 0.9 mm

Root Canal Plugger

65°, graduation 5 / 10 / 15 / 20 mm

19.512.03 **Root Canal Plugger** Ø 0.3 mm

19.512.04 **Root Canal Plugger** Ø 0.45 mm

19.512.06 **Root Canal Plugger** Ø 0.6 mm

19.512.09 **Root Canal Plugger** Ø 0.9 mm

zepf-dental.com

VDDI Dental Solutions. German Manufacturers

MADE IN GERMANY

ZEPF BIONIK Composite Sets

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

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

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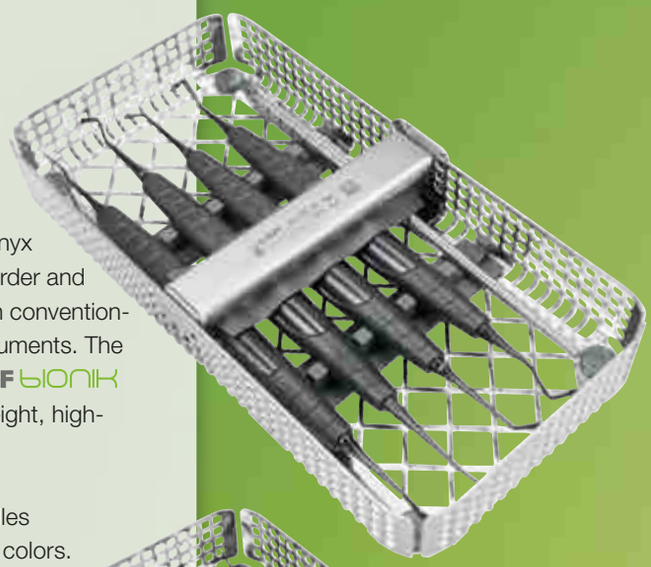
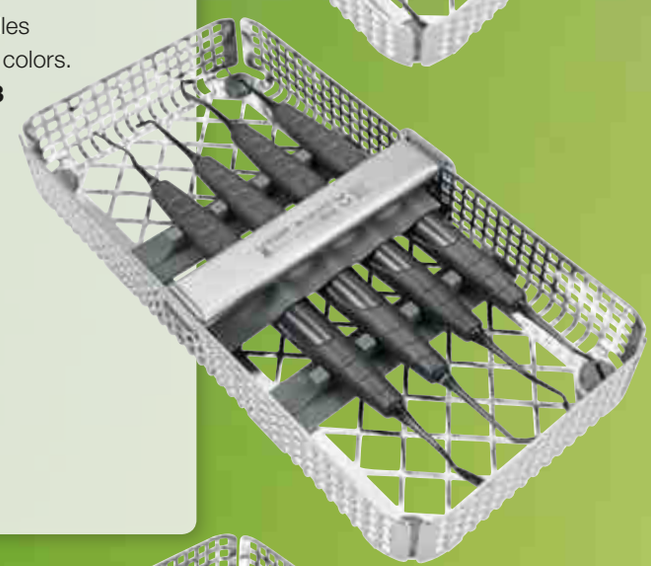


19.202.00

CompoSMOOTH Complete Set
by Prof. Dr. Gabriel Krastl
incl. Washtray 1/3
and Soft Application Inserts in a box,
as described on pages **04-02** to **04-05**



26.120.01Ti

Small Composite Set
incl. Washtray 1/3
as described on pages **04-02** to **04-05**

26.120.00Ti

Big Composite Set
incl. Washtray 1/2
as described on pages **04-02** to **04-05**

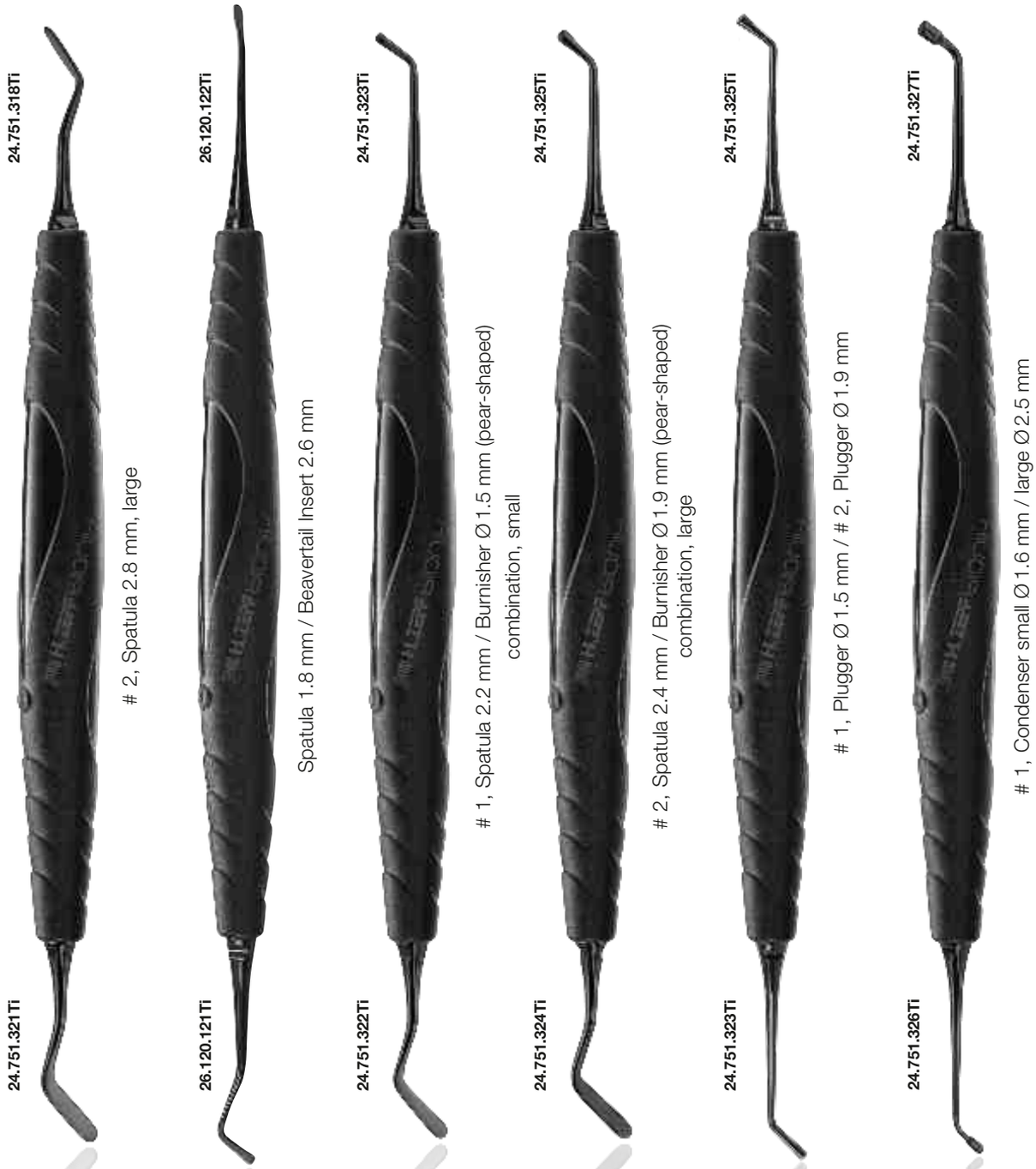
The ZEPF BIONIK Composite Sets

26.120.01Ti **Small Composite Set**

26.120.00Ti **Big Composite Set**

19.202.00 **CompoSMOOTH Set**

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



26.120.11Ti X X

26.120.12Ti X

26.120.20Ti X

26.120.21Ti X

26.120.25Ti X X

26.120.30Ti X

1, Spatula 1.5 mm, small

24.751.320Ti

24.751.319Ti

26.120.10Ti

X X X

24.751.329Ti

24.751.328Ti

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

26.120.31Ti

X

26.120.322Ti

26.120.321Ti

Fissure Former Ø 1.9 mm / Ø 2.3 mm

26.120.32Ti

X

24.751.331Ti

24.751.330Ti

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

26.120.40Ti

X X

24.751.333Ti

24.751.332Ti

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

26.120.50Ti

X

24.751.402Ti

24.751.401Ti

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

26.120.60Ti

24.751.404Ti

24.751.403Ti

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

26.120.70Ti

CompoSMOOTH

THE SURFACE IS THE KEY...

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

19.201.11

19.201.21

19.201.31

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

19.202.00

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

19.200.00

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

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

VIDEO APPLICATION

26.120.10Ti **26.120.12Ti** **26.120.25Ti** **26.120.32Ti**

Brush Holder 30°

Optionally available

HELMUT ZEPF developed this brush holder which is bent by 30° to get an optimal result in difficult-to-reach places.
This instrument is not included in the set, but it can optionally complete the set in a profitable way.

19.200.30

Brush Holder curved 30° **ZEPF**-Line with push-out function

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

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

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

bionik ZEPF

reddot design award
winner 2010

Micro-composite Spatulas –
superfine spatulas with ZEPF nanopal® coating

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

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

bionik ZEPF

reddot design award
winner 2010

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

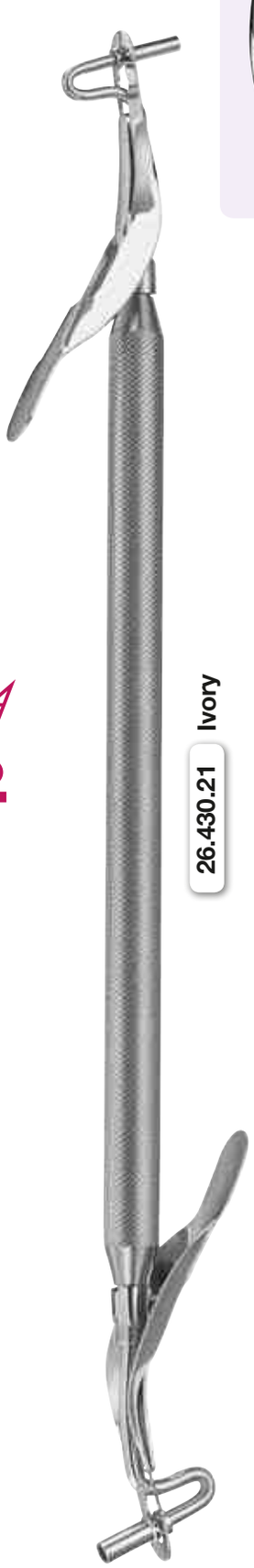
The exchangeable working tips inserted in the ergonomic bionik handle offer highest economy and best tactile handling.

26.120.13Ti Micro-composite Spatula, width 1.1 mm

26.120.14Ti Micro-composite Spatula, width 1.6 mm

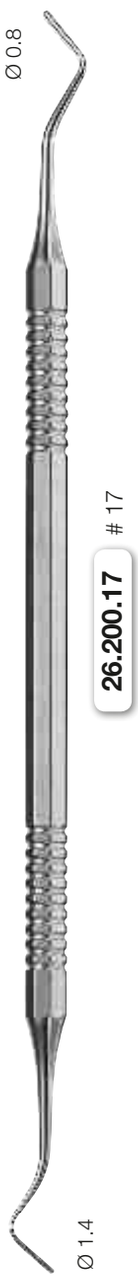
Amalgam Gun

26.426.45 with screw off plastic point, 45°

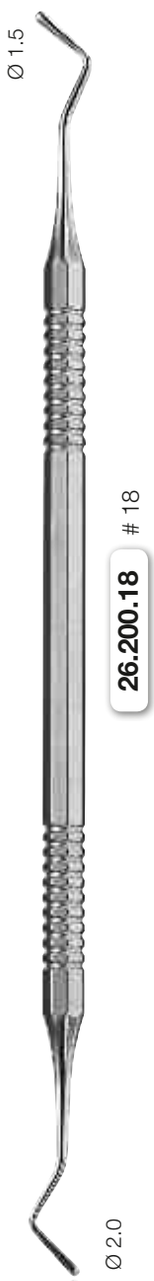


26.430.21 Ivory

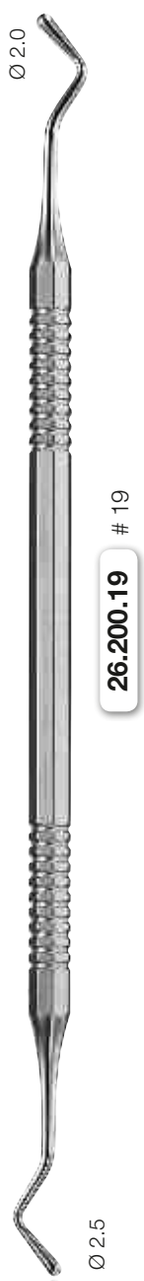
Pear-shaped Plugger



26.200.17



26.200.18



26.200.19

26.428.01

plastic

26.428.02

plastic

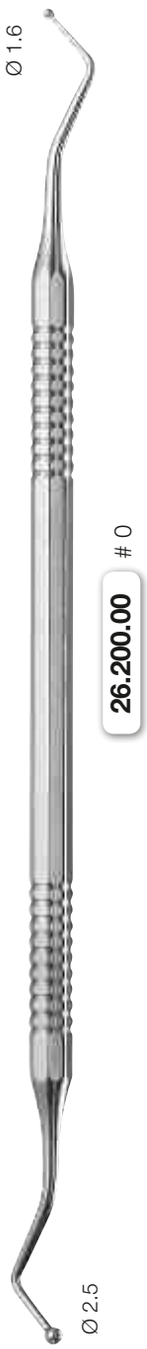
26.428.03

metal

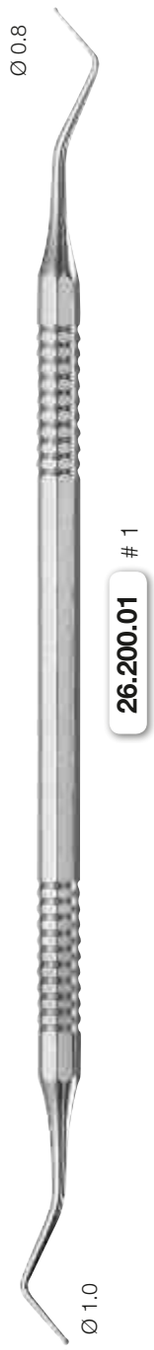
26.428.04

metal

Ball-shaped Plugger

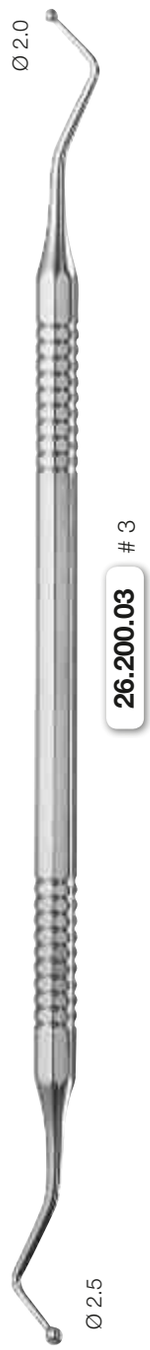


26.200.00 # 0



26.200.01 # 1

26.200.02 # 2



26.200.03 # 3

26.200.04 # 4

Spatula

13

26.200.13

fine version, 1.6 mm

Condenser

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

35

26.200.35

36

26.200.36

37

26.200.37

Heidemann Spatula

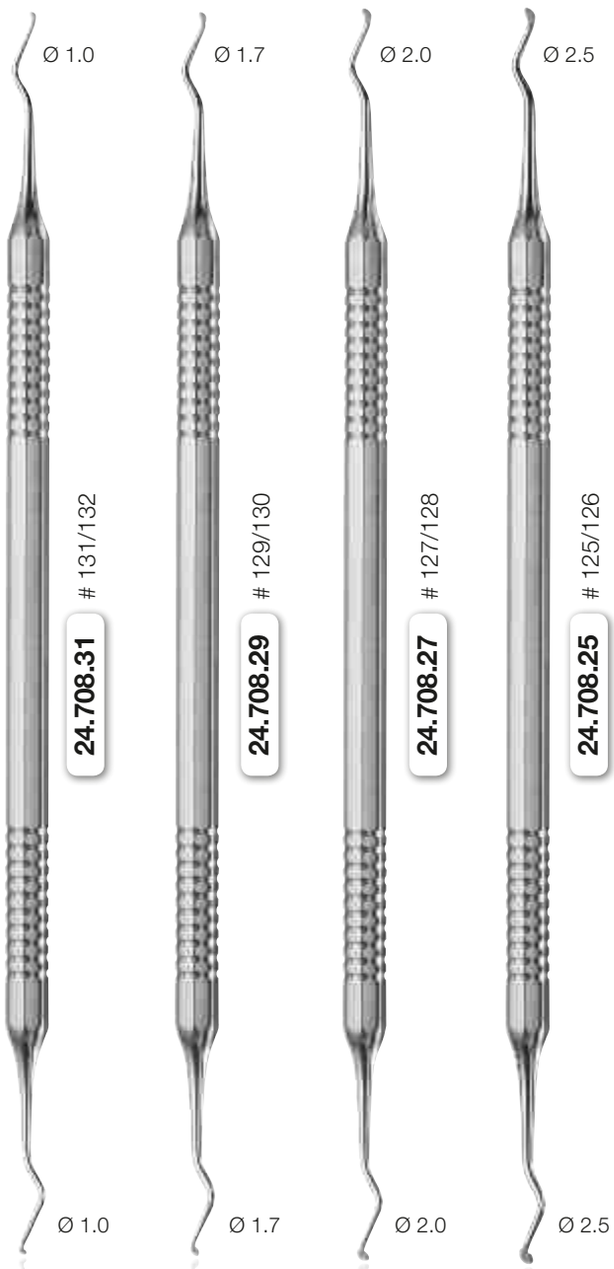
# 0	# 1	# 2
26.260.00	**26.260.01**	**26.260.02**
flexible, 2.0 mm	flexible, 2.5 mm	flexible, 3.0 mm

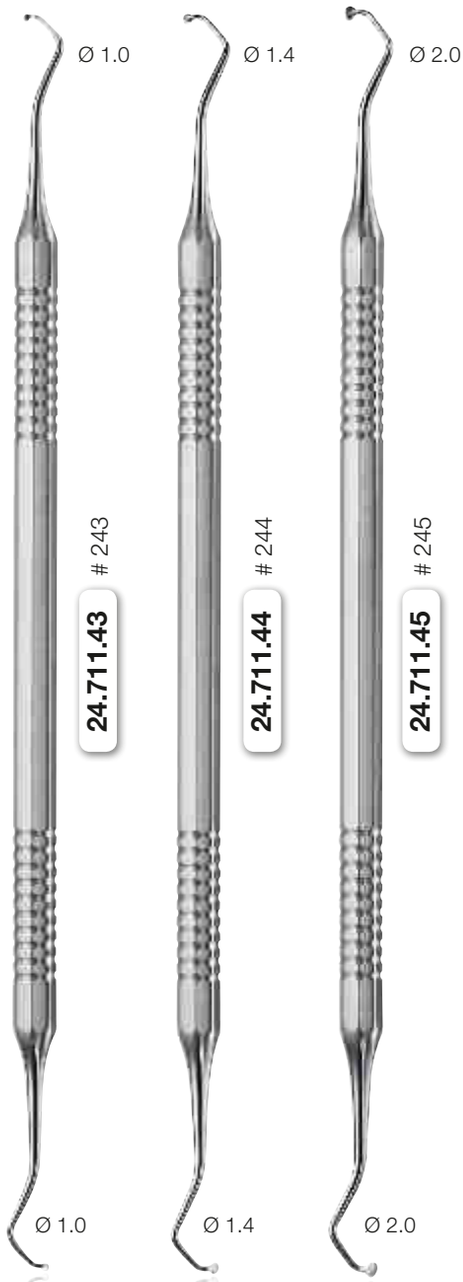
Cement Spatula

26.130.01	4.5 mm
26.130.02	6.0 mm
26.130.03	8.0 mm

Excavators

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





24.733.18 # 18

24.733.19 # 19

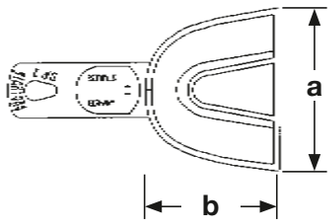
24.733.20 # 20

24.709.45 # 145/146

24.709.41 # 141/142

24.709.39 # 139/140

24.709.35 # 135/136



Anatomic Ehricke for Upper Jaw

The choice of the impression tray and the impression technique will influence the final result significantly.
If polyethers are used, we are recommending non-perforated impression trays.

Regulars (BO)

28.631.00
a = 55 mm,
b = 39 mm,
SUP B0

28.631.01
a = 65 mm,
b = 52 mm,
SUP B1

28.631.02
a = 71 mm,
b = 60 mm,
SUP B2

28.631.03
a = 73 mm,
b = 63 mm,
SUP B3

28.631.04
a = 80 mm,
b = 73 mm,
SUP B4

Edentulous (UO)

28.634.01
a = 65 mm,
b = 56 mm,
SUP U1

28.634.02
a = 68 mm,
b = 61 mm,
SUP U2

28.634.03
a = 72 mm,
b = 65 mm,
SUP U3

Partials, depressed centers (PO)

28.632.01
a = 62 mm,
b = 51 mm,
SUP P1

28.632.02
a = 72 mm,
b = 54 mm,
SUP P2

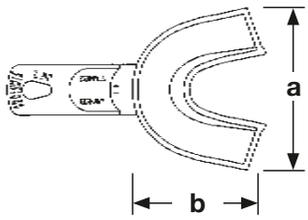
28.632.03
a = 73 mm,
b = 60 mm,
SUP P3

Functional impressions (FO)

28.633.01
a = 61 mm,
b = 50 mm,
SUP F1

28.633.02
a = 67 mm,
b = 55 mm,
SUP F2

28.633.03
a = 77 mm,
b = 63 mm,
SUP F3



Anatomic Ehricke for Lower Jaw

The choice of the impression tray and the impression technique will influence the final result significantly.
If polyethers are used, we are recommending non-perforated impression trays.

Regulars (BU)

28.636.00
a = 61 mm,
b = 44 mm,
INF B0

28.636.01
a = 72 mm,
b = 51 mm,
INF B1

28.636.02
a = 78 mm,
b = 54 mm,
INF B2

28.636.03
a = 82 mm,
b = 58 mm,
INF B3

28.636.04
a = 83 mm,
b = 65 mm,
INF B4

Edentulous (UU)

28.638.01
a = 71 mm,
b = 58 mm,
INF U1

28.638.02
a = 70 mm,
b = 58 mm,
INF U2

28.638.03
a = 74 mm,
b = 59 mm,
INF U3

Partials, depressed centers (PU)

28.637.01
a = 64 mm,
b = 53 mm,
INF P1

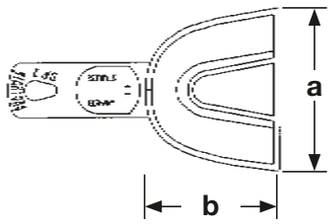
28.637.02
a = 71 mm,
b = 59 mm,
INF P2

28.637.03
a = 80 mm,
b = 59 mm,
INF P3

Modeling Knife for Impressions

Silicone Knife with cutting loop.

28.121.00



Perforated Anatomic Ehricke for Upper Jaw

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

Regulars (BO)

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

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

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

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

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

Edentulous (UO)

28.604.01
a = 65 mm,
b = 56 mm,
SUP U1

28.604.02
a = 68 mm,
b = 61 mm,
SUP U2

28.604.03
a = 72 mm,
b = 65 mm,
SUP U3

Partials, depressed centers (PO)

28.602.01
a = 62 mm,
b = 51 mm,
SUP P1

28.602.02
a = 72 mm,
b = 54 mm,
SUP P2

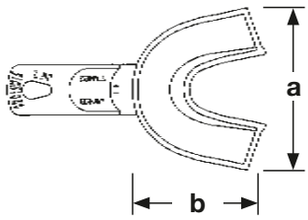
28.602.03
a = 73 mm,
b = 60 mm,
SUP P3

Functional impressions (FO)

28.603.01
a = 61 mm,
b = 50 mm,
SUP F1

28.603.02
a = 67 mm,
b = 55 mm,
SUP F2

28.603.03
a = 77 mm,
b = 63 mm,
SUP F3



Perforated Anatomic Ehricke for Lower Jaw

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

Regulars (BU)

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

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

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

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

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

Edentulous (UU)

28.608.01
a = 71 mm,
b = 58 mm,
INF U1

28.608.02
a = 70 mm,
b = 58 mm,
INF U2

28.608.03
a = 74 mm,
b = 59 mm,
INF U3

Partials, depressed centers (PU)

28.607.01
a = 64 mm,
b = 53 mm,
INF P1

28.607.02
a = 71 mm,
b = 59 mm,
INF P2

28.607.03
a = 80 mm,
b = 59 mm,
INF P3

Impression Trays for Implantology acc. to Helfgen

- simple handling
- open and closed implant impression
- putty-wash impression possible
- precision enhancement
- also universally usable in case of special indications
- only one impression session required
- sterilizable
- different sizes
- time and cost efficient

Upper Jaw

28.640.01
SUP 1

28.640.02
SUP 2

28.640.03
SUP 3

28.640.04
SUP 4

Functionality of the Impression Trays for Implantology acc. to Helfgen

1. In the area of the prepared teeth, retraction cords are placed. Smooth, retention free screws are twisted into the implants.

2. On its lateral sides the covered tray is coated with adhesive. Then the tray is charged with putty material.

3. For the primary impression, the charged tray will be pressed until the cover rests on the smooth implant screws.

4. After the removal of the primary impression, the smooth screws will be exchanged for the complete impression posts.

Lower Jaw

28.645.01
INF 1

28.645.02
INF 2

28.645.03
INF 3

28.645.04
INF 4

28.640.10
Perforator

5. The tray cover is removed and the impressed screw channel is extended with the perforator.

6. For undisturbed repositioning, the perforated channel may be extended further using a super-coarse mill.

7. After the impression areas have been surrounded by ligth-body material, the repositioned impression may be filled additionally via the perforations of the cap channels, if required.

8. Once the material has cured, the positioning screws are loosened, and the finished impression can be removed.

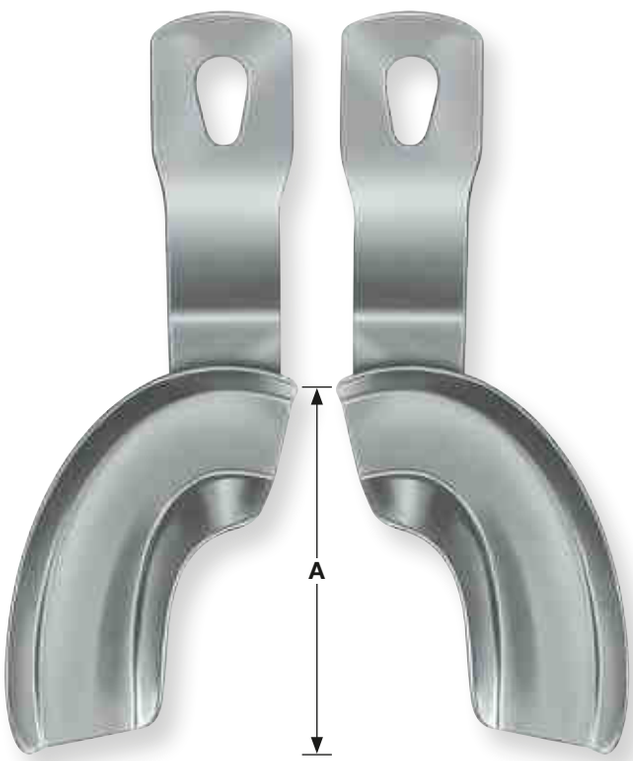
Impression Tray for Partial Impressions

28.663.02
L2, A = 50 mm

28.664.02
R2, A = 50 mm

28.663.03
L3, A = 55 mm

28.664.03
R3, A = 55 mm



28.661.01
L1, A = 46 mm

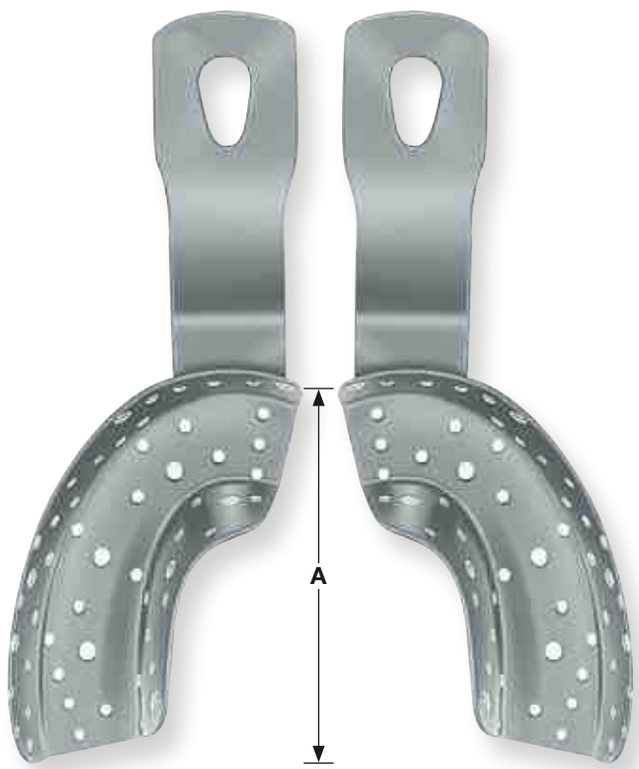
28.662.01
R1, A = 46 mm

28.661.02
L2, A = 50 mm

28.662.02
R2, A = 50 mm

28.661.03
L3, A = 55 mm

28.662.03
R3, A = 55 mm



Stolley with screw

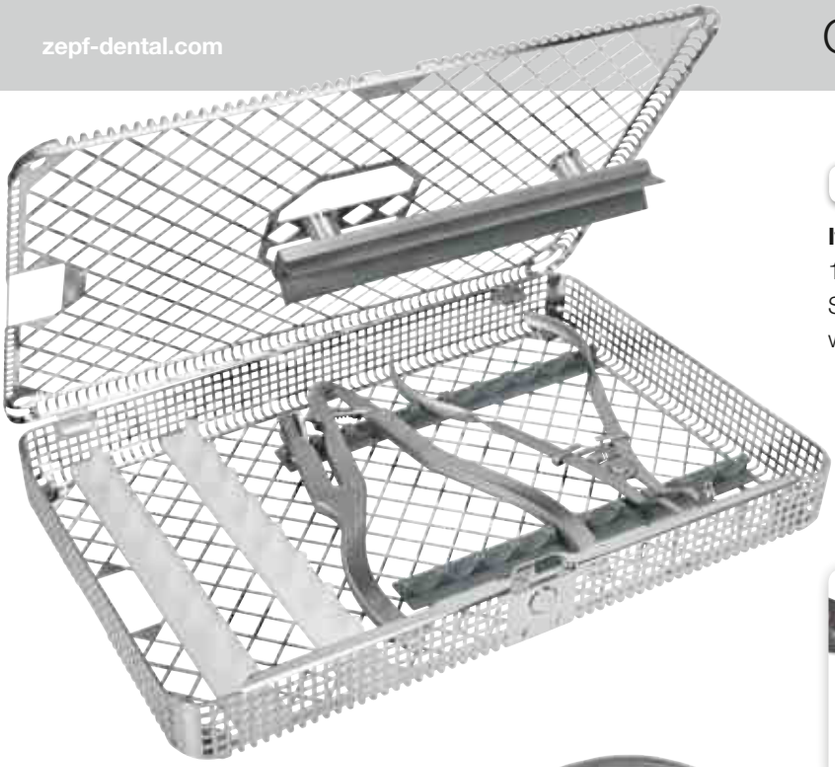
28.671.00
perforated

28.672.00
non-perforated

Stolley with bolt

28.681.00
perforated

28.682.00
non-perforated



19.015.50

Ivory Rubber Dam Set consisting of: 19.015.00, 19.037.01, Teflon Instrument Support for 16 Rubber Dam Clamps, washtray 1/1

19.125.00

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

19.037.01

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

19.010.00

Ainsworth, Rubber Dam Punch Forceps, stainless steel

19.015.00

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

Brush Holder DBGM

Its most important features…

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

1 Reverse-angle instrument

2 Back-action-instrument

3 Straight instrument

19.199.00
Brush Holder

Its features at a glance

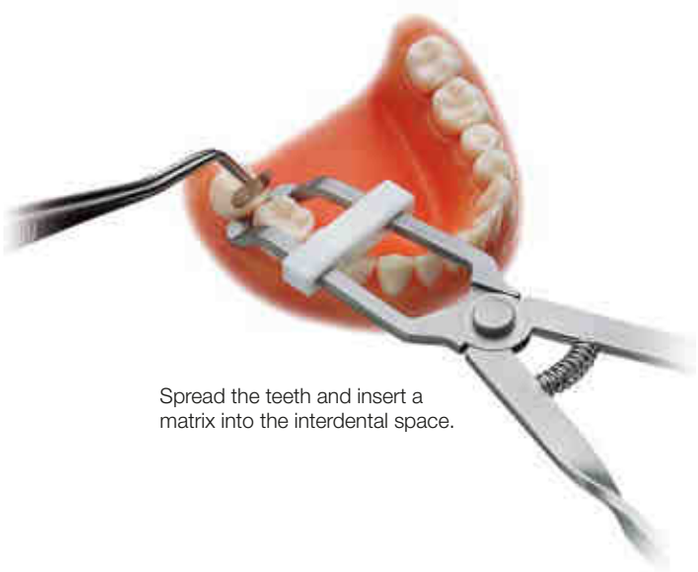
- Includes a dual brush receptacle and an original **ZEPF** scaled handle.
- Universal use on both upper and lower jaws and on all dental surfaces and cavities.
- No need for plastic applicators (reduces waste).
- May be desinfected and sterilized by using any standard procedure.
- Virtually unlimited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

Separation Forceps pat. pend. by Dr. Peter Müller, Ebersbach

Their benefits…

- Innovative, functional design.
- Rapid, safe, efficient spreading.
- Adjustable rest allows supporting them on teeth.
- Good access to interdental spaces during spreading.
- For general-purpose use on upper or lower jaws.
- Substantial time savings.
- Secure, one-handed control.
- For right-handed and left-handed persons.
- Desinfectable and sterilizable by using any standard procedure.

The adjustable rest may also be used to support the teeth at locations remote from the intervention point.



Spread the teeth and insert a matrix into the interdental space.

19.099.00
Separation Forceps

Tofflemire Matrix Retainer

Manufactured from stainless steel.

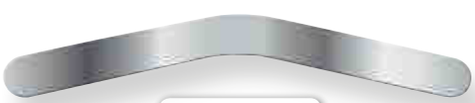
19.060.00 Universal

19.063.01 Junior 1, straight

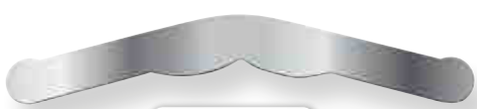
19.062.00 Senior

Tofflemire Matrix Bands for 19.060.00

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



19.061.01
1



19.061.03
3

19.061.02
2

19.061.13
13

Articulating Paper Forceps

22.101.15

22.100.15 **Miller**, straight

22.101.15 **Miller**, curved

EASY CONTACT POINT Instruments by HELMUT ZEPF

3.1 mm wide, in BLACK Handle, black

26.123.01

3.8 mm wide, in BLACK 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.

Universal Finishing Clamp "Work smart not hard"

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

23.120.12

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

Fields of Application:

1) Completion of approximal composite fillings.

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

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

4) Removal of matrix strips after laying fillings.

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

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

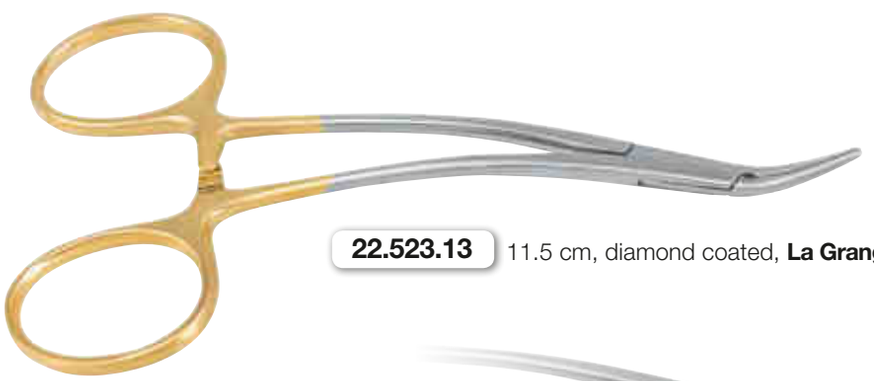
Universal Forceps & Universal Tweezers

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

22.281.15TC Universal Tweezers, with TC insert, 14 cm

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

Peet Splinter Forceps



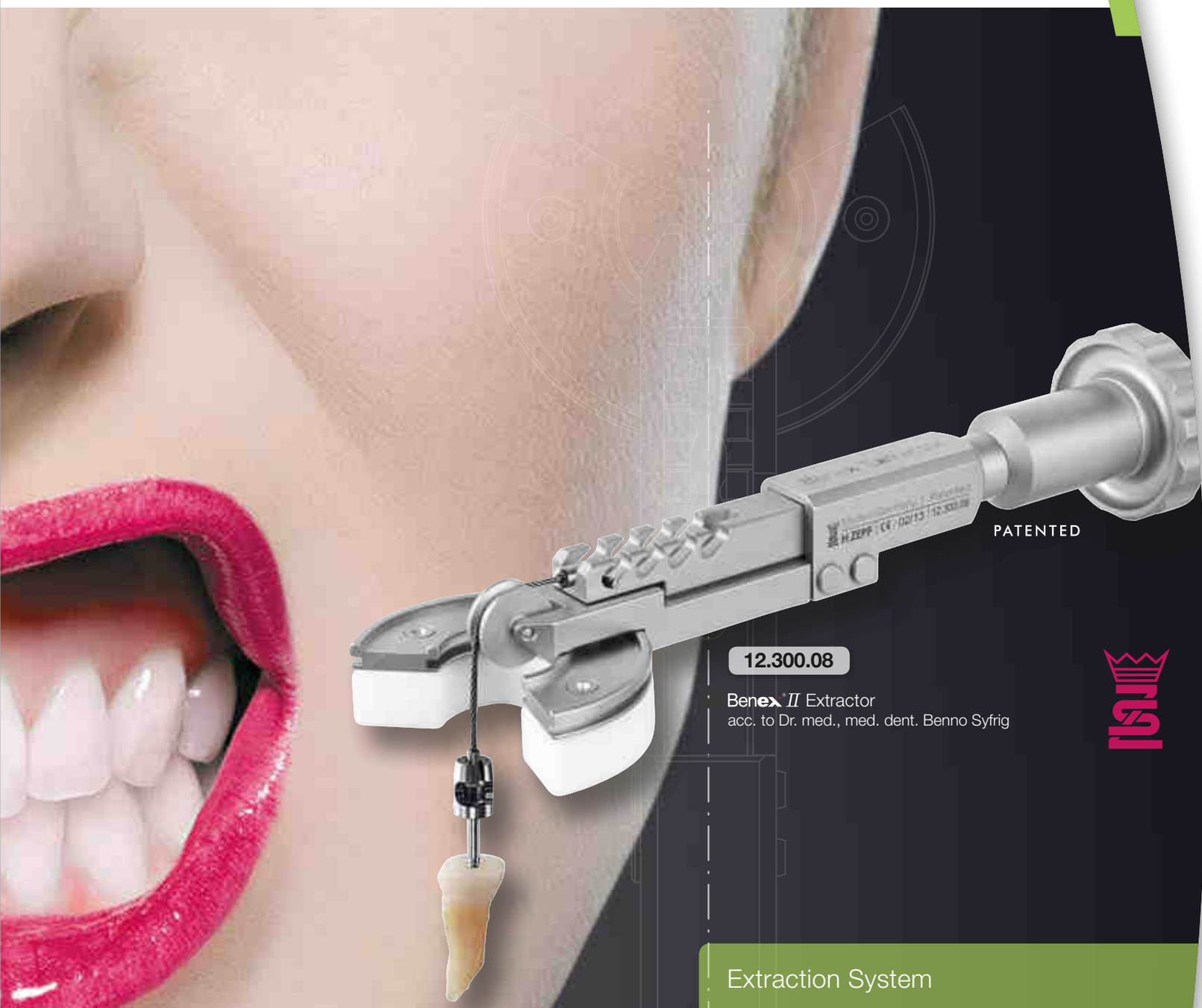
22.523.13 11.5 cm, diamond coated, **La Grange** curved

22.523.90D 11 cm, 90°, diamond coated, **La Grange** curved

zepf-dental.com

VDDI Dental Solutions German Manufacturers

MADE IN GERMANY



12.300.08

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

Extraction System

Benex® II

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

Pursuing logically the quest of gentle extraction, **HELMUT ZEPF** Medizintechnik GmbH has developed a new, patented (Pat. No. CH 696 458) Benex® extraction system in close collaboration with Benno Syfrig Dr. med., med. dent from Switzerland. You will find further information, application examples and the Benex® user forum at:
www.benex-dent.com

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

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

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

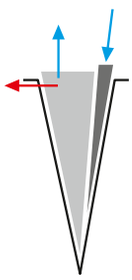
Picture 4
Longitudinal extraction with Benex® II step by step:
Soft tissue,
12 weeks after extraction

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

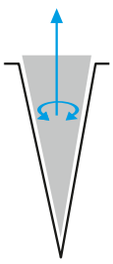
Extraction System

Benex® II
Pat.No. CH 696 458

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



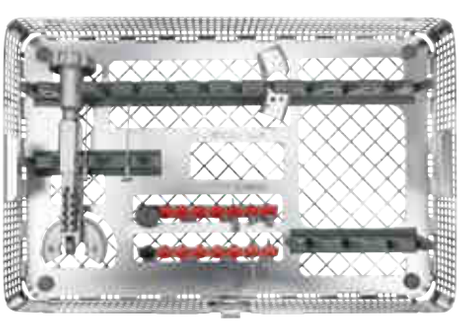
Polygon of forces, conventional:
Pressure on the alveolar wall by forceps or root elevator



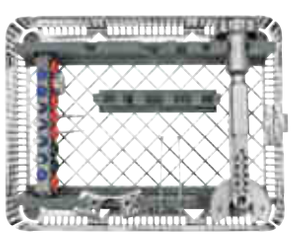
Polygon of forces with Benex® II:
Purely axial traction

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

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



12.302.00 Benex® II Extraction System



12.303.00 Benex® II Basic Kit

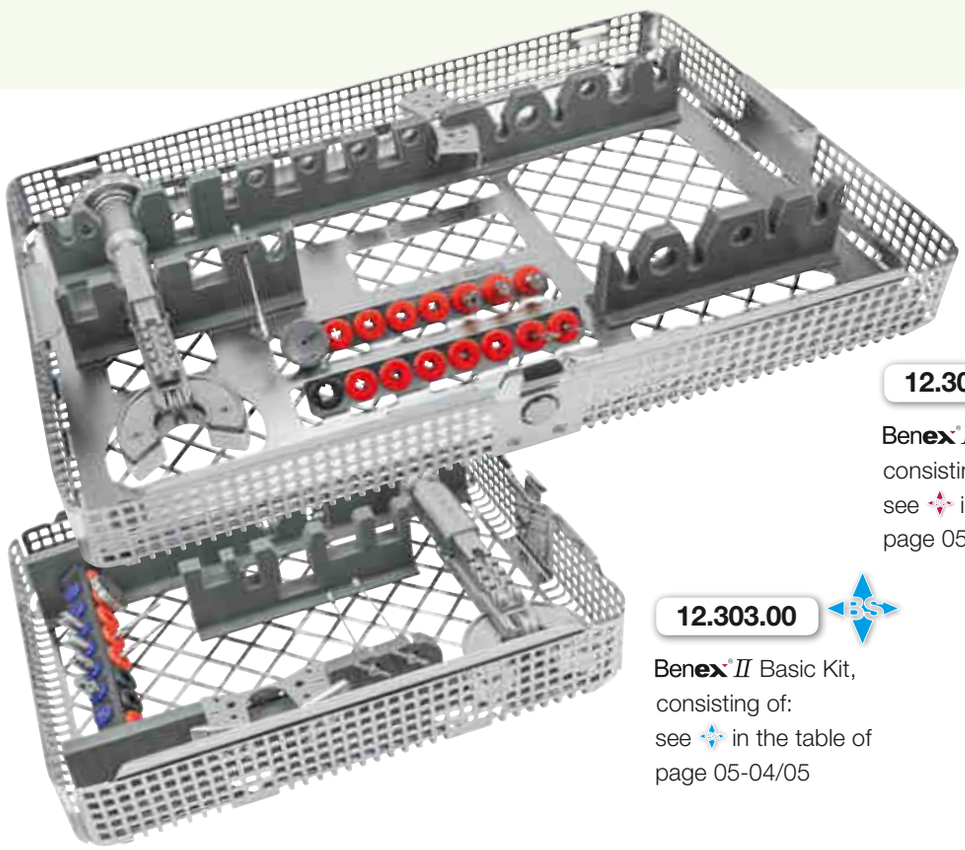
Alveolar Ridge Preservation with Benex® II

What does it mean?

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

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

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



12.302.00 BS

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

12.303.00 BS

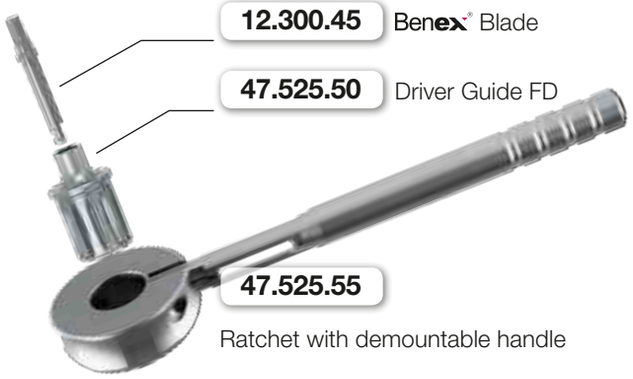
Benex® II Basic Kit, consisting of:
see ✣ in the table of page 05-04/05

Optional Instrumentary

VIDEO APPLICATION

12.300.11

Benex® Pole Extractor



12.300.45 Benex® Blade

47.525.50 Driver Guide FD

47.525.55

Ratchet with demountable handle

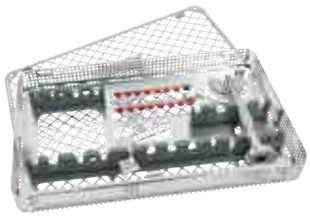
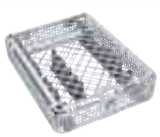
Illustration	Article Description	Order Quantity
	**12.302.00** Benex® II Extraction System, consisting of: Benex® II Extractor, 2 Pullropes 48 mm, Driver Guide, Screw short 1.6 mm + 2.1 mm, Screw long 1.6 mm + 2.1 mm, 1 Drill ea. for 1.6 mm, 2.1 mm Screws, Quadrant Support, 85.195.10 Washbasket with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

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

Benex®
Pat.No. CH 696 458

Application of the Extraction System

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

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

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

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

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

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

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

VIDEO
APPLICATION

ZEPF Xcision
Dr. Maty Design

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

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

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

The ideal handling and tactual sensation is guaranteed.

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

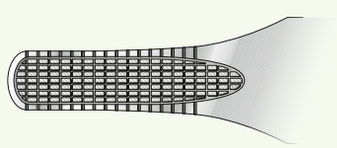
Extracting Forceps

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

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

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

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



12.002.00Z

2

12.007.00Z

7

12.017.00Z

17

12.018.00Z

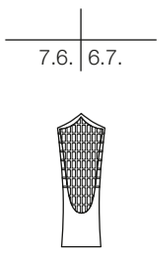
18

12.067.17Z

67LX

12.067.18Z

67RX



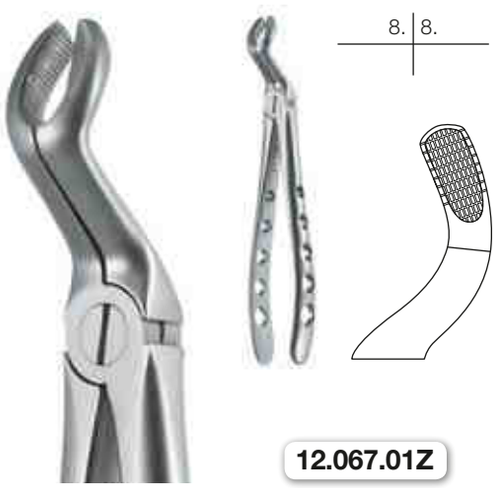
12.073.01Z

73A

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

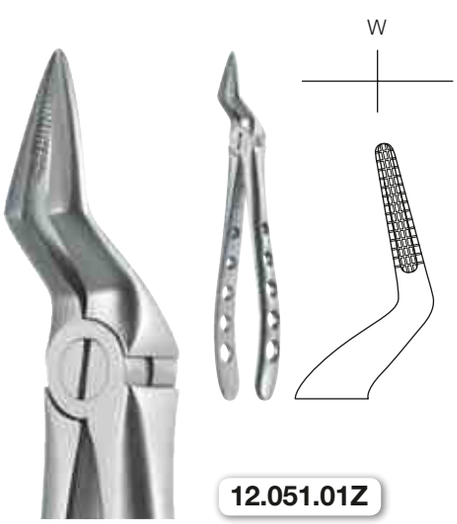
12.033.01Z

33A



12.067.01Z

67A



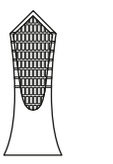
12.051.01Z

51A

12.013.00Z

13

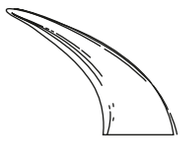
7.6. | 6.7.



12.022.00Z

22

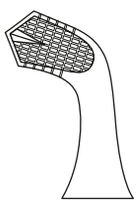
7.6. | 6.7.



12.087.00Z

87

8. | 8.



12.079.00Z

79

3.2.1. | 1.2.3.

(A) 12.034.00Z

34

3.2.1. | 1.2.3.

