select
The daily product requirement in compact format.
The brand stoma®

Precision instruments made in Germany.

stoma® select is our new catalogue of products, which replaces the previous Markt 10’ Catalogue. The new catalogue covers the daily product requirement of dental instruments and problem solutions surrounding instrument preparation, from our product range of over 2,000 items. Many items are new and improved for the customer. On the basis of a new and clear page infrastructure, the dentist will find numerous tips and suggestions in the new stoma® select for instrument organisation, up-to-date application examples as well as a survey of all services provided by our enterprise. To make the choice of your stoma®-instruments more simple we have subdivided the instruments into product brands and introduced new pictographs.

Practising dental surgeons and dentists, oral surgeons, oral-cavity-, maxillo-facial surgeons, plastic surgeons, clinics, universities and academies have appreciated the advantages of direct intensive servicing for many decades now, via our medical product advisers.

A personal visit by one of our representatives will give you a hands-on experience as well as an appreciation of the unique quality and ergonomic value of our new and existing range of products.

We are a medium-sized family business and are committing to the manufacturing location of Germany. We place our trust in direct dialogue with customers for an ongoing expansion and improvement of our services.

Experience the stoma® quality - made in Germany;
and, a very warm welcome.
Our Areas of Competence:

- Service p. 3
- Diagnostics p. 6-11
- Conserving Treatment p. 12-16
- Endodontics p. 17-19
- Periodontal Surgery p. 20-26
- Surgery p. 27-67
- Suturing p. 52-55
- Implantology p. 68-86
- Osteosynthesis p. 87-91
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Product brands

**stoma** p.i.c.<sup>®</sup>
*Protecting organization concept.*

Especially developed for your protection, as well as that of your workforce and instruments, the stoma p.i.c.<sup>®</sup> represents economic preparation and efficient application. The ‘Protected Instrument Concept’ module lends backup support for the entire instrument circulatory process, with its trays, containers and accessories, for the sterile storage and optimum availability of instruments. The concept ensures perfectly coordinated organization and preparation, to the highest safety standards, with surveyability, cleansing efficiency and functionality.

**stoma** hy-grip<sup>®</sup>
*Hygienic handle system.*

The well-balanced weight and the ergonomic, target-oriented surface profile permit an efficient, precise and secure method of working, even over long periods of practise time. The special surface design reduces disturbing reflections, even under the magnifying glass or microscope. Surfaces are simply and easily cleansed.

**stoma** color-stick<sup>®</sup>
*Colour-coded handle concept.*

These instruments provide the same advantages, for hygiene and handling, as the stoma hy-grip<sup>®</sup>. The light, disinfection- and sterilization-capable handles are finished in special coloured plastics. This facilitates a targeted colour coding. As a result, this feature stands for a high degree of rationalization during the preparation, application and handling via a rapid identification of the instruments.

**stoma** suture<sup>®</sup>
*Reliable wound closure.*

For all applications, stoma<sup>®</sup> offers well-proven atraumatic needle and suture combinations. Suture material is available in monofilament, pseudo-monofilament and polyfilament. stoma<sup>®</sup> precision needles have stood the test of time for their balanced tempering and are available for all indications in all sizes and forms.

**stoma** ossecure<sup>®</sup>
*Secure bone fixation.*

stoma ossecure<sup>®</sup> stands for indications in areas of bone surgery. High-precision bone-tissue screws of steel and titanium provide great stability and a perfect fit for the safe implementation of a great variety of augmentation techniques. The targeted and innovative product range with its numerous different diameters and lengths of working respectively safety screws is supplemented by appropriately accessories.
The stoma® workshops and services - in the centre of the market and in the vicinity of the customer.

Our business has always operated on the basis that nothing can really replace personal contact. In dental practices and clinics, at workshops and congresses, we are in close dialogue with our customers, and have access to the latest trends and developments in the world of dentistry. This know-how is incorporated directly into our extensive services and offerings, which will provide value-added benefit for the customer in his or her daily work.

Advisories
Our well-trained experienced dental product experts can provide advice at your premises for products and organization, including extension of the practice or new installations. During one of our personal visits, you will have the possibility of a ‘hands-on’ experience of stoma® instruments for yourself, and gain an impression of their first class quality and perfection. In addition, we will advise you on the latest possibilities of efficient instrument organization, and can develop individual proposals for your practice.

The stoma® Hands-On Workshops
‘Close-up’, free testing of the latest, indication-referenced instrumentation and techniques is available for interested parties. Learn the latest trends under professional instruction, in your own practice, or at stoma®, or in close collaboration with our dental partners. Our workshops are recognized and well-known, and are evaluated according to the guidelines of the German Organizations - ‘BZAek’ (Chamber of Medical Practitioners) – ‘DGZMK’ (Association for Dental Medicine) and ‘KZBV’ (Federation of Sickness Fund Associated Medical Practitioners). stoma® enables you to fulfil your advanced training obligations, and you can also collect valuable CPD points at the same time.