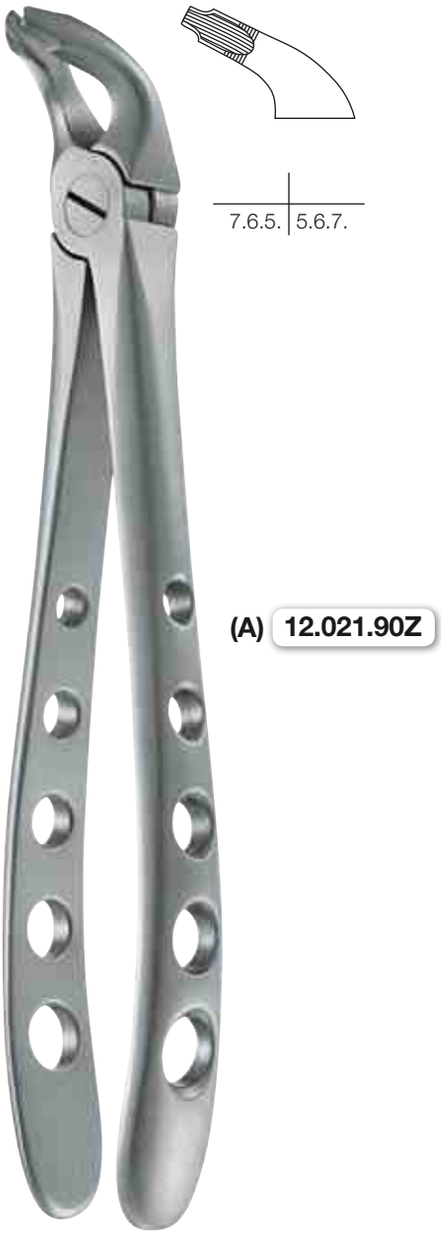
(A) 12.034.01Z

34A

5.4. | 4.5.

(A) 12.035.00Z

35



7.6.5. | 5.6.7.

(A) 12.021.90Z

321

5.4. | 4.5.

(A) 12.035.01Z

35A

8. | 8.

67

(A) 12.067.95Z

8. | 8.

79

(A) 12.079.95Z

5.4.3.2.1. | 1.2.3.4.5.

36

(A) 12.036.00Z

5.4.3.2.1. | 1.2.3.4.5.

36A

(A) 12.036.01Z

Secure-Line

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

3.2.1. | 1.2.3.

34N

12.034.07Z

5.4. | 4.5.

35N

12.035.07Z

5.4.3.2.1. | 1.2.3.4.5.

36N

12.036.07Z

3.2.1. | 1.2.3.

34M

12.034.08Z

5.4. | 4.5.

35M

12.035.08Z

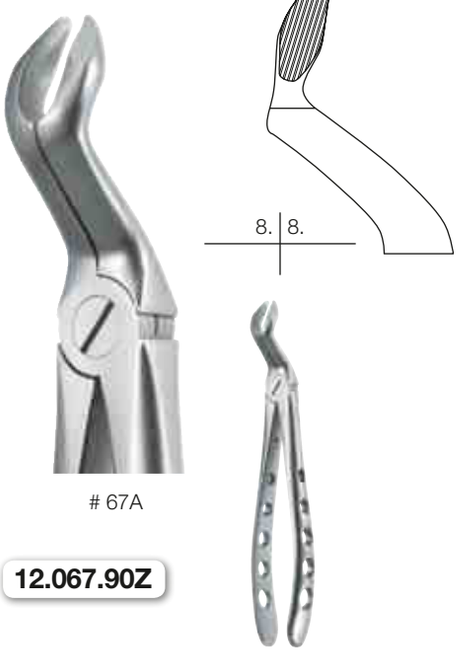
5.4.3.2.1. | 1.2.3.4.5.

36M

12.036.08Z

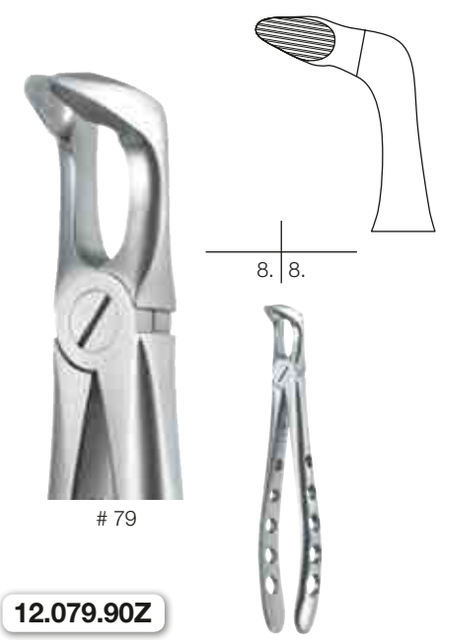
Rescue-Line

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



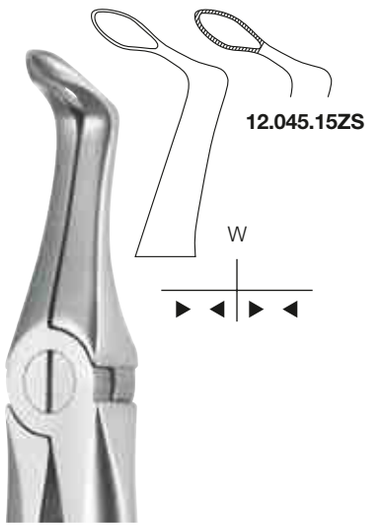
67A

12.067.90Z



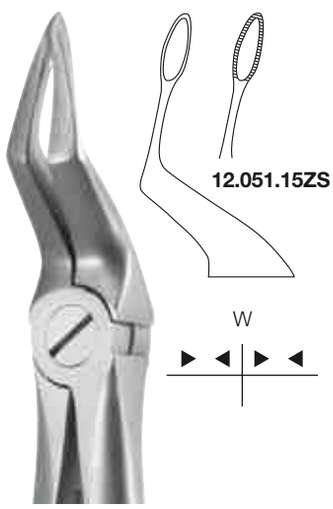
79

12.079.90Z



45Z

12.045.15Z **12.045.15ZS**



51Z

12.051.15Z **12.051.15ZS**

44Z

12.044.15Z

Special Wisdom Routurier Extracting Forceps

Their angled shape will allow you to reach around obstacles and protect the corners of patients' mouths whenever their mouth openings are restricted or their jaws have been firmly clamped in position. Their slim compact design allows readily accessing molar areas.

12.522.15Z # 22 1/2 L

12.522.16Z # 22 1/2 R

Witzel All-Purpose Root-Splinter Forceps

diamond-tipped

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

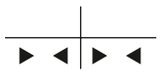
Witzel, 15 cm

diamond-tipped

14.700.01Z **14.700.01**

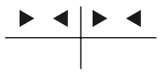
Root- and Splinter Forceps Sequester ZEPF Xcision-Design

W



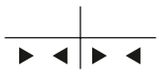
12.059.00Z

W

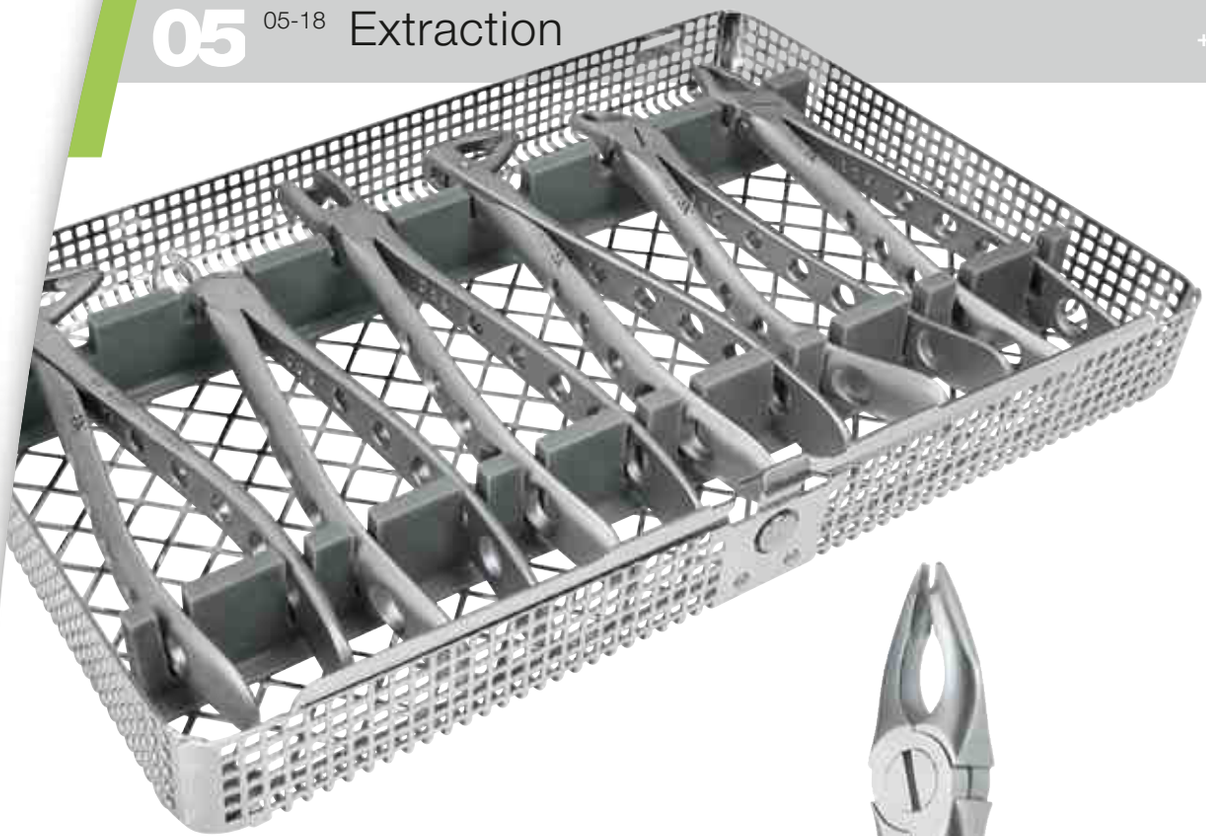


14.700.10Z

W



14.701.10Z



The ZEPF twist EX Kit

12.701.00Z Complete Kit

The Kit consists of:

3.2.1. | 1.2.3.

12.034.00Z

Twist Ex 1

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

5.4. | 4.5.

12.035.00Z

Twist Ex 2

Extracting Forceps for upper premolars, deep-grip

5.4.3.2.1. | 1.2.3.4.5.

12.036.00Z

Twist Ex 3

Extracting Forceps for lower front teeth, deep-grip

5.4.3.2.1. | 1.2.3.4.5.

12.036.01Z

Twist Ex 4

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

8. | 8.

12.079.95Z

Twist Ex 5

Extracting Forceps for lower molars, deep-grip

8. | 8.

12.067.95Z

Twist Ex 6

Extracting Forceps for upper molars, deep-grip

Extracting Forceps, American Pattern

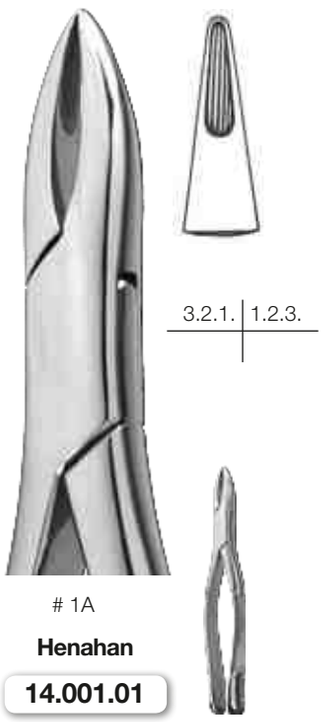
Diamond Version
All forceps are also available in the diamond version. For ordering etc., just add a **D** to the article number

3.2.1. | 1.2.3.

1

Standard

14.001.00



3.2.1. | 1.2.3.

1A

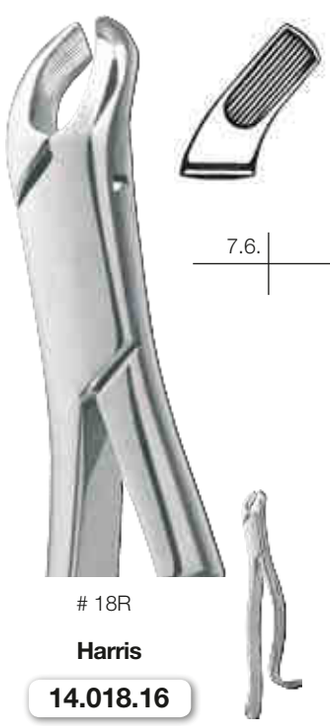
Henahan

14.001.01

7.6. | 6.7.

10S

14.010.09

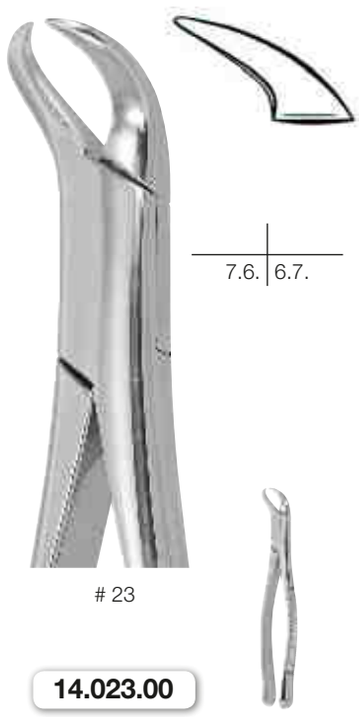


7.6.

18R

Harris

14.018.16

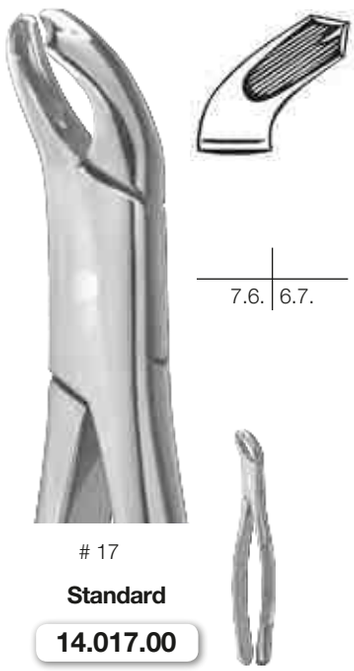


7.6. | 6.7.

23

14.023.00

Extracting Forceps, American Pattern



17

Standard

14.017.00

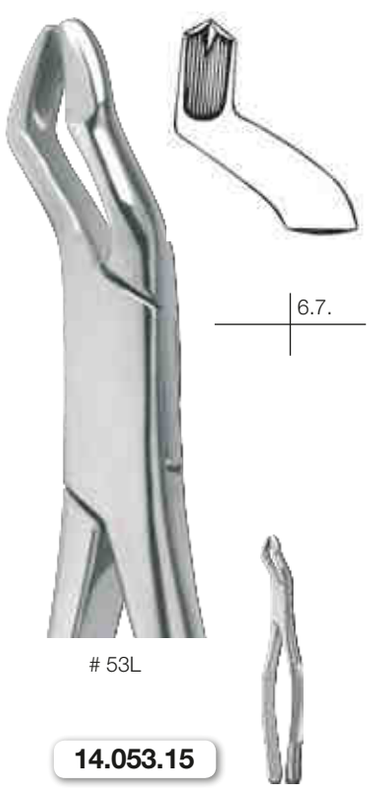
18L

Harris

14.018.15

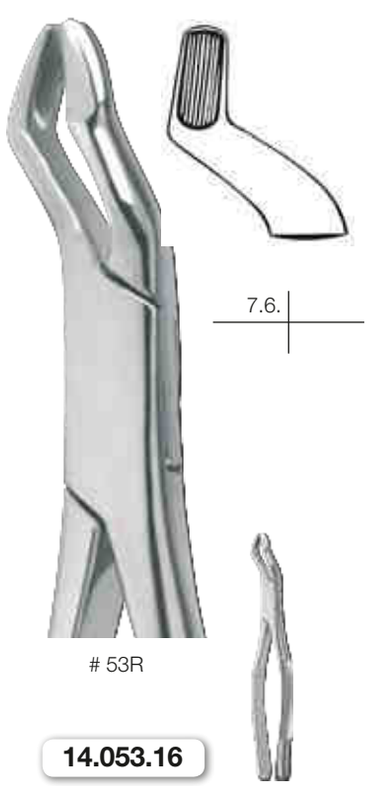
16

14.016.00



53L

14.053.15



53R

14.053.16

Extracting Forceps, American Pattern

2.1. | 1.2.

65

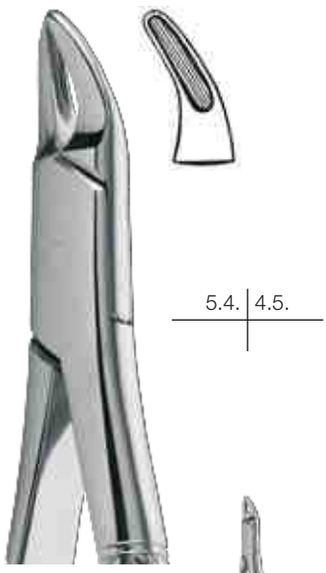
14.065.00

5.4.3.2.1. | 1.2.3.4.5.

69

Tomes

14.069.00

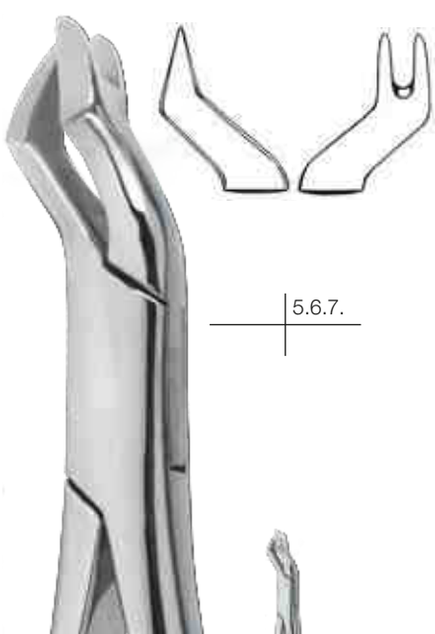


5.4. | 4.5.

101

Hull

14.101.00



5.6.7.

88L

Nevius

14.088.15

7.6.5.

88R

14.088.16

Extracting Forceps, American Pattern

5.4.3.2.1. | 1.2.3.4.5.

150

Cryer

14.150.00

14.150.00D

5.4.3.2.1. | 1.2.3.4.5.

150S

Cryer

14.150.05

5.4.3.2.1. | 1.2.3.4.5.

151

Cryer

14.151.00

14.151.00D

5.4.3.2.1. | 1.2.3.4.5.

151A

Cryer

14.151.01

5.4.3.2.1. | 1.2.3.4.5.

151S

Cryer

14.151.05

Extracting Forceps, American Pattern

8. | 8.

210S

14.210.05

7.6. | 6.7.

217

14.217.00

5.4.3.2.1. | 1.2.3.4.5.

150AB

14.150.10

5.4.3.2.1. | 1.2.3.4.5.

151AS

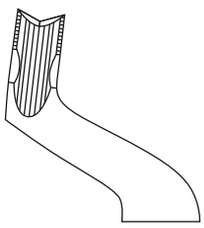
14.151.11

5.4.3.2.1. | 1.2.3.4.5.

150AS

14.150.11

Extracting Forceps, American Pattern



7.6. | 6.7.

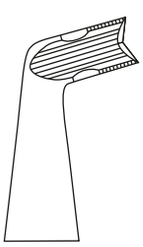
10AS

14.010.11

8. | 8.

222

14.222.00



7.6.5.4. | 4.5.6.7.

222AS

14.222.11

5.4.3.2.1. | 1.2.3.4.5.

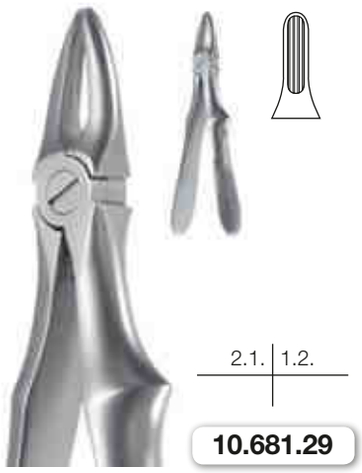
151AB

14.151.10

Pedodontic Extracting Forceps

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

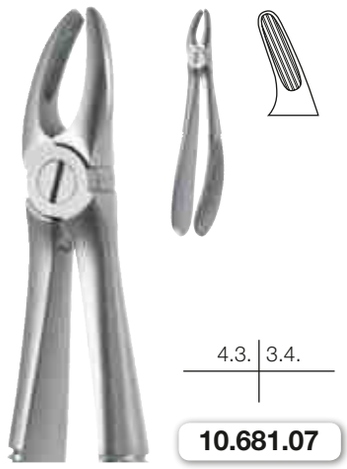
Further RoBa-Design Pedodontic Extracting Forceps are illustrated on page 05-32!



2.1. | 1.2.

10.681.29

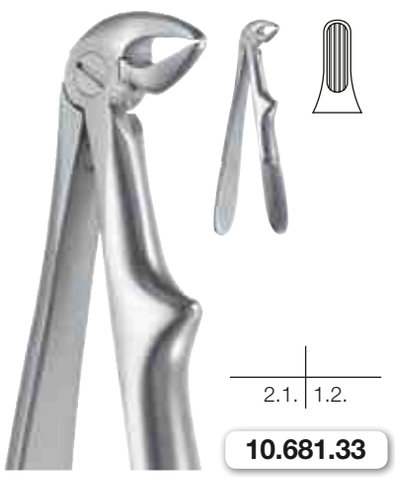
29



4.3. | 3.4.

10.681.07

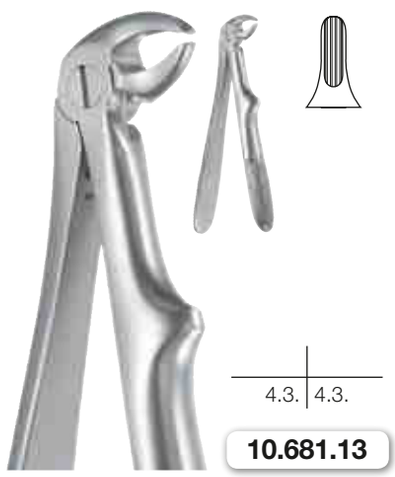
7



2.1. | 1.2.

10.681.33

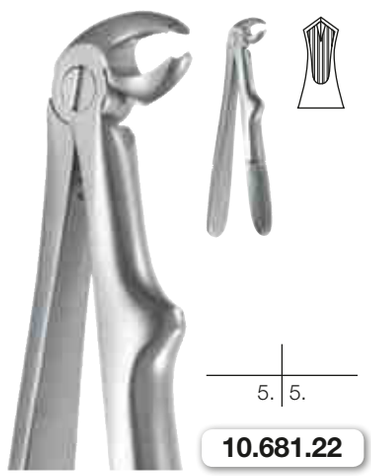
33



4.3. | 4.3.

10.681.13

13



5. | 5.

10.681.22

22

5.4.3. | 3.4.5.

10.681.51

51

5. | 5.

10.681.52

52

ZEPF roba EDITION PATENTED

onyx DESIGN

ZEPF RoBa-Edition

by dentist Beck

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

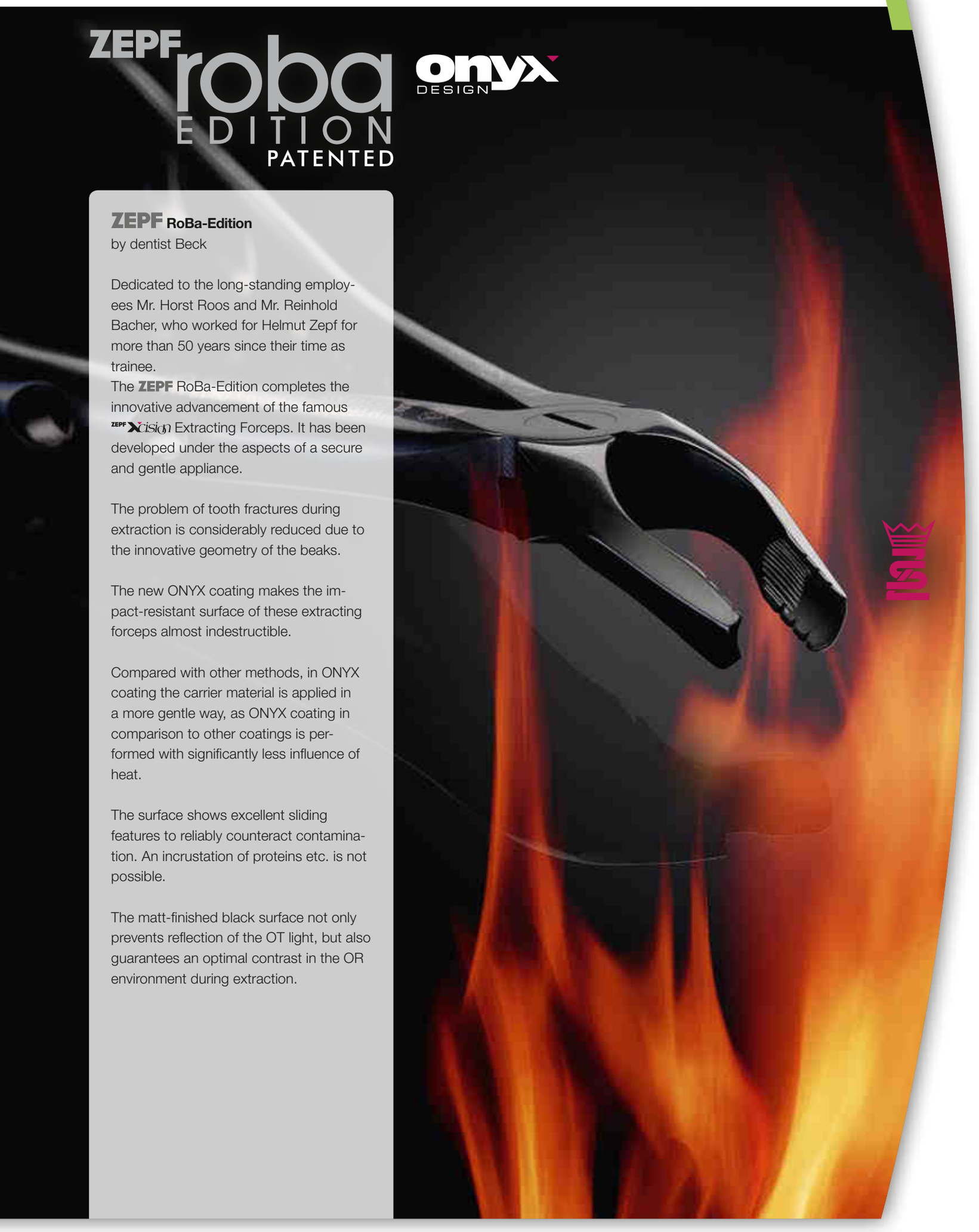
The problem of tooth fractures during extraction is considerably reduced due to the innovative geometry of the beaks.

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

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

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

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

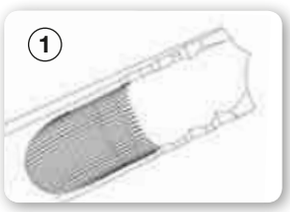


ZEPF roba EDITION PATENTED

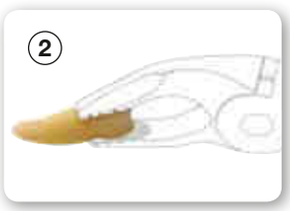
With the patented RoBa-Edition **HELMUT ZEPF** introduces a new generation of extracting forceps. Deduced from the ZEPF Xcision Instruments the RoBa-Edition has been especially developed in consideration of easy and gentle extraction.

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

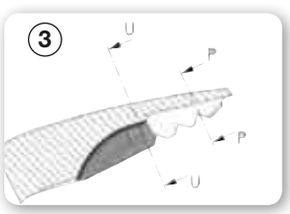
Due to the fact that all teeth show a convex crown contour (upper jaw: labial, buccal, palatal and in lower jaw: labial, buccal, lingual), the beaks have been developed under this anatomical conditions The handle is a protected design from **HELMUT ZEPF**, which was developed in cooperation with Dr.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



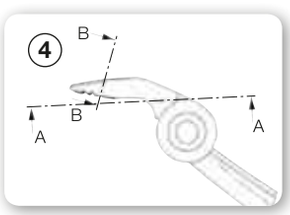
(1) The serrated jaws grip onto into the teeth and avoid a “riding” in-between the tooth crown and the inner contour of the beak.



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



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



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

onyx DESIGN

Black Finish Coating

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

1

PATENTED

12.234.07ZTI

Diamond Version

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

2

PATENTED

12.234.07ZD

RoBa Extracting Forceps

3.2.1. | 1.2.3.

12.234.07Z

12.234.07ZD

12.234.07ZTI

3.2.1. | 1.2.3.

12.234.08Z

12.234.08ZD

12.234.08ZTI

5.4. | 4.5.

12.235.07Z

12.235.07ZD

12.235.07ZTI

8. | 8.

12.279.90Z

12.279.90ZD

12.279.90ZTI

3.2.1 | 1.2.3.

12.236.07Z

12.236.07ZD

12.236.07ZTI

3.2.1. | 1.2.3.

12.236.08Z

12.236.08ZD

12.236.08ZTI

5.4. | 4.5.

12.213.00Z

12.213.00ZD

12.213.00ZTI

5.4. | 4.5.

12.235.08Z

12.235.08ZD

12.235.08ZTI

7.6.

12.217.00Z

12.217.00ZD

12.217.00ZTI

6.7.

12.218.00Z

12.218.00ZD

12.218.00ZTI

8. | 8.

12.267.01Z

12.267.01ZD

12.267.01ZTI

7.6. | 6.7.

12.222.00Z

12.222.00ZD

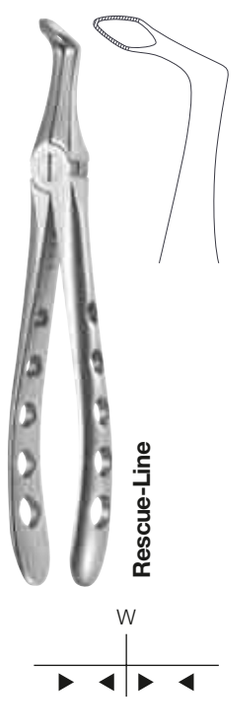
12.222.00ZTI

7.6. | 6.7.

12.221.90Z

12.221.90ZD

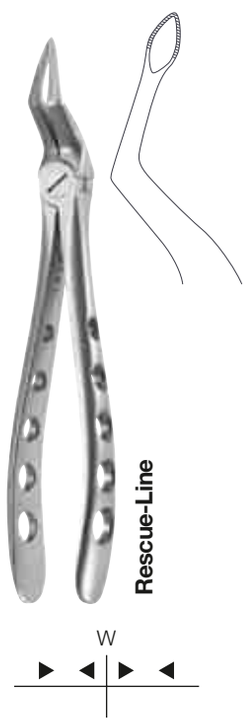
12.221.90ZTI



W

12.045.15ZS

12.045.15ZSTI



W

12.051.15ZS

12.051.15ZSTI

Children Forceps RoBa-Edition

Extracting Forceps modif. by Dentist Beck

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.

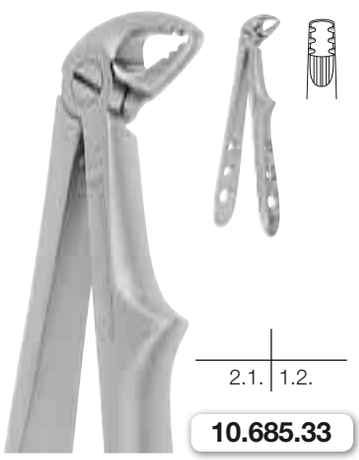
10.685.29

29

4.3. | 3.4.

10.685.07

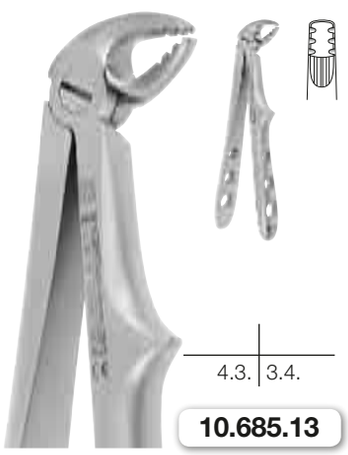
7



2.1. | 1.2.

10.685.33

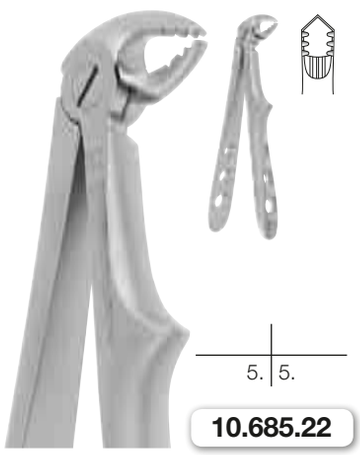
33



4.3. | 3.4.

10.685.13

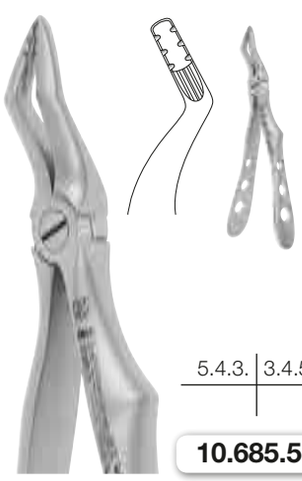
13



5. | 5.

10.685.22

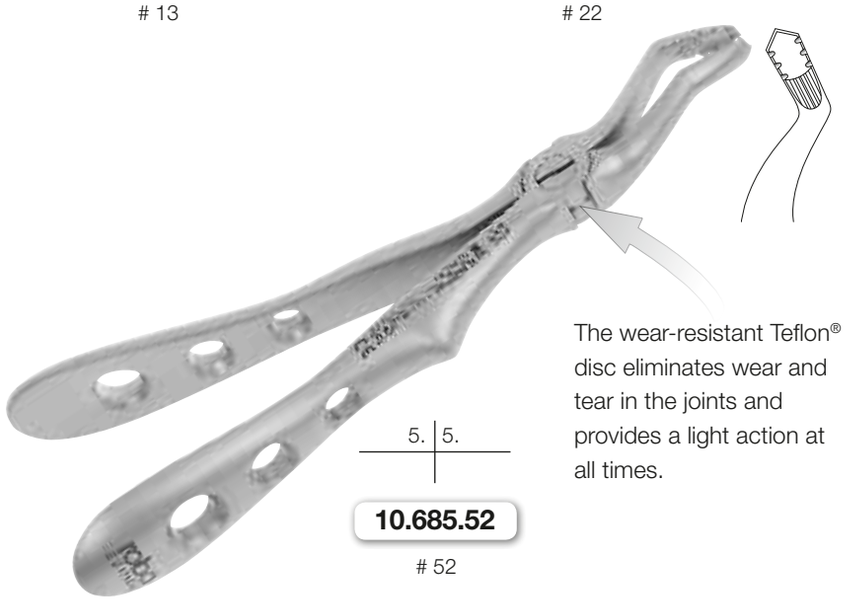
22



5.4.3. | 3.4.5.

10.685.51

51



5. | 5.

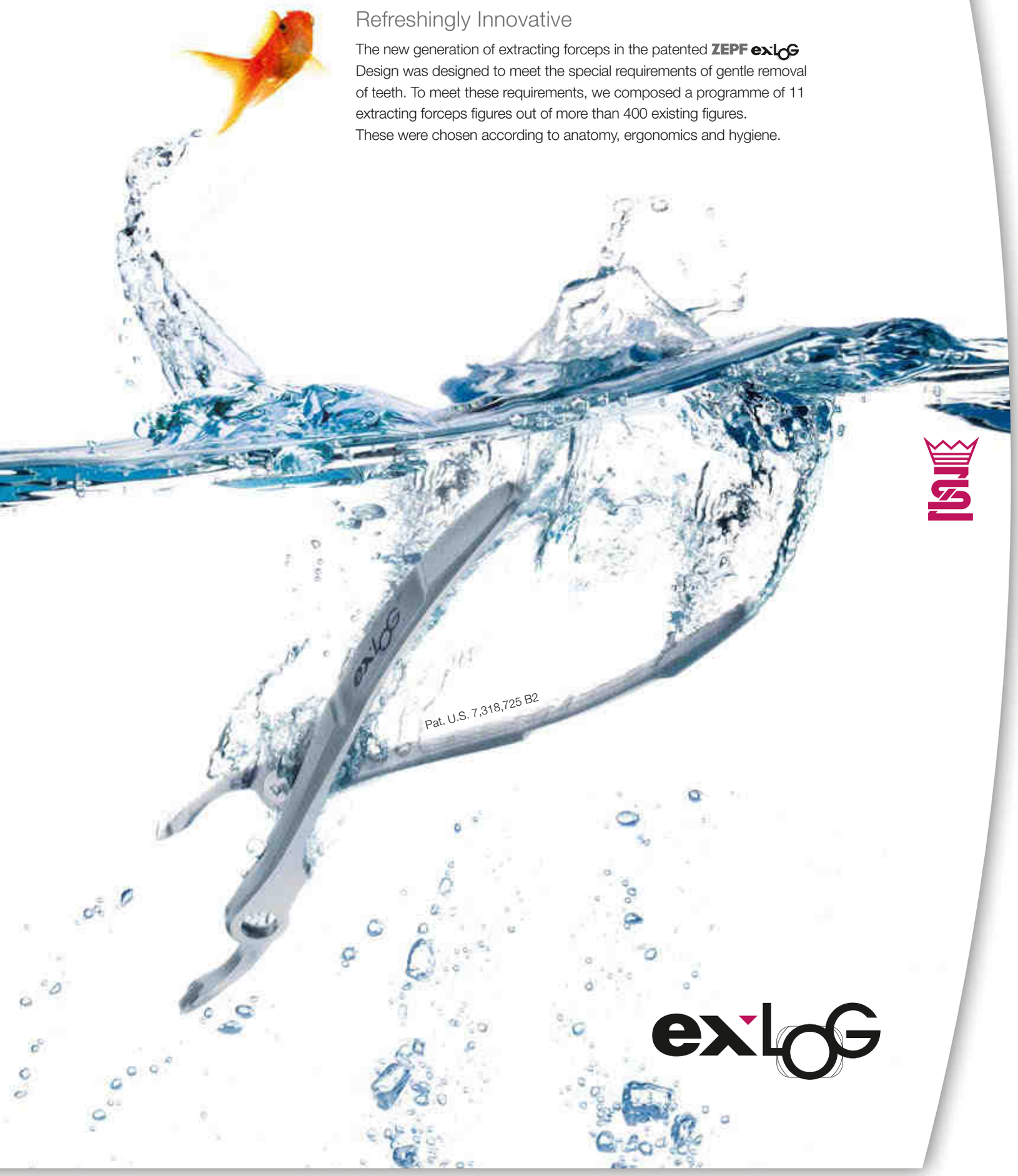
10.685.52

52

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

Refreshingly Innovative

The new generation of extracting forceps in the patented ZEPF exLOG Design was designed to meet the special requirements of gentle removal of teeth. To meet these requirements, we composed a programme of 11 extracting forceps figures out of more than 400 existing figures.
These were chosen according to anatomy, ergonomics and hygiene.



exLOG Extracting Forceps

34

3.2.1. | 1.2.3.

15.034.00

34A

3.2.1. | 1.2.3.

15.034.01

35

5.4. | 4.5.

15.035.00

35A

5.4. | 4.5.

15.035.01

67A

8.7.6. | 6.7.8.

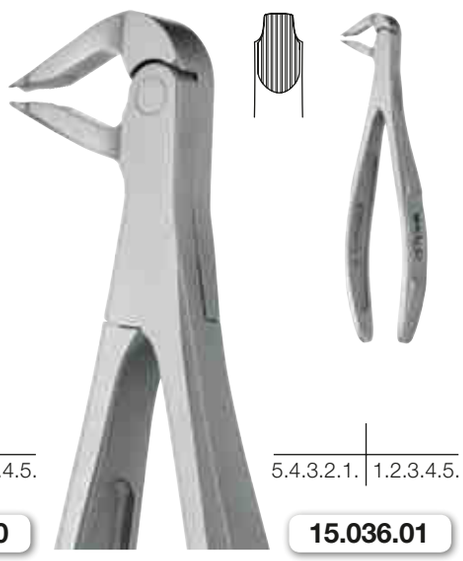
15.067.90

The exLOG Forceps offer an excellent anatomic fit and only need enough pressure so they do not slip out of the hand. The forceps guarantee a balanced axial luxation, better periodontal fibre dilatability and increased sense of touch. They reduce traumata of surrounding tissue.
The assimilated handles allow an individual and equal power transmission for left- and right-handed surgeons during pressing, pulling and turning movements.
Due to the smooth handles and the possibility of dismantling, the exLOG Forceps can be cleaned extremely well.
So there are no hygiene-critical areas any more like they are known from forceps with conventional lock. Especially with automatic reprocessing in a washtray the disassembly is a great advantage as they need less space.

5.4.3.2.1. | 1.2.3.4.5.

15.036.00

36



5.4.3.2.1. | 1.2.3.4.5.

15.036.01

36A

7.6.5. | 5.6.7.

15.021.90

21N

8.7.6. | 6.7.8.

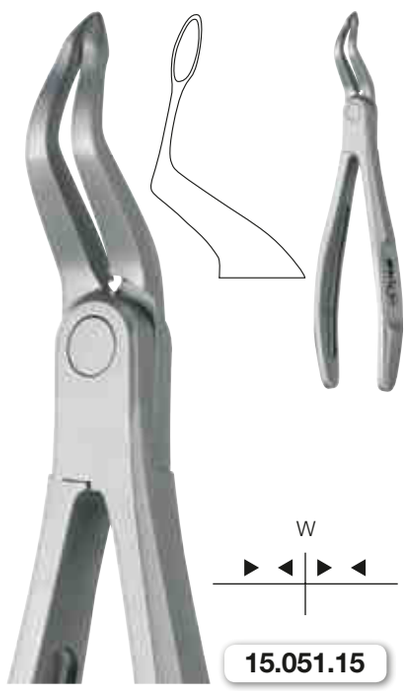
15.079.90

79A

W

15.045.15

45



W

15.051.15

51

All Advantages on One View:

- excellent anatomic adaptation on the tooth surface
- tapered beaks for less trauma and protection of the alveolar loculus
- linear serrated jaws for equal axial luxation
- better fibre dilatability and increased sense of touch
- optimal cleaning through the demountability of the forceps into two parts (RKI-compliant)
- long lasting, patented, high precision joint for radial and axial mechanical load
- made out of one piece (5-axis CNC-milling) for ultra high precision
- no maintenance of the joint necessary

Focus on the exLOG, the standard of tomorrow.

A NEW STANDARD IS DEFINED

exLOG

exLOG PATENTED

+

ZEPF roba EDITION PATENTED

ZEPF EXLOG RoBa Edition Extracting Forceps

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

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

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

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

ZEPF EXLOG RoBa Edition Extracting Forceps

exLOG PATENTED + ZEPF roba EDITION PATENTED

3.2.1. | 1.2.3.

15.234.07

15.234.07D

34N

3.2.1. | 1.2.3.

15.234.08

15.234.08D

34M

5.4. | 4.5.

15.235.07

15.235.07D

35N

5.4. | 4.5.

15.235.08

15.235.08D

35M

7.6. | 7.6.

15.217.00

15.217.00D

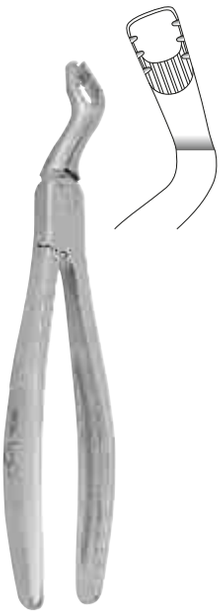
17

6.7. | 6.7.

15.218.00

15.218.00D

18

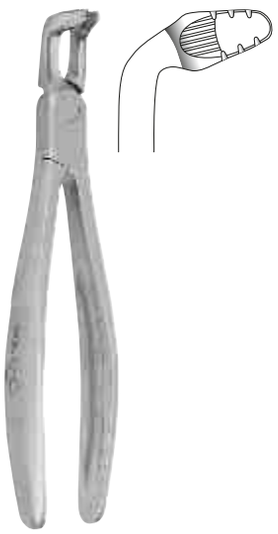


8. | 8.

15.267.01

15.267.01D

67A



8. | 8.

15.279.90

15.279.90D

79A

3.2.1. | 1.2.3.

15.236.07

15.236.07D

36N

3.2.1. | 1.2.3.

15.236.08

15.236.08D

36M

5.4. | 4.5.

15.213.00

15.213.00D

13

7.6. | 6.7.

15.222.00

15.222.00D

22

exLOG PATENTED

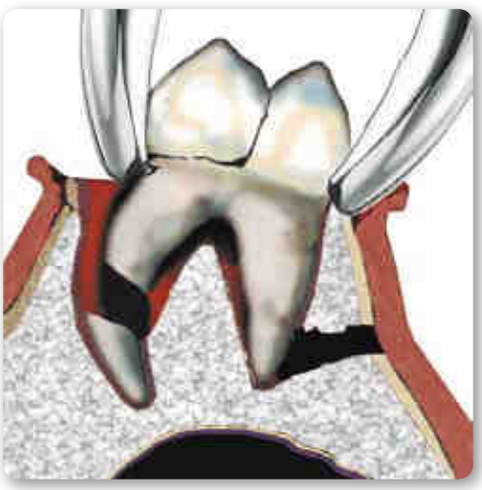
+

ZEPF roba EDITION PATENTED

ZEPF EXLOG RoBa Edition Extracting Forceps

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

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



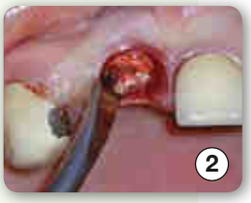
The following problems might occur if the extraction forceps are not suitable:

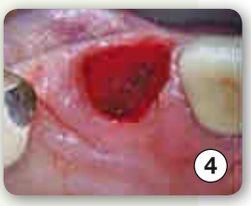
- root fracture
- crown fracture
- damage of the soft tissue caused by bruising
- damage of the alveolar ridge and the buccal bone lamella

Advantages of deep-grip extraction forceps:

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

X-tod Instruments





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

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

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

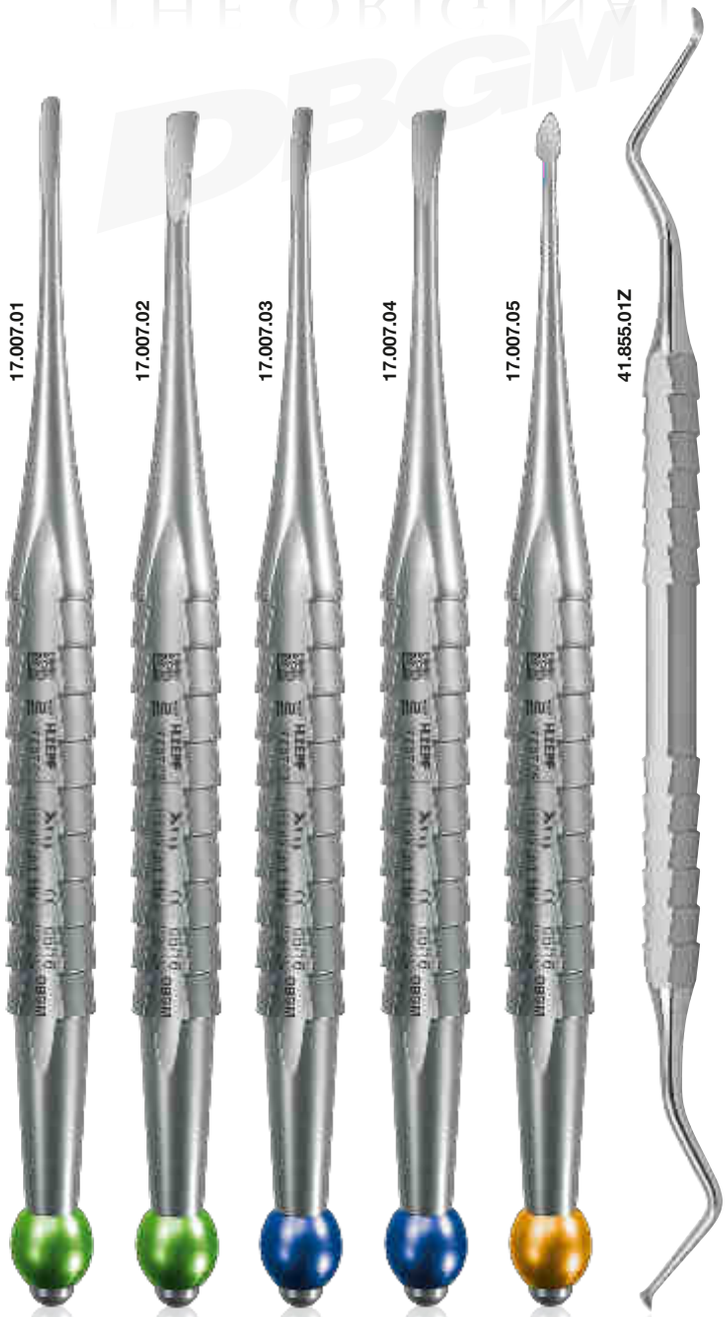
2. Then progressive luxation with the X-Luxa-Tool (first narrow then wide). Ideal positions: Approximal (mesial or distal) to the tooth which should be extracted!

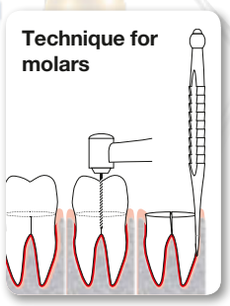
3. Complete luxation of an upper right molar with support of a wide X-Luxa-Tool. Gentle extraction without root fractures!

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

X-tod
DBGM acc. to Dr. Detlef Hildebrand

THE ORIGINAL





Xtool Instruments

DBGM acc. to Dr. Detlef Hildebrand

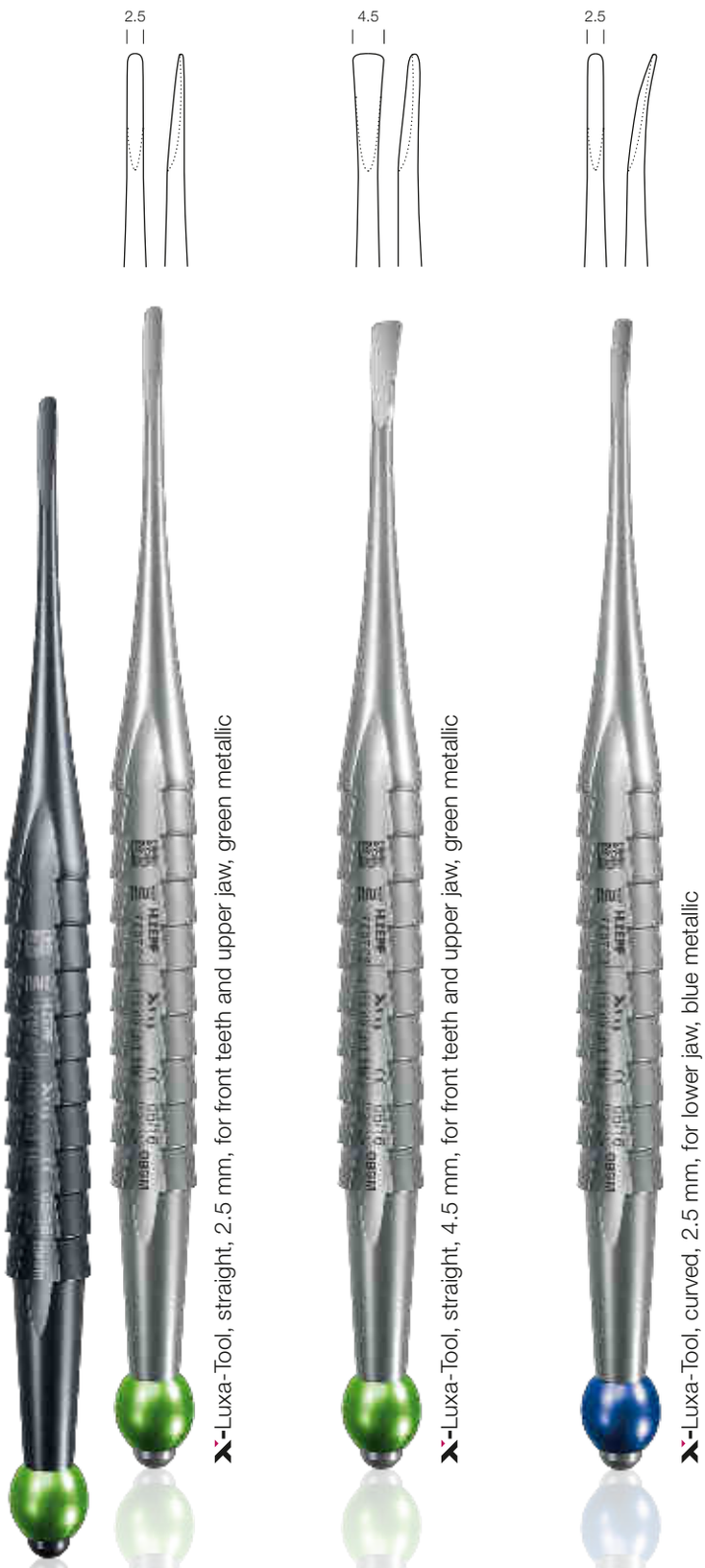
THE ORIGINAL

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

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

Modern therapy methods require modern instruments!

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



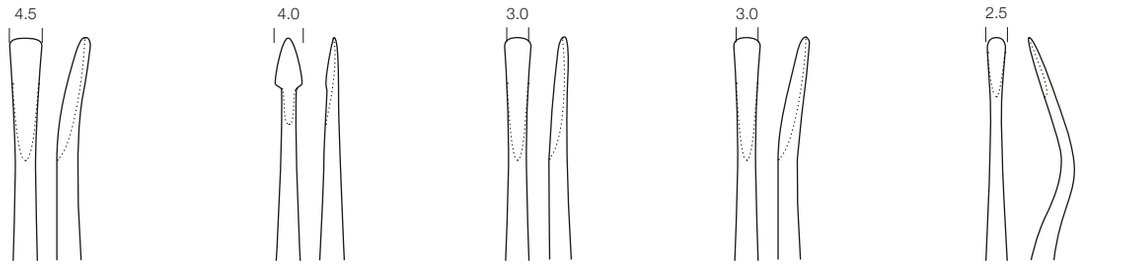
straight
17.007.01
17.007.01TI

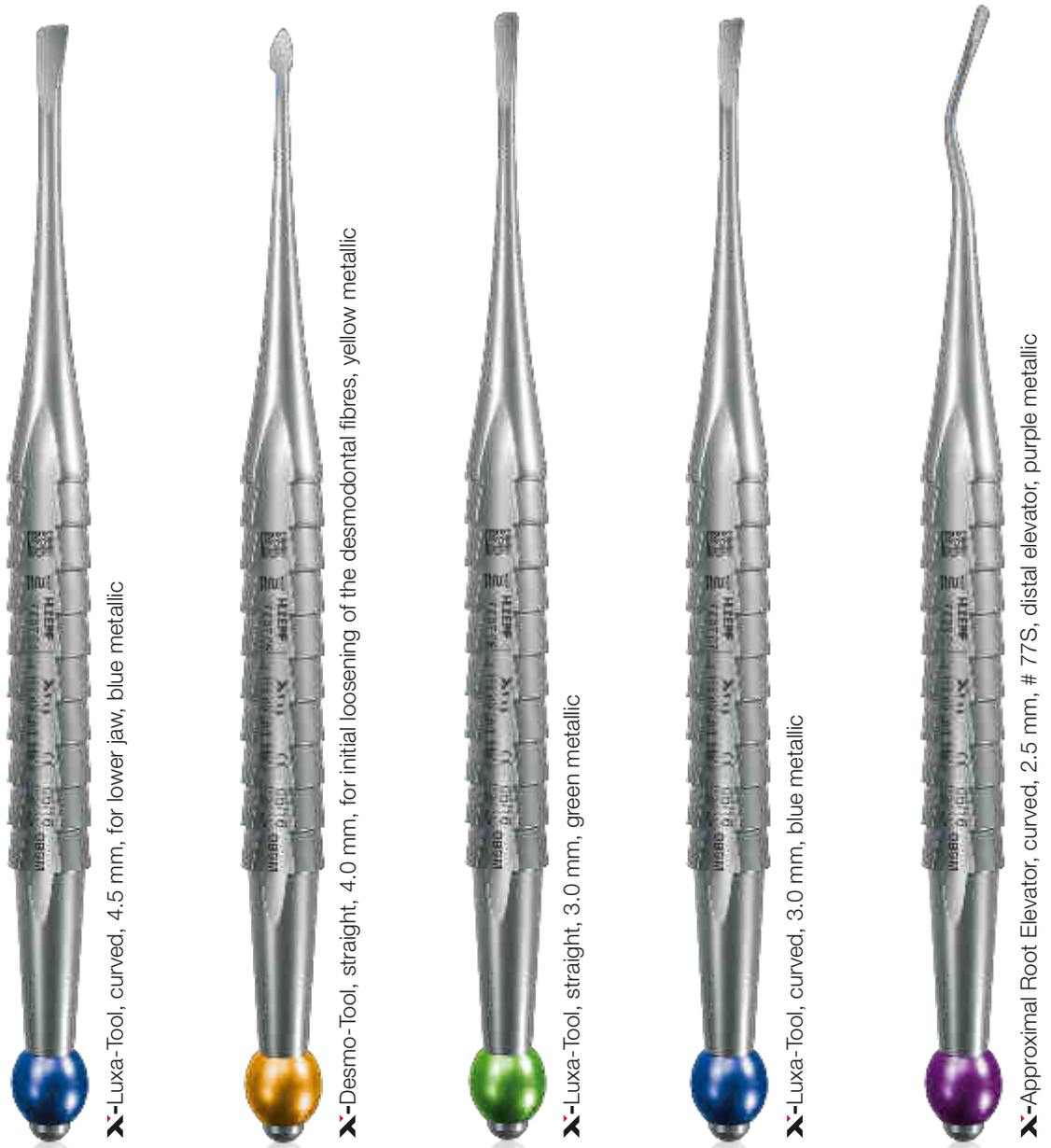
straight
17.007.02
17.007.02TI

curved
17.007.03
17.007.03TI

onyx Black Finish Coating

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





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

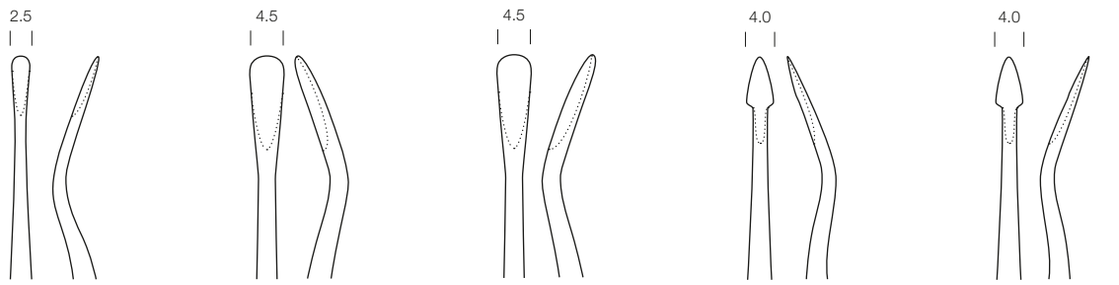
X-Desmo-Tool, straight, 4.0 mm, for initial loosening of the desmodontal fibres, yellow metallic

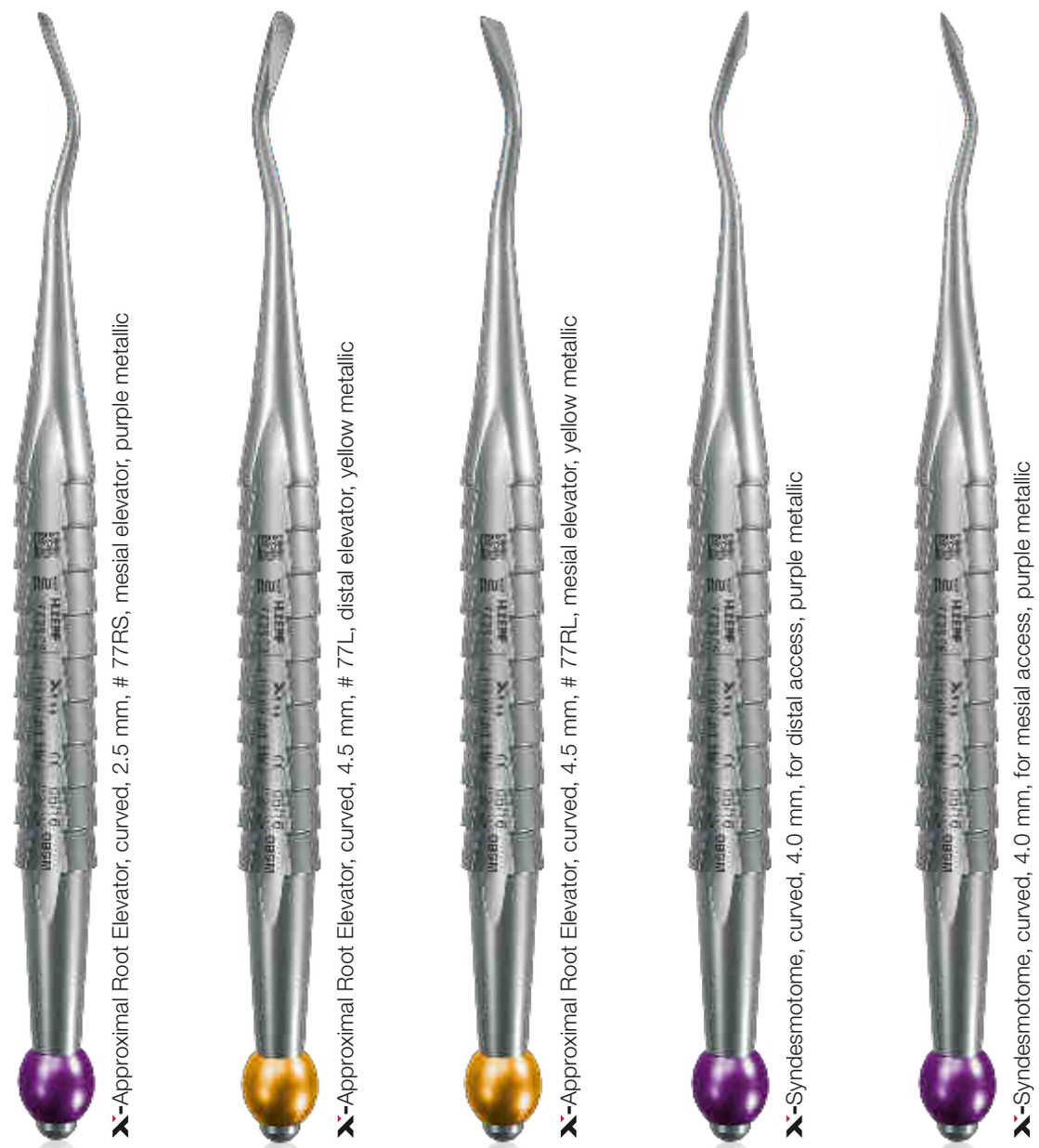
X-Luxa-Tool, straight, 3.0 mm, green metallic

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

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

curved	straight	straight	curved	curved
17.007.04	**17.007.05**	**17.007.06**	**17.007.07**	**17.008.01**
17.007.04TI	**17.007.05TI**	**17.007.06TI**	**17.007.07TI**	**17.008.01TI**





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

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

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

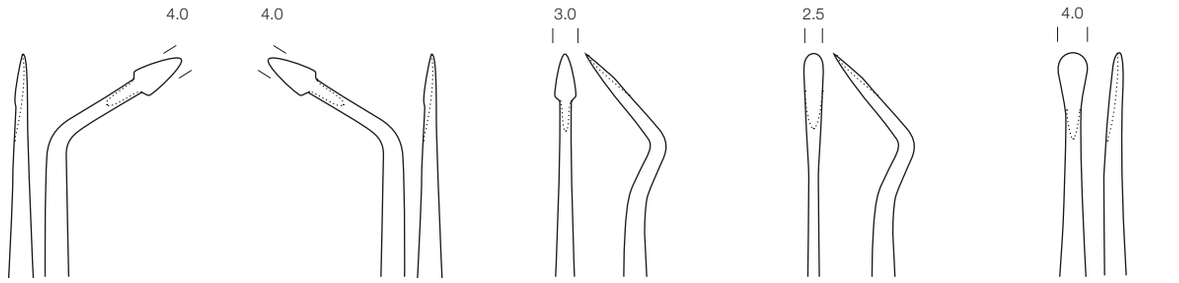
X-Syndesmotome, curved, 4.0 mm, for distal access, purple metallic

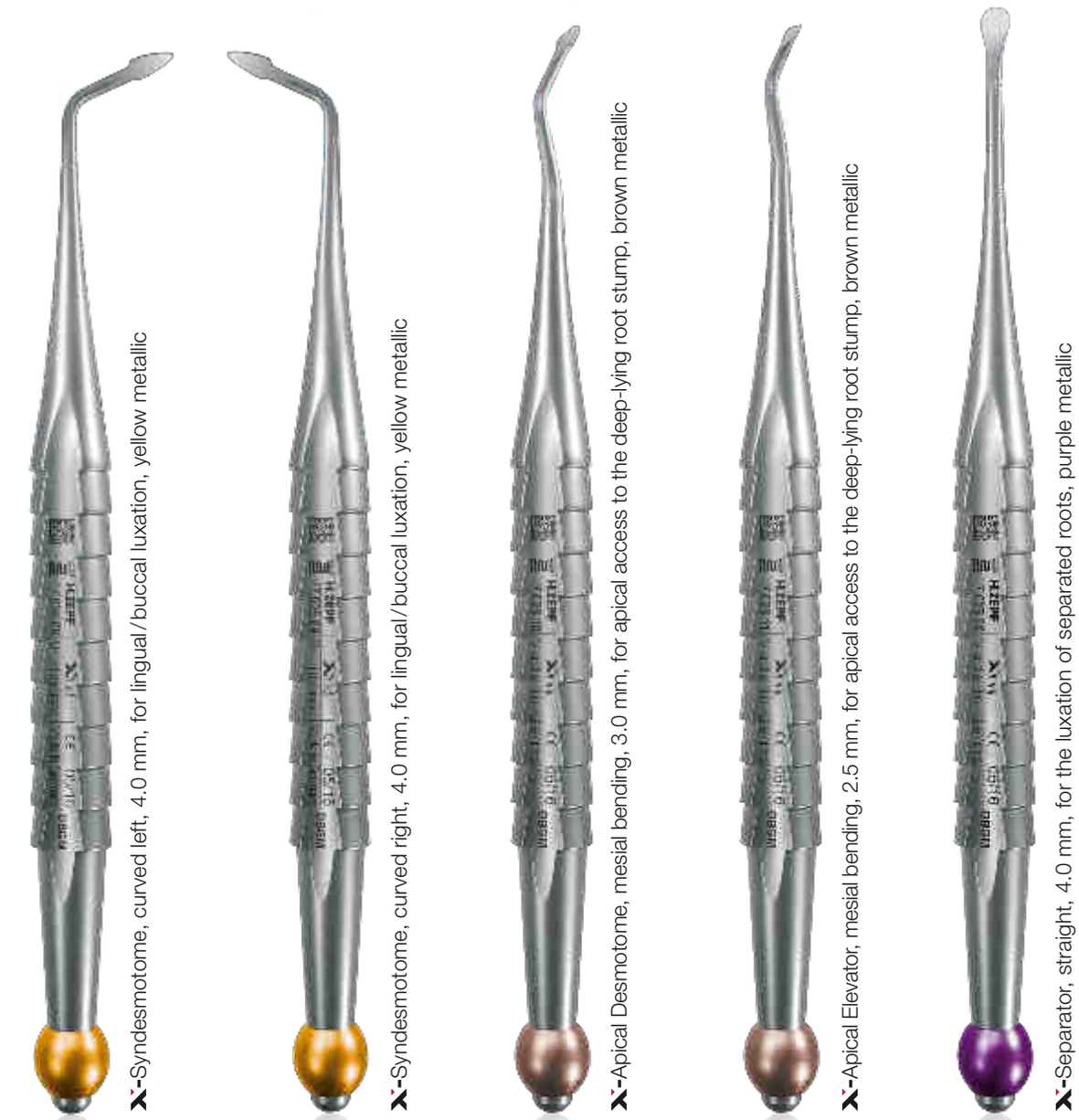
X-Syndesmotome, curved, 4.0 mm, for mesial access, purple metallic

curved | curved | curved | curved | curved

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

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





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

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

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

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

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

curved

17.008.08

17.008.08TI

curved

17.008.09

17.008.09TI

curved

17.008.10

17.008.10TI

curved

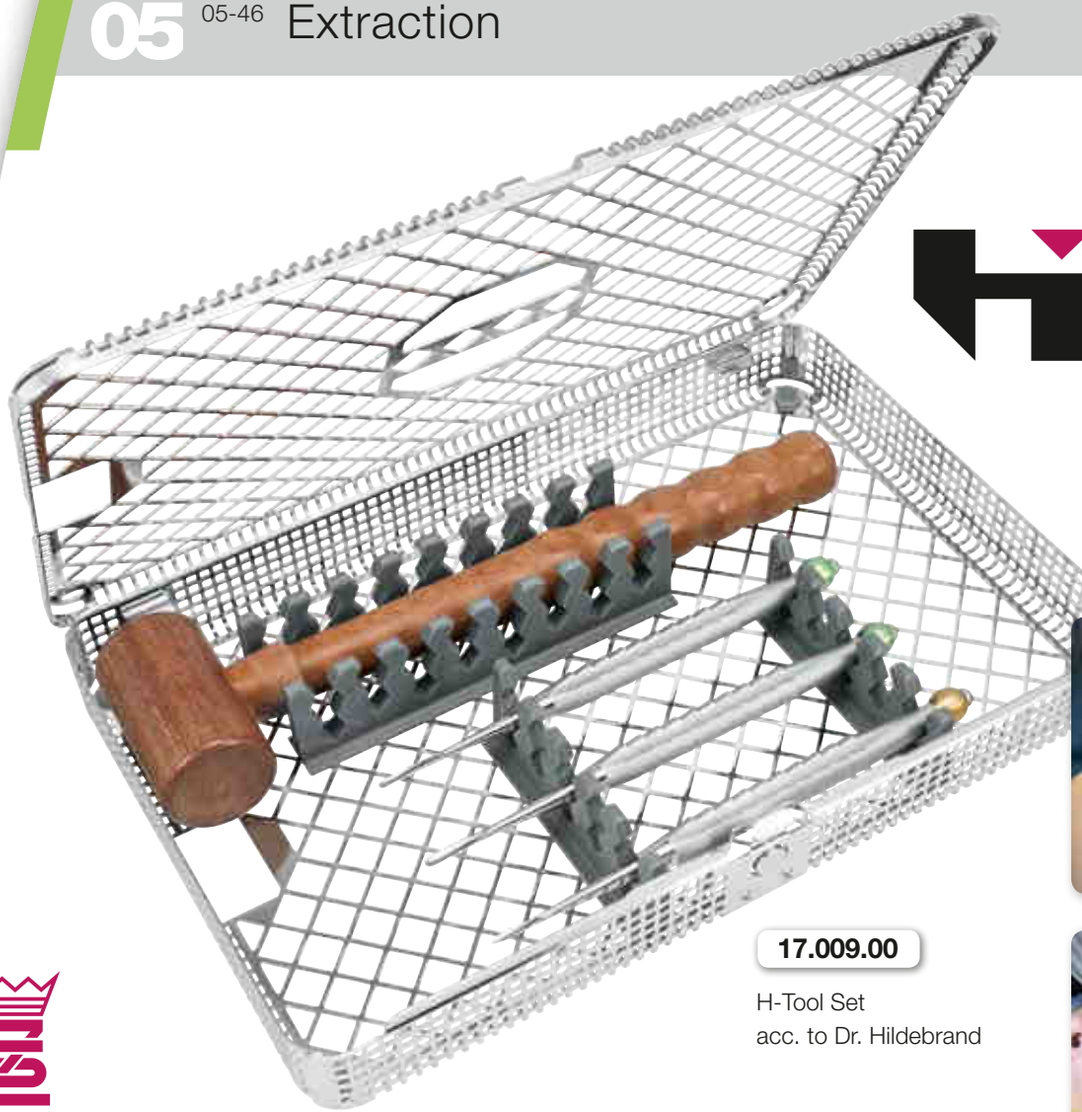
17.008.11

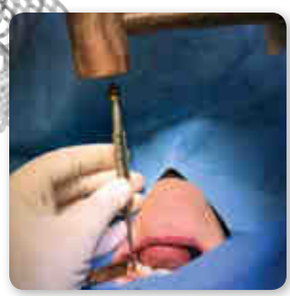
17.008.11TI

straight

17.008.90

17.008.90TI





17.009.00

H-Tool Set
acc. to Dr. Hildebrand

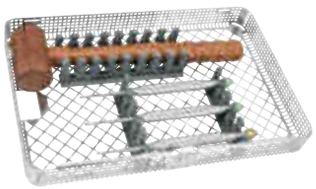
H-Tool Set

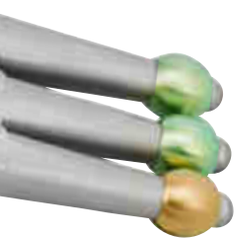
acc. to Dr. Hildebrand

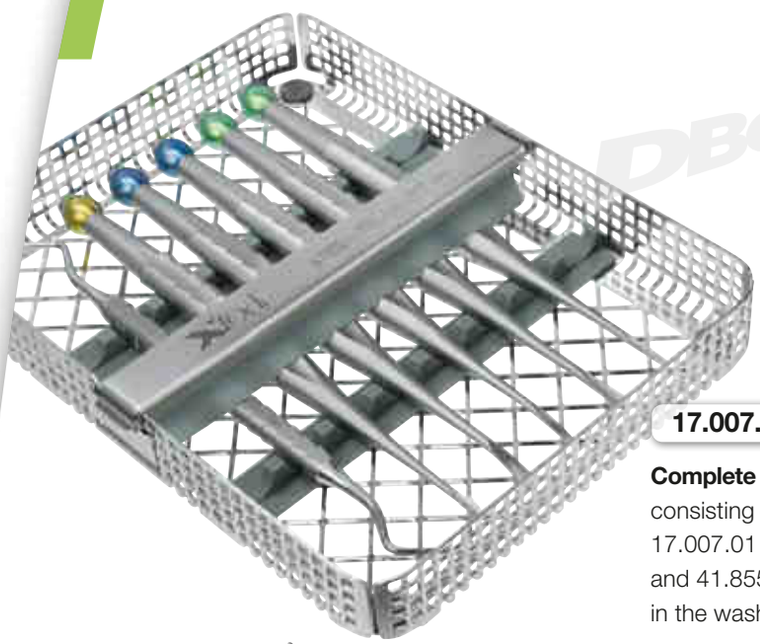
The new H-Tools developed by Dr. Hildebrand are a continuation of the successful X-Tool concept.
The instrument tips are very flat and sharp pointed.
The instruments are inserted along the root axis and the alveolar cavity is widened by advancing the H-Tool apically along the root of the tooth to be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

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

Content: H-Tool Set

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





17.007.00

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

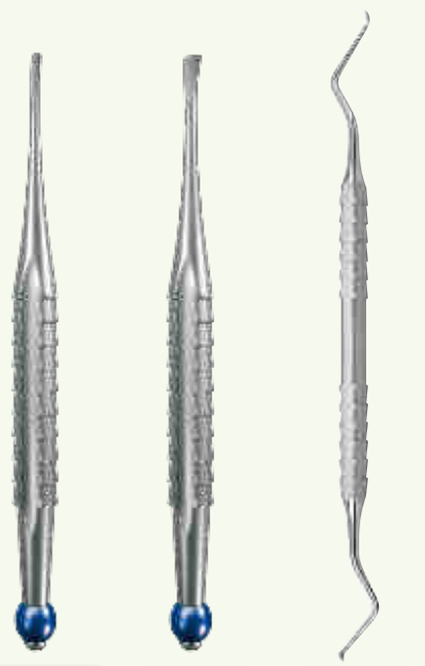
ZEPF-Xtod-Tray

DBGM acc. to Dr. Detlef Hildebrand

“Extraction in its most pleasant way”

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

17.007.05 straight
17.007.02 straight
17.007.01 straight



17.007.03 curved
17.007.04 curved
41.855.01Z curved

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

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

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

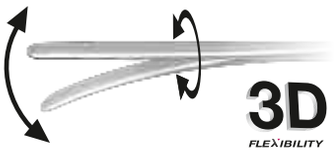
- **X-Luxa-Tool-1 (green):**
straight + narrow:
A delicate and controlled power transmission guarantees a specific loosening and luxation of the tooth without any risk of crown or root fractures.
Ideal position: approximal (mesial or distal) to the tooth which is to be extracted.

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

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

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

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 Periotome

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

26.690.01 Power Periotome, P1 XL, purple

26.690.02 Power Periotome, P2 XL, mesial, blue

26.690.03 Power Periotome, P3 XL, distal, green

Ergonomical and heavy

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

26.182.01

P1, straight, Ø 2.5 mm, 2.5 x 17.8 mm

26.182.02

P2, straight, Ø 2.5 mm, 1.7 x 14 mm

26.182.03

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

26.182.04

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

26.182.00 Periotome Handle

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

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

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

41.834.11 **Hemingway Sharp Spoon**, double-ended, exchangeable, stainless steel, **ZEPF**-Line

ZEPF-Line 2 in 1 Periotomes

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

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

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

ZEPF-Line Periotomes

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

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

26.182.11 **ZEPF**-Line, exchangeable

26.182.12 **ZEPF**-Line, exchangeable

26.182.13 **ZEPF**-Line, exchangeable

Root Elevators

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

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

The Workmanship

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

Bein
(B) 17.001.01
(S) 17.001.11

Bein
(B) 17.001.02
(S) 17.001.12

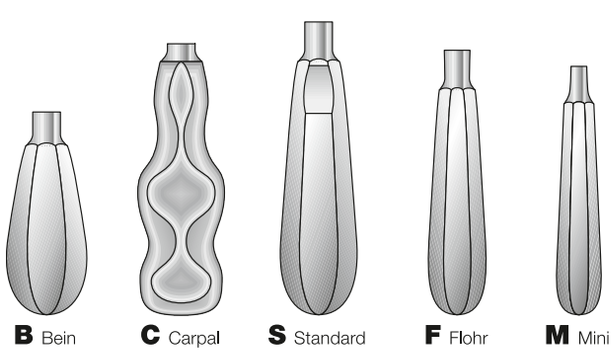
Bein
(B) 17.001.03
(S) 17.001.13

Bein
(B) 17.001.00
(S) 17.001.10

The Handle Versions

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

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

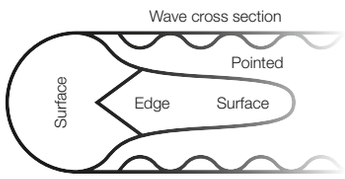


Gärtner
(B) 17.013.00

Gärtner
(B) 17.013.01

Gärtner
(B) 17.013.02

Modified Root Elevator Beck

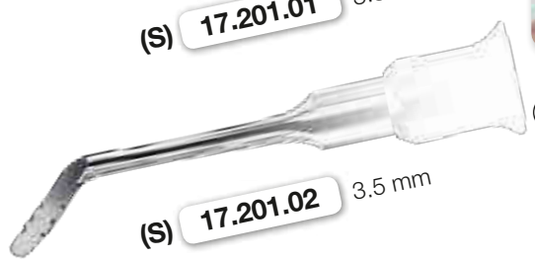


(S) 17.200.01 2.8 mm

(S) 17.200.02 3.5 mm

(S) 17.200.03 4.0 mm

(S) 17.201.01 3.5 mm


(S) 17.201.02 3.5 mm

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

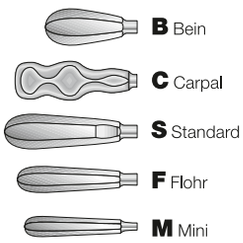
This makes the Beck Root Elevator much more effective.

Instructions

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

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

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



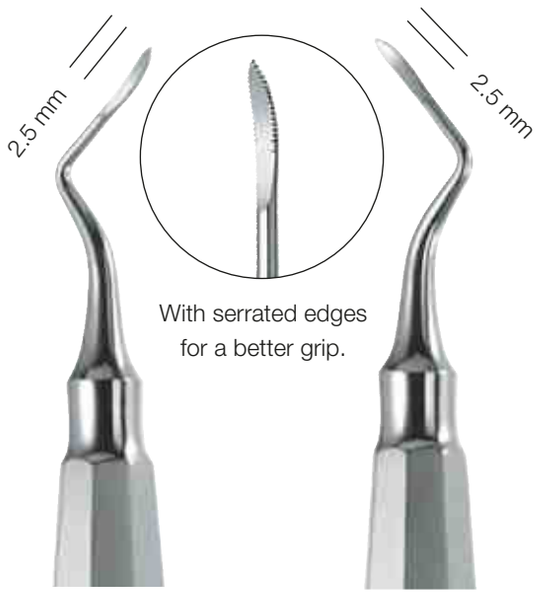
Heidbrink Root-Splinter Elevators

All-purpose instruments for gently extracting root splinters.

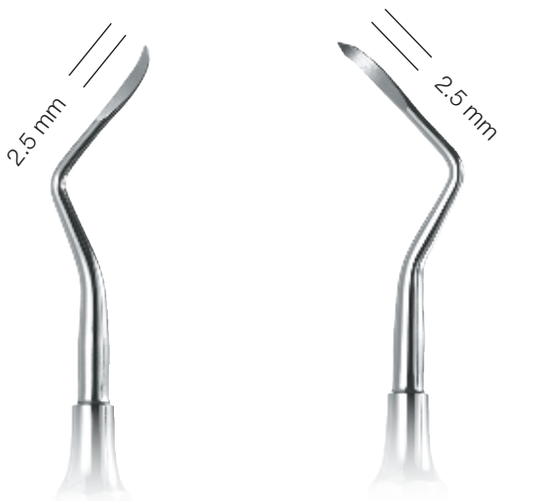
Straight (without picture):

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

Angled:



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



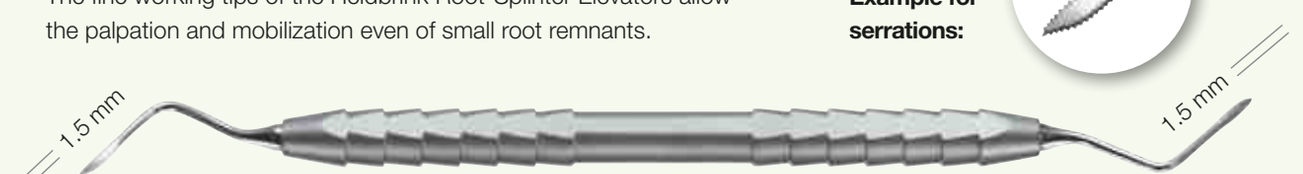
(M) **17.051.02**
(S) **17.052.02**

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

ZEPF-Line Heidbrink Root-Splinter Elevators

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

Example for serrations:

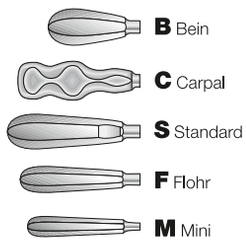


17.055.01 **Heidbrink**
17.056.01 **Heidbrink, serrated**

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

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

Root Elevator No. 195



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

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

Picture:
Courtesy of Dr. Florian Steck

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

Lindo-Levien Root Elevators

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

4.0 mm

(S) **17.395.01** # LLL

3.5 mm

(S) **17.395.02** # LLM

3.0 mm

(S) **17.395.03** # LLS

4.0 mm

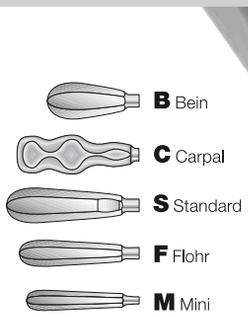
(S) **17.396.01** # LLLC

3.5 mm

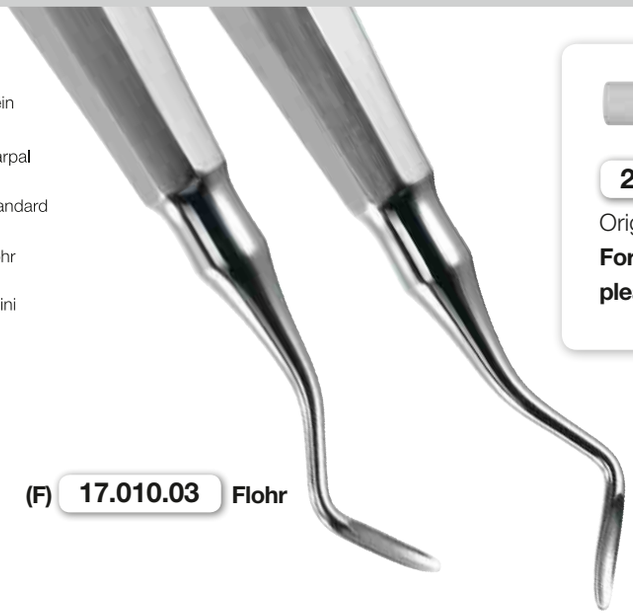
(S) **17.396.02** # LLMC

3.0 mm

(S) **17.396.03** # LLSC



24.923.10
Original Arkansas Stone
For further information, please refer to page 03-33!



(F) **17.010.03** **Flohr**

(F) **17.010.02** **Flohr**

Seldin
(S) **17.100.35**

Seldin
(S) **17.100.46**

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

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

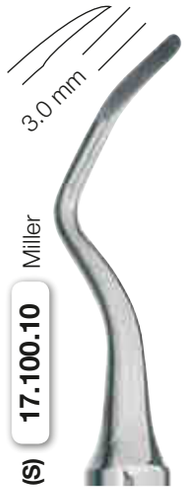
(S) **17.100.62**
(B) **17.101.62**

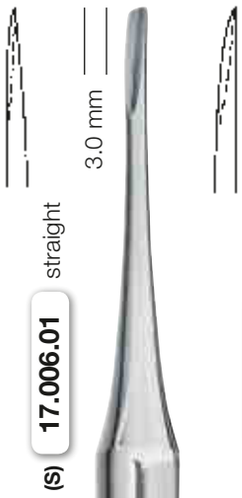
(S) **17.100.57**

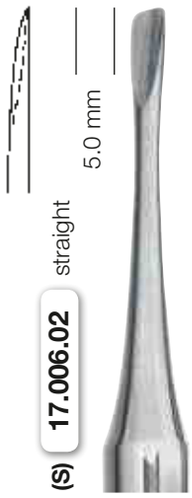
Elevators for axial luxation

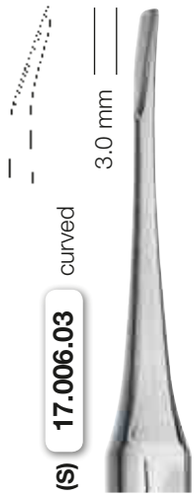
These elevators for axial luxation have been developed as an alternative to classic elevators. The instrument must not be used as a lever.

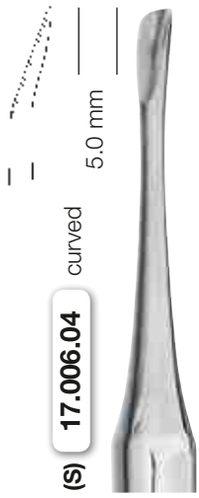
Furthermore the gentle removal of the teeth should be reached by **axial luxation** and cutting the Sharpey's fibres.

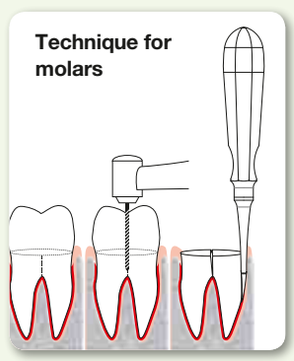




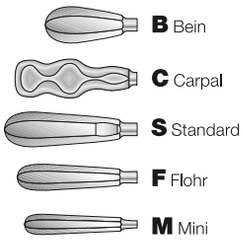








Gärtner and Hylin Root Elevators



B Bein
C Carpal
S Standard
F Flohr
M Mini

Gärtner 12.5 cm
(B) **17.014.00**

Gärtner 12.5 cm
(B) **17.014.01**

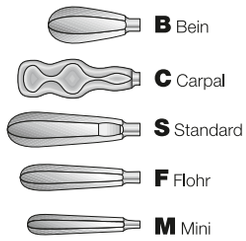
Gärtner 12.5 cm
(B) **17.014.02**

Hylin
17.020.01

Hylin
17.020.02

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

Apical Root Elevators

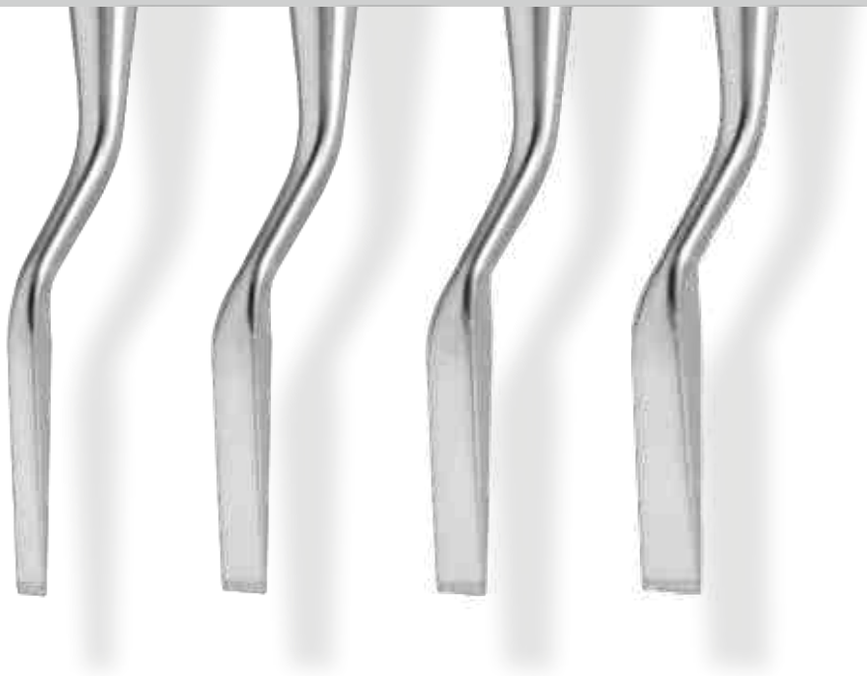


(S) **17.301.00** (S) **17.304.00** (S) **17.302.00** (S) **17.303.00**

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

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

Revolving Chisel Vienna Pattern



41.541.02WM bajonet, 2 mm, # 2 B

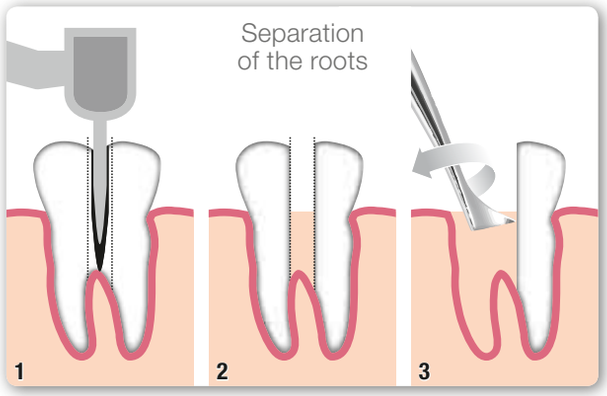
41.541.03WM bajonet, 3 mm, # 3 B

41.541.04WM bajonet, 4 mm, # 4 B

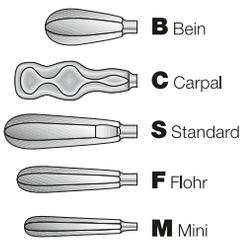
41.541.05WM bajonet, 5 mm, # 5 B

Root Elevators Cryer and Winter

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



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



(S) **17.100.39**
Cryer

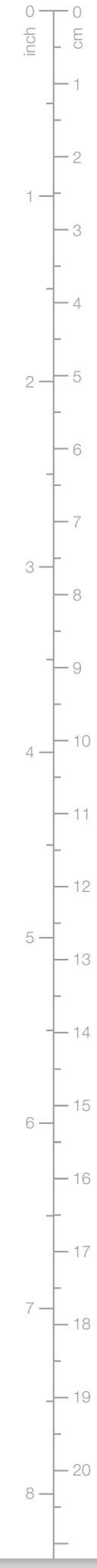
(S) **17.100.40**
Cryer

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

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

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

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



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HELMUT ZEPF Oral Surgery and Maxillofacial Instruments

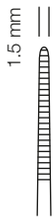
This chapter for Cranio-Maxillo-Facial Surgery includes all instruments required for reconstruction of traumata, diseases, bone fractures, malformations and deformations of the teeth, the oral cavity and for the jaw as well as the face.

The **ZEPF** Forceps

22.200.15

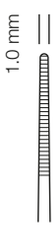
Standard

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



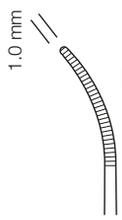
Standard, fine

22.230.13	13 cm
22.230.14	14.5 cm



Semken-Taylor

22.278.12	12.5 cm
22.278.15	15 cm



Semken-Taylor, curved

22.279.15	15 cm

Suture Forceps

22.106.01	15.5 cm

1.7 mm

De Bakey

50.226.16	modif. 16 cm

1.9 mm

De Bakey

50.229.16	modif. 16 cm

Atraumatic Tissue Forceps acc. to Dentist Beck

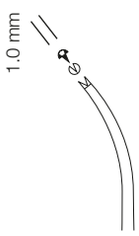
22.824.17 17.5 cm

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

Semken

22.480.12 12.5 cm

22.480.15 15 cm



Semken, 30° curved

22.481.12 12.5 cm

22.481.15 15 cm

Tissue Forceps, fine, 1 x 2 teeth

22.408.11 11.5 cm

22.408.13 13 cm

22.408.14 14.5 cm

22.408.16 16 cm

22.408.20 20 cm

Tissue Forceps, standard, 1 x 2 teeth

22.400.13 13 cm

22.400.14 14.5 cm

1.0 mm

Micro-Adson

22.272.15 15 cm

1.0 mm

Micro-Adson

22.488.12 12 cm, 1 x 2 teeth

22.488.15 15 cm, 1 x 2 teeth

0.6 mm

Micro-Adson

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

22.489.01 15 cm, anatomical, fine spring

1.0 mm

Micro-Adson

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

2.0 mm

Potts Smith

22.450.18 18 cm, 1 x 2 teeth

2.0 mm

Gerald

22.430.17 17.5 cm, 1 x 2 teeth

2.5 mm

Gillies

22.416.15 15 cm, 1 x 2 teeth

1.5 mm

Adson

22.270.12 12 cm

2.0 mm

Adson

22.310.12 12 cm, TC

22.310.15 15 cm, TC

1.0 mm

Adson

22.486.12 12 cm

22.486.15 15 cm

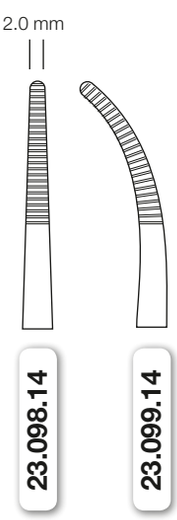
1.5 mm

Adson

22.488.20 15 cm

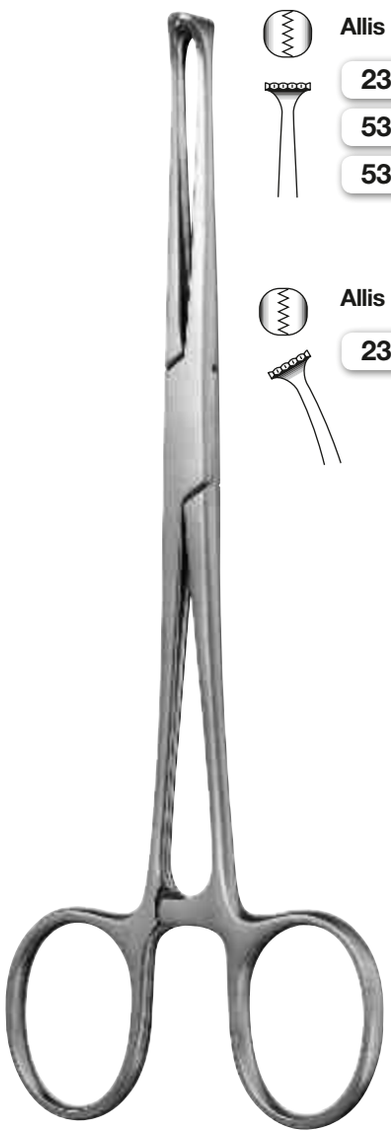
Backhaus

23.709.11 11 cm



23.098.14

23.099.14



Allis 5 x 6 teeth

23.782.15 15 cm

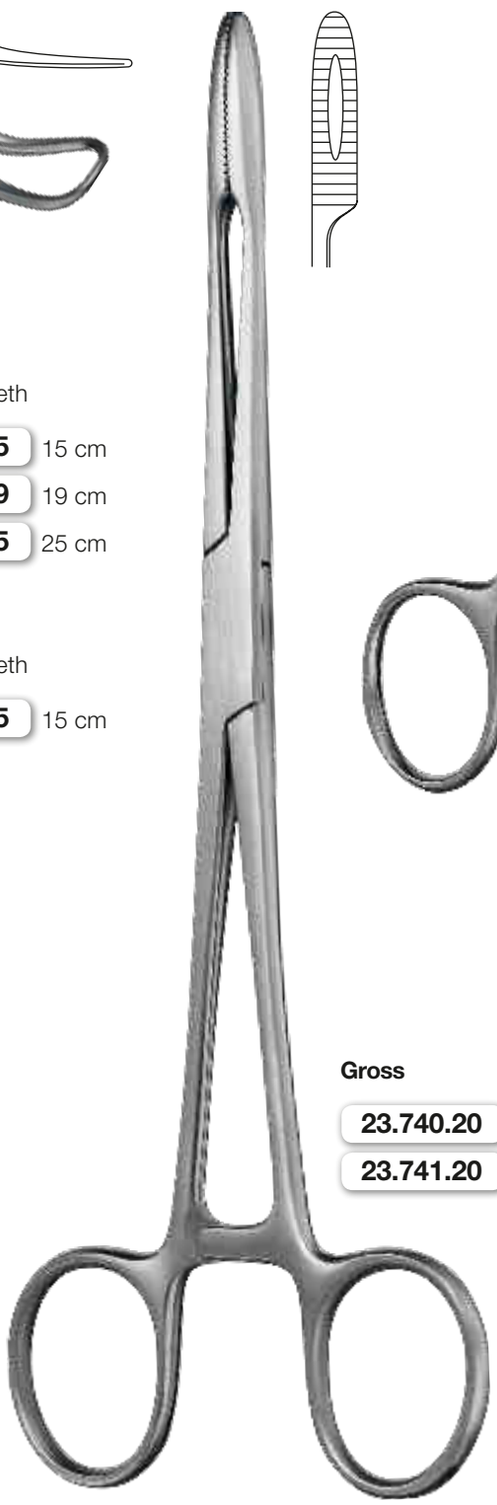
53.034.19 19 cm

53.034.25 25 cm

Allis 5 x 6 teeth

23.781.15 15 cm

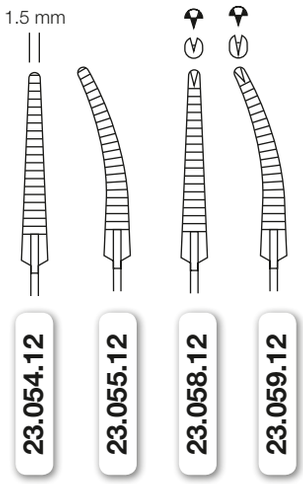
Kelly 14 cm



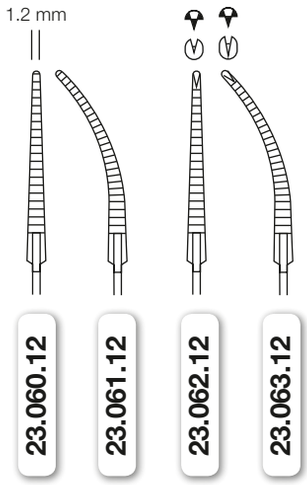
Gross

23.740.20 20 cm, straight

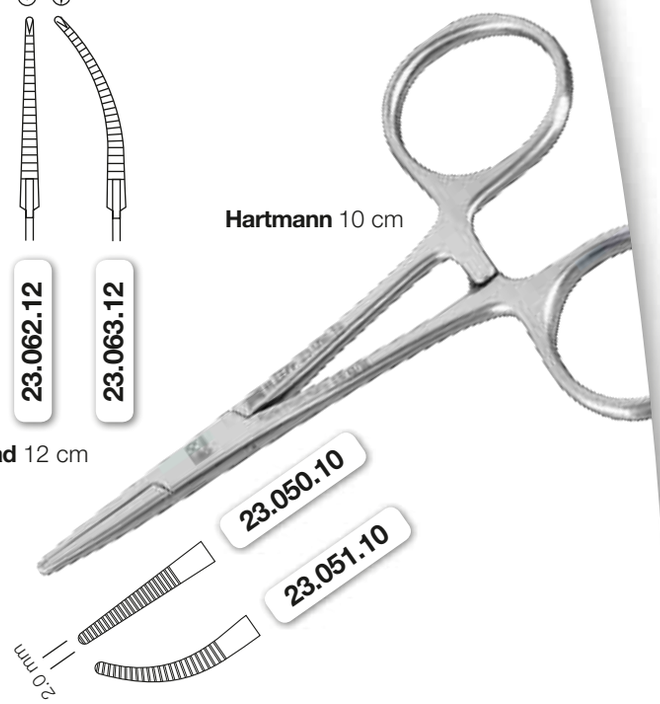
23.741.20 20 cm, curved



Halstead-Mosquito 12.5 cm



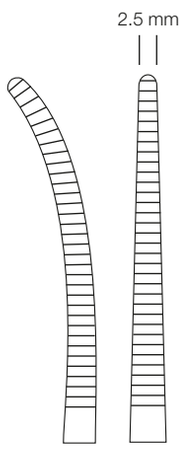
Micro-Halstead 12 cm



Hartmann 10 cm

23.050.10

23.051.10

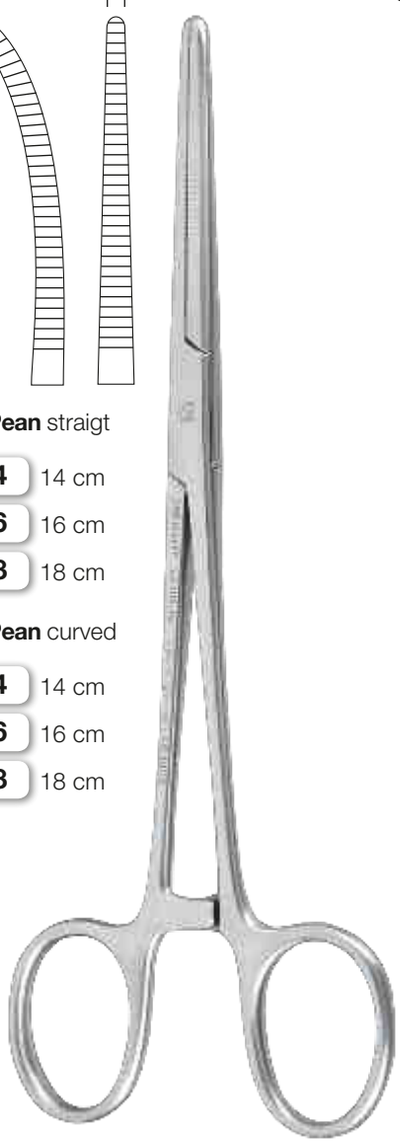


Rochester-Pean straigt

23.106.14	14 cm
23.106.16	16 cm
23.106.18	18 cm

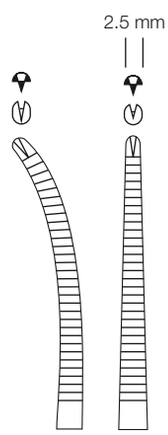
Rochester-Pean curved

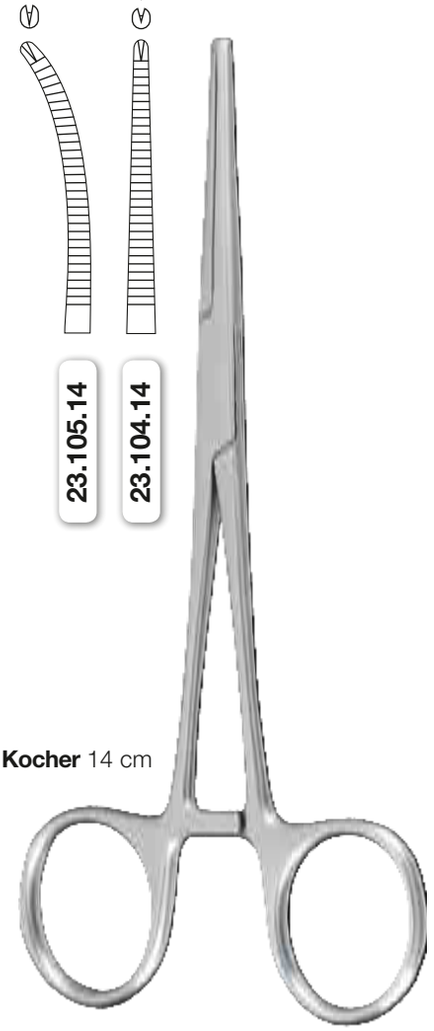
23.107.14	14 cm
23.107.16	16 cm
23.107.18	18 cm



Jones

23.705.09 9 cm





Kocher 14 cm

The **ZEPF** Retractor

pat. pend. by Dr. Peter Müller, Ebersbach

37.443.00 Retractor acc. to Dr. Peter Müller

Clear, non-tiring retraction in every situation

Retraction of the cheek, lips, tongue and mucoperiosteal flap. The **ZEPF** Retractor is a “quality product from Tuttlingen” and bears the name **HELMUT ZEPF** as seal of quality.