Overall Product Range
Alongside the well-proven standard ranges, the overall product range includes special instruments for new and pioneering treatment techniques and procedures. These products are enriched by convincing problem solutions for instrument organization, practical accessories and first class needle and suturing combinations.

Product Research and Development
We collaborate in close dialogue with national and international specialists. These specialists research and develop instruments and sets for our enterprise in perfect coordination for innovative treatment methods.

Servicing and Maintenance
Being a German manufacturer, we of course take on repairs and the sharpening of your instruments to original standards. We also offer training courses for your assistants to learn sharpening skills themselves.

Supply and Delivery
The entire range of our products is always kept available on stock in our works. We can thus provide you in Germany, France and Belgium with a rapid and reliable dispatch service, without middle men, directly to your practice. In export countries we supply via specialist dealers.

Certification and Quality Assurance
We have introduced a quality-control management system for the research, development, manufacture and sale of dental instruments, which meets the requirements of the European and German Industrial Standard: DIN EN ISO 13485 and Annex II of Directive 93/42/EEC. The products, processes and services are therefore subject to ongoing improvements.

stoma®. A full, individual and ‘fast-track’ service.
Dimensions

Classification of various dimensions at the working tips:

Forms and dimensions for classical products and invasive interventions.

The working tip dimensions of advanced instruments can be categorized as something between classical macro-surgical instruments and micro-instrumentation. They allow finely sensitive working methods and mark the changeover to micro-surgical methods.

The dimensions and characteristics of the working surfaces of micro-instruments are especially adjusted for the handling of materials and existent tissue structures in micro-surgery. A reduced space requirement makes for a better visualization, especially when working with simple magnifying glasses.

Ultra fine instruments are suitable for application in particularly fine tissue structures, e.g. in aesthetic plastic surgery, and when employing strong magnifying glasses or a microscope. The fine working tips permit a minimum of invasive intervention and are adjusted in their characteristics to the materials employed and the treated tissue structures.

Materials

The advantages and characteristics of various materials

'storrit steel' stands for various different especially selected materials, which are partially subjected to special tempering processes. In the case of curettes and scalers, for example this property provides for a long useful service life of the cutting edges.

The 'wolfram carbide' coating of the working surfaces makes for a long useful service life of the instrument, and prevents the slipping-off of scissors from tissue and sutures.

The 'tungsten carbide' coating at the working tip provides instruments with a finish, which considerably prolongs the useful service life.

These products are made of a special titanium alloy. Customers benefit in various areas from such special material properties, for example from the various degrees of tempering and bio-compatibility.
With passion for perfection

Notes for the use of this brochure

Titanium mini curettes

GRXST 5-6
B Ø 8 mm
C Ø 10 mm

GRXST 11-12
D Ø 8 mm
E Ø 10 mm

GRXST 13-14
F Ø 8 mm
G Ø 10 mm

The new titanium mini curettes are intended to be used for the removal of concrements in case of peri-implant disease. Due to the special material of the titanium mini curettes, they can be used on most implants, without the risk of scratching the implant surface. Titanium mini curettes are characterized by their small toe compared to standard curettes.

Titanium perio probe tips

H PCPN22
I PCP11.5 WHO
J PCPN North Carolina

The combination of the small toe and single cutting edge considerably reduces tissue trauma and allows access to the narrow root surface.

In collaboration with respected speakers, we can offer additional services in a number of specialist areas:
- practical knowledge transfer under professional guidance
- up-to-date techniques and instruments – on a 'hands-on' basis - in brief: 'learning by doing'
- preparation of the necessary equipment during the course, free of charge

The contents of this brochure are an extract from our latest range of products. The up-to-date catalogue can be downloaded from our website: www.stoma.de.
Diagnostics
Mouth mirrors

“Back Surface” mouth mirrors, classical (12 pieces)
A  size 3, Ø 20 mm, plane
B  size 4, Ø 22 mm, plane
C  size 5, Ø 24 mm, plane
D  size 6, Ø 26 mm, plane

“Back Surface” cheek retractor mouth mirror
E  size 4, Ø 22 mm, concave
F  size 5, Ø 24 mm, concave
G  size 4, Ø 22 mm, plane
H  size 5, Ø 24 mm, plane

“Rhodium Front Surface” mouth mirror (12 pieces)
I  size 4, Ø 22 mm, plane
J  size 5, Ø 24 mm, plane

MEGA “Rhodium Front Surface” (12 pieces)
K  size 4, Ø 22 mm, plan

MEGAduo “Rhodium Front Surface” (6 pieces) fixed on the front and rear side of the mirror
L  size 4, Ø 22 mm, plane
### Diagnostics

**Handles for mirrors, explorers and perio probes**

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Dressing pliers

College classical serrated
A without
B with

College serrated
C with

Meriam classical serrated
D without
E with

Meriam serrated
F with

G strong serrated

H STOMAFORM very strong, serrated

Please find further dressing pliers on page 33 and 36-39!
**Explorers**

**Single-ended, Ø 6 mm**
with extra fine, sharp points for diagnosing tartar or concretions, caries, uneven surfaces of fillings and tooth morphology.