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

37.445.01 **Hilger**
Retractor, for all Mouth Mirror Handles Ø 2.5 mm

24.089.02 Mouth Mirror Handle, ergonomic, hollow, stainless steel

Silicone Mouth Gag

37.258.40 small

37.258.43 big

Langenbeck

37.351.02 # 2, Finger Protector, chromium-plated, not stainless

Cawood-Minnesota
mod. by Dr. Müller

37.437.17 16.5 cm

Cawood-Minnesota

37.437.15 15.5 cm

Vestibulum Retractor

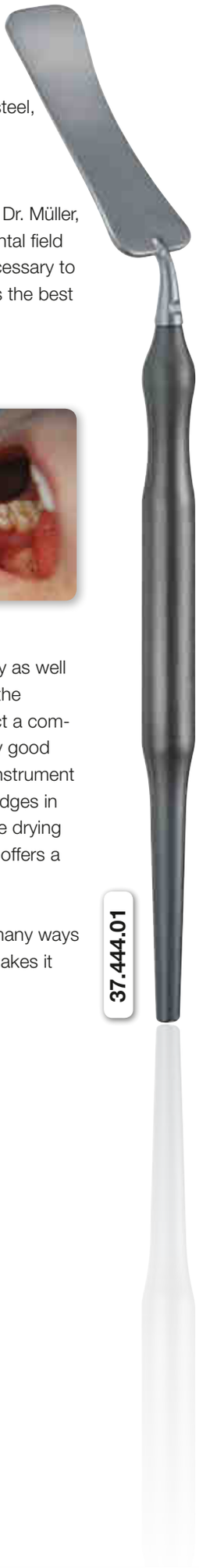
acc. to Dr. Müller, Tuttlingen

Working end made of stainless steel,
handle M 4.5 mm,
Dr. Ti, made of titanium.

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

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

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



37.444.01

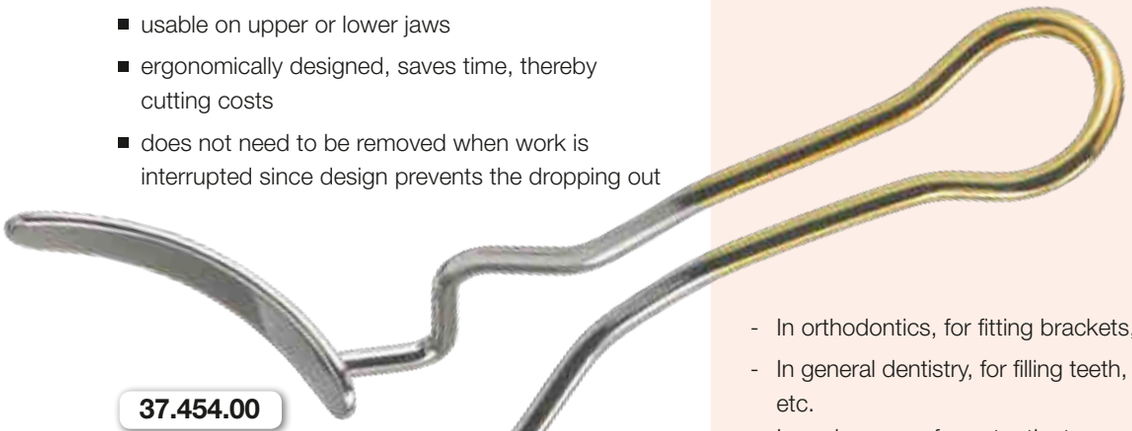
Special features of the Maty Cheek and Lip Rectractors:

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

Maty Cheek and Lip Retractor

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

In prosthodontics, for safe impression technique, determining upper / lower jaw mismatches, fitting crowns, bridges, inlays, etc



37.454.00

Maty Cheek and Lip Rectractor, 17.5 cm

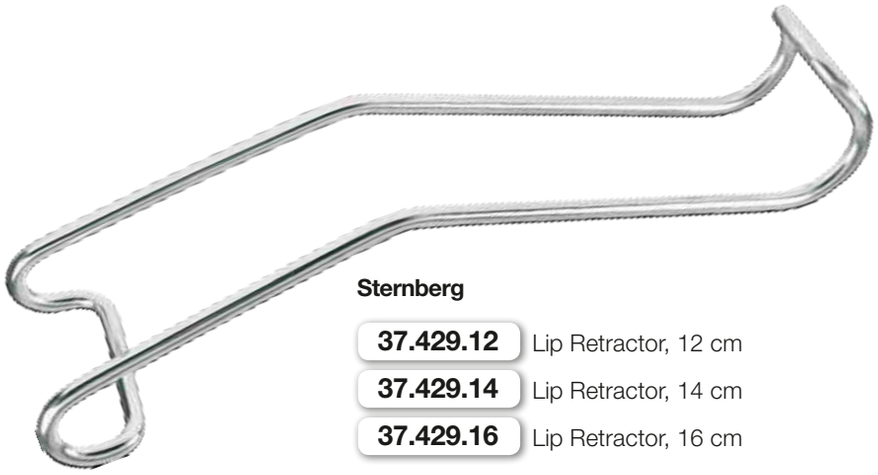
- In orthodontics, for fitting brackets, etc.
- In general dentistry, for filling teeth, root-canal work, etc.
- In oral surgery, for outpatient surgery (apicoectomy, osteotomy, tumor and bone surgery, etc.), preprosthodontic surgery, traumatology, implantology (enossal implants, sinus lifting, GBR techniques, etc.)

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

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

37.454.02

Maty Cheek and Lip Rectractor for children



Sternberg

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

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.

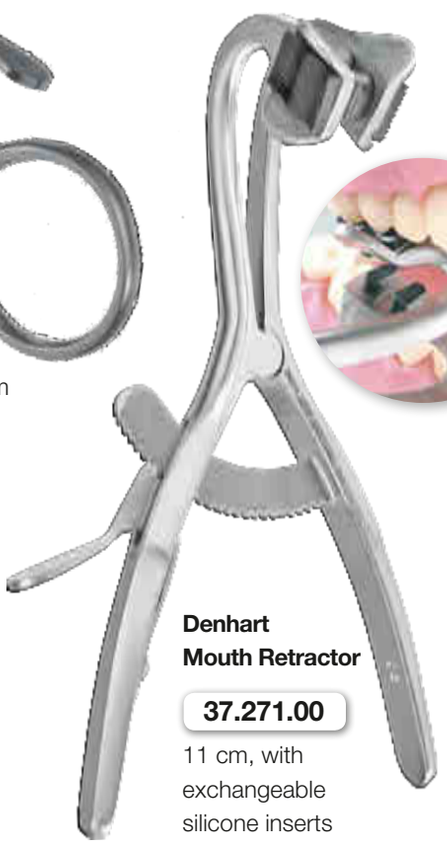
37.446.04
Retractor acc. to Kim, flat, 45° angled, 10.5 mm wide

Rowe Disimpaction Forceps 24 cm

60.150.24 left variant
60.151.24 right variant

Molt Mouth Props

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



Denhart Mouth Retractor

37.271.00
11 cm, with exchangeable silicone inserts

19.270.50
Replacement Inserts for Denhart Mouth Retractor (1 pair)

38.452.00 **Bowdler-Henry´s**

Rake Retractor for impacted lower wisdoms

38.465.15 **Obwegeser**

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

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

38.467.08 8 mm

38.467.10 10 mm

Wieder Tongue Depressor

37.426.01 # 1, small

37.426.02 # 2, big

38.471.15 **Tessier** 15 cm
Mobilization Hook, left

38.473.15 **Tessier** 15 cm
Mobilization Hook, right

Middeldorpf Retractor, 20 cm
37.441.01 15 x 15 mm
37.441.02 20 x 22 mm

Senn-Miller Retractor, 16 cm
38.076.16 3 prongs, sharp
38.078.16 3 prongs, blunt

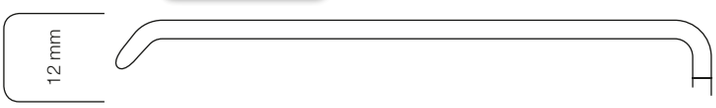
Ragnell-Davis Retractor
38.074.14 8 x 4 and 15 x 5 mm

Kocher-Langenbeck

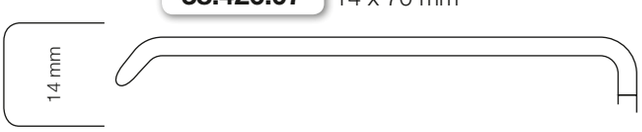
Retractor, 21.5 cm

38.426.09 16 x 80 mm

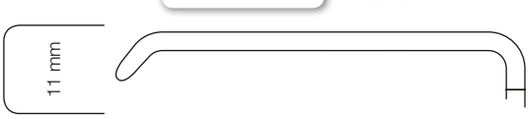
38.426.08 12 x 80 mm



38.426.07 14 x 70 mm

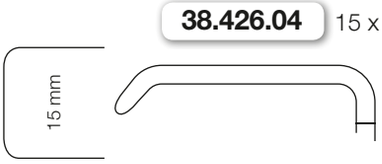


38.426.06 11 x 55 mm



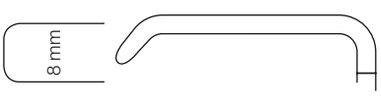
38.426.05 11 x 40 mm

38.426.04 15 x 35 mm



38.426.03 11 x 35 mm

38.426.02 8 x 35 mm



38.426.01 6 x 25 mm

Langenbeck

Retractor, 21 cm

Combined Retractor and Cheek Retractor

by Schäfer

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

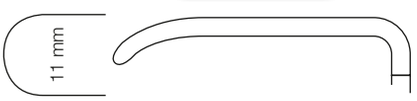
Schäfer Retractor and Cheek Retractor

37.440.00 23 cm

38.430.06 13 x 42 mm

38.430.05 11 x 50 mm

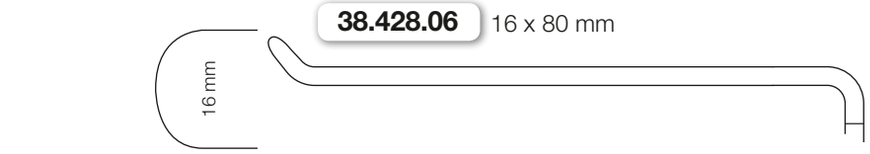
38.430.04 11 x 40 mm



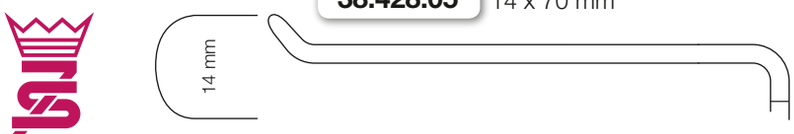
38.430.03 16 x 30 mm

Obwegeser

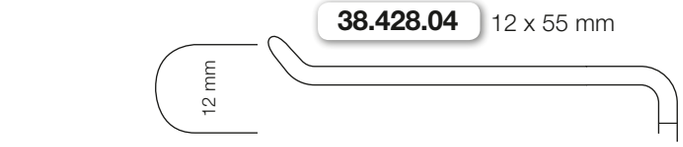
Soft Tissue Hook, curved, 22 cm



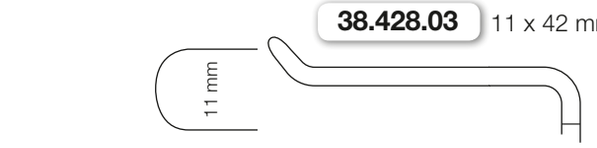
38.428.06 16 x 80 mm



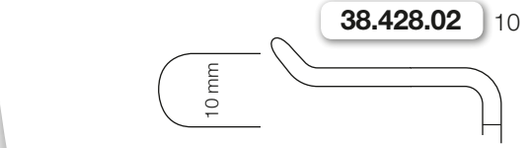
38.428.05 14 x 70 mm



38.428.04 12 x 55 mm



38.428.03 11 x 42 mm



38.428.02 10 x 31 mm

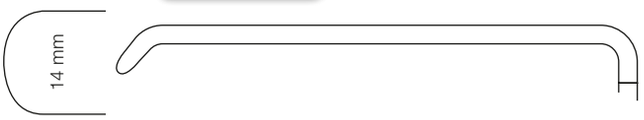
38.428.22 **Ramus**
Retractor, 11 x 70 mm, 22 cm

Obwegeser

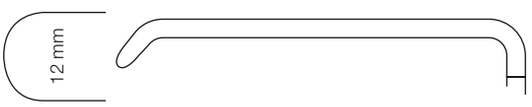
Retractor, curved, concave blade, 22 cm

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

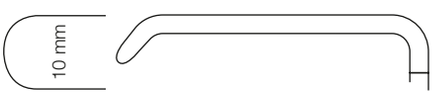
38.438.06 14 x 70 mm



38.438.05 12 x 55 mm



38.438.04 10 x 42 mm



Laster Special Retractor

Special retractor for upper impacted wisdom teeth

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

scale 2:1
micro serration

37.438.15

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

ZEPF Vestibulum Retractor

acc. to Kapogianni

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

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

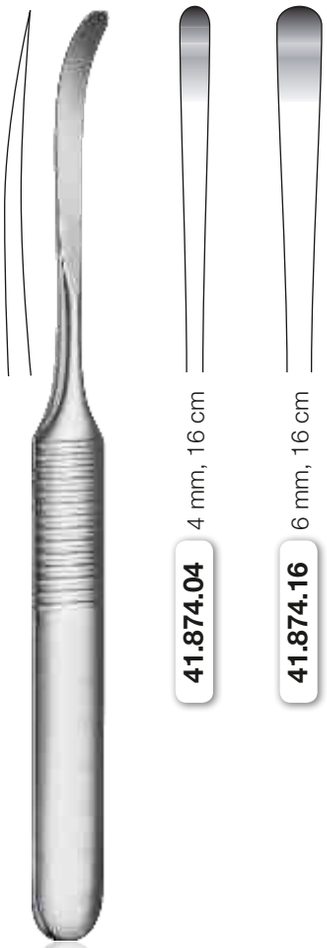
This instrument is of great advantage especially during operations like the direct sinus lift, big augmentative interventions or other operations in the area from the cuspid to the rear lateral teeth.

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

38.448.50

Vestibulum Retractor
by Kapogianni, to retract the prepared mucoperiosteal flap

Williger Raspatories



41.874.04 4 mm, 16 cm

41.874.16 6 mm, 16 cm

Elevators

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

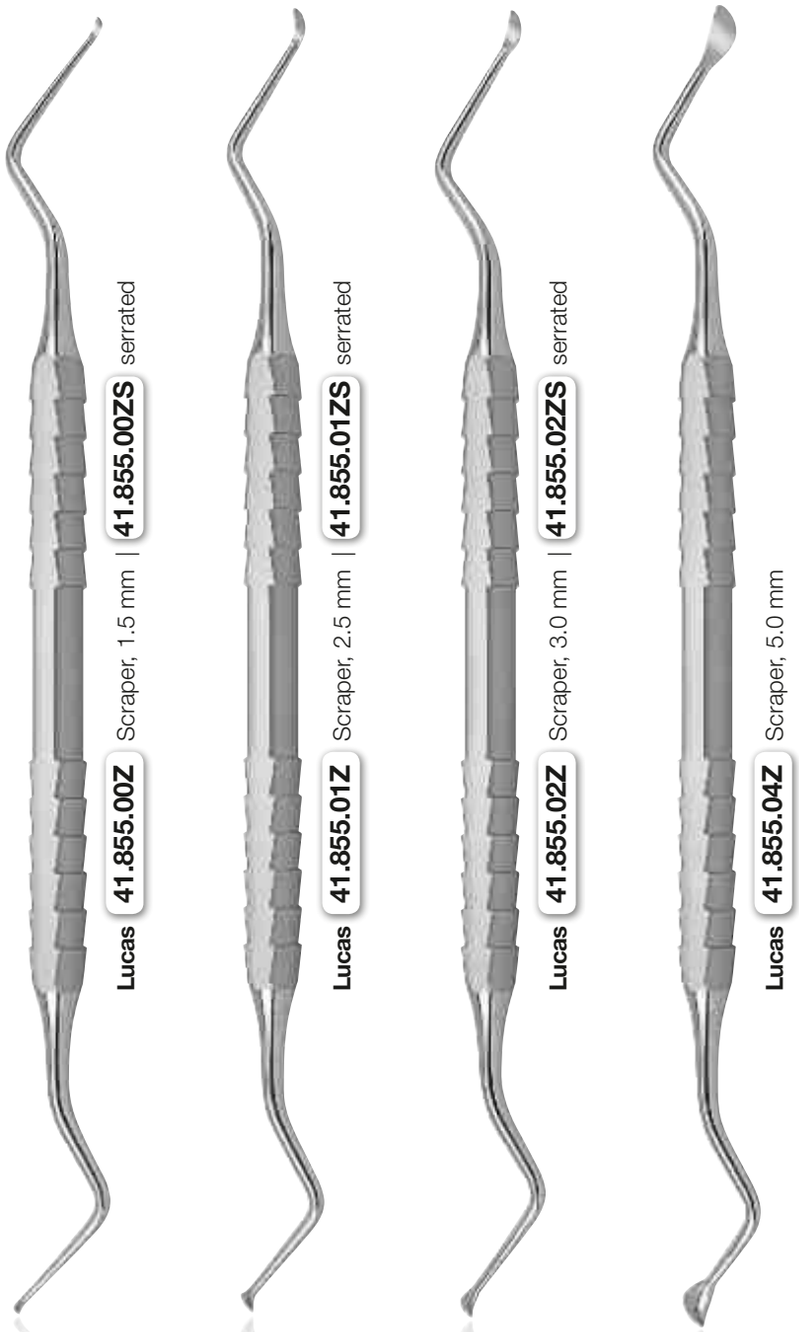
Freer **41.864.02** Elevator, # 2, 5.5 mm, 20 cm

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

Lucas Scraper double-ended, 17.5 cm

Version Z
non-serrated

Version ZS
serrated



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

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

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

Lucas **41.855.04Z** Scraper, 5.0 mm

Hemingway
Sharp Spoon

Hemingway
Sharp Spoon,
16.5 cm

41.845.11
11, 2.5 mm

41.845.22
22, 3.0 mm

41.845.33
33, 3.5 mm

ZEPF -Raspatories

Perfectly done.

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

4.0 mm

Molt **41.862.11** Raspatory, # 1, 17.5 cm

7.5 mm

2.5 mm

Molt **41.862.12** Raspatory, # 2, 17.5 cm

4.0 mm

4.6 mm

Molt **41.862.13** Raspatory, # 3, 17.5 cm

7.0 mm

2.6 mm

41.864.13 Raspatory, **ZEPF**-Line

2.6 mm

2.0 mm

41.864.60 Raspatory, **ZEPF**-Line

2.0 mm

Prichard

An arrester and raspatory, all in one.

Usable in all types of periodontic surgery, osteotomy, or root-tip resections. Its sharp, rounded tip is used for preparing papilla / loose tissue for excision. In periodontic treatments, its blunt tip allows arresting several flaps of loose tissue simultaneously. The curvature of its blunt tip makes it also a popular choice for osteotomies in the molar area (8-area), as well as for mirror raspas, since its contacting surfaces are highly polished. Lingual surfaces may be very easily reached.

Prichard **41.878.11** Raspatory, PPR3, Retractor straight, 17.5 cm

Prichard **41.878.12** Raspatory, PPR3, Retractor 30° angled, right

Prichard **41.878.13** Raspatory, PPR3, Retractor 30° angled, left

Prichard

41.878.14

Retractor, left / right combination, 30° angled, double-ended, 17.5 cm

Glickmann

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

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

Combination-Instruments

Spiculum Raspatory and
round Periosteal Elevator, 17.5 cm

41.864.30

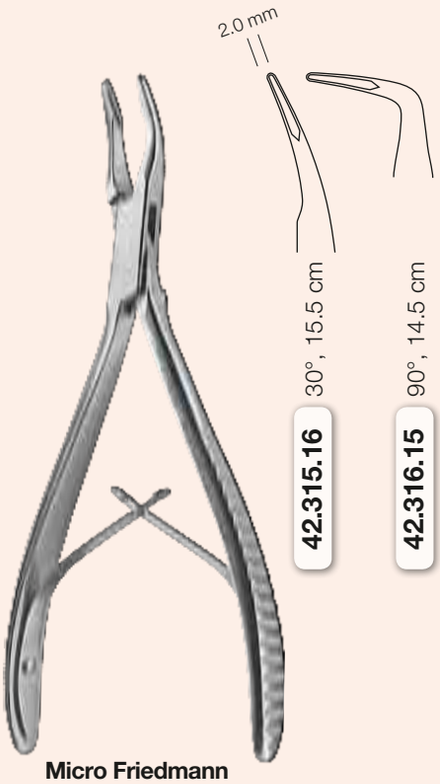
41.864.40

41.864.50 curved

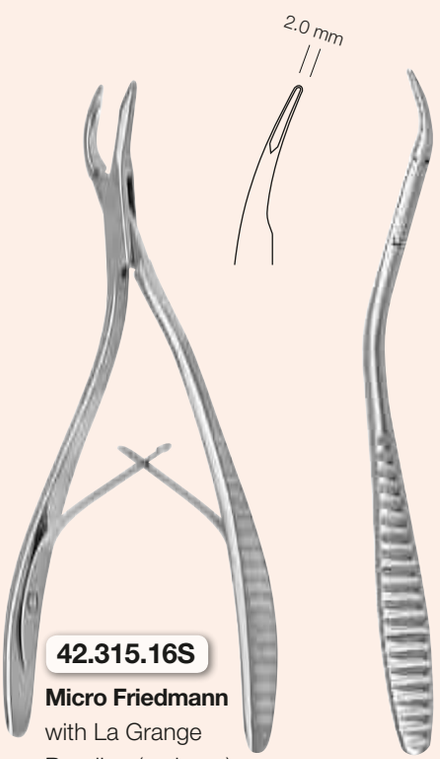
41.862.14 Raspatory combination, **ZEPF**-Line, with drill hole to place pins in the membrane

Micro Friedmann

Micro Bone Rongeur Forceps

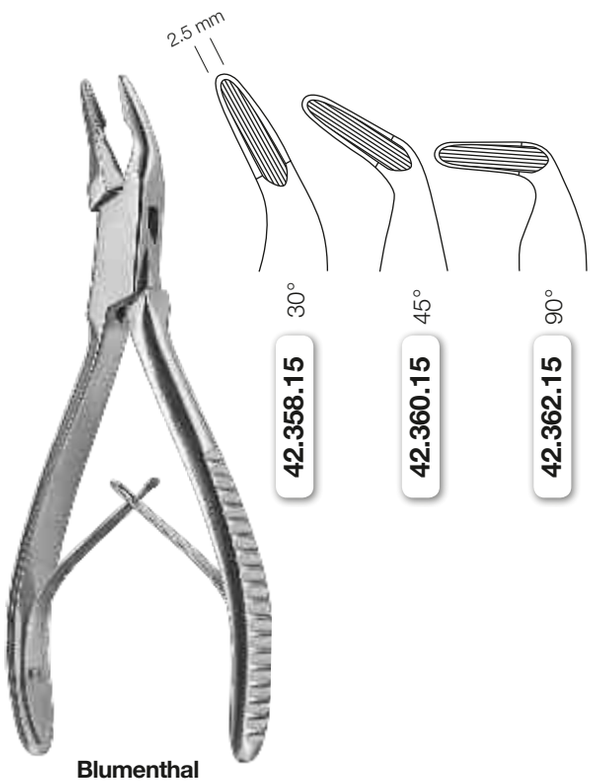


Micro Friedmann
Bone Rongeur Forceps

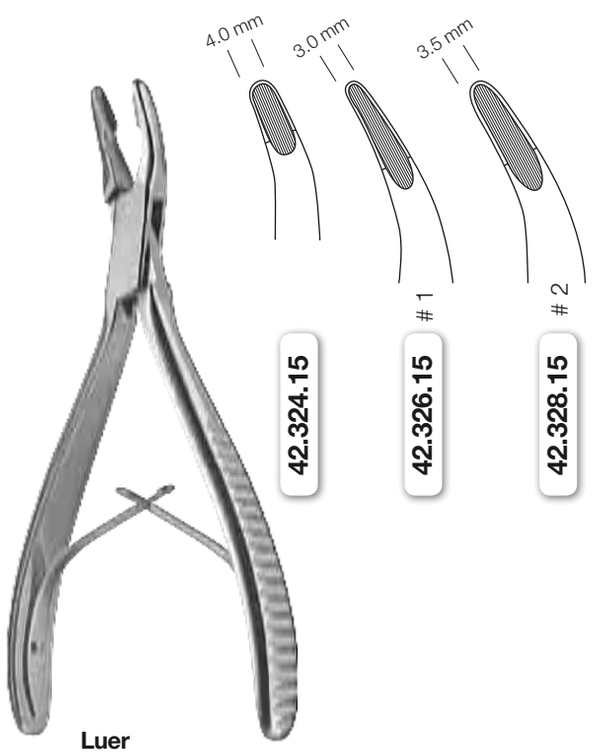


42.315.16S
Micro Friedmann
with La Grange
Bending (s-shape)
30°, 15.5 cm

Bone Rongeur Forceps

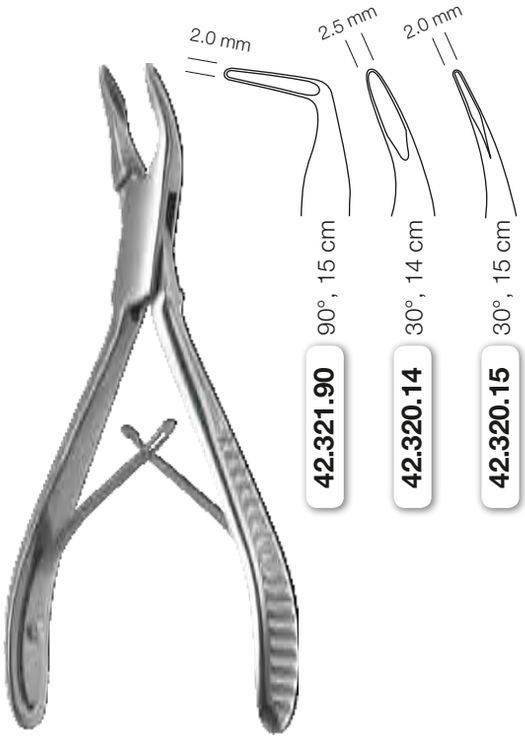


Blumenthal
Bone Rongeur Forceps, 15.5 cm



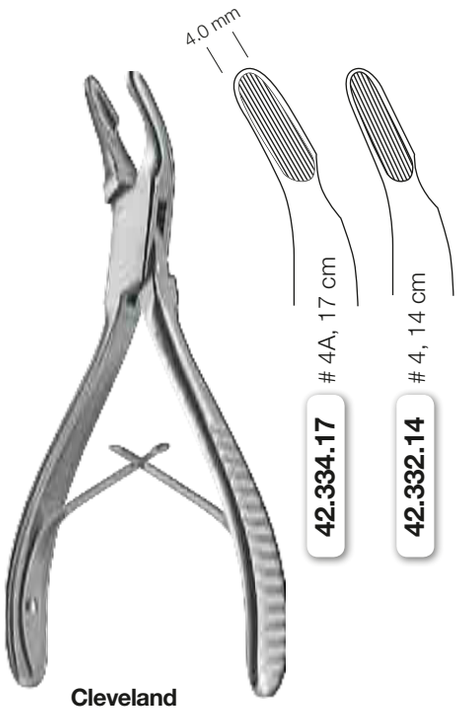
Luer
Bone Rongeur Forceps, 15 cm

Bone Rongeur Forceps



Mini Friedmann
Bone Rongeur Forceps

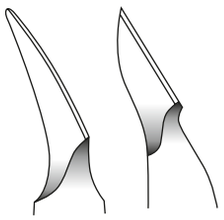
Beyer 18 cm
Bone Rongeur Forceps,
double action



Cleveland
Bone Rongeur Forceps

Zaufal-Jansen 18 cm
Bone Rongeur Forceps,
double action

Bone Cutting Forceps



5, 16.5 cm — **42.404.16**

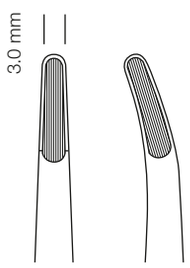
5S, 14 cm — **42.406.14**

Cleveland
Bone Cutting Forceps

straight — **42.620.18**

curved — **42.621.18**

Ruskin-Liston 18.5 cm
Bone Cutting Forceps, double action



42.646.15

42.647.15

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

Controlled dropping of the blade

ZEPF Blade Holder Drop-Control

The **ZEPF** Drop-Control® Blade Holder combines the design of the regular blade holder 46.007.00 with a new and revolutionary function.
With reference to the mechanism of a ball pen, the blade will be dropped off by pushing the button at the end.

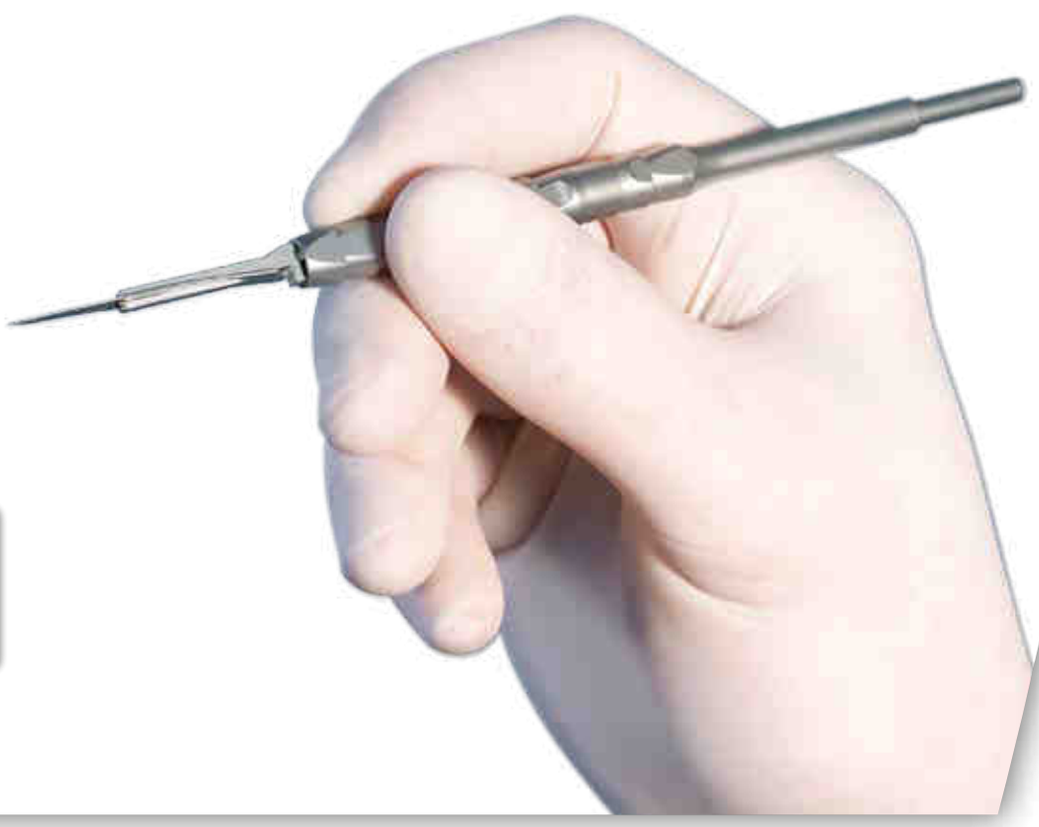
The object of this development was a simplified application with the same diameter of the blade holder. Therefore there is no need to adapt to a new application / ergonomics for our regular blade holder! The **ZEPF** 'Drop-Control®' Blade Holder perfectly fits into our **ZEPF** Design product range for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

Drop-Control



Scalpel Blades

Supplied in packs of 100 pieces, sterile

# 10	# 11	# 12	# 12d	# 15	# 15c
46.014.10*	**46.014.11***	**46.014.12***	**46.014.12D***	**46.014.15***	**46.014.15C***

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

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

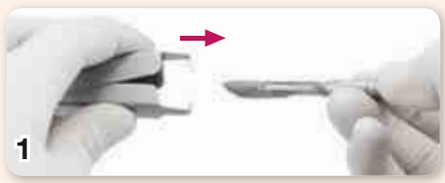
46.007.40 Parallel Blade Holder, **ZEPF**-Line, distance 1.5 mm

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

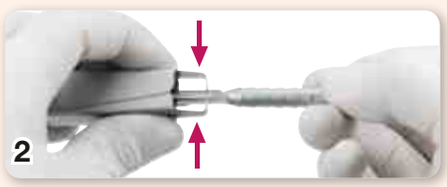
Safety Blade Remover

46.005.65

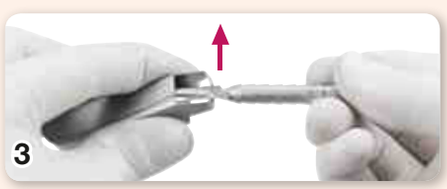
This practical tool allows safe replacing of scalpel blades.



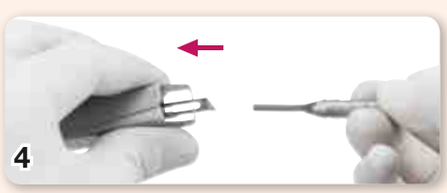
Place the blade remover



Press the blade remover



Lever the blade upwards

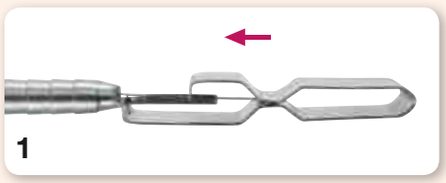


Pull the blade forward and throw it in a containment

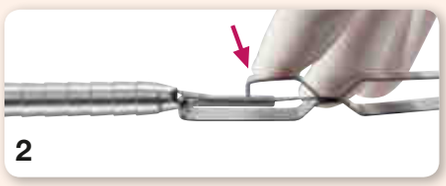
Klingex

46.005.70

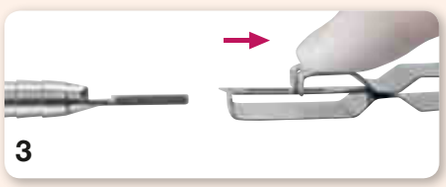
Safety Blade Remover



Place the blade



Lift the blade by pressing



Pull the blade forward

Micro Surgical Scalpel Blades

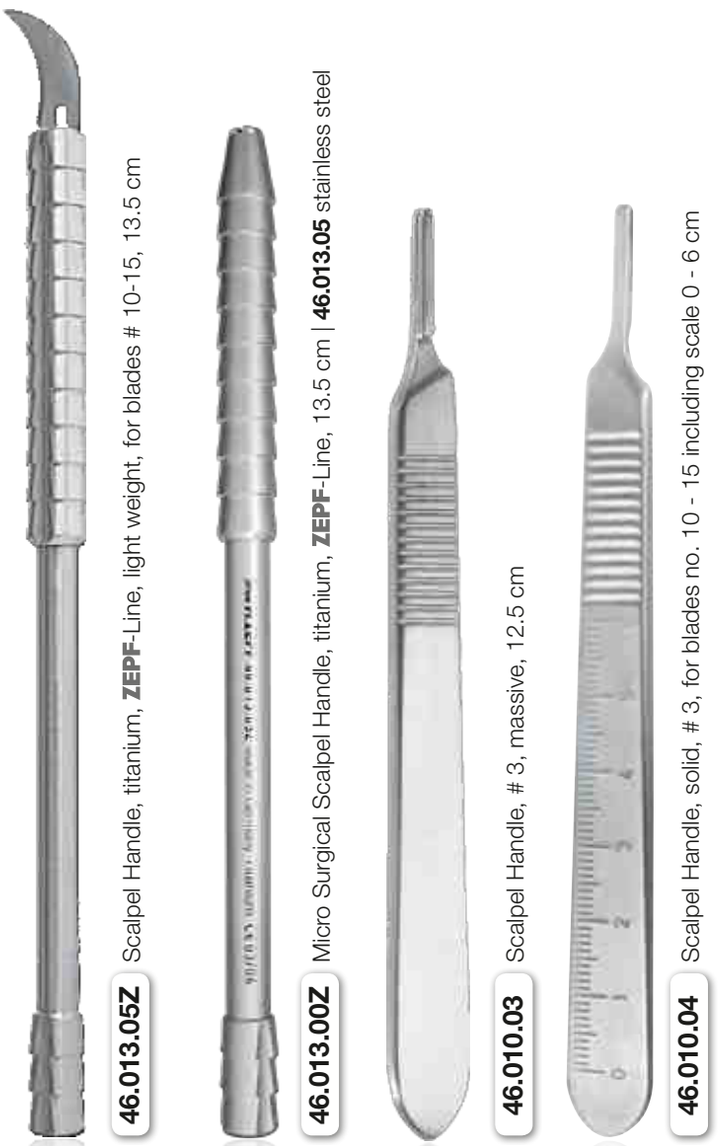
Supplied in packs of 25 pieces, sterile

63 **46.016.03***

64 **46.016.04***

67 **46.016.07***

69 **46.016.09***



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

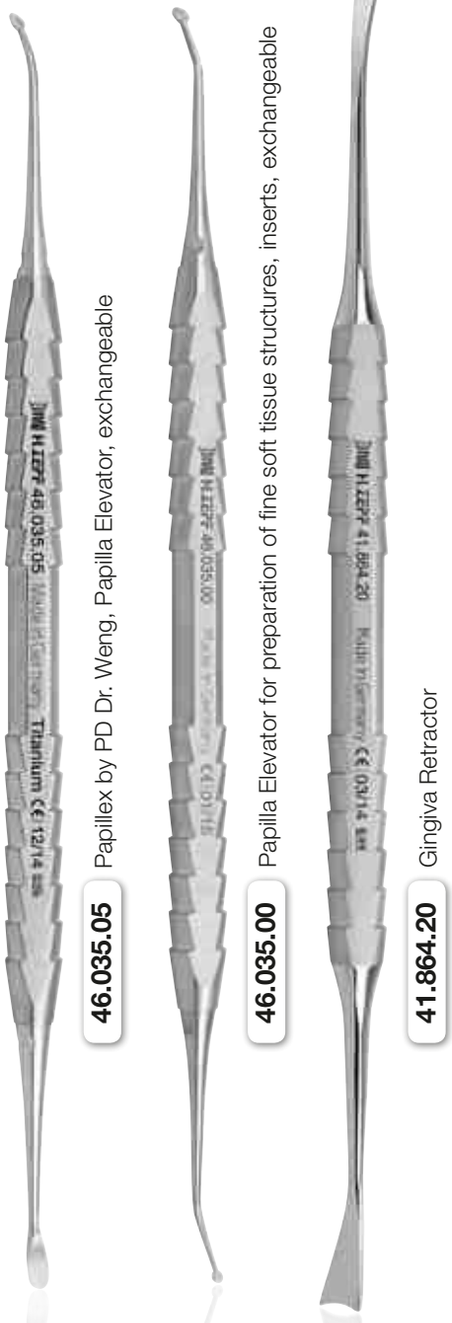
46.013.00Z Micro Surgical Scalpel Handle, titanium, **ZEPF**-Line, 13.5 cm | **46.013.05** stainless steel

46.010.03 Scalpel Handle, # 3, massive, 12.5 cm

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

ZEPF-Line Instruments

acc. to PD Dr. Weng, 17.5 cm

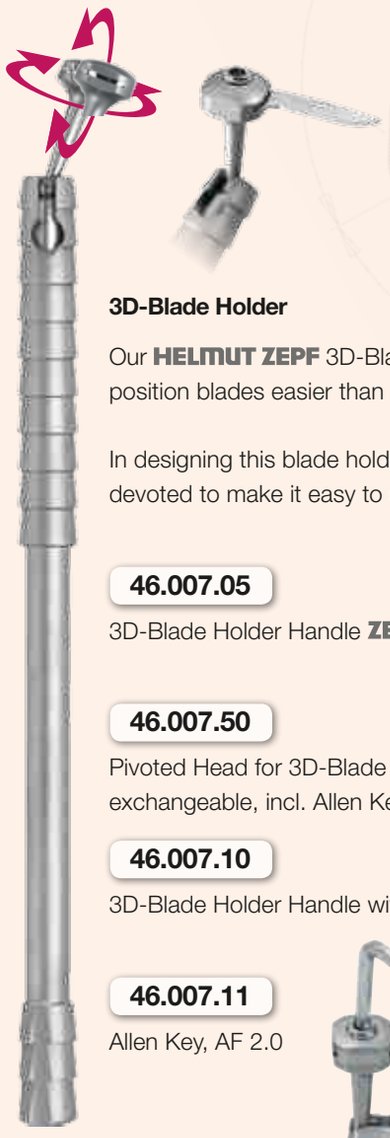


46.035.05 Papillex by PD Dr. Weng, Papilla Elevator, exchangeable

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

41.864.20 Gingiva Retractor

ZEPF 3D-Blade Holder



3D-Blade Holder

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

In designing this blade holder, particular attention was devoted to make it easy to use, clean and sterilize.

46.007.05

3D-Blade Holder Handle **ZEPF**-Line, 12.5 cm

46.007.50

Pivoted Head for 3D-Blade Holder, exchangeable, incl. Allen Key, AF 2.0

46.007.10

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

46.007.11

Allen Key, AF 2.0

Attachments acc. to Dr. Hildebrand, Berlin

Blade Holder

46.007.20

for standard blades # 10-15

Gingiva Retractor

46.007.30

small

46.007.31

big

ZEPF Onyx Scissors

onyx

The Onyx coating offers a 3-5 times higher surface hardness compared to traditional scissors. In combination with the “Supercut” grinding (see page 06-32), this guarantees an extremely long product life and application with very high precision and wear resistance.

The extraordinary surface smoothness is leading to an easy slide of the scissor blades even under highest strain. Due to the physical / chemical combination of the coating, no undesirable reaction will be caused during sterilization or usage of solvents. Furthermore, the anti-glare surface avoids disturbing light reflections.

The article numbers are complemented by **TISC**. For further information on the illustrated scissors, please refer to the following pages.

46.201.13TISC

46.051.11TISC

46.081.16TISC

46.431.14TISC

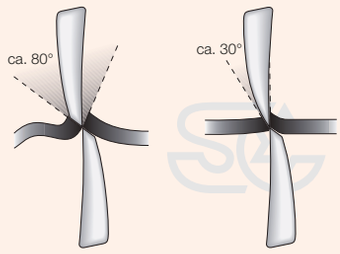
46.057.11TISC

What is SC?

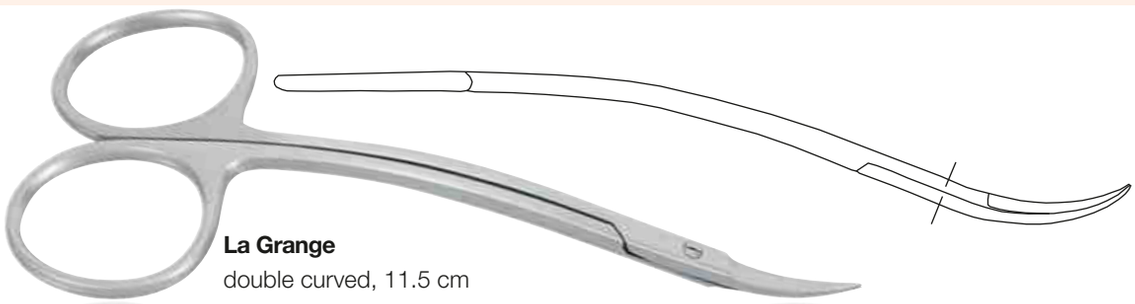
SC stands for “Supercut” and means that scissors with that designation have been specially ground, not only to make them sharper than ordinary scissors, but to yield a much better cutting angle (cf. the accompanying illustrations). One ring is golden.

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.



Standard Scissors **Supercut**

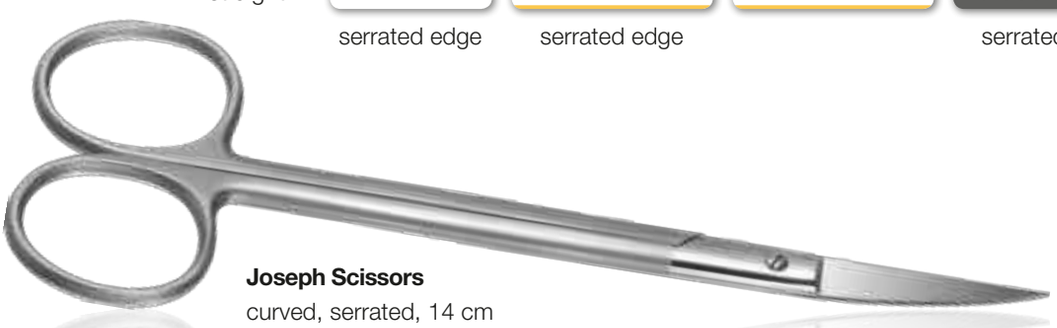


La Grange
double curved, 11.5 cm

46.057.11	46.057.11SC	46.057.11TISC
serrated edge	serrated edge	serrated edge

Iris Scissors
extra large rings, 11.5 cm

curved:	46.051.11	46.051.11SC	46.051.11TC	46.051.11TISC
straight:	46.050.11	46.050.11SC	46.050.11TC	46.050.11TISC
	serrated edge	serrated edge		serrated edge



Joseph Scissors
curved, serrated, 14 cm

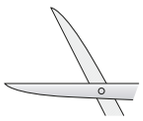
46.081.16	46.081.16SC	46.081.16TISC
serrated edge	serrated edge	serrated edge

Fine Preparation Scissors

The curved blunt Preparation Scissors are used for preparation in the least traumatic way of separating tissue into connective tissue layers.

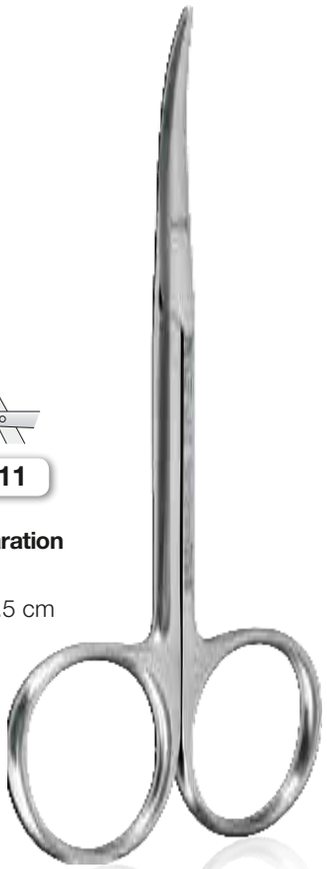
The surgeon pushes the scissor parallel to the skin or to the level of the layers which should be separated (picture 2), opens the scissor and pulls it back in an opened position.
The tissue layers are separated by spreading movements of the scissor blades and the required layer is opened (picture 3).
The tip of the scissor is usually facing the less sensitive structures.

In the second instance the scissor is used for cutting.



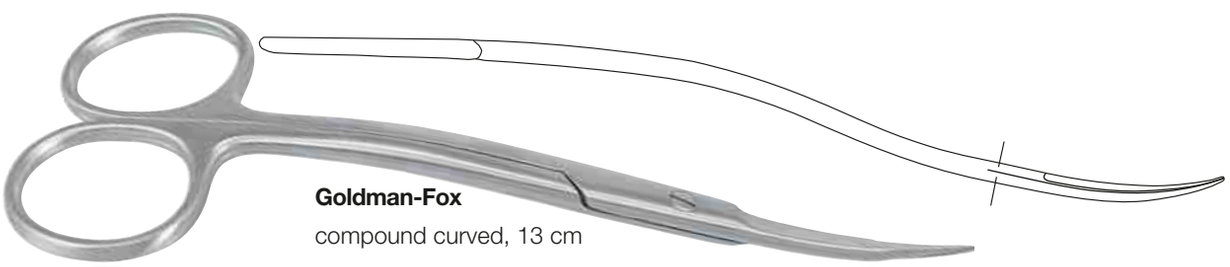
46.069.11

Fine Preparation Scissors
curved, 11.5 cm



Goldman-Fox
curved, 13 cm

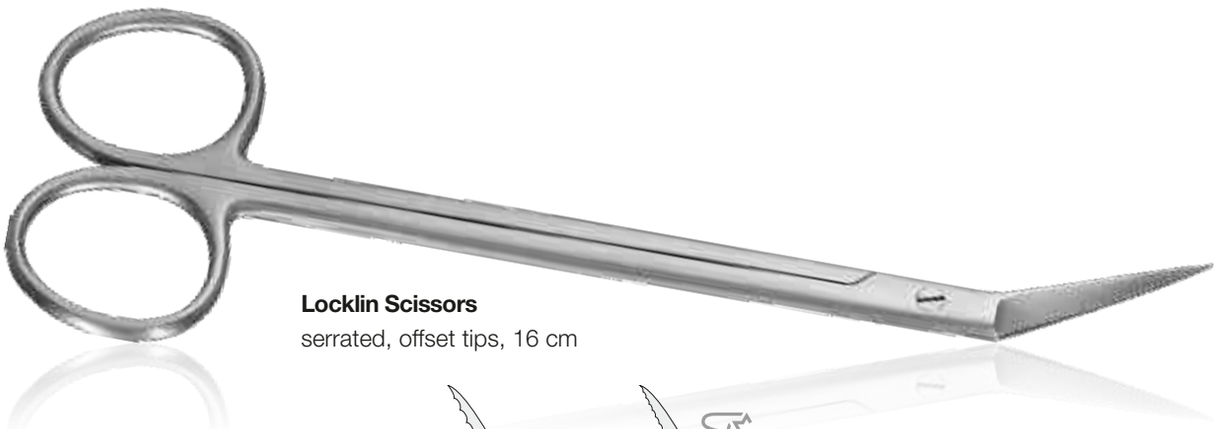
curved:	**46.201.13**	**46.201.13SC**	**46.201.13TC**	**46.201.13TISC**
straight:	**46.200.13**	**46.200.13SC**	**46.200.13TC**	**46.200.13TISC**
	serrated edge	serrated edge		serrated edge



Goldman-Fox
compound curved, 13 cm

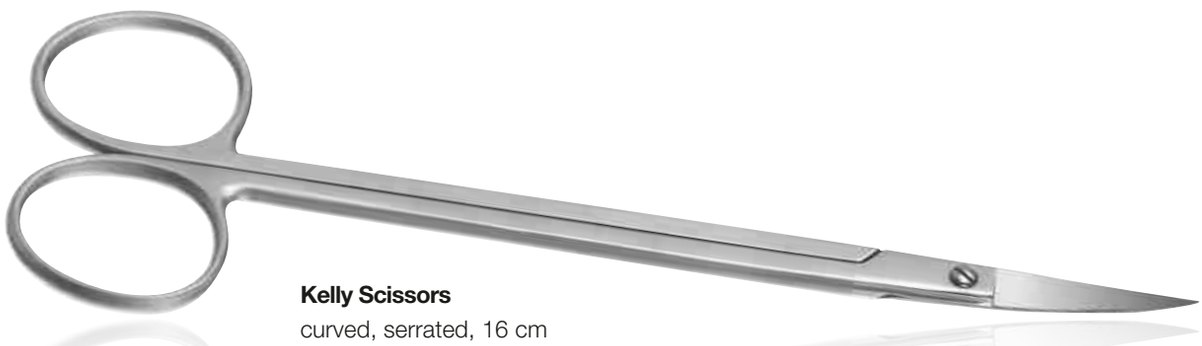
46.207.13	**46.207.13SC**
serrated edge	serrated edge

Scissors



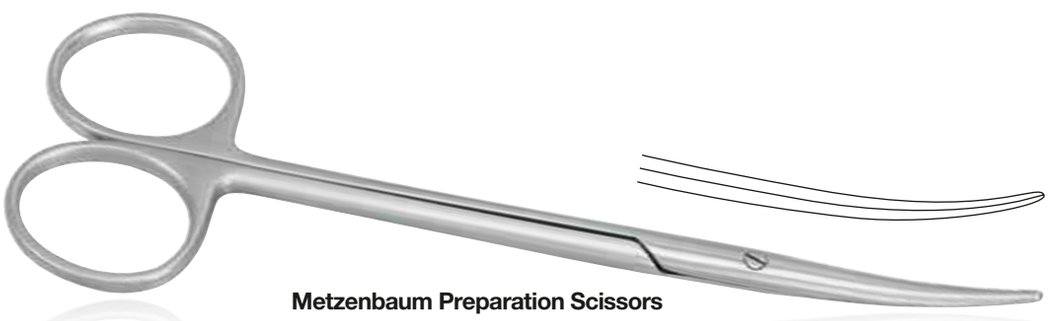
Locklin Scissors
serrated, offset tips, 16 cm

46.111.16	46.111.16SC
serrated edge	serrated edge



Kelly Scissors
curved, serrated, 16 cm

46.077.16	46.077.16SC	46.077.16TC	46.077.16TISC
serrated edge	serrated edge		serrated edge



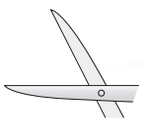
Metzenbaum Preparation Scissors
1, blunt / blunt, curved, 14 cm

46.431.14	46.431.14SC	46.431.14TISC
serrated edge	serrated edge	serrated edge

Tower Point Scissors
tapered tips, curved, 12 cm

46.221.12

Metzenbaum-Fino
blunt/blunt, round, 14.5 cm



straight: **46.516.14**

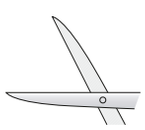
curved: **46.517.14**

Spencer
Ligature Scissors

9 cm: **46.640.09**

13 cm: **46.640.13**

Dean
Howard Müller, 17 cm



46.121.17

46.123.17
serrated edge

46.123.17SC
serrated edge

46.123.17TC
serrated edge

46.123.17TISC
serrated edge

Surgical Scissors
2, straight, blunt / blunt

13 cm: **46.402.13**

14.5 cm: **46.402.14**

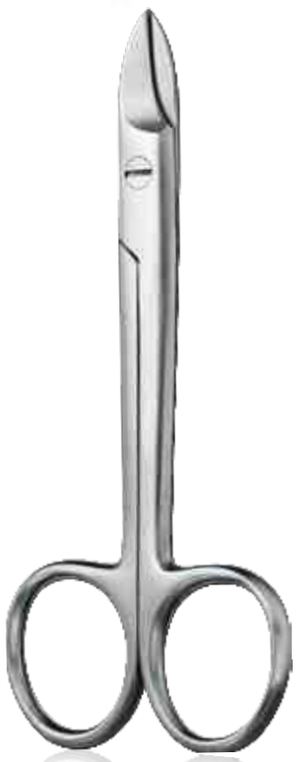
Surgical Scissors
3, straight, pointed / pointed

13 cm: **46.404.13**

14.5 cm: **46.404.14**

Universal Crown Scissors
12 cm

46.685.12 **46.885.12TC**



Beebee
Crown Scissors,
straight, pointed, 10 cm

46.674.10

Beebee
Crown Scissors,
curved, pointed, 10 cm

46.675.10

Needle Holder

Lichtenberg
The inside of the blades of our Lichtenberg Needle Holders is especially constructed with a scooped-out design to reduce weight to a miniumum. This also improves the balance.

Lichtenberg-Ryder 3/0 - 4/0
straight, with detent and latching mechanism

17 cm: **41.318.17TC**

17 cm: **41.317.17TC**

Mathieu 2/0 - 4/0
straight with TC

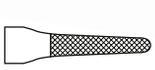
14 cm: **41.310.14TC**
17 cm: **41.310.17TC**

Mathieu 3/0 - 4/0
straight without TC

14 cm: **41.262.14**
17 cm: **41.262.17**

14 cm: **41.264.14**
17 cm: **41.264.17**

Langenbeck-Ryder 2/0 - 4/0
straight, TC, suture slot

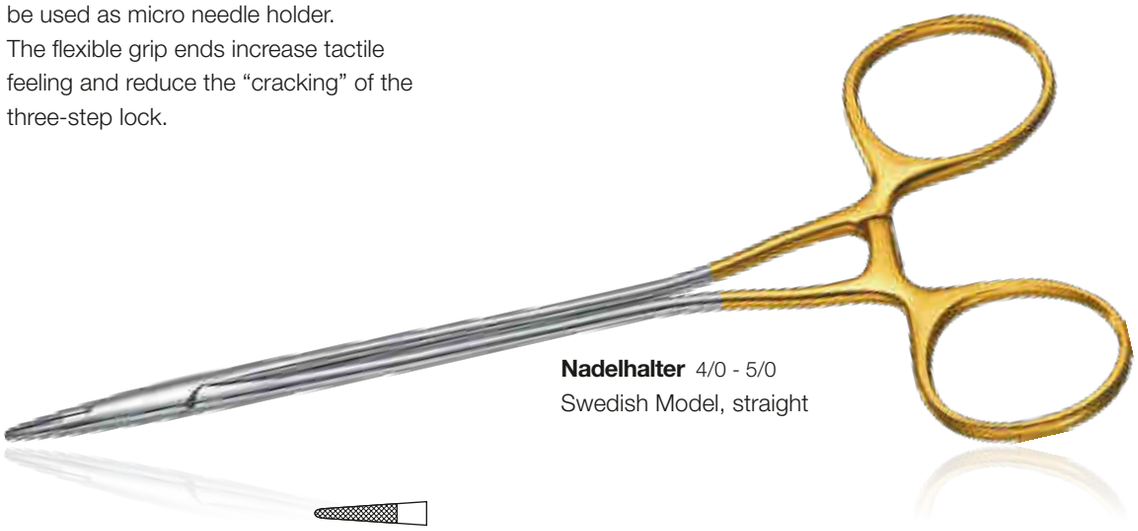


16 cm: **41.368.16**
18 cm: **41.368.18**

Needle Holder

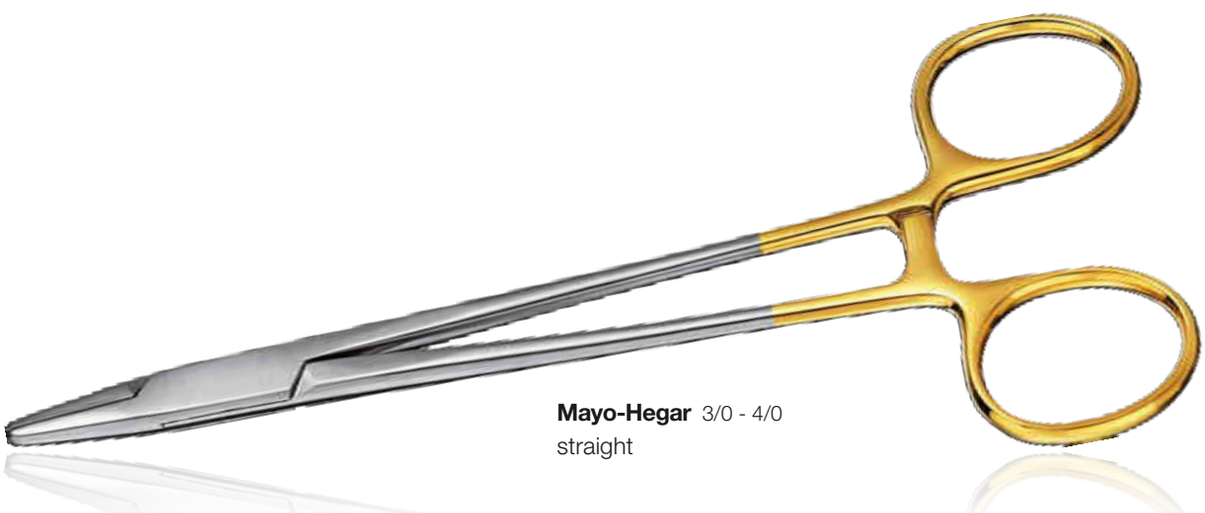
Swedish Model

A very fine needle holder which can also be used as micro needle holder.
The flexible grip ends increase tactile feeling and reduce the “cracking” of the three-step lock.



Nadelhalter 4/0 - 5/0
Swedish Model, straight

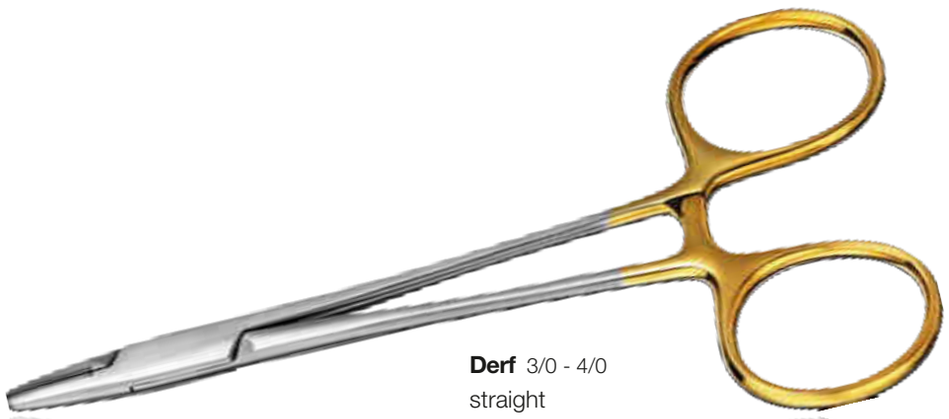
15 cm: **41.246.15TC**



Mayo-Hegar 3/0 - 4/0
straight

14 cm: **41.258.14TC**
16 cm: **41.258.16TC**
18 cm: **41.258.18TC**

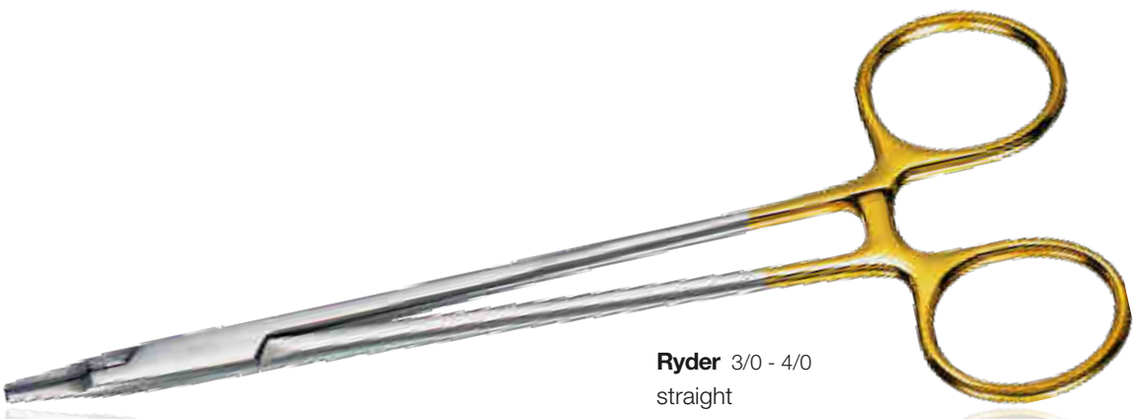
14 cm: **41.256.14**
16 cm: **41.256.16**
18 cm: **41.256.18**



Derf 3/0 - 4/0
straight

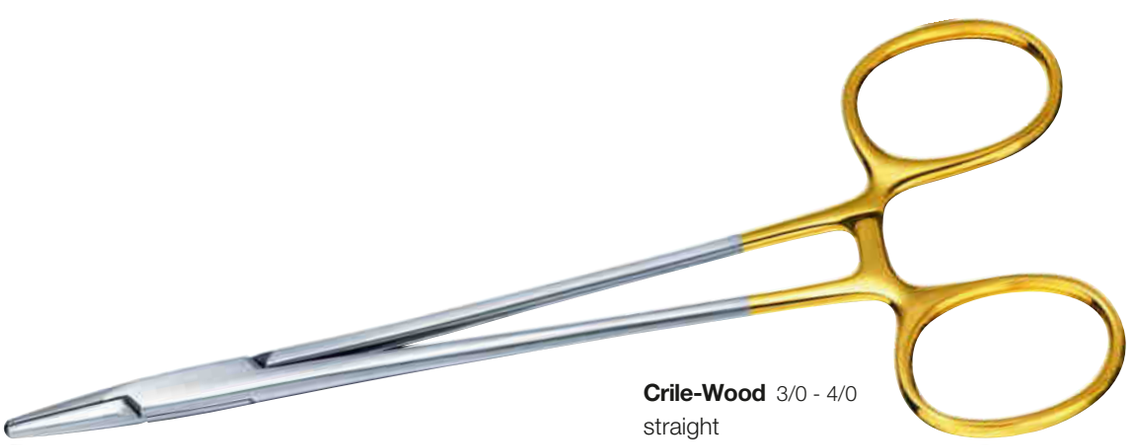
12.5 cm: **41.362.12**

12.5 cm: **41.240.12**



Ryder 3/0 - 4/0
straight

15 cm: **41.352.15TC**



Crile-Wood 3/0 - 4/0
straight

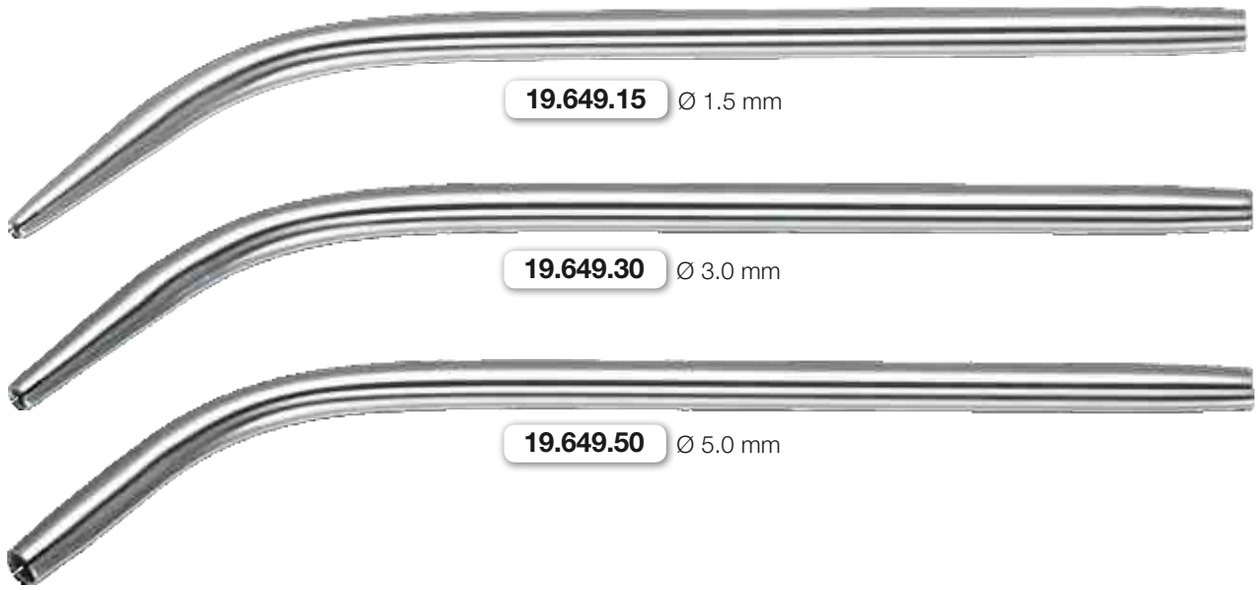
15 cm: **41.252.15TC**

18 cm: **41.252.18TC**

15 cm: **41.250.15**

Surgical Aspirators

Curved, with slot against sucking in, 17.5 cm



19.649.15 Ø 1.5 mm

19.649.30 Ø 3.0 mm

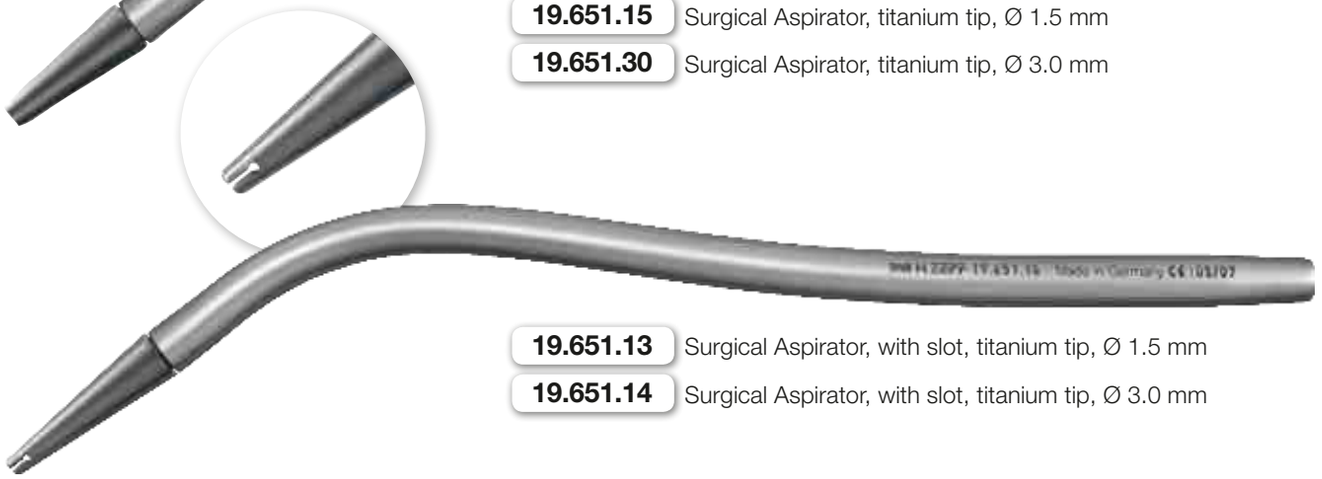
19.649.50 Ø 5.0 mm

Sinus-Line

The specially bent Sinus-Line Aspirators with titanium tip were developed by Dr. Maty.

19.651.15 Surgical Aspirator, titanium tip, Ø 1.5 mm

19.651.30 Surgical Aspirator, titanium tip, Ø 3.0 mm



19.651.13 Surgical Aspirator, with slot, titanium tip, Ø 1.5 mm

19.651.14 Surgical Aspirator, with slot, titanium tip, Ø 3.0 mm

19.651.15M Surgical Micro Aspirator, titanium tip, Ø 1.5 x 15 mm, modified tip by Dr. Shakibaie-M.

Syringes and Cannulas

85.252.140

Round Bowl, stainless steel,
Ø 80 mm x 40 mm high,
content 0.14 l

19.762.00

Cannula with Luer-Lock Connector

85.264.350

Round Bowl, stainless steel,
Ø 116 mm x 50 mm high,
content 0.35 l

19.750.00

Metal Syringe, self-filling,
with 1 cannula (Luer-Lock)

19.700.00

Adjusting Screw with slot, compatible for all cartridge syringes

19.700.05

Adjusting Screw for cream cannula

19.710.18

Cartridge Syringe
Breech-Loading-System,
3 aspiration hooks,
1.8 ml, with ring

Frazier

Suction Cannula, 18 cm

19.641.02 Ø 2 mm

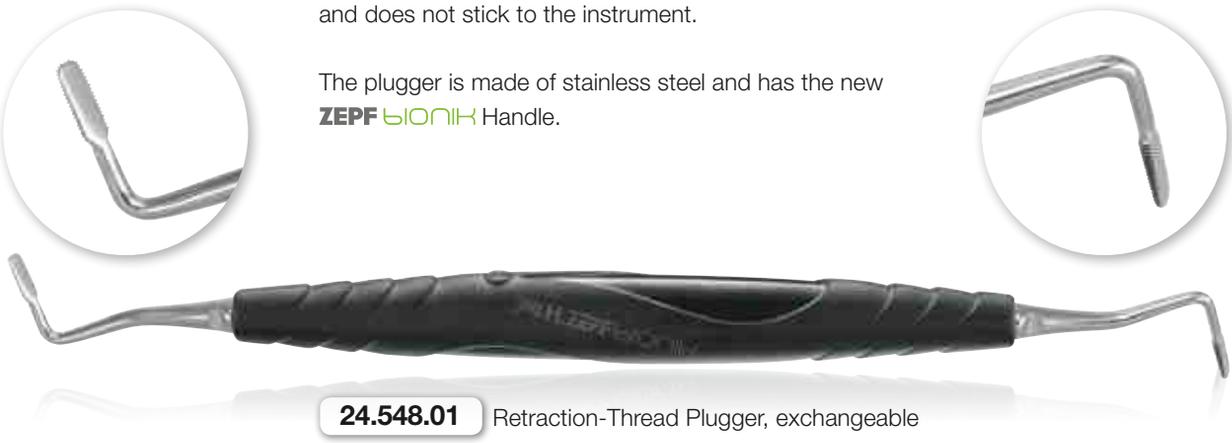
19.641.03 Ø 3 mm

Retraction-Thread Plugger

The ergonomic shape of the instrument tips allows plugging of the thread even in difficult spots.

The notch at the tips make it substantially easier to tie the thread around the tooth, the thread remains in the pocket and does not stick to the instrument.

The plugger is made of stainless steel and has the new **ZEPF** BIONIK Handle.



24.548.01 Retraction-Thread Plugger, exchangeable

Probes

Antrum Probe

19.576.13 Ø 1.5 mm, 13 cm

19.574.14 Ø 1.0 mm, 14.5 cm

19.576.14 Ø 1.5 mm, 14.5 cm

19.574.16 Ø 1.0 mm, 16 cm

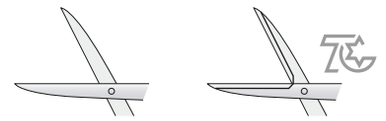
19.576.16 Ø 2.0 mm, 16 cm

Luniatschek

19.600.18 Cotton Plugger, 1.8 mm, fine, 17.5 cm

19.600.25 Cotton Plugger, 2.5 mm, wide, 17.5 cm

Universal Crown Scissors
12 cm



46.685.12 **46.885.12TC**

Miller Bone- & Alveolotomy File

Parallel cut, 17.5 cm

41.881.01 # 1

41.881.02 # 2

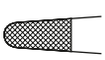
31.760.11

Wire Cutting Pliers,
max. 0.7 mm,
hard steel inserts,
12.5 cm

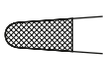
Wire Seizing / Ligature Pliers and Fracture Splint

41.905.00 100 cm
Fracture Splint

41.914.16
Wire Sizing Pliers / Ligature Pliers,
16 cm, with TC inserts



41.916.15 15 cm
Wire Sizing Pliers / Ligature Pliers



41.917.15 15 cm
Wire Sizing Pliers / Ligature Pliers
with TC inserts

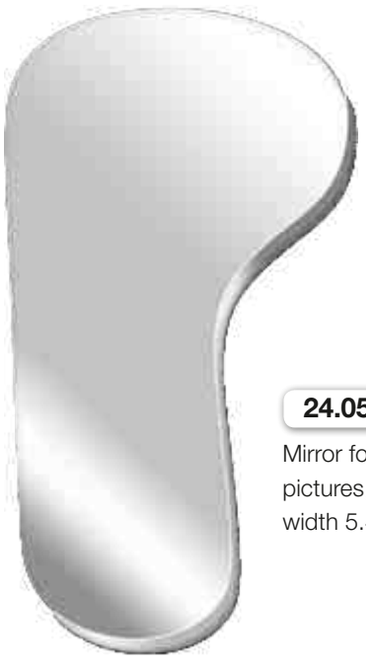
Mirrors for Interoral Photography

Titanium-coated front surface for very clear picture.

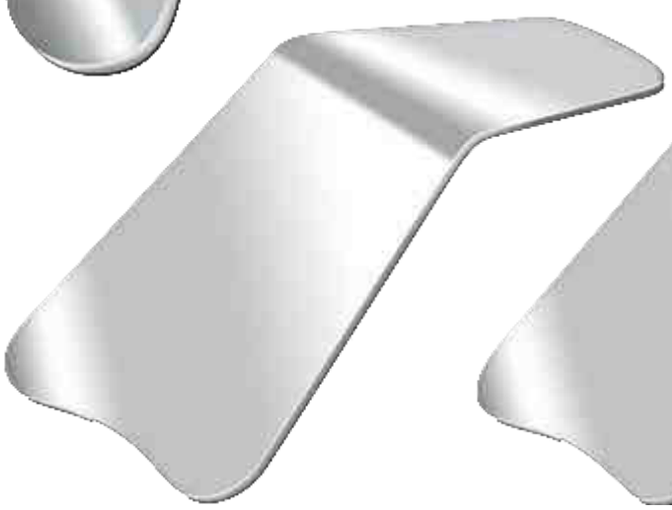
24.058.02
Mirror for children,
palatinal pictures,
width 5.5 cm

24.058.01
Mirror for adults,
palatal pictures,
width 6.8 cm

24.058.03
Mirror for lateral
pictures,
width 3.5 cm



24.058.04
Mirror for lingual
pictures,
width 5.4 cm



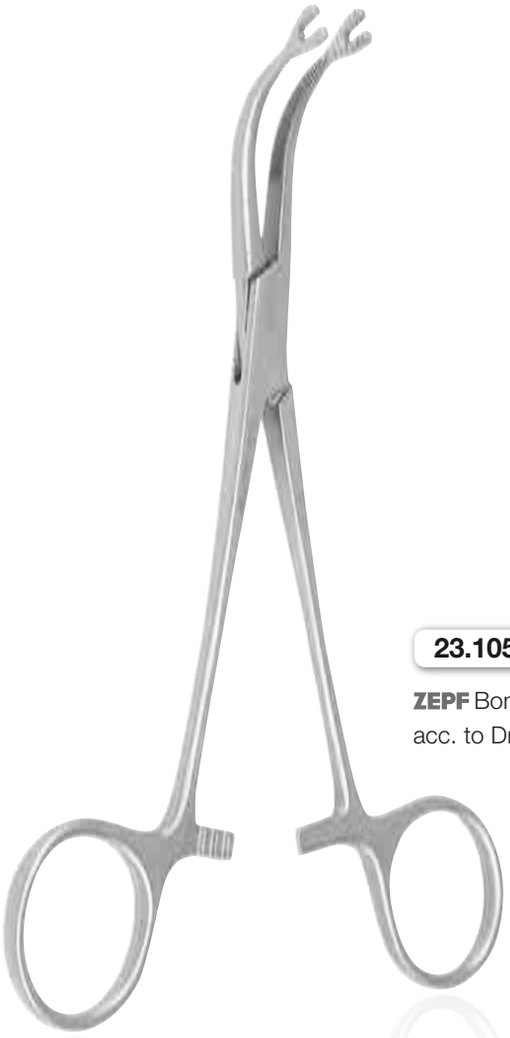
for occlusal pictures
Big Mirror, 6.8 cm

for lingual pictures
Small Mirror, 5.5 cm

24.058.10
1 pair of Mirrors,
stainless steel, polished

ZEPF Bone Holding Forceps

acc. to Dr. Howard Gluckman



23.105.50

ZEPF Bone Holding Forceps
acc. to Dr. Howard Gluckman

Dr. Howard Gluckman

Specialist in Periodontics, Implantology and Oral Medicine
Director of Implant & Aesthetic Academy, Cape Town, South Africa

“Bone holding forceps that I have tried so far are always very difficult to handle and some require 2 hands to use them effectively. A big problem for me was that the forceps usually got in the way and made screwing the bone blocks into position difficult. This inspired me to create a bone holding forceps that allowed one to effectively hold the bone plate or the bone block and at the same time having adequate space for the bone screws and driver.
The holder is easy to use with one hand due to the ratchet design and firmly grips either the bone plate or block on its own, thereby allowing fixation of the plate at the desired distance from the bone; if you utilise the Khoury technique; or to hold both bone block and recipient site thereby enabling easy bone fixation. The bone vice is designed to work with both large and small blocks.”

41.501.01

with exchangeable plastic inserts,
Ø 25 mm, light metal handle, by Dr. Vollmer

41.500.17 Hammer, lead-filled, Ø 20 mm, 140 g, 16.5 cm

41.500.17M Hammer, massive, Ø 20 mm, 130 g, 16.5 cm

41.506.17

Mead Hammer with exchangeable plastic inserts, 19 cm

Hammer, Ferrozell

The big hammer lies perfectly in the hand. Due to its (woodlike) material consistency, it offers a superior feeling in osteotomizing. No feel of metal, no loosening of plastic inserts – You always have the feeling of hitting perfectly and of regulating the pressure and the speed…
A true miracle of dental surgery and a must for each OT Set – not only for “big” surgeons!

41.503.00

Hammer, Ferrozell, head Ø 42 mm, 170 g,
total weight 240 g, 260 mm long

41.503.01

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

zepf-dental.com

VDDI Dental Solutions German Manufacturers

MADE IN GERMANY

The **ZEPF** ECO ImplaTool Set

acc. to Dr. Hildebrand

in cobalt-blue or lightred-magenta

24.961.06

24.961.05

depositphotos © A-R-T-U-R

Content: **ZEPF** ECO ImplaTool Set

The **ZEPF** ECO ImplaTool Set in cobalt-blue **24.961.05** or lightred-magenta **24.961.06**.
Out of his own experience Dr. Hildebrand came up with a complete instrument set for the whole oral surgery and the treatment in the implantology and periodontalogy. No matter if classical or new conceptions, like sinus elevation or microsurgical interventions, all demands can be covered.
Special raspatories, elevators and dissecting instruments enable and simplify surgical procedures and mainly non-traumatic operations. The exchangeable working tips inserted in the ergonomic BIONIK handle offer highest economy and best tactile handling.
Clearly organized in a washbasket – so everything is always easily at hand for the practitioner.

24.751.520W
Dissector, blunt | Papillex
24.751.178

46.036.11
46.036.21

24.751.179
Back Action 90° | Scalpel, sharp, 4 mm
24.751.512

41.853.11
41.853.21

24.751.176 S
Plugger, 5 mm | Spoon, 6 mm
24.751.177

41.854.11
41.854.21

24.751.150
Prichard Raspatory, 4 mm | Prichard Spatula
24.751.126

41.854.12
41.854.22

24.072.22. MEGAduo Mouth Mirror Insert, **26.194.07** **26.194.05** bionik Universal Handle single-ended

41.751.012LU

Curette Lucas, 2.5 mm

41.751.011LU

41.855.20

41.855.22

24.751.155

Sinus Elevator, double-ended, acc. to Ho-Hi

24.751.156

41.854.13

41.854.23

24.751.107HF

Hygienist, very fine version # H6 | # H7

24.751.106HF

24.207.06HF

24.205.06HF

24.455.06

Probe # 16 | PA Probe North Carolina CNC

24.098.03A

24.853.14

24.853.24

Content: **ZEPF** ECO ImplaTool Set

41.200.17TC

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

46.081.16SC

Joseph Scissors
curved, micro serrated, SuperCut, 14 cm

46.007.02

Drop-Control
Scalpel Blade Holder

22.489.00

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

22.025.03

Tweezers
with stop-pin, ergonomic, 15 cm

Bone Scraper

Collecting autologous bone material.

In oral surgery bone replacements and bone structures are often combined with autologous bone pieces during augmentations in order to use their osteoinductive effect. The Bone Scraper is the perfect instrument for an easy and quick collection of autologous bone structures. It enables you to scrape, collect and transplant the patients' own bone. Everything can be done without the usage of bone filter, trephine bur, saw or bone mill.

The blade makes a collection of cortical and spongious bone possible.
The bone is collected in a chamber during the scraping and at the same time the bone is being mixed with blood. The bone material can be implanted directly out of the Bone Scraper which has been sterilized before.

47.957.00 Ø 10 mm, **ZEPF**-Line, in closed position, 15.6 cm

Open position, the bone material can easily be taken out of the chamber

47.957.01 **Spare blade** for 47.957.00

ZEPF Bone Scraper II

By using the Bone Scraper, instruments like bone filters, trephines, saws and bone mills are no longer necessary. Its blades allow a fast harvesting of cortical and cancellous bone. The cost-efficient disposable blade offers the practitioner an always sharp and economical instrument.

← **Spare Blade**
replacements, available in quantities of:

47.957.30
PU 3 pieces

47.957.50
PU 5 pieces

← **Sleeve**

47.957.70

Bone Scraper II
ZEPF-Design, with sleeve and disposable blade

47.957.10
← straight version

47.957.15
angled version →

Bone Scraper II Handle

47.957.60
← straight version

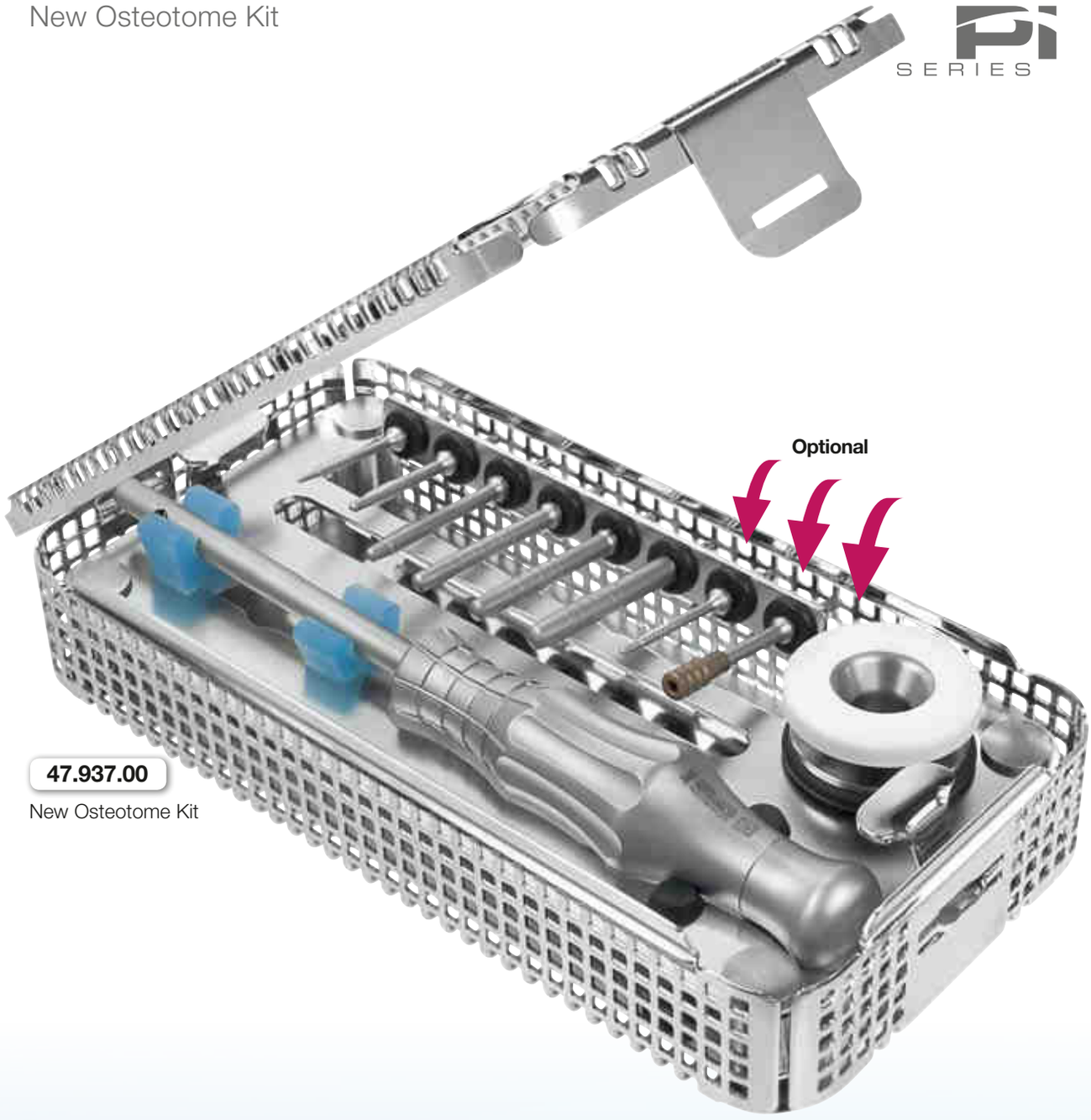
47.957.65
angled version →

Essential advantages:

- ergonomic
- easy cleaning
- quickly replaceable blade
- simple application
- cost-efficient

New Osteotome Kit

PI SERIES



47.937.00

New Osteotome Kit

Content: New Osteotome Kit

PI SERIES

Screw-Osteotome Inserts

RA-Hex connection with shock absorption

47.937.10
Ø shank 2.7 mm,
Ø tip 2.0 mm

47.937.11
Ø shank 3.2 mm,
Ø tip 2.7 mm

New Osteotome Inserts

RA-Hex connection with shock absorption,
graduation 7/10/13/15/18/20 mm

47.937.12
Ø shank 3.7 mm,
Ø tip 3.2 mm

47.937.13
Ø shank 4.2 mm,
Ø tip 3.7 mm

47.937.14
Ø shank 5.0 mm,
Ø tip 4.2 mm

47.502.10
Screwdriver Handle with extension,
RA-Hex connection with shock absorption,
for screwing and hammering application

Without illustration

85.182.50 1/3 Washtray System
47.937.01 Tray for New Osteotome Kit

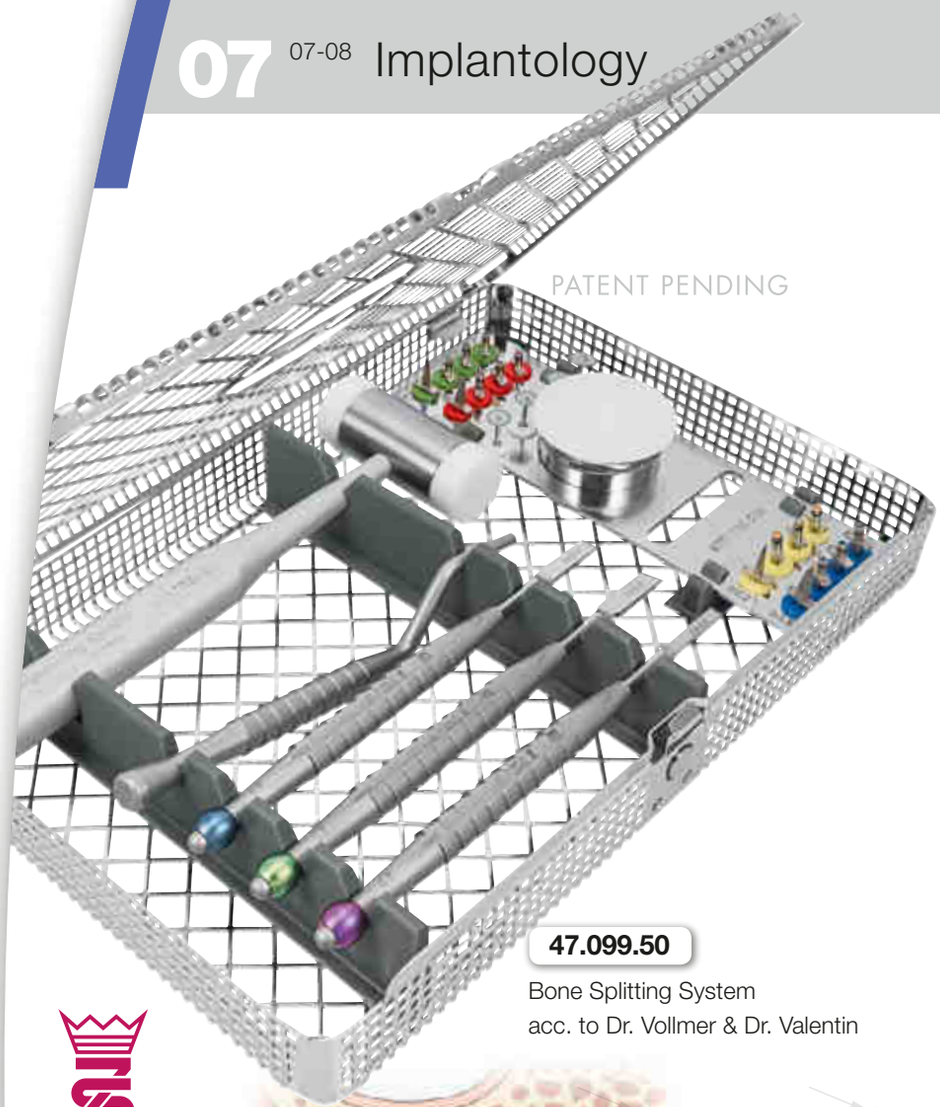
Optional Accessories

not included in the set

47.937.05
Ø shank 5.0 mm,
Ø tip 4.2 mm

47.950.03
Pin Applicator, short,
to apply titanium pins

85.255.02
Storage Box
for 10 titanium pins



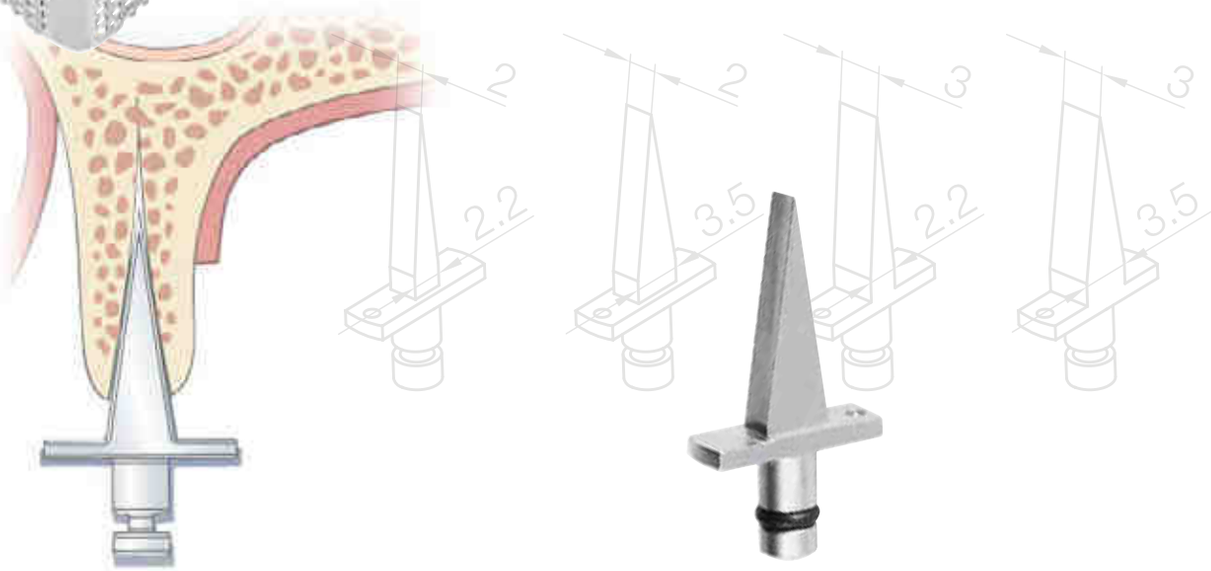
Bone Splitting System

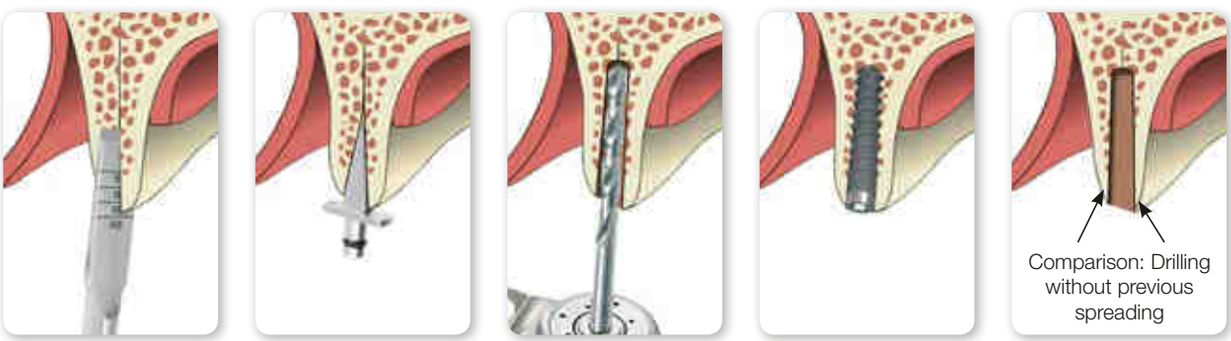
acc. to Dr. Vollmer & Dr. Valentin

A successful implantation primarily depends on sufficient bone in the region of the alveolar process and especially on the quality of the bone. Only a stable bone structure can guarantee a safe anchorage of the implant.
In addition to modern augmentation methods, the bone splitting technique is becoming more and more important.

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

47.099.50
Bone Splitting System
acc. to Dr. Vollmer & Dr. Valentin





At first, the maxillary crest which has become too small due to atrophy is being separated in its longitudinal direction by diamond discs. Thereafter, it is split carefully by means of chisels. In doing so, the lateral cortical bone lamellae are preferably displaced in labial direction.

After these preparatory steps, small wedges are inserted in the gap. In each case, two wedges are used as placeholders for the drilling of the implant bed and the insertion of the implant.

While drilling, the bone lamellae are reliably prevented from springing back. Upon insertion of the implants and removal of the inter-implantatory wedges, the remaining gaps can be filled with augmentation material in order to allow an augmentation and, in opportune cases, an immediate and simultaneous implantation.

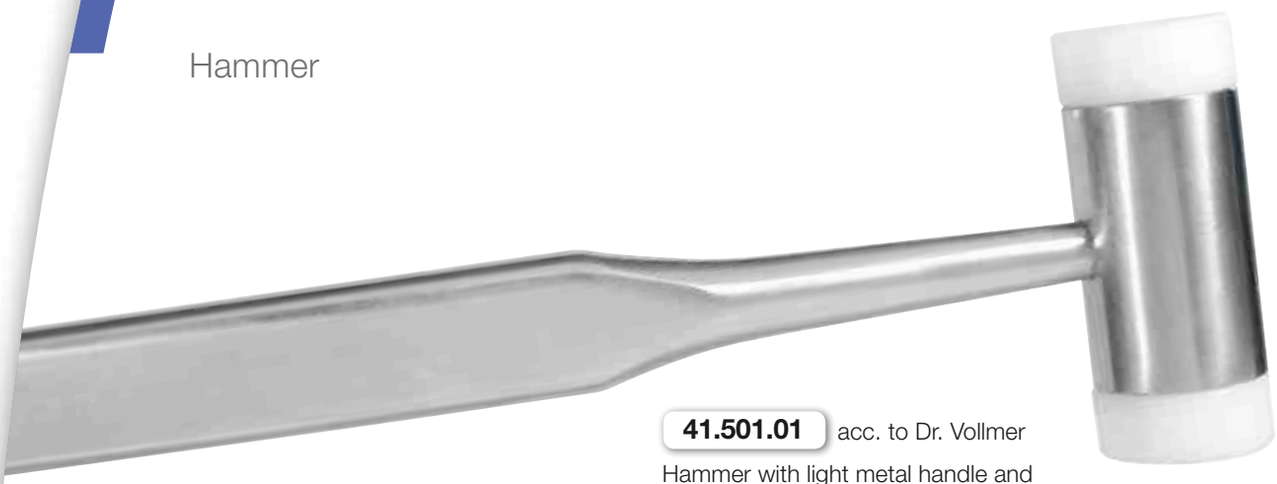
Content: Bone Splitting System

47.949.11 Pointed Chisel 4 mm

47.949.12 Pointed Chisel 6 mm

47.949.13 Pointed Chisel 8 mm

Hammer



41.501.01 acc. to Dr. Vollmer
Hammer with light metal handle and exchangeable plastic inserts Ø 25 mm

Separating Discs

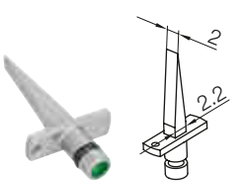
47.099.08
Separating Disc Ø 8 mm

47.099.10
Separating Disc Ø 10 mm

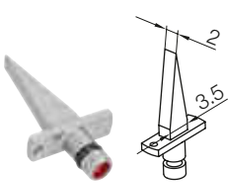
Wedge Applicator

47.099.20 Wedge Applicator

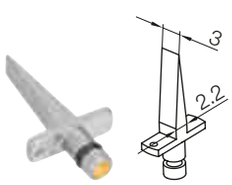
Inter-Implantatory Wedges



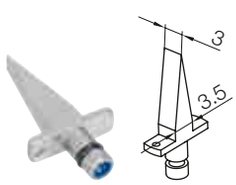
47.099.31
Wedge 2 mm / 2.2 mm, green



47.099.32
Wedge 2 mm / 3.5 mm, red



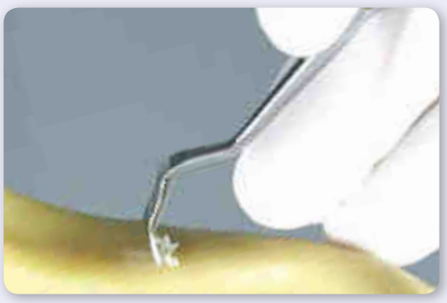
47.099.33
Wedge 3 mm / 2.2 mm, yellow

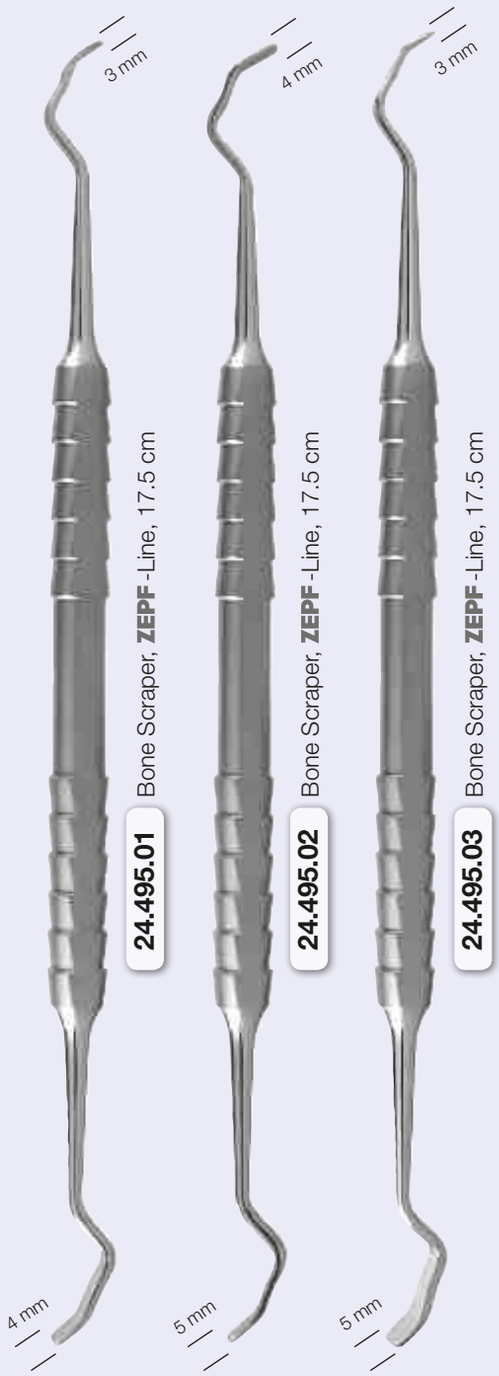


47.099.34
Wedge 3 mm / 3.5 mm, blue

Back Action Chisel

Modified as Bone Scraper in different widths, to gain autologous bone during operation.



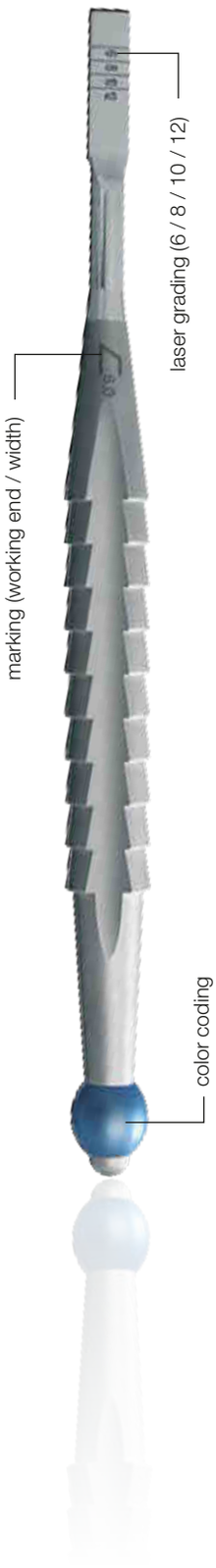


Bone Fitting Set

acc. to Dr. Hohl & Dr. Hildebrand

47.949.95

Bone chisels are used to gain bone chips, to shape bone structures and to widen bones from the cranial side. The pointed chisels are used for the first widening of the maxillary crest. The flat chisels smoothen and shape bone structures.



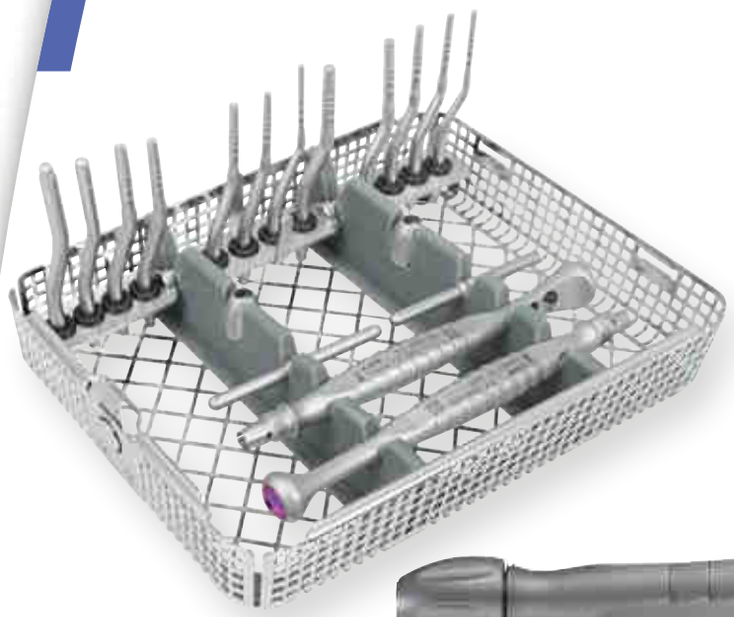
Content: Bone Fitting Set

pointed

- **47.949.11** (4.0 mm)
- **47.949.12** (6.0 mm)
- **47.949.13** (8.0 mm)

flat

- **47.949.21** (4.0 mm)
- **47.949.22** (6.0 mm)
- **47.949.23** (8.0 mm)



Osteotome Set
with exchangeable inserts

47.961.00

1 x washtray 85.184.26
2 x handle 17.700.00
12 x insert (as illustrated)

See pages 10-01 to 10-05 for washtrays, washbaskets and Tray-in-Tray-System!

17.700.40

47.961.20

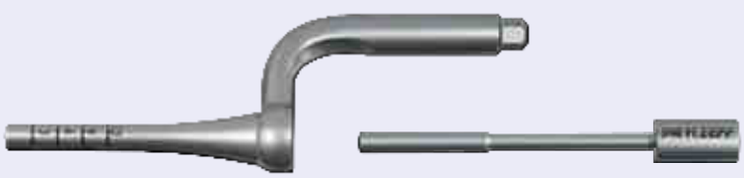
17.700.00 Handle for exchangeable inserts

17.700.45 Clamping Screw

convex	concave	measure	depth	grading
47.961.20	**47.962.20**	Ø 2.0 mm	20 mm (for 2.0)	9/11/13/16
47.961.28	**47.962.28**	Ø 2.0 - 2.8 mm	20 mm (for 2.8)	9/11/13/16
47.961.33	**47.962.33**	Ø 2.8 - 3.3 mm	20 mm (for 3.3 / 3.8)	9/11/13/16
47.961.38	**47.962.38**	Ø 3.4 - 3.8 mm	20 mm (for 4.3)	9/11/13/16
47.961.43	**47.962.43**	Ø 3.9 - 4.3 mm	20 mm (for 5.0 / 6.0)	9/11/13/16
47.963.50	**47.962.50**	Ø 5.0 mm	20 mm (for 5.0)	-
47.963.60		Ø 6.0 mm	20 mm (for 6.0)	-

Hollow Cylinder Osteotomes acc. to Dr. Vollmer & Dr. Valentin

With the ejector, which will positioned at the distal end, the gained bone material can be implanted efficiently in another place. Comparable with solid osteotomes it comes to a condensing of the bone in order to get a better primary stability for the implant in a cancellous bone.



47.750.03 Ø 3 mm

47.750.04 Ø 4 mm

47.750.13 Ejector Ø 3 mm

47.750.14 Ejector Ø 4 mm

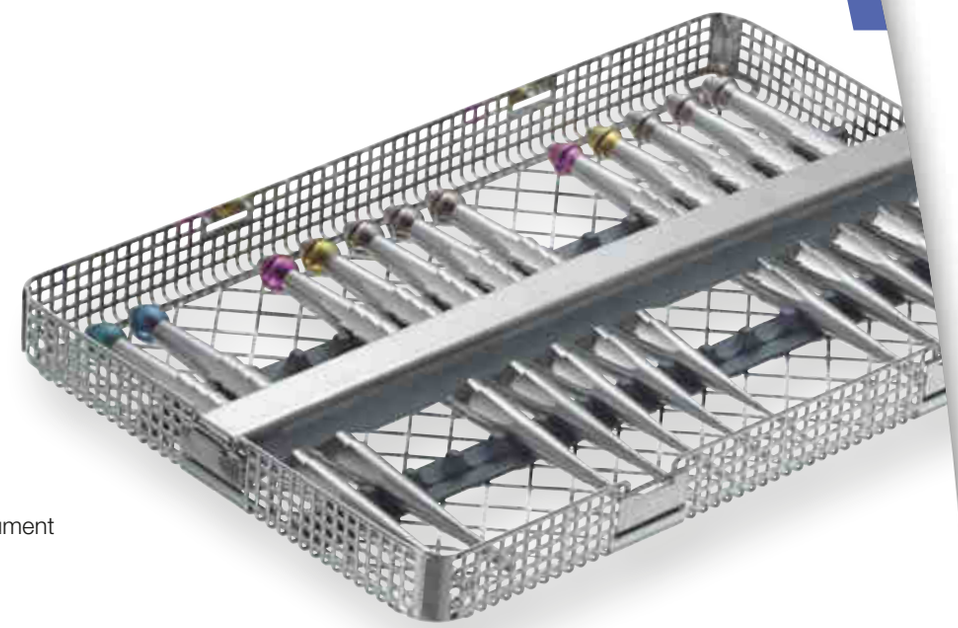
Osteotome Set

47.940.00
Osteotome Set, straight

47.940.01
Osteotome Set, angulated

always including

85.180.00
Washtray 1/1,
for max. 16 hand instruments
incl. 2 silicone rubbers and instrument retainer, 275 x 178 x 24 mm



concave straight

- **47.942.20** Ø 2.0 (for 2.0)
- **47.942.28** Ø 2.3 / 2.8 (for 2.8 / 3.3)
- **47.942.33** Ø 2.8 / 3.3 (for 3.3 / 3.8)
- **47.942.38** Ø 3.4 / 3.8 (for 4.3)
- **47.942.43** Ø 3.9 / 4.3 (for 5.0 / 6.0)

concave angulated

- **47.943.20** Ø 2.0 (for 2.0)
- **47.943.28** Ø 2.3 / 2.8 (for 2.8 / 3.3)
- **47.943.33** Ø 2.8 / 3.3 (for 3.3 / 3.8)
- **47.943.38** Ø 3.4 / 3.8 (for 4.3)
- **47.943.43** Ø 3.9 / 4.3 (for 5.0 / 6.0)

convex straight

- **47.944.20** Ø 2.0 (for 2.0)
- **47.944.28** Ø 2.3 / 2.8 (for 2.8 / 3.3)
- **47.944.33** Ø 2.8 / 3.3 (for 3.3 / 3.8)
- **47.944.38** Ø 3.4 / 3.8 (for 4.3)
- **47.944.43** Ø 3.9 / 4.3 (for 5.0 / 6.0)

convex angulated

- **47.945.20** Ø 2.0 (for 2.0)
- **47.945.28** Ø 2.3 / 2.8 (for 2.8 / 3.3)
- **47.945.33** Ø 2.8 / 3.3 (for 3.3 / 3.8)
- **47.945.38** Ø 3.4 / 3.8 (for 4.3)
- **47.945.43** Ø 3.9 / 4.3 (for 5.0 / 6.0)

OST-Sets – Variable Geometry Osteotomes

acc. to Pavel Krastev DDS

VGO

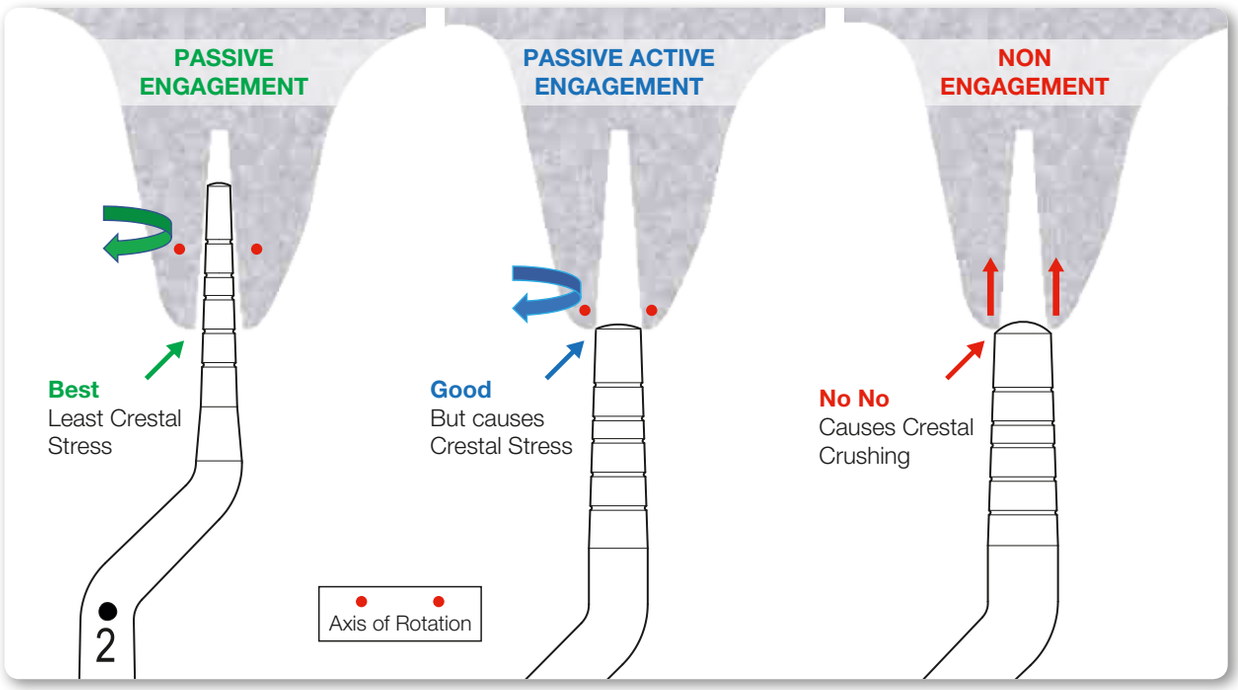
PATENTED

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

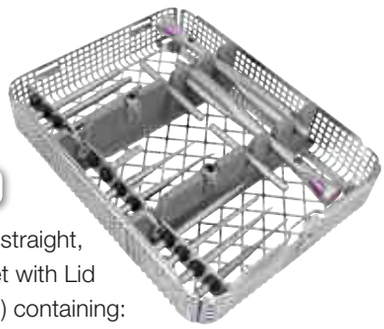
acc. to Pavel Krastev DDS

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.



47.990.00

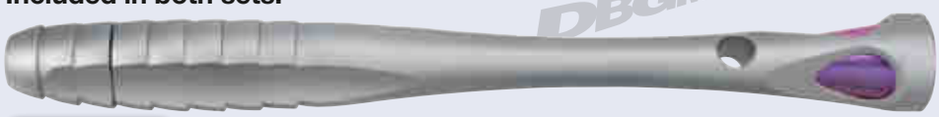
VGO Ost-Set – straight,
in a Washbasket with Lid
(REF 85.194.22) containing:

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:



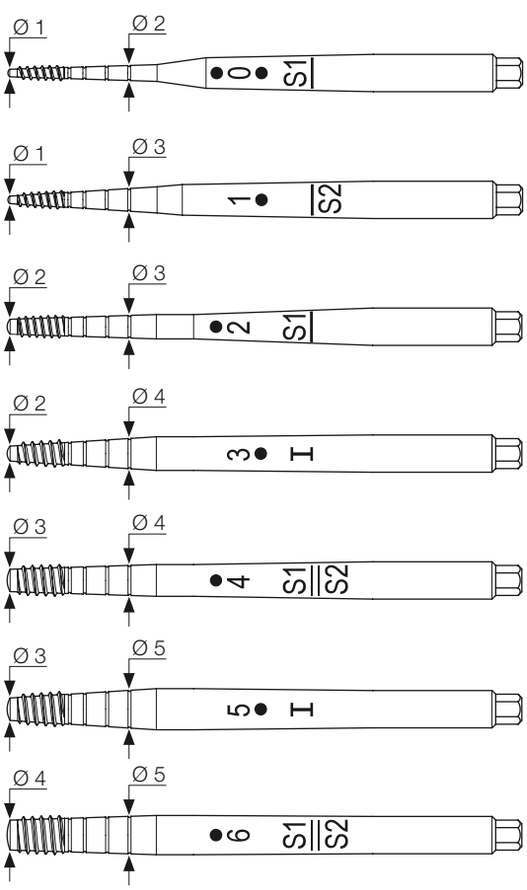
17.710.00 Z-Shape Universal handle & instrument holder for inserts with HEX-adapter, AF4, sandblasted, 2 pieces included in the set

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

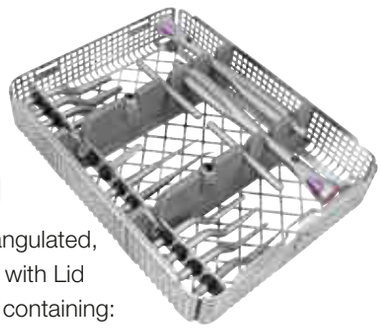
47.990.30 Screw Osteotome Insert straight, size 2, tapered Ø 2 - 3 mm, convex shank Ø 3 mm, scale 8/10/13/16 mm

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



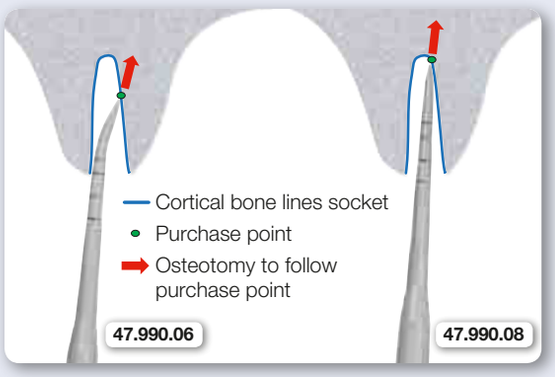
47.991.00

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

POSTERIOR VGO OST-Set

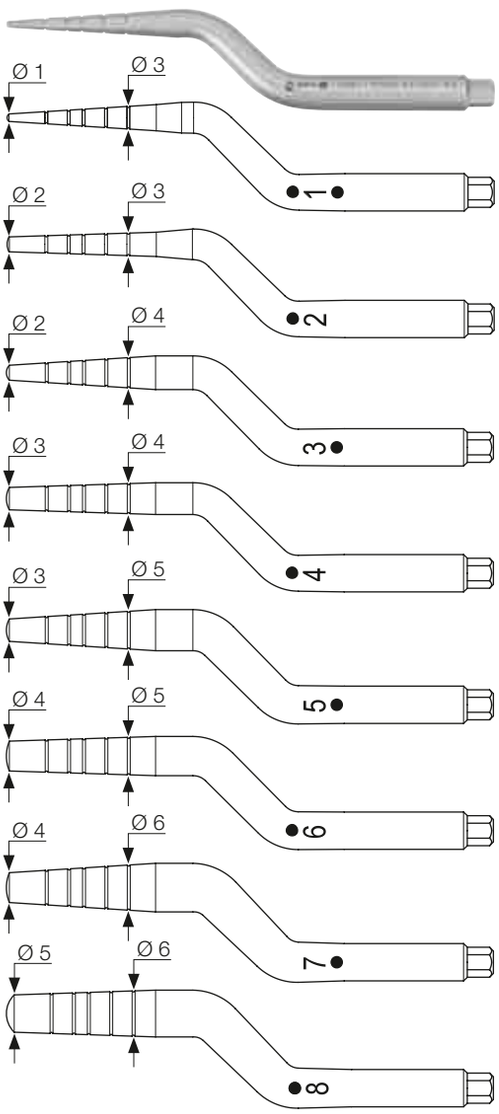
with 8 angulated osteotome inserts, numbered from 1 - 8

- 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

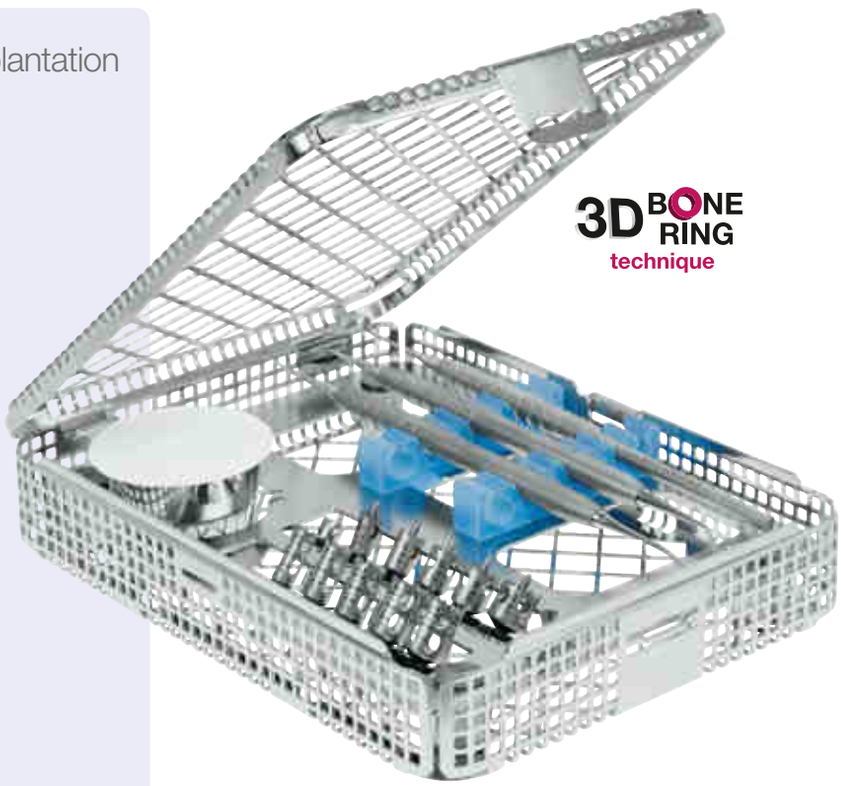
3D One Step Augmentation & Implantation

acc. to Dr. Bernd Giesenhagen

In co-operation with Dr.Giesenhagen, the company **HELMUT ZEPF** has developed a new set for the One Step Vertical Augmentation with ring-shaped bone transplants.

The aim of this development is an accelerated implant treatment. Thereby, the safety of the implantological success as well as the convincing result for the patient and the user have priority. In many cases, this new augmentation method can be used to build up the bone base for the insertion of one or more implants.

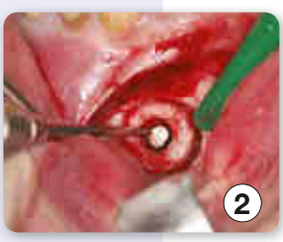
Particularly suitable for the vertical augmentation of the highly atrophied and distal mandible (pic. 2). With this newly introduced technique, perfectly fitting ring-shaped bone transplants are removed from the chin-, retro-molar region or from the palatal area (pic. 1) by means of trephines and fixed immediately in the receiving area (pic. 3) with a screw implant.

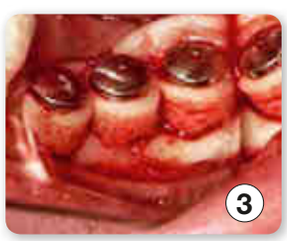


47.500.31

Complete Set with washbasket 85.184.18 and instruments; without optional accessories

VIDEO APPLICATION





Dr. Bernd Giesenhagen, the inventor of this procedure, and **HELMUT ZEPF** have selected a special range of instrumentation for precise and time-saving steps of treatment in order to ensure an optimal function.

Application

The local cortical bone structure with spongious parts of vital cells guarantees a safe fixation with short healing time.

The filling of possibly existing cavities is usually made by spongious chips taken from the donor area or by bone substitutes.

For an additional coverage of the augmented area with a barrier membrane we recommend our **HELMUT ZEPF** Augmentation Kit 47.966.00.

3D One Step Augmentation & Implantation acc. to Dr. Bernd Giesenhagen

47.520.22 Adenoid Curette Ø 3 mm, 30° angled, double-ended

47.520.23 Adenoid Curette Ø 3 mm

47.520.25 Ring Breaker, small / large, double-ended

Trephines, short

- **08.910.13S** inner Ø 5 mm
- **08.910.08S** inner Ø 6 mm
- **08.910.09S** inner Ø 7 mm
- **08.910.10S** inner Ø 8 mm
- **08.910.11S** inner Ø 9 mm

Trephines, with fixation support

- **08.910.13F** inner Ø 5 mm
- **08.910.08F** inner Ø 6 mm
- **08.910.09F** inner Ø 7 mm
- **08.910.10F** inner Ø 8 mm
- **08.910.11F** inner Ø 9 mm

08.910.22

Plain Milling Cutter Ø 6 mm

85.251.04

Mixing Cup, stainless, with POM Lid, Ø 4 cm

Optional Accessories

not included in set

47.099.25

Ring Applicator for rings with Ø 5 mm and Ø 7 mm, extendable to Ø 9 mm by means of a metal ring – see article 47.099.26

47.099.26

Metal Ring for Ring Applicator 47.099.25 – for holding bigger bone rings with Ø 9 mm

Trephines

Trephines are used for a gentle and precise removal of an implant. They are used to win bone texture and to excavate implants accurately. The trephines are manufactured of stainless steel.
The grading is visibly laser-marked onto the burs and guarantees a secure depth orientation.

The windows in the body offer a better view for the excavation of the implants and make it easier to reject fragments.
The bur stand offers a safe and perfectly clean storing and easy positioning through a snap-in system.
The marking of the rack allows a fast and uncomplicated identification of the trephines.

08.910.10

	Ø Inside	Ø Outside	Teeth	Body Length	Grading
08.910.01	1.7 mm	2.3 mm	7	22 mm	7/10/13/16
08.910.02	2.3 mm	2.8 mm	7	22 mm	7/10/13/16
08.910.03	2.8 mm	3.3 mm	9	22 mm	7/10/13/16
08.910.04	3.3 mm	3.8 mm	9	22 mm	7/10/13/16
08.910.05	4.0 mm	4.5 mm	11	22 mm	7/10/13/16
08.910.06	4.3 mm	4.8 mm	11	22 mm	7/10/13/16
08.910.07	4.8 mm	5.8 mm	9	22 mm	7/10/13/16
08.910.13	5.0 mm	6.0 mm	11	22 mm	7/10/13/16
08.910.08	6.0 mm	7.0 mm	12	22 mm	7/10/13/16
08.910.09	7.0 mm	8.0 mm	18	22 mm	7/10/13/16
08.910.10	8.0 mm	9.0 mm	18	22 mm	7/10/13/16
08.910.11	9.0 mm	10.0 mm	18	22 mm	7/10/13/16
08.910.12	10.0 mm	11.0 mm	19	22 mm	7/10/13/16

Bur Stand for Trephines

85.070.01 8.5 x 5.0 cm
for 6 burs, shaft Ø 2.35 mm

85.070.05 8.5 x 4.5 cm
for 6 short burs, shaft Ø 2.35 mm

08.912.75

	Ø Inside	Shaft	Description
08.911.30	3.0 mm	2.35 x 15 mm	Trephine short
08.912.50	5.0 mm	2.35 x 15 mm	Trephine short
08.912.75	7.5 mm	2.35 x 15 mm	Trephine short
08.912.10	10.0 mm	2.35 x 15 mm	Trephine short

Mucosa Membrane Punches suitable for hand piece (Dimensions are the inner diameter)

85.070.05 Suitable Bur Stand
for 6 Mucosa Membrane Punches

08.920.06

08.920.03	Ø 3.0 mm	**08.920.06**	Ø 6.0 mm
08.920.04	Ø 4.0 mm	**08.920.13**	Ø 3.5 mm
08.920.05	Ø 5.0 mm	**08.920.16**	Ø 6.5 mm

ZEPF Bone Crusher

With this Bone Crusher we introduce a proven alternative to the more complex bone mill. Insert the bone piece into the crusher and use the Pusher in order to crush the bone. If necessary, you may additionally use the hammer 41.509.00.

47.955.00

Bone Crusher, Body, Sleeve, Pusher, Baseplate Ø 20 mm, stainless steel

47.955.10

Teflon Support for Bone Crusher
After using the hammer, turn the Pusher 90° and crush again. With this movement the cutting edge is turned on the bone. After that, the desired result should be achieved.

Bone Mill Forceps

For gaining autogenic bone material.
In order to correct bone defects, an intraoral harvesting of bone is often necessary. Pieces of bone may be gained with trephines or chisels. It is the aim of the Bone Mill Forceps to cut bone material into small pieces so that a maximum volume of bone chips can be achieved. The “grainy” consistency of bone chips created will ensure that it is adapted most favourably to osseous embedding.

47.958.03

Handle Bar with Screw

47.958.01

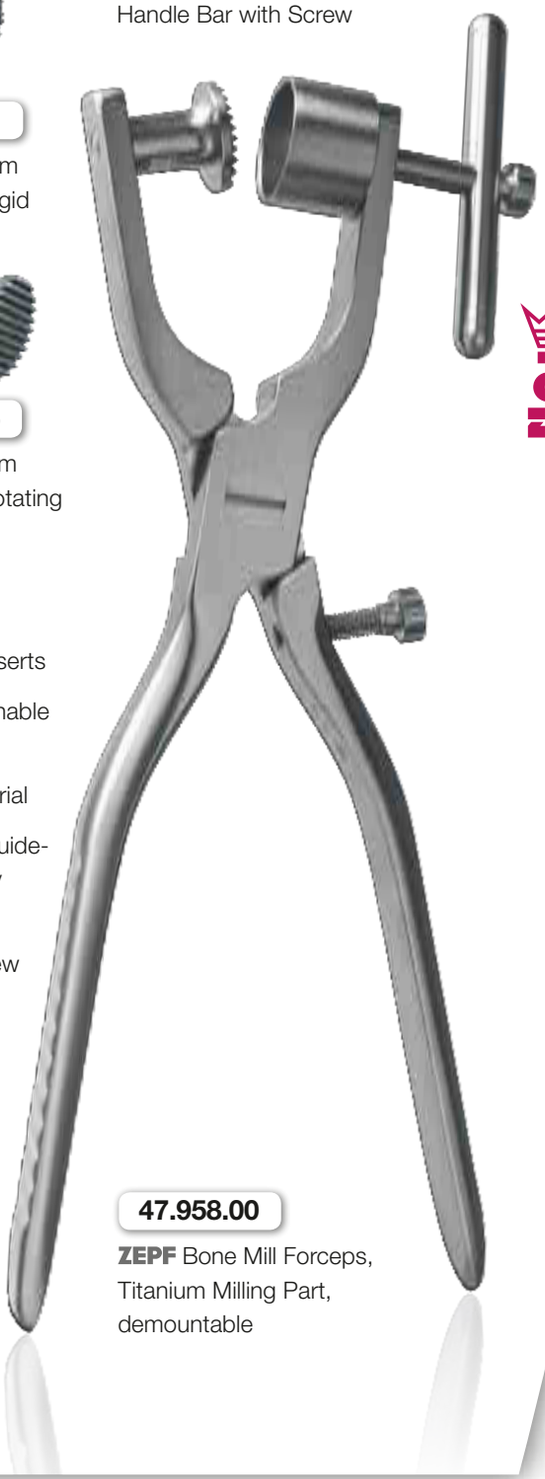
Upper Titanium Milling Part, rigid

47.958.04

Lower Titanium Milling Part, rotating

Advantages of the Bone Mill Forceps:

- Titanium Bone Mill Inserts
- Mill Inserts are detachable and exchangeable
- no loss of bone material
- conform to the RKI guide-lines because of easy cleaning
- specially designed new forceps, which allow parallel closing of the working parts, which allows a maximum milling result
- stop screw avoids direct contact of the milling parts, due to this protection the milling parts will last longer



47.958.00

ZEPF Bone Mill Forceps, Titanium Milling Part, demountable

ZEPF bonemill

47.954.01

ZEPF Bone Mill,
to crush autologous bones,
with helically toothed milling part

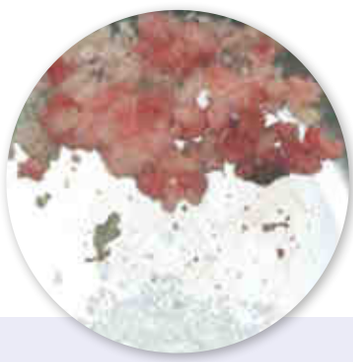
47.954.55

Extension Bar for the rotary handle 47.954.50, to increase the lever effect

47.954.35

Helical toothed Milling Part

for Bone Mill 47.954.01 and to be mounted in 47.954.00 / 47.954.01 (This new milling part can be ordered and subsequently be mounted in an older type of Bone Mill by the user himself).



ZEPF Bone Mill

Bone Mill, to crush autologous bones. In order to correct bone defects, bone harvesting is necessary elsewhere. Bigger bone pieces or bone-blocks can be removed by using trephines.
The **ZEPF** Bone Mill allows to crush bone in order to produce the greatest possible volume of bone graft. The grainy consistence of the produced bone graft guarantees an optimal adaption on the bone.

The extension bar which can be adapted on the rotary handle facilitates an optimized power transmission and torque. The new Bone Mill with helical toothed milling part makes milling easier.

Advantages of the HELMUT ZEPF Bone Mill:

- easy handling
- quick assemby / disassembly without additional tools
- no loss of bone material (even in the case of small quantities)
- easy cleaning

Sinus Elevators

acc. to Dr. Meiselbach

The 3 Sinus Elevators acc. to Dr. Meiselbach enable a gentle and atraumatic sinus floor elevation in all areas.

Due to their special shaping the Elevators are an ideal addition to the Universal Sinus Instruments.

41.848.51 Sinus Elevator 1 acc. to **Dr. Meiselbach**, 2.3 mm, blunt

41.848.52 Sinus Elevator 2 acc. to **Dr. Meiselbach**, 3.0 mm / 2.3 mm, blunt

41.848.53 Sinus Elevator 3 acc. to **Dr. Meiselbach**, 2.3 mm, blunt

41.868.07 **Kirsch**, Sinus 7, Plugger Ø 5.0 mm, Spoon 8 x 10 mm, Titanium **ZEPF**-Line Handle, double-ended, 17.5 cm

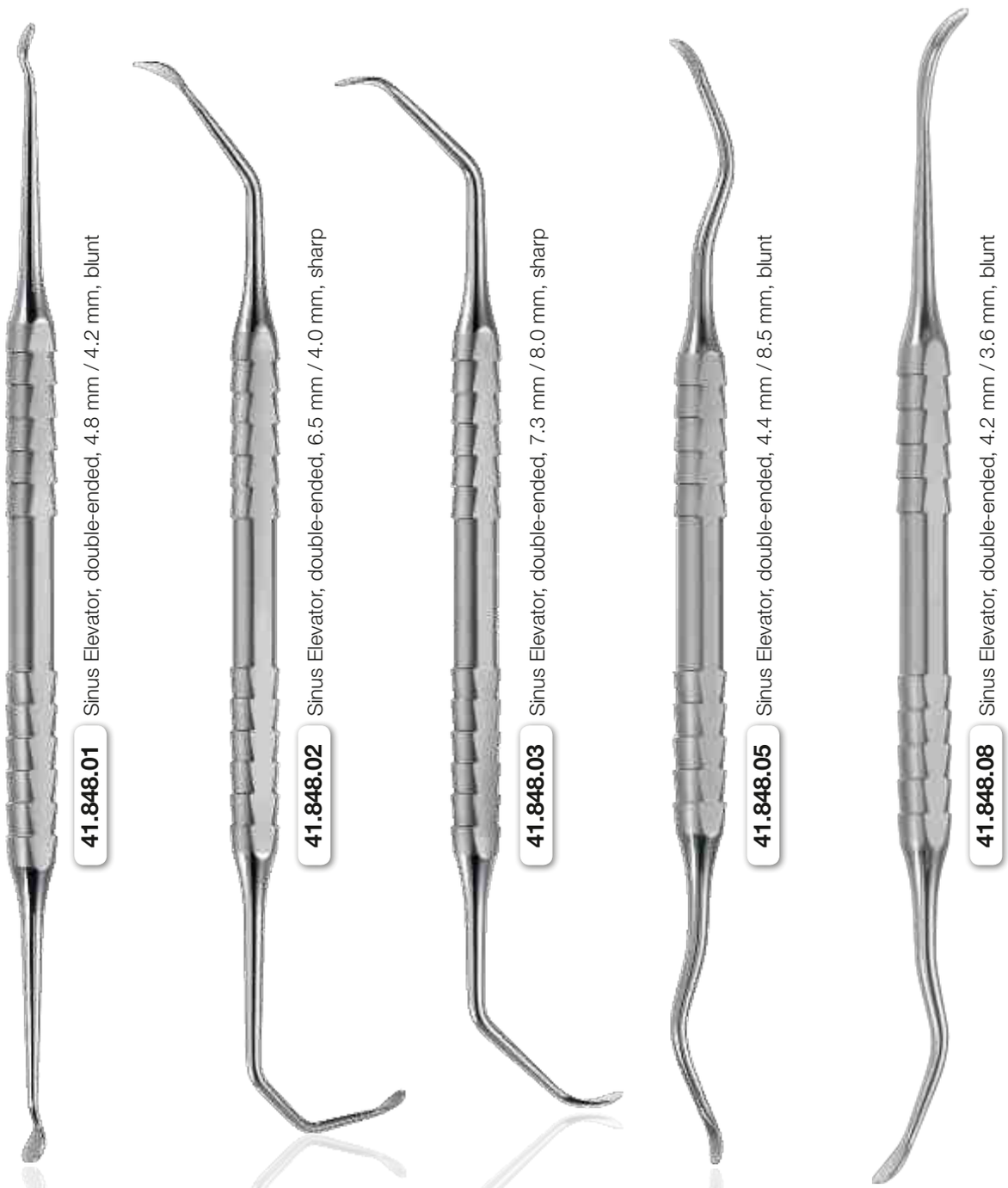
47.530.00 Cleaning Instrument to collect autologous bones

Universal Sinus Instruments

For implantological treatment in the maxilla, in case of missing vertical bone in the direction of sinus maxillaris.

Advantages:

- angled instruments ergonomically and anatomically optimised
- atraumatic preparation and lifting of the sinus mucosa
- effective working due to a wide range of different angles



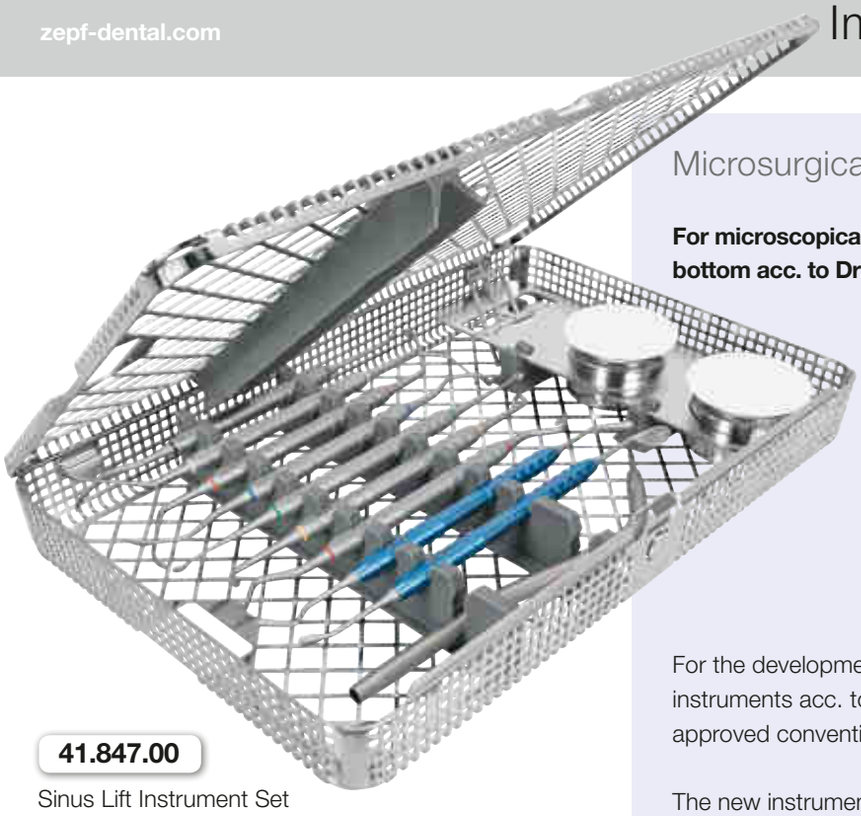
41.848.01 Sinus Elevator, double-ended, 4.8 mm / 4.2 mm, blunt

41.848.02 Sinus Elevator, double-ended, 6.5 mm / 4.0 mm, sharp

41.848.03 Sinus Elevator, double-ended, 7.3 mm / 8.0 mm, sharp

41.848.05 Sinus Elevator, double-ended, 4.4 mm / 8.5 mm, blunt

41.848.08 Sinus Elevator, double-ended, 4.2 mm / 3.6 mm, blunt



41.847.00

Sinus Lift Instrument Set
for microscopically guided elevation of the sinus bottom acc. to Dr. Shakibaie-M.
incl. 1 x washbasket 85.195.00 and instruments illustrated on page 07-16 /17

Microsurgical Sinus Lift Instruments

For microscopically guided elevation of the sinus bottom acc. to Dr. Behnam Shakibaie-M.

For the development of the new microsurgical sinus lift instruments acc. to Dr. Shakibaie-M., we resorted to the approved conventional shapes of sinus lift instruments.

The new instruments are approx. 60 % smaller, they were sharpened and the surface was abraded. Under appropriate optical magnification and illumination of the operation field (operation microscope or magnifying glass), those features offer the following essential advantages:

- The reduction of the instrument size allows the preparation of a minimalized antral window without restricting the qualities of elevation or augmentation.
- The sharpening of the instruments allows a precise initial fracture of the bone layer which is as thin as parchment. The initial fracture is possible as soon as the window is prepared by rotating the instrument, without injuring the Schneider's membrane.
- The delicate coarseness of the surface of the instruments prevents the unpleasant reflection of light from the operating microscope or the magnifying glass.

In addition, the working tips of the instruments were bent in accordance with the reduced sinus lift window.

Finally, the instruments were also numbered and color-coded to allow an easy, chronological use.

Thus, the surgeon is able to increase the safety during elevation of the sinus bottom and to apply this technique in a minimally invasive way for the patient.

Pictures by Dr. Behnam Shakibaie-M.

Microsurgical Sinus Lift Instruments acc. to Dr. Shakibaie-M.

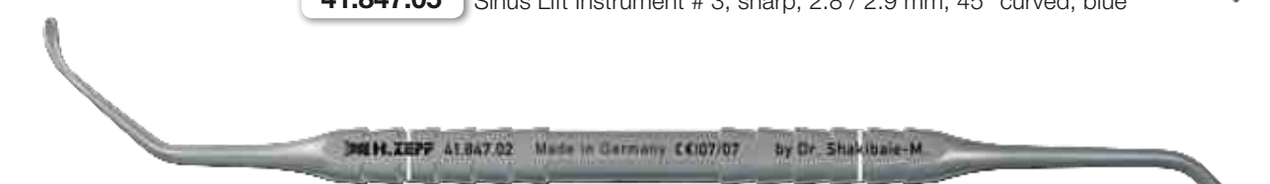
41.847.00

Sinus Lift Instrument Set for microscopically guided elevation of the sinus bottom double-ended, acc. to **Dr. Shakibaie-M.** contains following components:

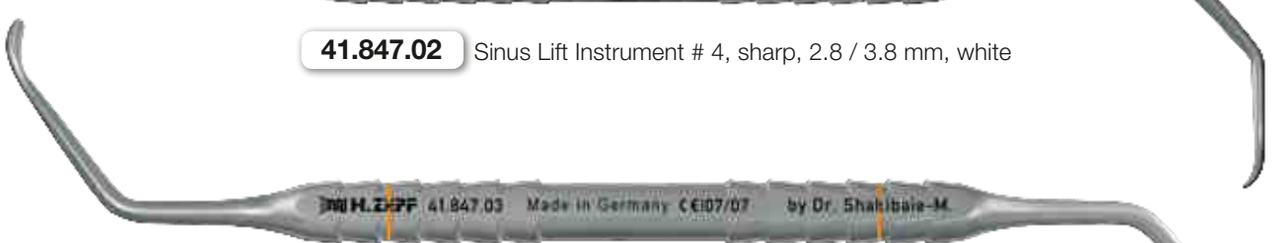
41.847.08 Sinus Lift Instrument # 1, sharp, 2.9 / 2.4 mm, green

41.847.01 Sinus Lift Instrument # 2, sharp, 2.9 / 2.9 mm, black

41.847.05 Sinus Lift Instrument # 3, sharp, 2.8 / 2.9 mm, 45° curved, blue



41.847.02 Sinus Lift Instrument # 4, sharp, 2.8 / 3.8 mm, white



41.847.03 Sinus Lift Instrument # 5, sharp, 3.6 / 4.2 mm, orange

41.847.10 Sinus Lift Instrument # 6, sharp, 2.3 / 2.3 mm, red

41.847.09 Sinus Lift Instrument # 7, sharp, 2.1 / 2.1 mm, yellow

08.906.014C

Diamond, 014C, round, Ø 1.4 mm

08.906.016C

Diamond, 016C, round, Ø 1.6 mm

08.906.018C

Diamond, 018C, round, Ø 1.8 mm

85.251.03

Mixing Cup, stainless steel, with plastic lid, Ø 40 mm, 2 pieces included in the set

41.868.08M Micro Sinus Plugger, Plugger

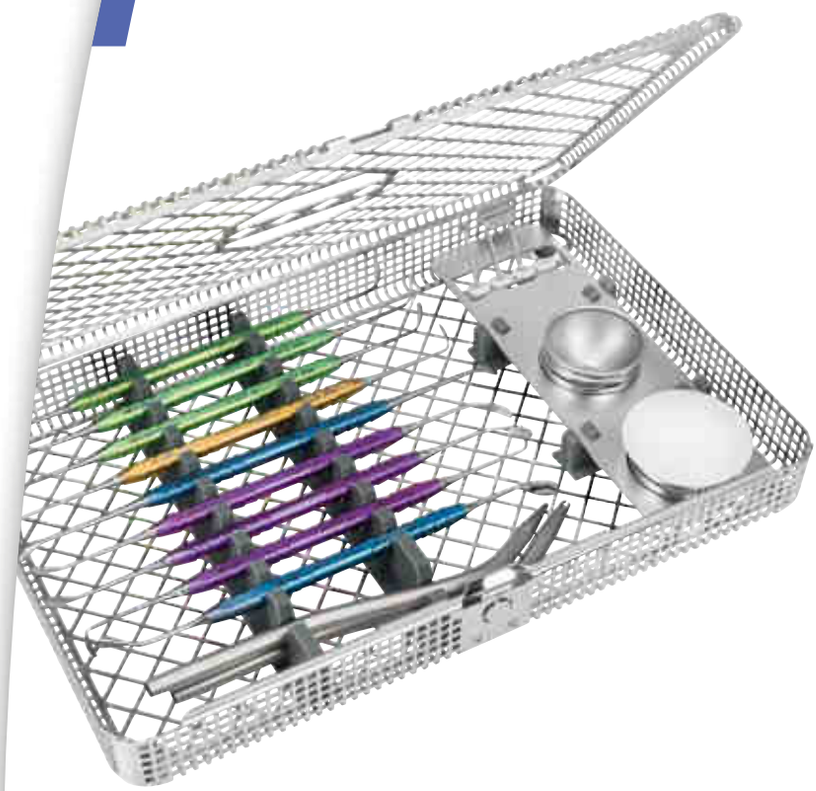
Ø 3.5 / Ø 2.6 mm, titanium handle, blue, double-ended, 17.5 cm, acc. to **Dr. Shakibaie-M.**

41.868.09 Micro Sinus Spoon, Spoon

Ø 8x10 / Ø 4x6 mm, titanium handle, blue, double-ended, 17.5 cm, acc. to **Dr. Shakibaie-M.**

19.651.15M Micro Sinus Aspirator

Sinus-Line, titanium tip modified acc. to **Dr. Shakibaie-M.**



24.995.01

Complete Set incl. 1 x washbasket with lid 85.195.00 and partition for Sinus Instrument Set acc. to **Prof. Dr. Dr. Stiller**

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

Immediate sinus floor elevation
with or without bone cover

The Sinus Instrument Set has been developed together with Prof. Dr. Dr. Stiller and is particulary suited for difficult maxillary sinus structure (septa, maxillary pillars, scarred mutations in change with intact maxillary sinus mucosa).

Advantages of the system:

- Instruments which are adapted and adjusted perfectly to the anatomical conditions in the maxillary sinus.
- Flexible working ends. Instruments are pre-bended for the normal enantral anatomy.
- Two different kinds of instruments with blunt and sharp edges for dissecting mucosa on plane and rough internal surface of the maxillary sinus.

41.822.01 **Stiller** Sinus Elevator, blunt, 4.0 mm, bendable, Titanium **ZEPF**-Line, green, double-ended, 19.5 cm

41.822.02 **Stiller** Sinus Elevator, blunt, 2.5 mm, bendable, Titanium **ZEPF**-Line, green, double-ended, 19.5 cm

41.822.03 **Stiller** Sinus Elevator, blunt, 3.0 mm, bendable, Titanium **ZEPF**-Line, green, double-ended, 19.5 cm

41.822.04 **Stiller** Sinus Elevator, universal, 3.0 mm, Titanium **ZEPF**-Line, yellow, double-ended, 19.5 cm

Surgical Aspirator
Sinus-Line, slotted,
titanium tip, acc. to Dr. Maty

19.651.13 Ø 1.5 mm
19.651.14 Ø 3.0 mm

85.251.04
Mixing Cup, stainless steel,
with plastic lid, Ø 40 mm

85.251.14
Mixing Cup without plastic lid,
stainless steel, Ø 40 mm

41.822.05 **Stiller** Sinus Elevator, universal, 6.0 mm, Titanium **ZEPF**-Line, blue, double-ended, 19.5 cm

41.822.11 **Stiller** Sinus Elevator, sharp, 4.0 mm, bendable, Titanium **ZEPF**-Line, red, double-ended, 19.5 cm

41.822.22 **Stiller** Sinus Elevator, sharp, 2.5 mm, bendable, Titanium **ZEPF**-Line, red, double-ended, 19.5 cm

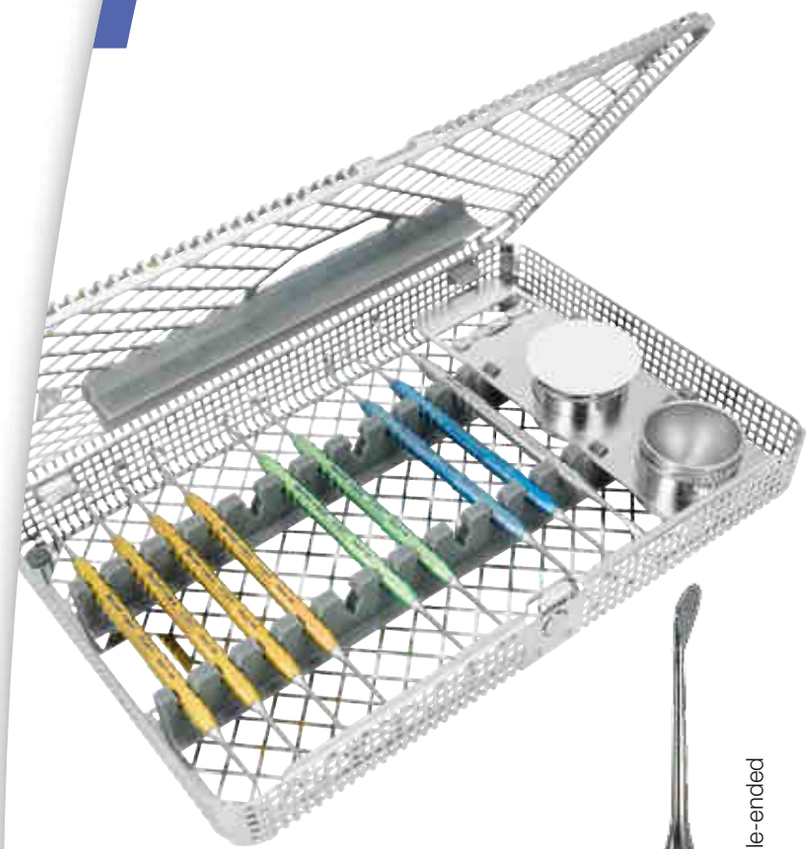
41.822.33 **Stiller** Sinus Elevator, sharp, 3.0 mm, bendable, Titanium **ZEPF**-Line, red, double-ended, 19.5 cm

41.868.07 **Kirsch**, Sinus 7, Plugger Ø 5.0 mm, Spoon 8 x 10 mm, Titanium **ZEPF**-Line Handle, double-ended, 17.5 cm

08.906.029C
Diamond, 029C, round, Ø 2.9 mm

08.906.023C
Diamond, 023C, round, Ø 2.3 mm

08.902.031HF
HB Drill, 031HF, round



Sinus Instrument Set acc. to Dr. Kirsch

24.995.00

Complete Set incl. 1 x washbasket
with lid 85.195.00 and arrangement for
Sinus Instrument Set acc. to **Dr. Kirsch**

Washtrays and washbaskets,
Tray-in-Tray-System,
see pages 10-01 to 10-05!

41.868.01 **Kirsch**, Sinus 1, Elevator 25°, Titanium **ZEPF**-Line Handle, double-ended

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

41.868.03 **Kirsch**, Sinus 3, Elevator 90°, Titanium **ZEPF**-Line Handle, double-ended

41.868.04 **Kirsch**, Sinus 4, Elevator 120°/120°, Titanium **ZEPF**-Line Handle, double-ended

85.251.03

Mixing Cup, stainless steel, with plastic lid, Ø 40 mm

85.190.10

Universal Instrument Rack

41.868.05 **Kirsch**, Sinus 5, Elevator 90°/90°/60°, Titanium **ZEPF**-Line Handle, double-ended

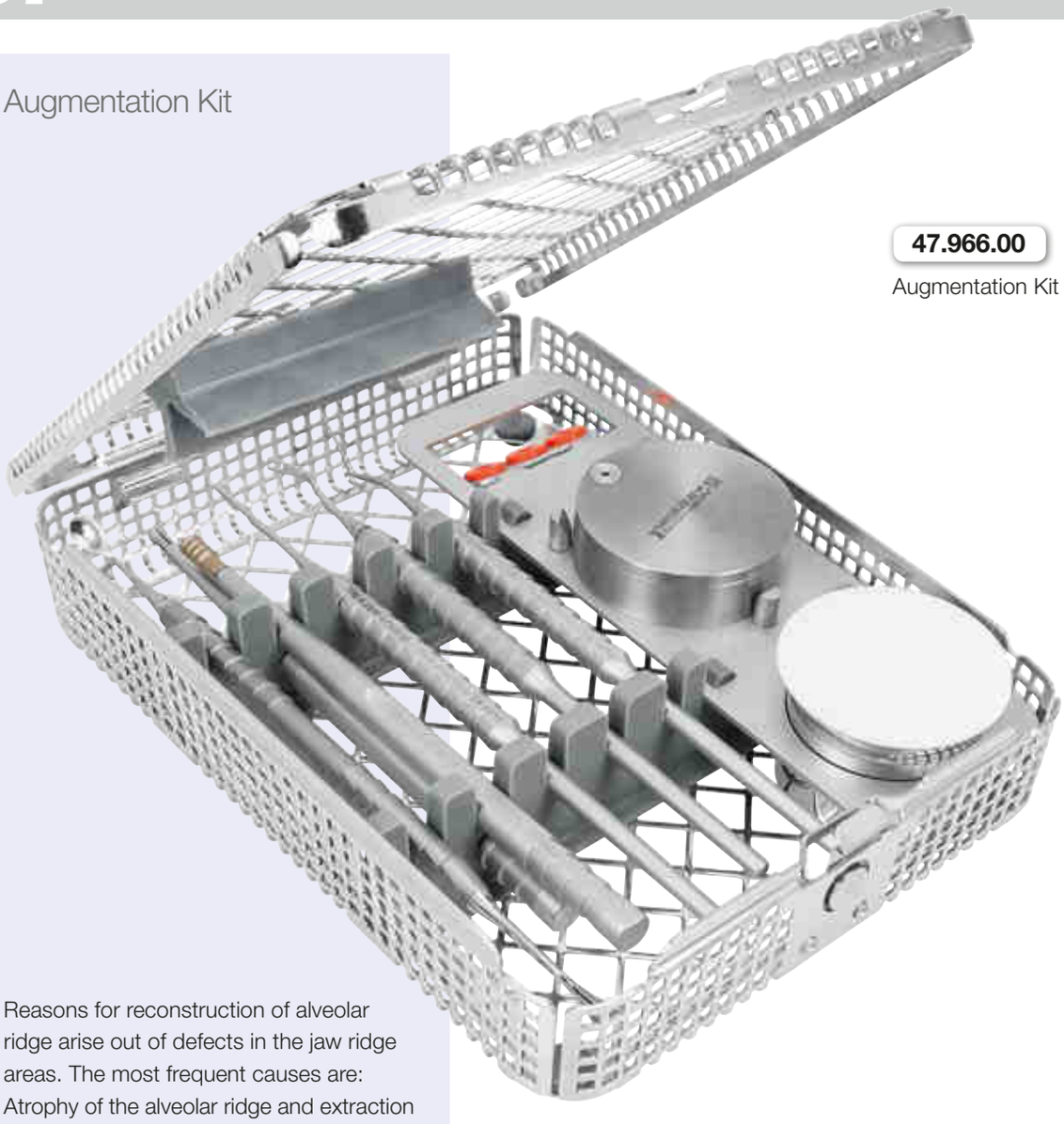
41.868.06 **Kirsch**, Sinus 6, Elevator 90°/90°, Titanium **ZEPF**-Line Handle, double-ended

41.868.07 **Kirsch**, Sinus 7, Plugger Ø 5.0 mm, Spoon 8 x 10 mm, Titanium **ZEPF**-Line Handle, double-ended

41.868.08 **Kirsch**, Sinus 8, convex Plugger Ø 4.5 mm, plane Plugger Ø 2.7 mm, Titanium **ZEPF**-Line Handle, double-ended

24.747.03 Universal Raspatory, exchangeable inserts

Augmentation Kit



47.966.00
Augmentation Kit

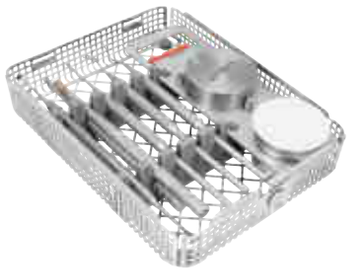
Reasons for reconstruction of alveolar ridge arise out of defects in the jaw ridge areas. The most frequent causes are: Atrophy of the alveolar ridge and extraction defects.

Out of esthetic reasons alone, in visible areas, these defects need to be reconstructed.

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

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

85.255.02
Storage Box for 10 titanium pins, optional

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

ZEPF Augmentation Material Applicator

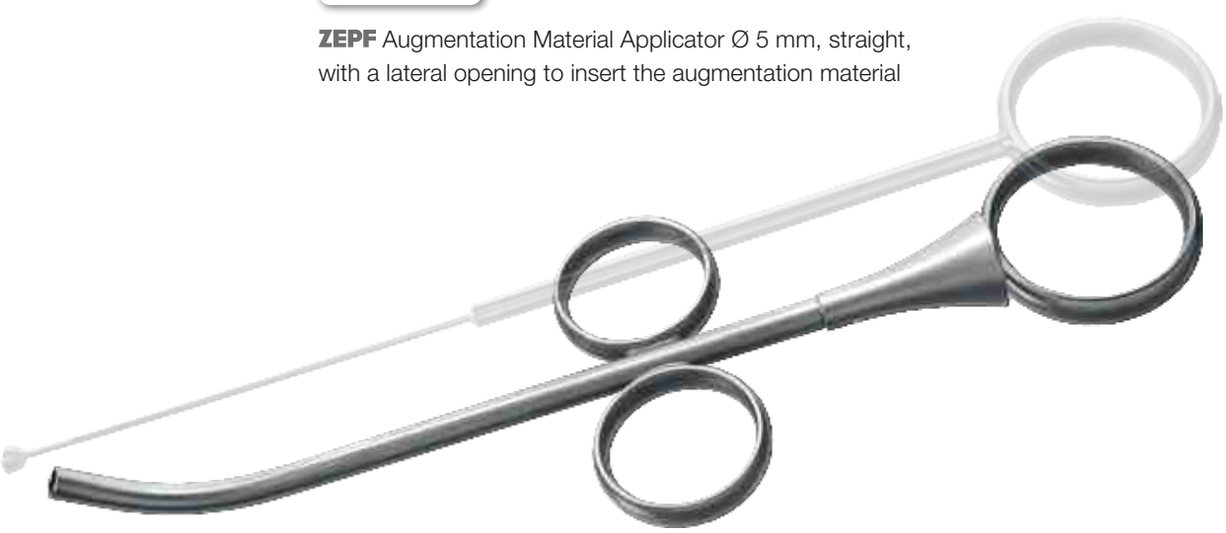
The Augmentation Material Applicator supports the fractional filling of the subantral area with particulate augmentation material. To compact the augmentation material you use a sinus plugger.

The instrument with diameter of 5 mm is loaded laterally.

The augmentation material can be applicated precisely with the injecting mechanism.
The instrument can be taken apart for optimal cleaning.

19.714.16

ZEPF Augmentation Material Applicator Ø 5 mm, straight, with a lateral opening to insert the augmentation material



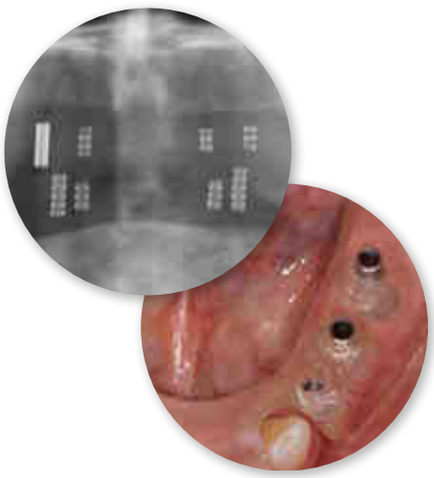
19.714.01 Ø 2.5 mm

19.714.02 Ø 3.5 mm

19.714.03 Ø 4.5 mm

19.714.04 Ø 6.0 mm

Drilling Sleeves acc. to Prof. Dr. Yildirim



08.915.05

outer Ø: 3.0 mm;
inner Ø: 2.05 mm;
length: 10 mm (10 pieces)

08.915.02

outer Ø: 3.5 mm;
inner Ø: 2.55 mm;
length: 10 mm (10 pieces)

ZEPF Flag Holder

Flag Holder for easy and rapid control of parallelism of implant drillings.

08.917.05 5 mm

for front teeth and premolars

08.917.07 7 mm

for molars

08.917.13 13 mm

for checking a bridge; 2 piles as implant and bridge link, premolar

08.917.20 20 mm

for checking a rack supply in the lower front with a minimal distance of 20 mm for both implants

08.917.00

Flag Holder Kit consisting of
08.917.05 - .20 in bur stand

Krekeler Sliding Caliper

31.693.10

Sliding Caliper acc. to Prof. Dr. med. dent. Gisbert **Krekeler** for measuring of implants with locating screw

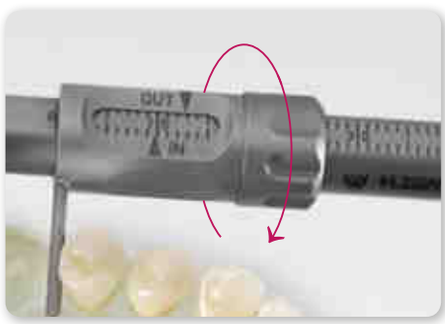
Acc. to Prof. Dr. med. dent. Gisbert **Krekeler**
Modif. Dr. med. dent. Sven Marcus Beschnidt

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

The measuring rods have a thickness of exactly 1.5 mm and allow immediate control of the maximum diameter of the implant which has to be inserted. (In order to assure maximum stability, please chose the largest diameter). Scientific examinations proved that the wall of the bone should have a thickness of at least 1.5 mm in order to avoid bone resorption after implantation. If the sliding caliper with its two measuring rods is inserted in the interproximal gap and opened in such a way that the measuring rods touch the respective root of the neighbor teeth, the maximum possible diameter of the future implant is shown on the marking IN. The upper marking OUT shows the determined outside dimension.

The new locating screw, at the end of the caliper, allows a fixation of the measured result. This practice-oriented development represents a significant relief with regard to a **more precise, quick and and secure work**.

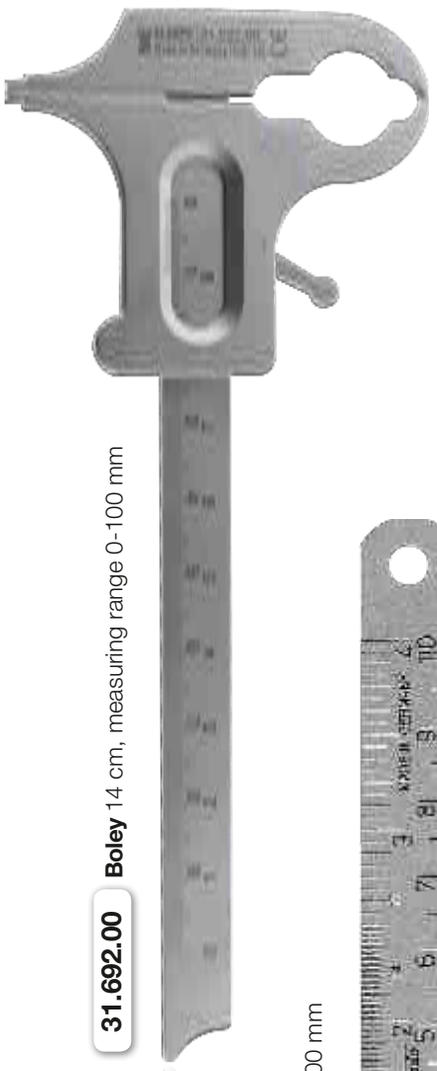
OUT shows the determined outside dimension (Ø 1.5 mm), **IN** shows the inner diameter.



Locating screw for a safe fixation of the measured result.

The hole serves as drilling gauge and drilling guide. The marking allows the determination of the ridge.

Sliding Calipers and Metal Ruler



31.692.00 **Boley** 14 cm, measuring range 0-100 mm

48.286.08 Metal Ruler, 100 mm

48.666.20 Metal Ruler, 200 mm

Bone Caliper

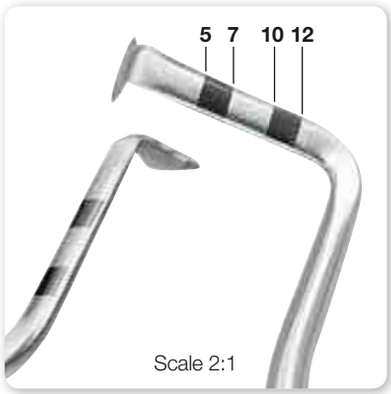
31.691.13

Bone Caliper for measuring the maxillary bone, radial scaling on the shanks of the ring handles, 13 cm

Palatal Knife

acc. to Dr. med. dent. Iman Mizani, MS

The novel Palatal Knife offers an innovative alternative to the conventional scalpel for the preparation of connective tissue graft.
The special design of the instrument promotes faster and safer graft removal. At the same time, the risk of injury to the palatine artery and perforation of the palatal flap is minimized.



Special features:

- angled cutting edge, perpendicular to the palatal bone
- ergonomic, angled instrument neck / shaft
- depth gauge (graduation) for precise dimensioning

Advantages over conventional removal methods:

- enhanced safety through reduced risk of injury to the palatine artery and perforation of the palatal mucosa
- simple and ergonomic handling
- fast, precise preparation of the graft
- consistently uniform thickness of the connective tissue graft
- abrading work and cutting in difficult-to-reach places

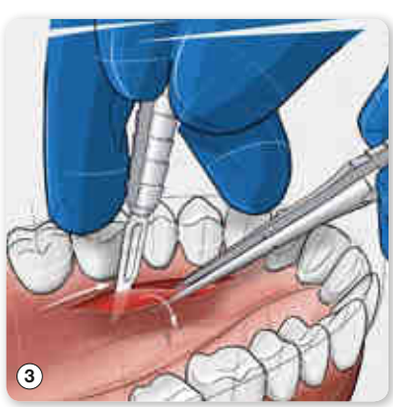
46.040.15

Palatal Knife
acc. to Dr. med. dent. Iman Mizani, MS

Application:

① Singular palatal incision and formation of a flap

② Preparation to gain connective tissue, using the instrument



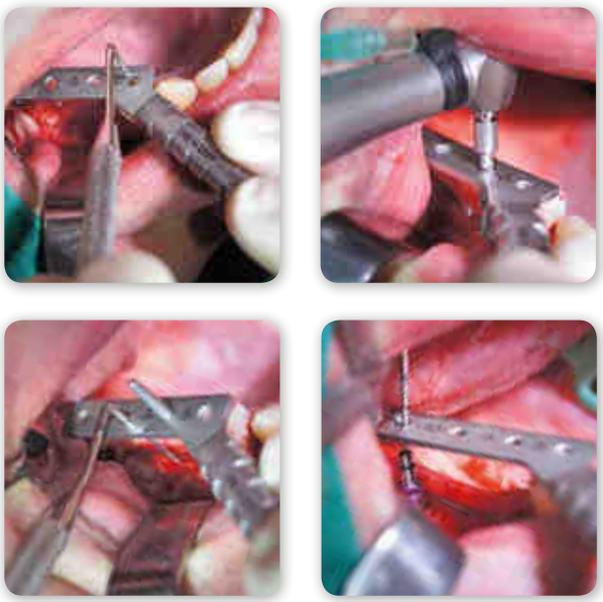
③ Dissection of the prepared connective tissue below the flap, removal of connective tissue as soon as the base is detached from the palatal bone

Implant Guide

for the posterior tooth region, according to Wiedemann

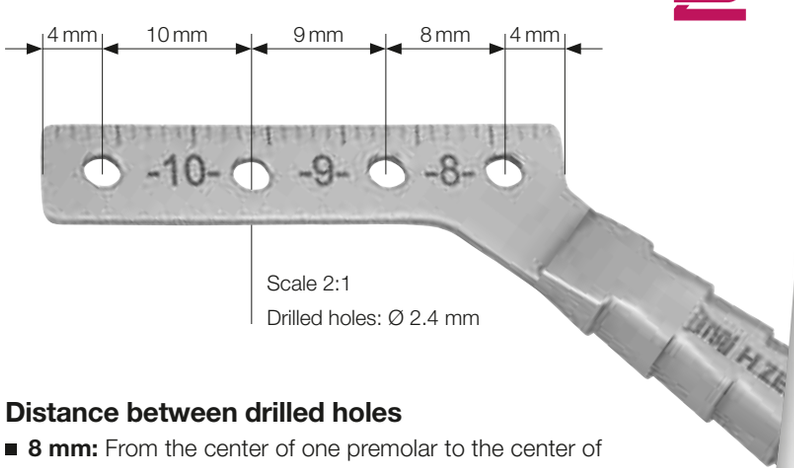
This method quickly and effectively finds the optimal position for the implants in the posterior region.
Here, a standard tooth width is assumed.
Premolars 8 mm, molars 10 mm, so 1/2 premolar = 4 mm, 1/2 molar = 5 mm

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



31.683.00

Drilling Template
acc. to Wiedemann



Scale 2:1
Drilled holes: Ø 2.4 mm

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-dental.com

VDDI Dental Solutions. German Manufacturers

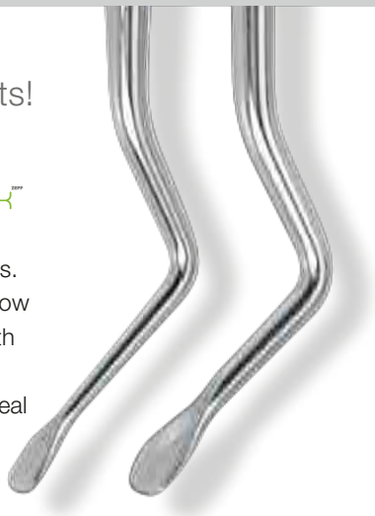
MADE IN GERMANY

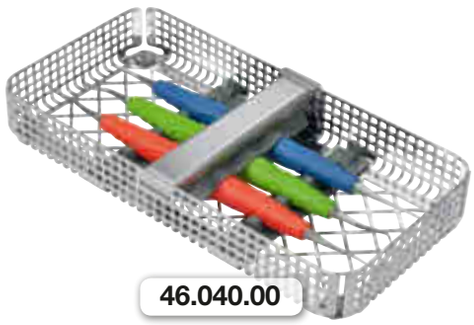
ZEPF Tunneling Instruments

2 NEW **ZEPF** Tunneling Instruments!

Tunneling Instruments with a new angle

By request of several users, the modified bionik™ Tunneling Instruments from **HELMUT ZEPF** have now been supplemented with two new instruments. The instruments curved beyond the working tip allow even better access, especially in the posterior tooth region. Available in two sizes, depending on the extent of tunneling, the user can now select the ideal instrument for his / her purposes.





46.040.00

Set for tunneling technique, consisting of:
1/3 Washtray,
Tunneling Instruments
1 upper jaw 46.040.01,
2 lower jaw 46.040.02,
3 upper / lower jaw
combination 46.035.20

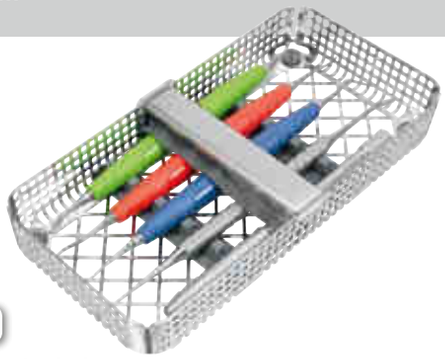
Tunneling Instrument # 3, 1.8 mm, 45° angled

Tunneling Instrument # 4, 2.5 mm, 45° angled

46.040.03 **46.040.04**

bionik™ ZEPF

reddot design award
winner 2010



46.040.30

Set for tunneling technique
with 3 Tunneling Instruments like Set 46.040.00,
Micro Surgical Scalpel Handle 46.013.00Z
and Periosteal Elevator 41.864.30
(**ZEPF**-Line, round-tip 2.8 mm, lance-tip 2.4 mm)

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 shape delicate 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

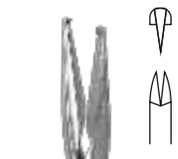
Periodontal Knife for tunneling technique in the lateral tooth region. The slightly curved, pointed working tips are ideal to dissect in the lateral tooth region

46.040.08

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

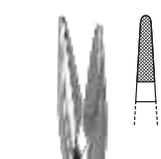
46.040.09

Double-Action Instruments



4/0 - 6/0

22.830.17 Double-Action Micro Forceps, transmitted, **ZEPF**-Line, 17.5 cm, 1 x 2 teeth, thread plate 10 mm, jaw width 0.6 mm, SpinLock



4/0 - 8/0

41.017.17 Double-Action Micro Needle Holder, transmitted, **ZEPF**-Line, 17.5 cm, tungsten carbide, serrated, jaw width 0.6 mm, SpinLock

SpinLock TECHNOLOGY BY HELMUT ZEPF

What is the ZEPF SpinLock?

The parallel lock known from standard needle holders has been replaced with the new SpinLock technology. This avoids that the suture material gets caught up on the needle holder.

conventional lock

The **HELMUT ZEPF** Double-Action Instruments are consisting of a Micro Needle Holder and a pair of Micro Forceps.

The instruments were technically modified in the region of the instrument lock. The usual parallel screw lock has been replaced by a new axially turned lock to reliably prevent the suture material from sticking to the needle holder during knotting.

Advantages of the Double-Action Instruments

- double transmission to allow tactile handling
- made of special stainless steel
- needle holder with tungsten carbide insert to guarantee a long service life
- due to the round shape, the rotation is considerably facilitated, in particular during suturing, contrary to usual flat micro needle holders
- the turned design prevents threads from getting stuck

onyx

ZEPF Micro Scissors

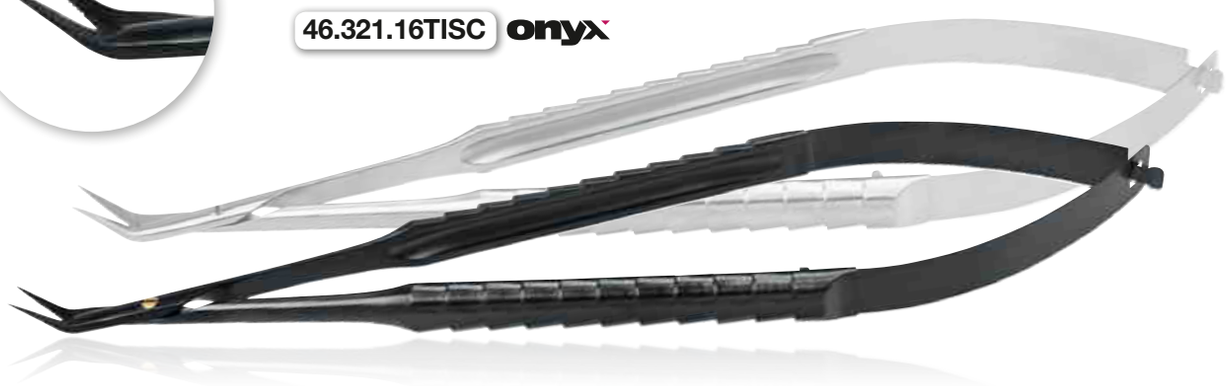
Onyx-coated scissors offer a 3-5 times higher surface hardness. In combination with the “Supercut” grinding, this guarantees an extremely long product life and application as well as a very high precision and wear resistance. The extraordinary surface smoothness is leading to an easy slide of the scissor blades even under highest strain.

Furthermore, the anti-glare surface avoids disturbing light deflections.
The extremely smooth surface prevents adhesion of proteins.

Micro Scissors sharp / sharp, 45° angulated, **ZEPF**-Line, 16 cm

46.321.16 stainless steel

46.321.16TISC onyx



Micro Scissors sharp / sharp, curved, **ZEPF**-Line, 17 cm

46.319.17 stainless steel

46.319.17TISC onyx

Suture Removal Scissors
acc. to Dentist Beck

SpinLock TECHNOLOGY BY HELMUT ZEPF

The newly developed **HELMUT ZEPF** Suture Removal Scissors are combining two functions in one instrument.

Sectioning and Retaining

The curved micro scissors won recognition for periodontal microsurgery.
They are qualified for controlled cuts in the soft tissue and their main task is the sectioning of the suture (ill. 1).

They are curved for an ideal access to all oral regions. One blade of the scissors is micro-serrated to prevent the soft tissue and the thread from slipping off (ill. 2).

The new trademarked gripping function allows the scissors to be used for the sectioning of the suture and subsequent thread removal without requiring a second instrument (ill. 2).

1

2

46.319.17N

Suture Removal Scissors with retaining function for suture removal by Dentist Beck, micro-serrations, sharp / sharp, **ZEPF**-Line, curved, SpinLock, 17.5 cm

Needle Holder
acc. to Dr. Kirsch

Needle Holder by Dr. Kirsch, lock, double spring, SpinLock, 17.5 cm, TC

41.200.17TC-K straight

41.201.17TC-K curved

Macro / Micro Needle Holder

SpinLock TECHNOLOGY BY HELMUT ZEPF

41.010.17TC-M **Macro Needle Holder** 18 cm, TC
macro bit 11 x 2.0 mm, straight, **ZEPF**-Line, lock

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.

41.201.15TC

41.200.17TC

Micro Needle Holder
ZEPF-Line, with lock and protected inner spring, SpinLock, TC

41.200.15TC stainless steel, 16 cm
41.200.17TC stainless steel, 17.5 cm

41.201.15TC stainless steel, 16 cm
41.201.17TC stainless steel, 17.5 cm

Micro Needle Holder

41.010.17TC **Micro Needle Holder**

TC, straight, **ZEPF**-Line, lock, SpinLock, 17.5 cm

41.011.17TC **Micro Needle Holder**

TC, curved, **ZEPF**-Line, lock, SpinLock, 18 cm

41.015.17 **Micro Needle Holder**

Hold'n'Cut by PD Dr. Weng, combined with scissors, SpinLock, TC

The front part of the Hold'n'Cut Micro Needle Holder holds the end of the needle when entering the flap.

The front part of the needle holder, together with the micro surgical tweezers, holds the thread ends when knotting.

The back part of the Hold'n'Cut Micro Needle Holder offers scissors for the cutting of the thread without changing the instrument or needing any additional scissors.

Micro Forceps with Diamond Coating

Some forceps can also be ordered with diamond coated tips for better grip.

Cooley 18 cm

22.815.17 stainless steel

Cooley 18 cm

22.816.17 stainless steel

Tissue Forceps 1 x 2 teeth, 17.5 cm

22.811.17 stainless steel

22.811.17D diamond-tipped

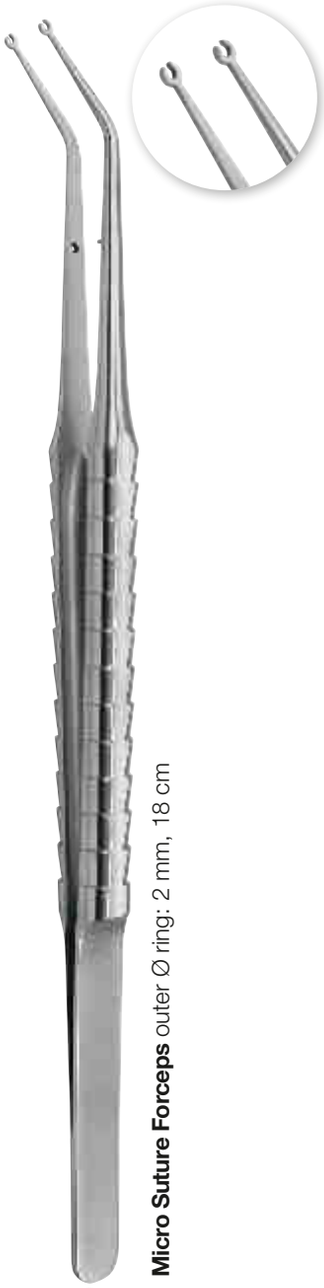
Tissue Forceps 1 x 2 teeth, 17.5 cm

22.810.17 stainless steel

22.810.17D diamond-tipped

Micro Forceps with Diamond Coating

Some forceps can also be ordered with diamond coated tips for better grip.



Micro Suture Forceps outer Ø ring: 2 mm, 18 cm

22.814.17 stainless steel

Dressing Forceps smooth, 18 cm

22.821.17 stainless steel

22.821.17D diamond-tipped

Dressing Forceps smooth, 18 cm

22.820.17 stainless steel

22.820.17TC TC inserts

22.820.17D diamond-tipped

Tissue Forceps Atraumatic, smooth, ring 1 x 0.5 mm, 18 cm

22.812.17 stainless steel

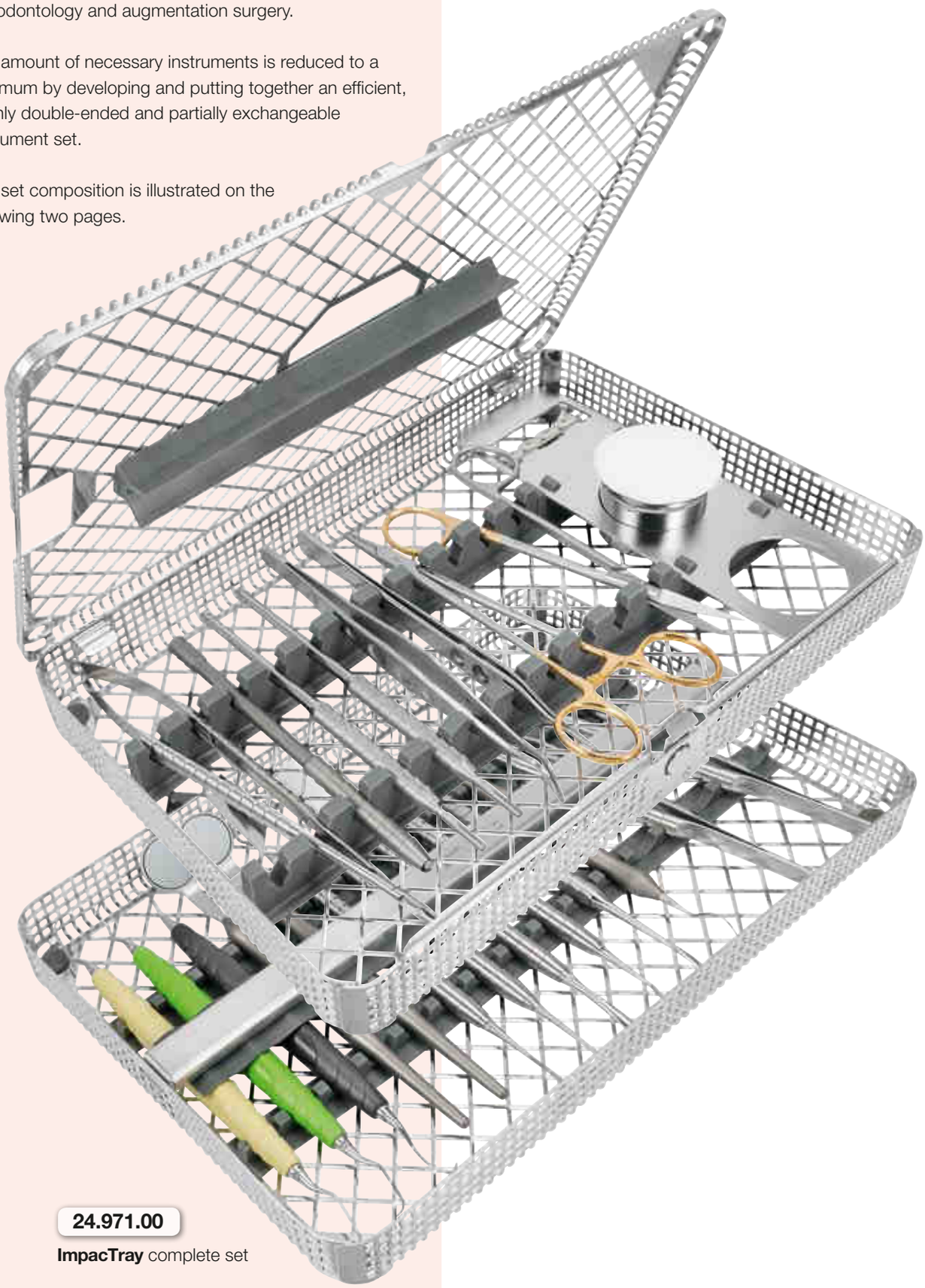
ImpacTray

acc. to PD Dr. Weng, Starnberg

The ImpacTray acc. to PD Dr. Weng makes micro as well as macro surgical operations possible in implantology, periodontology and augmentation surgery.

The amount of necessary instruments is reduced to a minimum by developing and putting together an efficient, mainly double-ended and partially exchangeable instrument set.

The set composition is illustrated on the following two pages.



24.971.00

ImpacTray complete set

ImpacTray acc. to PD Dr. Weng, Starnberg

The **ImpacTray** Set **24.971.00** incl. washtray consists of:

46.035.05 **PapillEx** Papilla Elevator acc. to **PD Dr. Weng**, Starnberg

The blunt working end of the PapillEx has a lenticular shape and allows gentle elevation of the tip of the papilla by turning the instrument while positioned adjacently to the cervical part of the tooth.
The sharp working end, which is slightly bigger, is used to remove the periosteum from the bone along the sulcular or vertical incision.
Both working ends are exchangeable and can be removed from the instrument shank if necessary.

41.015.17 **Micro Needle Holder**

Hold'n'Cut acc. to **PD Dr. Weng**, Starnberg, combined with scissors, SpinLock

85.252.25 **Medicine Cup** 25 ccm, stainless steel

41.252.15TC **Crile-Wood** straight, 15 cm

24.210.01L bionik Universal Curette, **Langer** # L1/2, black, exchangeable

24.208.03L bionik Universal Curette, **Langer** # L3/4, yellow green, exchangeable

24.201.05L bionik Universal Curette, **Langer** # L5/6, yellow, exchangeable

41.848.08 Sinus Elevator, double-ended 4.2 mm / 3.6 mm, blunt

K2019-07/1-E

CE All CE marked products according to the Medical Device Directive 93/42/EEC are mentioned in the index from page 11-07.

22.489.00M Micro-Adson 1 mm, with suture disc, 15 cm

22.810.17 Micro Tissue Forceps, 1 x 2 teeth, 17.5 cm

46.081.16SC Joseph Scissors curved, micro serrated, 14 cm

22.025.03 Tweezers with stop-pin, ergonomic, 15 cm

24.087.02 Mouth Mirror Handle, titanium, Capstan-Line, with Mirror 24.071.22

26.183.00 Desmotome for cutting the desmodontal fibres, titanium

24.747.04 **Prichard** Raspatory

24.747.06 **Kirkland** # 15/16, exchangeable

46.013.00Z Micro Surgical Scalpel Handle, titanium, **ZEPF**-Line, 13 cm

46.007.00 Scalpel Handle, **ZEPF**-Line, straight (without blade)

24.114.00 Probe combination by **PD Dr. Weng**, Starnberg

Papilla Elevators

46.035.05 **PapillEx** Papilla Elevator by **PD Dr. Weng**, Starnberg

The blunt working end of the PapillEx is lentiform and allows gentle elevation of the tip of the papilla by turning the instrument while positioned adjacently to the the cervical part of the tooth.
The sharp working end, which is slightly bigger, is used to remove the periosteum from the bone along the sulcular or vertical incision.
Both working ends are exchangeable and can be removed from the instrument shank if necessary.

46.035.00 **Papilla Elevater** to prepare fine soft tissue structures, **ZEPF**-Line, exchangeable inserts, 17.5 cm

---

Micro Scalpel Handles **ZEPF**-Line, 13 cm

46.013.00Z Titanium, included in the set illustrated on page **08-11**

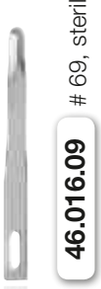
46.013.05 Stainless steel

Micro Scalpel Blades for Micro Blade Holders, supplied in packs of 25 pieces

63, sterile **46.016.03**

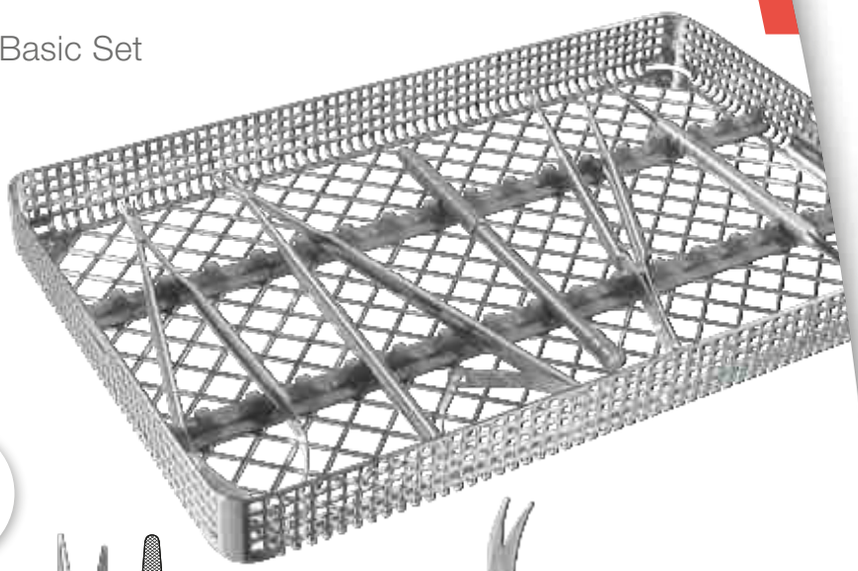
64, sterile **46.016.04**

67, sterile **46.016.07**



69, sterile **46.016.09**

ZEPF Soft Tissue Micro Instrument Basic Set



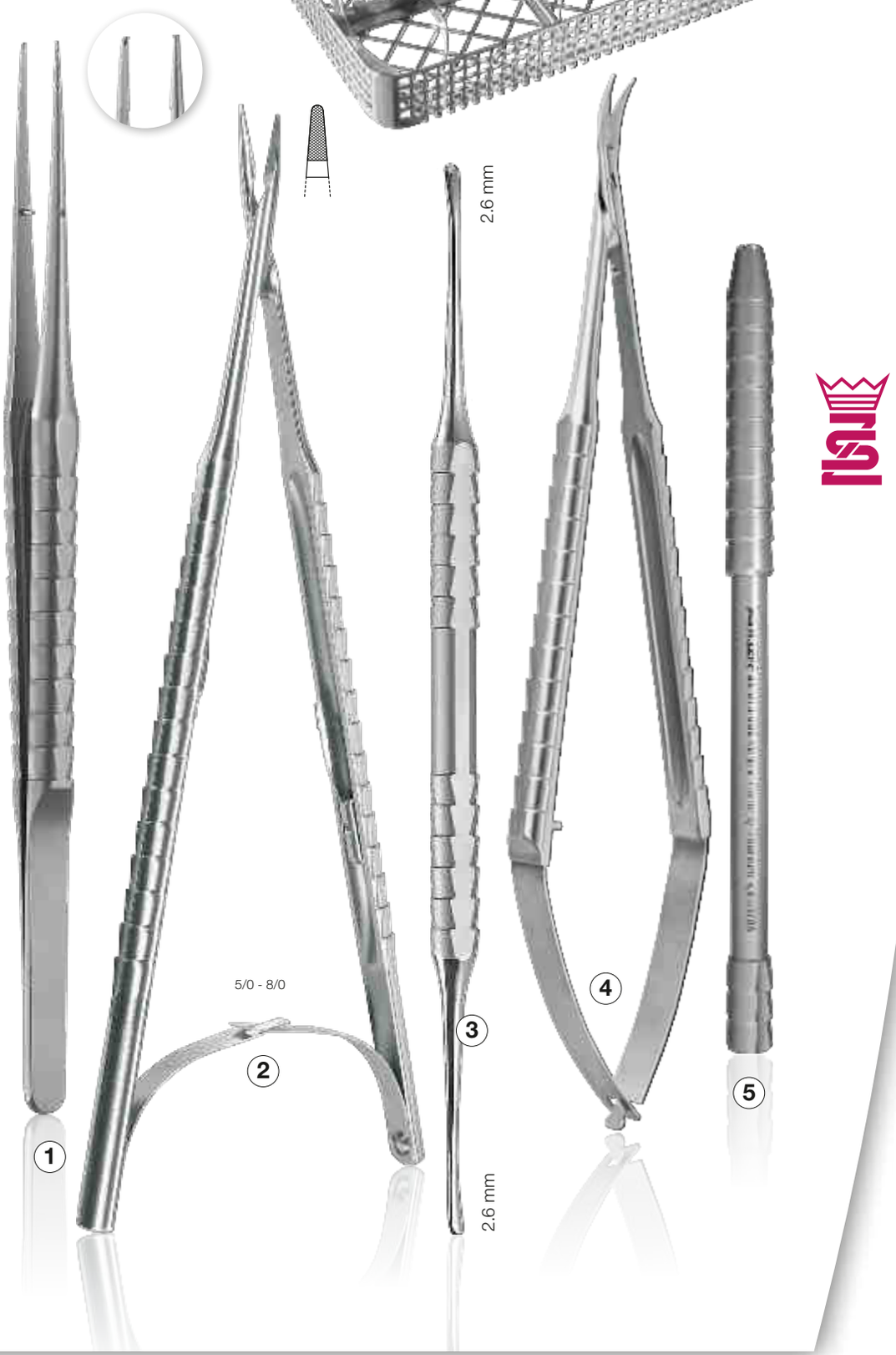
24.967.05

ZEPF Soft Tissue Micro Instrument Basic Set

85.180.00

Incl. washtray 1/1, with 2 instrument supports and 1 longitudal instrument retainer, dimensions: 275 x 178 x 24 mm

containing:



1 **22.810.17**

Tissue Forceps, straight, stainless steel, **ZEPF**-Line, with guide pin, 1 x 2 teeth, 17.5 cm

2 **41.200.17TC-K**

Needle Holder by **Dr. Kirsch**, straight, TC, lock, double spring, SpinLock, 17.5 cm

3 **41.864.13**

Raspatory, **ZEPF**-Line

4 **46.319.17**

Suture Removal Scissors with micro-serrations, sharp/sharp, curved, **ZEPF**-Line, stainless steel, 17 cm

5 **46.013.00Z**

Micro Surgical Scalpel Handle, **ZEPF**- Line, light version, titanium, 13 cm

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VDDI Dental Solutions. German Manufacturers

MADE IN GERMANY

ZEPF Crown-Spreading Pliers

The **HELMUT ZEPF** Crown-Spreading Pliers are perfectly designed for the spreading of crowns without pressure on the root and neigbour tooth.

The spreadding function of these pliers guarantee a safe and anatomical correct application.
The power is not anymore transfered to adjacent teeth, roots or the jaw as with conventional crown spreading pliers.

19.277.01Z

Crown-Spreading Pliers by Bauer, modified DBGM, 14.5 cm

Universal Forceps

These **HELMUT ZEPF** All-purpose Pliers should be on hand at any treatment unit. They may be used for securely grasping temporary plastic crowns, bridges, nerve instruments, stuck matrices, fixing inlays, setting interdental wedges, etc., and may be used on both upper and lower jaws.

Their tungsten carbide steel jaws provide a secure grip.

19.281.15TC

Universal All-Purpose Forceps, TC, 14.5 cm

ZEPF Tele-Grip

Easy and thus precise adjustment!

There is always a demand for a precise and above all a sensitive adjustment of a Tele-Grip, to avoid a high tension (damage caused by deformation) in critical situations.

The previous function was only partly given, especially in bigger spreading ranges it was only possible under restrictive conditions. Thus, the durability was affected due to the resulting thread damages.

The **HELMUT ZEPF** Tele-Grip has a movable threaded bearing. As a result, the adjusting screw can be aligned easily and in a most sensitive way throughout the setting range.

gently opening in every position

moveable thread bushings for a gentle and precise opening and adjusting without causing thread damages

31.182.01

Tele-Grip, Telescope Crown Forceps, curved, exchangeable, 15 cm

Inlay Forceps

19.274.60

Self-retaining Inlay Forceps,
exchangeable jaws, 15 cm,
incl. 10 pairs plastic jaws

19.274.50

Inlay Forceps,
exchangeable jaws, 15 cm,
incl. 10 pairs plastic jaws

Crown-Tractor Crown-Extraction Pliers with interchangeable plastic tips

Adjust the screw on the 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
and 40 Plastic Polymer Tips

Crown Butler

19.275.01 Insert # 1

19.275.02 Insert # 2

19.275.04 Insert for Crown-Butler, Crown-Removing-Plier

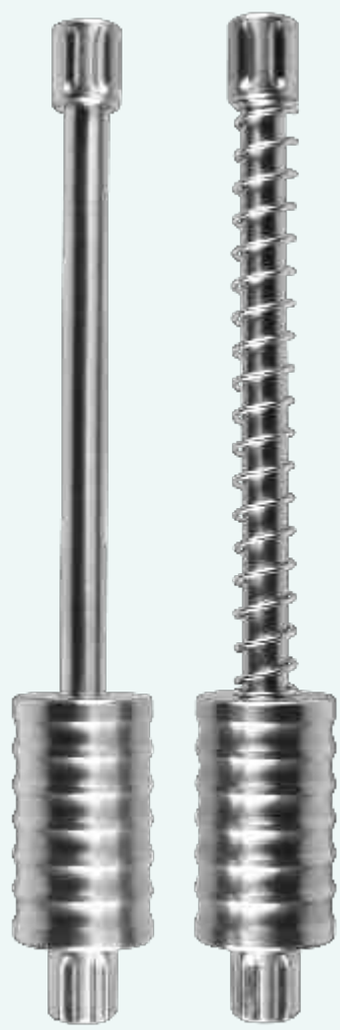
19.275.00
Crown-Butler, automatic crown remover, incl. 2 inserts 19.275.01 and 19.275.02

Miller Crown Ring Remover

19.272.01 Insert for **Miller** # 1

19.272.02 Insert for **Miller** # 2

19.272.03 Insert for **Miller** # 3



Miller
Crown Ring Remover

19.272.00
with 3 inserts (# 1-3) and weight

19.272.10
with weight

19.273.00
with 3 inserts (# 1-3), weight and spring

For Temporary Bridges and Crowns

31.184.13

Crown Holding Pliers, with ring, curved, 13 cm

19.281.16

Removing Pliers for temporary bridges and crowns, TC inserts, 16 cm

19.279.00

All-Purpose Crown Lever for occlusal, buccal, palatal or labial use in the maxilla, 14 cm

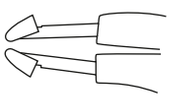
31.185.02

Telescope Crown Pliers, with 2 exchangeable diamond tips 1.65 mm

Telecrown-Grip

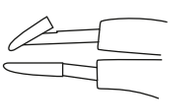
These Telescoping-Jaw Pliers offer three variation possibilities in one.
Their adjustable and rigid tips have a first-class, anatomically correct friction coefficient.

The design of the contacting surfaces of their diamond-tipped jaws significantly extends jaw service life.
The choice of configurations allows adapting them to suit patients' anatomies.



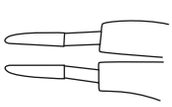
31.185.00

Telecrown-Grip,
bilaterally adjustable, 2.35 mm,
diamond-tipped jaws with
exchangeable, movable tips,
incl. Allen Key, 13 cm



31.185.01

Telecrown-Grip,
unilaterally adjustable, 2.35 mm,
diamond-tipped jaws with
exchangeable tips, 1 movable tip,
incl. Allen Key, 13 cm



31.185.04

Telecrown-Grip,
rigid, 2.35 mm, diamond-tipped
jaws with exchangeable tips,
incl. Allen Key, 13 cm

Spare Parts

31.185.10 1 pair of diamond-tipped jaws, adjustable, 2.35 mm

31.185.12 1 pair of diamond-tipped jaws, rigid, 2.35 mm

31.184.01 Allen Key, SW 1.5

Modeling Instruments – Precision in Perfection

Quality MADE IN GERMANY for the quality-conscious technician.

28.130.00 Carving Instrument, Hollenback, # 3

28.116.00 Carving Instrument, Ward

24.353.02 Carving Instrument, Mitchell

28.114.00 Hylin

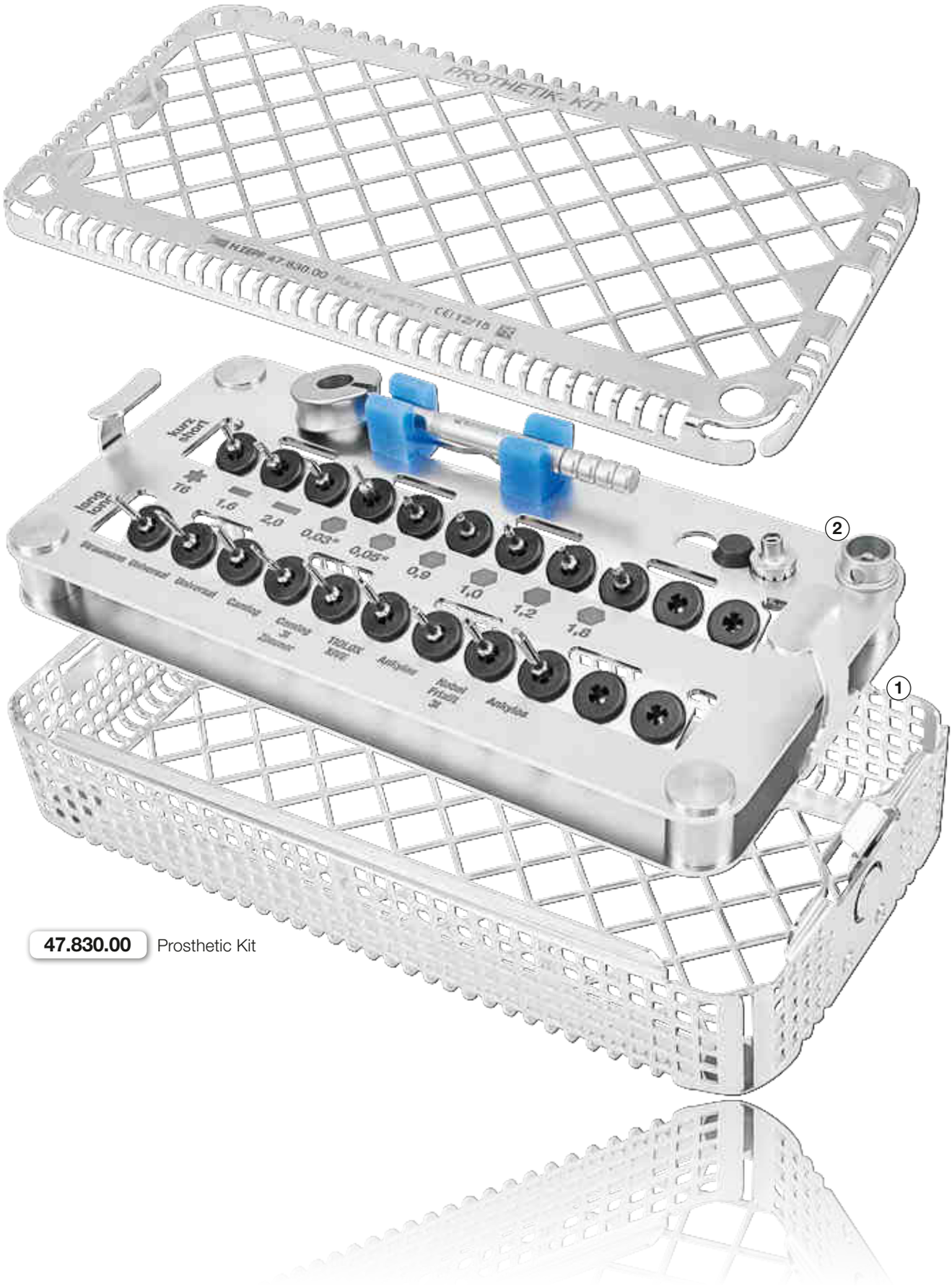
28.111.01 Hylin - Le Cron

28.110.01 Wax Carver and Curette

28.161.13 Wax Carver, Fahnenstock, stainless steel, 12 cm

28.161.17 Wax Carver, Fahnenstock, stainless steel, 17 cm

Prosthetic Kit



47.830.00 Prosthetic Kit

Prosthetic Kit

Every day, you have to loosen all kinds of implant abutments in the practice / in the laboratory? In order to facilitate your work, **HELMUT ZEPF** has created a prosthetic set allowing you to loosen more than 90 % of all screws available on the market.
All instruments are numbered and dispose of a RA-HEX connection. This means that these instruments can be used either in a contra-angle handpiece or in a ratchet.

Advantages Prosthetic Kit

In the RA-Hex-Adapter the inserts will be picked up.

RA-Hex Adapter inserted in ratchet. Shown with demounted handle for use as finger ratchet. Information: The RA-Hex-Adapter has a rotating finger rest available (see red arrow).

Among the recessi for two RA-Hex-Adapters a socket for a comfortable removal of the screwdriver inserts from the RA-Hex-Adapter is located.

Optionally, the finger ratchet can be used with an extension piece. The set can also be completed by a torque wrench which is adjustable from 10 - 40 Ncm and has a fixation function to deactivate the torque.

The storage tray is made of stainless steel and contains a description of each individual screwdriver in order to facilitate the identification of the tools required for the respective screw.
The tray fits into a basket and can be reprocessed reliably according to the RKI guidelines.

47.830.00 Complete Prosthetic Kit consisting of:

Shape	Screwdrivers with dental lock	short, 21 mm	long, 26 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	47.525.50	
4	Ratchet with demountable handle for Prosthetic Kit	47.525.55	
5	Optional Accessory: Torque Wrench (not included in the set)	47.803.02*	

ALL THE TRADEMARKS ARE THE PROPERTY OF THE RESPECTIVE COMPANIES.
We assume no liability for deviations due to tolerances of implants.

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VDDI Dental Solutions. German Manufacturers

MADE IN GERMANY

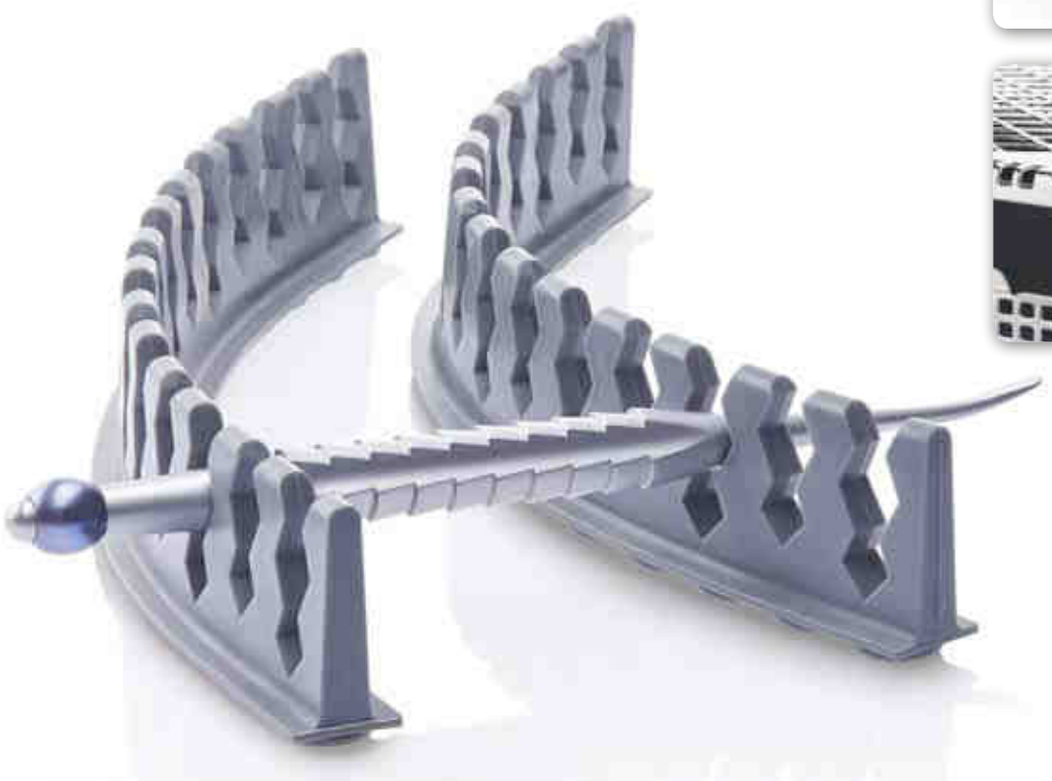
ZEPF care SYSTEM

The Modular Hygiene System

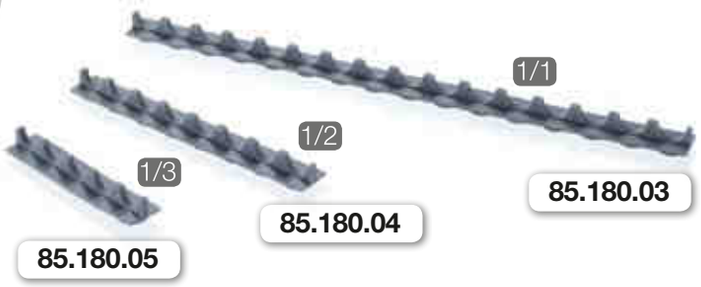
Flexible, efficient and approved safe. The **ZEPF** -Care Universal Silicone Profile allows an easy placement of the instruments after a surgery. For sterilization and cleaning, the instruments are inserted in the profile according to their diameter and are immediately secured.

Additionally, we have equipped the **ZEPF** -Tray and Basket-System with silicone base. Therefore the tray guarantees an anti-slip position and the stacking stability is improved at the same time.

Suitable for standardized sterilization containers, it's available in four different sizes for an ideal working potential. Placesaving, secure and very practical and with a removable lid.



Profile, low



ZEPF care system

The **ZEPF**-Care-System increases your efficiency, as you can assemble your trays in a process-oriented way and work accordingly.
You will meet the requirements of the RKI and the accident prevention regulation.
It doesn't matter whether you are cleaning your instruments manually or automatically.

Washtrays

85.182.00

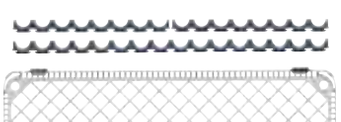
1/3 178 x 90 x 24

85.181.00

1/2 178 x 135 x 24

85.180.00

1/1 275 x 178 x 24



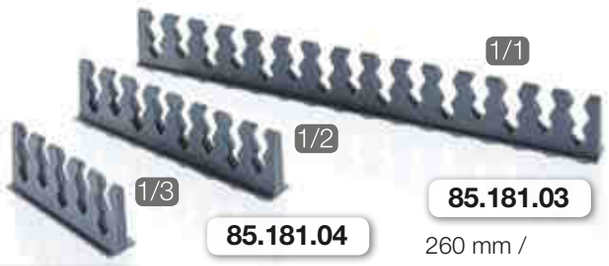
85.180.10

1/1 275 x 178 x 24

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 tray.
- The risk of injury is reduced.

Profile, high, universal



85.181.05
81 mm /
for 5 instruments

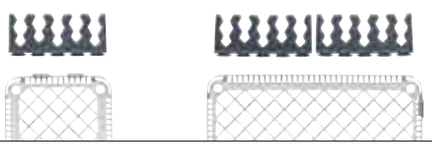
85.181.04
130 mm /
for 8 instruments

85.181.03
260 mm /
for 15 instruments

Washbaskets

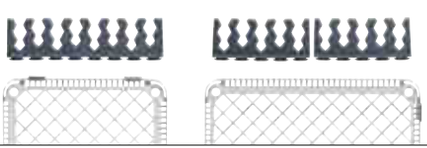
85.192.50

1/3 178 x 90 x 37

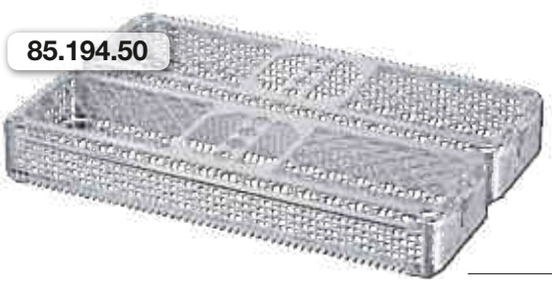


85.194.00

1/2 178 x 135 x 37



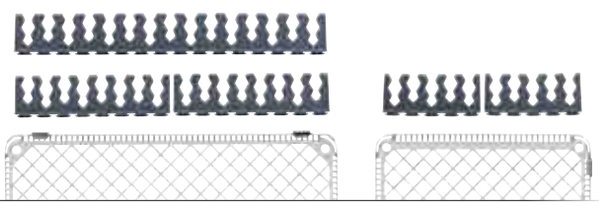
85.194.50



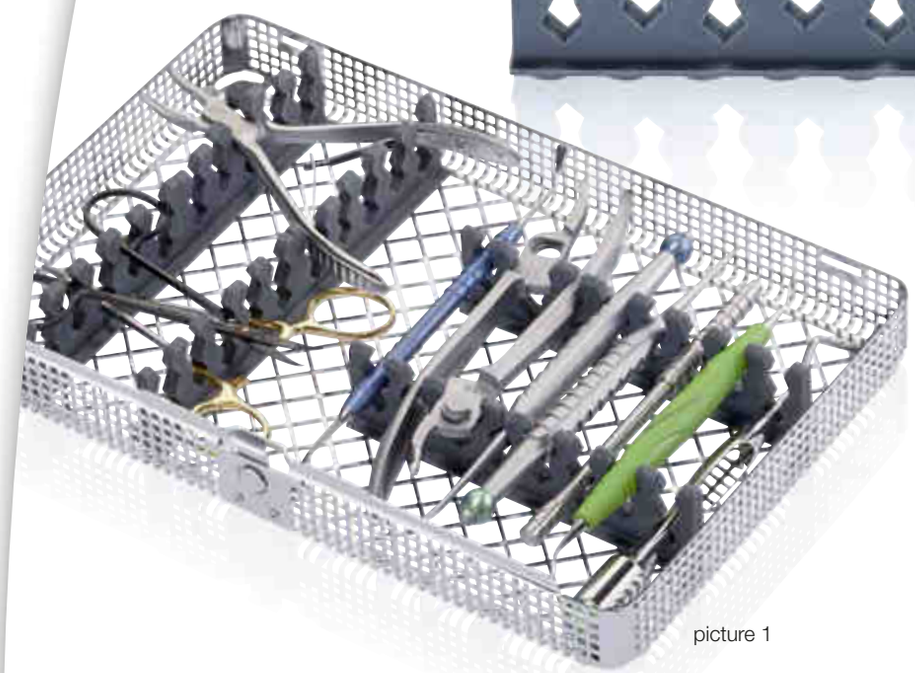
1/2 275 x 86 x 37

85.195.00

1/1 275 x 178 x 37



Profile, high, universal
(example see picture 1)



picture 1

intelligent

flexible

modular

Arranged in a practice-oriented way

As a result of the high and low configuration of the profile sections, the instruments can be placed in a space-saving way and can be removed easily.

It is possible to place two instruments above each other in one profile section. Contact of the instruments should be avoided in order to prevent contact corrosion.

Tip:

The following instrument combinations are **possible** should they contact each other:

- plastic / plastic ✔
- plastic / metal ✔
- titanium / titanium ✔
- titanium / metal ✔

In case of contact, the following instrument combination is **not possible**:

- metal / metal ✘

The modular concept of the three different lengths can be tailored according to your request.

The ‘universal profile’ is compatible with the ‘low profile’ in order to ensure a secure hold of different instrument diameters and variations.

For special cases, we recommend the assembly of our press pad in the lid.

There are no limits set regarding design of your personalized tray.

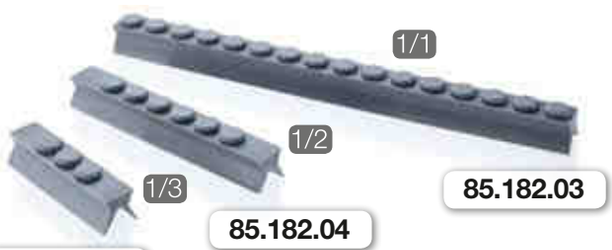
Profile, high, with individual water jet cutting
(example see picture 2)

picture 2

Profile, high, individual

85.181.09

Press Pad



85.182.03

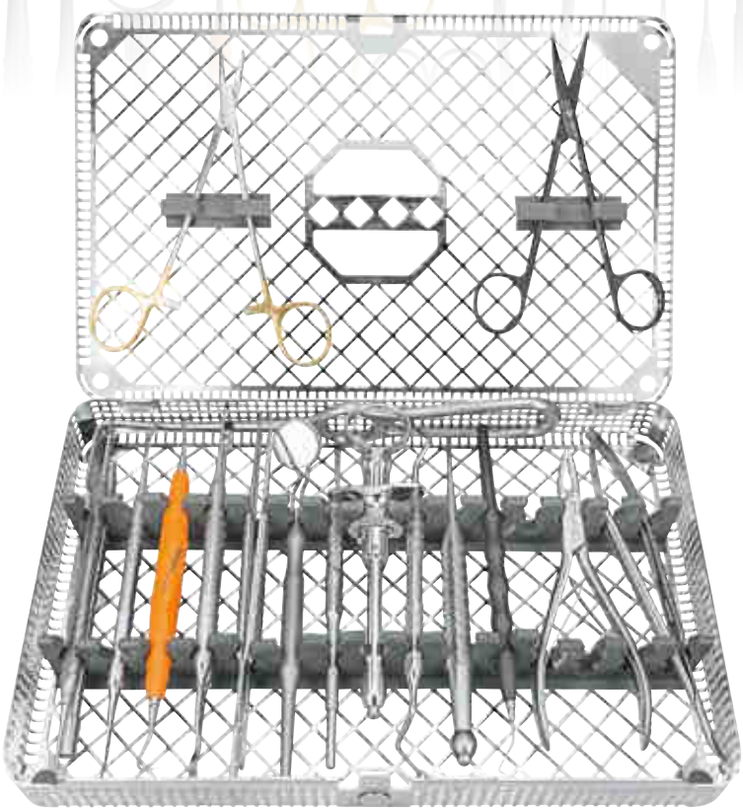
85.182.04

85.182.05

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

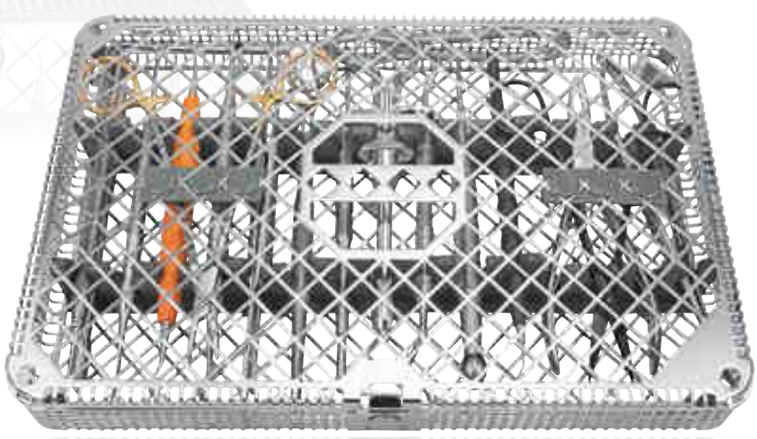
85.182.08

ZEPF care SYSTEM



ZEPF-Care Washbasket – the Space Wonder

Example: equipped wash basket 1/1



ZEPF care SYSTEM

ZEPF care SYSTEM

Aluminium Sterilization Container in 5 Sizes

Through the integrated filter in the lid and the base the Sterilization Containers are suitable for all steam sterilization methods:

- fractionized vacuum method
- fractionized steam method
- gravitation method
- pre-vacuum method

Different dimensions and stackability allow easy handling and optimal organization. The containers can be used for storing sterile goods and also for disposing contaminated instruments.

The newly developed latch system prevents accidental opening of the container and assures a simplified handling for the sterilization preparation.

The optimized sealing system assures a safe fixing of the filter.

Bottom and lid is perforated, optimized latch system, incl. 2 long-term textile filters
Dimensions in mm:
Outside:
Width 310 / Depth 190 / Height X
Inside:
Width 280 / Depth 182 / Height X

85.327.00

Height X in mm:
outside 40, inside 35
Capacity:
1 washtray or 0 washbaskets

85.327.10

Height X in mm:
outside 65, inside 55
Capacity:
2 washtrays or 1 washbasket

85.327.15

Height X in mm:
outside 80, inside 70
Capacity:
2 washtrays or 1 washbasket

85.327.20

Height X in mm:
outside 100, inside 90
Capacity:
3 washtrays or 2 washbaskets

85.327.30

Height X in mm:
outside 130, inside 124
Capacity:
5 washtrays or 3 washbaskets

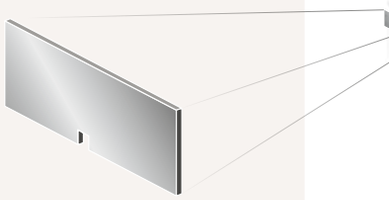
Accessories

85.327.50

Paper Filter with indicator
235 x 118 mm
PU 100 pieces

85.327.60

Teflon® permanent Filter
215 x 95 mm
PU 2 pieces



85.327.70

Latch Seal for sterilization containers, plastic, blue,
PU 100 pieces

.00 .03 .07
.01 .04 .08
.02 .05 .09

85.312.XX

Labelling Tags from aluminium in 9 different colors

Dental-Tray Cassette

All Dental-Tray Cassettes are compatible to our Washtray and Washbasket System, shown on pages **10-02** to **10-04**.

85.142.20
Norm-Tray-Cover **1/2**,
non perforated, 180 x 140 x 25 mm

85.142.10
Norm-Tray-Bottom **1/2**,
perforated, 180 x 140 x 19 mm

85.145.00
Norm-Tray-Cover **1/1**,
non perforated, 280 x 180 x 25 mm

85.150.00
Norm-Tray-Bottom **1/1**,
perforated, 284 x 183 x 17 mm

85.140.00
Norm-Tray-Bottom **1/1**,
non perforated, 284 x 183 x 19 mm

Drill holder inserts, assorted in 9 colors
(5 pieces ea. per packing unit).
85.183.40 with bigger inner diameter for piezo instruments, available only in black color.

- **85.183.40**
- **85.183.41**
- **85.183.42**
- **85.183.43**
- **85.183.44**
- **85.183.45**
- **85.183.46**
- **85.183.47**
- **85.183.48**
- **85.183.49**

85.703.00
System drill rack for max. 14 drills, incl. mixing cup with lid and silicone bushings

Brushes

with nylon bristles

PROBLEM: Metal brushes
They destroy the passive layer of the instrument surface!

SOLUTION: Brushes with nylon bristles

85.903.01 double-ended, sterilizable, packing unit: 3 pieces

85.903.04 for aspirator Ø 3 mm and Ø 5 mm

85.903.03 for aspirator Ø 1.5 mm

ZEPF Medicine Cups

85.252.25

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

85.251.00

Mixing Cup, stainless steel,
with plastic lid, Ø 4 cm

85.251.04

Medicine Cup, stainless steel,
with plastic lid,
Ø 40 mm x 30 mm high.
usable on both sides

85.251.03

Medicine Cup, stainless steel,
with plastic lid,
Ø 40 mm x 25 mm high,
usable on both sides

Medical White Oil

in a dispensing bottle and in an oil pen

24.950.12

Oil Pen, 12 ml

24.950.10

Dispensing bottle, 50 ml

Universal Toolbox for the ZEPF CMF SYSTEM

The universal tool box is used for storing the tools for the sets CMS + ARCS. The tool box offers enough space for the following items:

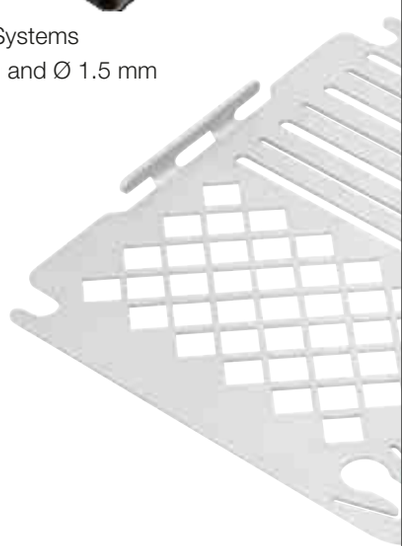
- Screwdriver handle, big and small, each with dental connection, in the new optimized **ZEPF**-Design. They have a socket for exchangeable blades of all different diameters. The use of the handles is easy and intuitive while changing the blades.
- The blade holder allows an extra secure fixing of the screw heads on the blade insert.
- The pilot drills and the slide hole drill both have a graduation to allow a safe depth orientation.
- The inserting assistant is used for areas with tight space conditions.
- The Pin Applicator 47.950.02 which fits in the screwdriver handles completes the set for fastening foils and membranes.

47.501.03

CMF-Box for Screw Systems
Ø 1.0 mm, Ø 1.2 mm and Ø 1.5 mm

47.950.02

Pin Applicator with dental connection



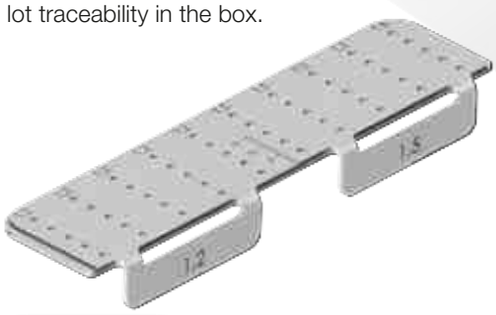
Screw Rack for the Universal Toolbox

The Screw Racks are available in the following configurations:

- **85.540.60** Screw Rack Ø 1.0 / 1.2 mm each 4 rows + 2 rows Ø 1.5 mm to accommodate 5 screws
- **85.540.65** Screw Rack Ø 1.2 / 1.5 mm each 5 rows to accommodate 5 screws

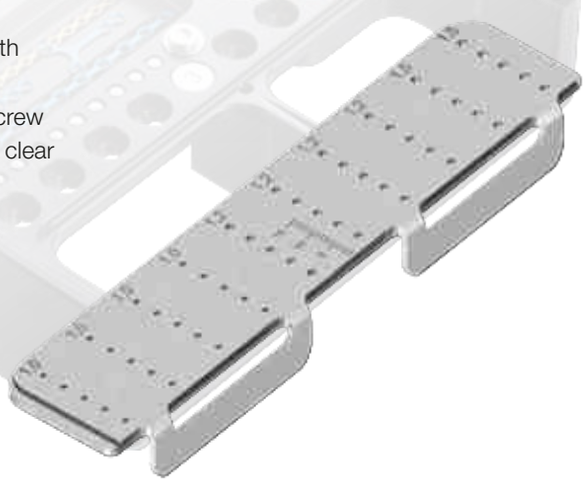
The packing unit for the screws is 5 pieces.

An easy identification of the screws is guaranteed by using the length markers in the tray.
The colored pin with length marking is assigned to the respective screw diameter, thus allowing the determination of the screw length and a clear lot traceability in the box.



85.540.65

Screw Rack Ø 1.2 / 1.5 mm
each 5 rows to accommodate 5 screws



85.540.60

Screw Rack Ø 1.0 / 1.2 mm each 4 rows +
2 rows Ø 1.5 mm to accommodate 5 screws

Washbasket for the ZEPF CMF SYSTEM

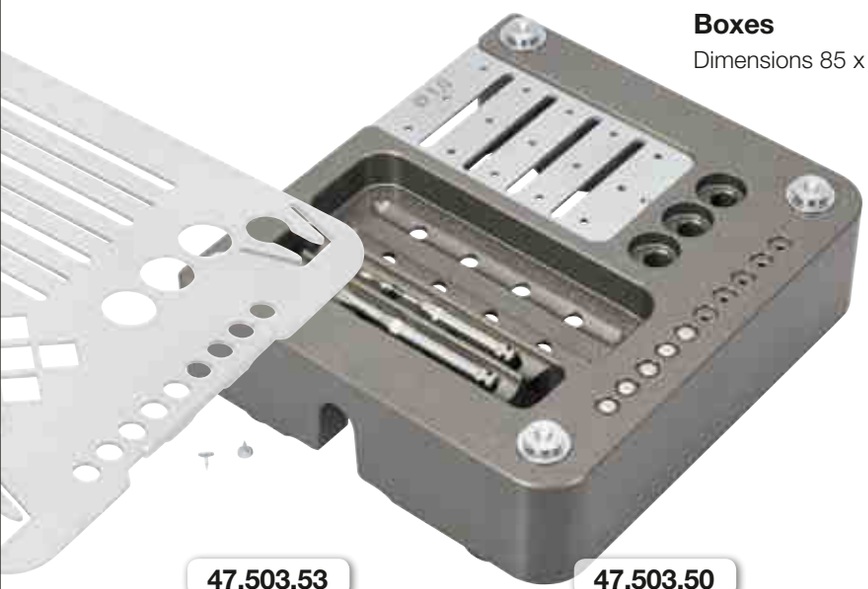
Following the Zepf-Care Series, the modularly composable components for the **ZEPF** CMF SYSTEM were developed, offering a washbasket with appropriate combination options.
The actual tools can be organized depending on the desired diameter.

This guarantees an RKI compliant reprocessing of the CMF SYSTEM.

85.195.00
Washbasket 1/1 as rack for the remaining components

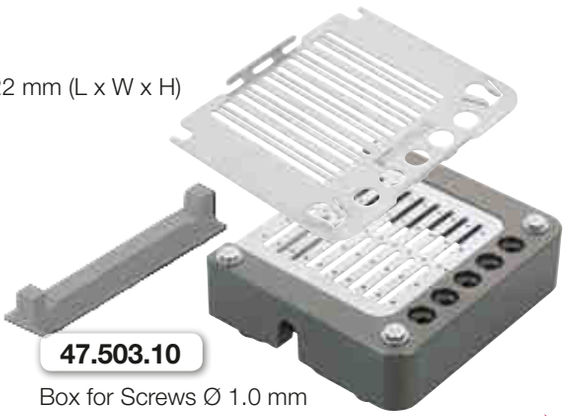
Accessories for the Washbasket

Boxes
Dimensions 85 x 75 x 22 mm (L x W x H)



47.503.53
Screw and Pin Box
for 2 x 5 screws Ø 1.2,
1 x 5 screws Ø 1.5,
10 membrane pins
and a small storage space
for instruments, membranes,
bone plates etc.

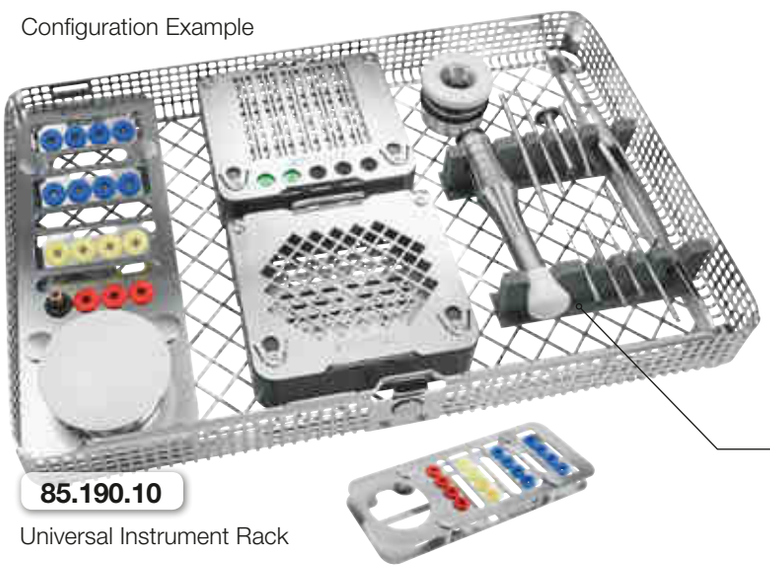
47.503.50
Screw and Pin Box
for 3 x 5 screws Ø 1.0,
10 membrane pins
and a small storage space
for instruments, membranes,
bone plates etc.



47.503.10
Box for Screws Ø 1.0 mm

47.503.20
Box for receiving e.g. titanium plates

Configuration Example



85.190.10
Universal Instrument Rack

Profile for instruments with individual water jet cutting

85.251.04
Mixing Cup with lid,
stainless steel, Ø 4 cm

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MADE IN GERMANY

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

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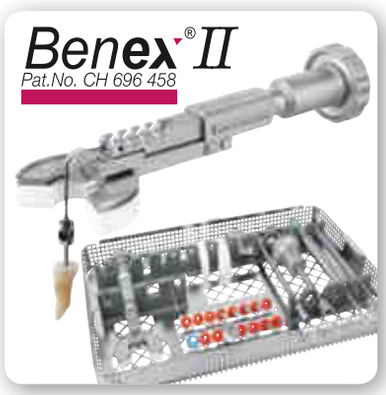

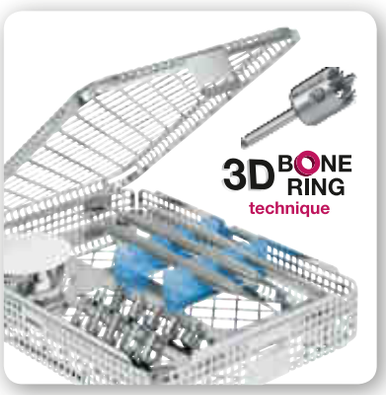

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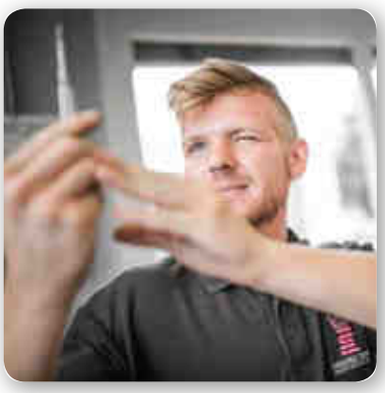
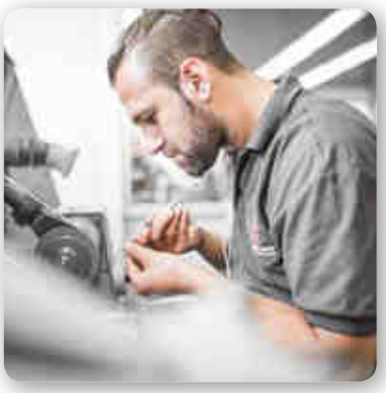
All medical devices according to the Medical Device Directive 93/42/EEC are marked with CE in the numerical index. All CE marked medical devices that have to be provided with the notified body are marked with ***** next to the CE mark, in the numerical index. The notified body is available through our latest valid certificates. These are available per request or download from **zepf-dental.com**.

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85.180.03	10-02	CE
85.180.04	10-02	CE
85.180.05	10-02	CE
85.180.10	10-02	CE
85.181.00	10-02	CE
85.181.03	10-03	CE
85.181.04	05-47	CE
85.181.04	10-03	CE
85.181.05	05-47	CE
85.181.05	10-03	CE
85.181.09	10-05	CE
85.182.00	10-02	CE
85.182.03	10-05	CE
85.182.04	10-05	CE
85.182.05	10-05	CE
85.182.08	10-05	CE
85.182.50	07-07	CE
85.183.40	10-08	CE
85.183.41	10-08	CE
85.183.42	10-08	CE
85.183.43	10-08	CE
85.183.44	10-08	CE
85.183.45	10-08	CE
85.183.46	10-08	CE
85.183.47	10-08	CE
85.183.48	10-08	CE
85.183.49	10-08	CE
85.190.10	07-31	CE
85.190.10	10-11	CE
85.192.50	09-09	CE
85.192.50	10-03	CE
85.194.00	10-03	CE
85.194.10	05-04	CE
85.194.50	10-03	CE
85.195.00	05-04	CE
85.195.00	05-47	CE
85.195.00	10-03	CE
85.251.00	10-09	CE
85.251.03	07-27	CE
85.251.03	07-31	CE
85.251.03	10-09	CE
85.251.04	07-19	CE
85.251.04	07-29	CE
85.251.04	07-33	CE
85.251.04	10-09	CE
85.251.04	10-11	CE
85.251.14	07-29	CE
85.252.140	06-41	CE
85.252.25	08-12	CE
85.252.25	10-09	CE
85.255.02	07-07	CE
85.255.02	07-33	CE
85.256.00	07-33	CE
85.264.350	06-41	CE
85.312.00	10-07	CE
85.312.01	10-07	CE
85.312.02	10-07	CE
85.312.03	10-07	CE
85.312.04	10-07	CE
85.312.05	10-07	CE
85.312.06	10-07	CE
85.312.07	10-07	CE
85.312.08	10-07	CE
85.312.09	10-07	CE
85.327.00	10-07	CE
85.327.10	10-07	CE
85.327.15	10-07	CE
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85.327.30	10-07	CE
85.327.50	10-07	CE
85.327.60	10-07	CE
85.327.70	10-07	CE
85.540.60	10-10	CE
85.540.65	10-10	CE
85.703.00	10-08	CE
85.903.01	10-08	CE
85.903.03	10-08	CE
85.903.04	10-08	CE

Terms of Delivery and Payment

Helmut Zepf Medizintechnik GmbH

1. Offers and order acceptance

Our offers are always subject to confirmation and without obligation. Telephone and verbal agreements and arrangements with our agents shall become legally valid only after they have been confirmed by us in writing. Deviations in the orders of the buyers relative to our terms of delivery and payment shall not be binding for us, if we have not declared our approval in writing. The subsequent correction of potential errors in offers and invoices shall be permitted for us explicitly and in every case.

2. Delivery

All our data on delivery times shall be approximate only and non-binding.

3. Calculation

The prices agreed upon are net prices plus the respective legally applicable value-added tax.

4. Warranty

Within a period of one year we shall grant warranty for defects, which are caused by manufacturing or material faults. Potential defects shall have to be indicated to the supplier in writing immediately, at the latest, however, within eight days after receipt of the delivery. In case of justified notification of defects, the supplier shall be obligated to rework or replace as chosen. Any exceeding warranty claims, in particular for damage which has not been caused to the supplied goods themselves shall be ruled out, provided no intent or gross negligence can be substantiated. Our obligation of warranty shall not apply, if the defect or modification of the goods supplied is caused by incorrect intervention of the ordering or third parties. Moreover the warranty obligation shall not apply in case of incorrect handling or excessive wear of the goods by the ordering or third parties.

5. Packaging

If the order does not define the packaging, we shall choose the packaging at our discretion.

6. Delivery / shipment

The delivery is made ex works. The goods shall be transported to the place of destination always at the costs and risk of the buyer, no matter by which route and which means of transportation is chosen. The road tolls, provided they are not paid by us in case of freight-paid fob or cif deliveries, shall be borne by the buyer. Neither do we assume any obligation for delivery in time nor for the full utilization of loading capacity of the means of transportation. Moreover, the buyer shall bear the costs of the transport insurance.

7. Payment

Our invoices shall be due for payment without deduction within thirty days after invoicing. In case of payment within eight days we grant a discount of two per cent. Repairs and interest shall be payable immediately and without deduction. Cheques and bills of exchange shall be accepted only in lieu of payment, the latter only after previous arrangement. Costs for bills of exchange and discount charges shall be borne by the ordering party.

Payments shall be considered made as from the day, at which the supplier can avail himself of the invoiced amount in cash without any loss. In case of default in payment of the ordering parts we shall be permitted to charge default interest of 5 per cent above the respective basic interest rate of the European Central Bank as from the occurrence of default, and to declare due any amounts potentially deferred. Before complete payment of all invoices due including default interest, the supplier shall not be obligated to any further deliveries from a current contract. A complaint, even when justified, shall not permit the buyer to delay payment or to change the terms of payment.

8. Retention of title

Until complete redemption of all obligations from the business relationship, also of others and future businesses of the buyer with us, the goods supplied shall remain our property. For the duration of the retention of title of the seller, the buyer obligates himself to handle the goods correctly and with care. Within the framework of his normal standard business operation, the buyer may sell and process the goods. The claims of the buyer from the sales of the goods subject to retention of title shall be assigned to us now already until our claims from good delivery are paid off completely, irrespective of whether the goods subject to retention of title have been sold without or after processing or whether they have been sold to one or several buyers. The assigned claims serve as our security, however only to the value of the respectively sold goods subject to retention of title. The buyer is entitled to sell the goods subject to retention of title only in keeping with the agreement hereinbefore on the assignment of the purchase price claim. In case of seizure of the goods or the transfer of the purchase price claim to a third party in their place, the buyer is obligated to inform us immediately. We obligate ourselves to return or to transfer back the securities assigned to us at our discretion in keeping with the conditions mentioned hereinbefore, provided the value exceeds the claims to be secured by 20 per cent.

9. Place of performance and venue

The place of performance and venue shall be D-78532 Tuttlingen in Germany for all rights and obligations arising from the business relationship with us. The law of the Federal Republic of Germany shall apply exclusively for all legal matters under exclusion of the conflict of laws and the agreement of the United Nations on Contracts of the International Sale of Goods (CISG).

10. Data storage

We are permitted to save and process personal data of the ordering party.

11. Final clauses

The potential ineffectiveness of individual stipulations of these terms of business shall not affect the validity of the other stipulations.

HELMUT ZEPF
MEDIZINTECHNIK GMBH

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