**stoma** hy-grip*

<table>
<thead>
<tr>
<th>Explorer</th>
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**Tips**

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**Double-ended, Ø 6 mm**

**stoma** hy-grip*

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<tr>
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<td>Q</td>
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<td>12231.00</td>
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**Explorer root canals, Ø 6 mm**

<table>
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<th>Code</th>
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<tbody>
<tr>
<td>R</td>
<td>EXDG16</td>
<td>12216.00</td>
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</tbody>
</table>

**S** EXDG16

**stoma** color-stick*
Perio probes

**stoma** hy-grip*

**Single-ended, Ø 6 mm**

A **PCPN22**
2-4-6-8-10-12 mm

B **PCP12**
3-6-9-12 mm

C **PCP11,5 WHO**
3,5-5,5-8,5-11,5 mm

D **PGF Goldman-Fox**
1-2-3-5-7-8-9-10 mm

E **PCP11**
3-6-8-11 mm

F **PCPNC North Carolina**
1-2-3-...-13-14-15 mm

**Tips**

G **PCP Sillmanns**
1-2-3-...-13-14-15 mm

H **PCPN22**
2-4-6-8-10-12 mm

I **PCP12**
3-6-9-12 mm

J **PCP11,5 WHO**
3,5-5,5-8,5-11,5 mm

K **PGF Goldman-Fox**
1-2-3-5-7-8-9-10 mm

L **PCP11**
1-2-3-5-7-8-9-10 mm

M **PCPNC North Carolina**
1-2-3-...-13-14-15 mm

N **PCP Hellwege**

Please find further titanium perio probes on page 25!

**stoma** hy-grip*

**Double-ended, Ø 6 mm**

O **CQ-2N Nabers** colour-coded
3-6-9-12 mm

P **PNC/EX3A Memmingen**
1-2-...-14-15 mm

**Tips**

G **2919.10**
PCP Sillmanns

H **2922.10**
PCPN22

I **2923.10**
PCP12

J **2924.10**
PCP11,5 WHO

K **2925.10**
PGF Goldman-Fox

L **2926.10**
PCP11

M **2927.10**
PCPNC North Carolina

N **2918.20**
PCP Hellwege

**Double-ended, Ø 6 mm**

O **12920.00**
CQ-2N Nabers

P **12930.00**
PNC/EX3A Memmingen
Conserving Treatment
**Instruments for conserving treatment**

**A Composite spatula**  
*stoma color-stick*  
This delicate and flexible spatula used not only for taking up the smallest portions of ceramic filling but also for being able to model a smooth surface in very confined spaces.

**B Distal spatula**  
*stoma color-stick*  
Especially designed for approximate areas to which access is difficult.

**C Flat plugger**  
*stoma color-stick*  
![Image of a flat plugger]

**D Occlusion former, convex / concave**  
*stoma color-stick*  
The final form of the occlusal convex areas is carried out with the concave part of the occlusion former. The working end of this instrument has been formed by a very long drawn point so that pronounced depressions in the area of fissures can be formed.

**E Micro-probe handle**  
*stoma hy-grip*  
Useful for holding micro-probe tips for the individual design of the occlusal surface. The explorer makes it possible to draw the ceramic stain up from the depths of the fissure to the edges of the occlusal surface.

**F Clamping forceps**  
*stoma hy-grip*  
Useful for holding small application brushes for primer and adhesive, but also for applying small matrix pieces in the interdental area. With fluted jaws at the edges to ensure a safe hold.
Conserving Treatment

**Excavators**

- **stoma color-stick®**
  - A EXC 175 Ø 1,4 mm
  - B EXC 17H ø 1,6 mm
  - C EXC 18H ø 2,0 mm
  - D EXC 19H Ø 2,5 mm
  - E EXC 131/132 Ø 1,2 mm
  - F EXC 129/130 Ø 1,5 mm
  - G EXC 127/128 Ø 1,9 mm
  - H EXC 175/176 Ø 2,6 mm

- **Excavators**
  - I EXC 65/66 1,0 mm
  - J EXC 63/64 1,5 mm
  - K EXC 61/62 2,0 mm

**Pluggers**

- **sphere**
  - L Ø 0,8 - 1,0 mm
  - M Ø 1,2 - 1,6 mm
  - N Ø 2,0 - 2,5 mm
  - O Ø 2,5 - 3,2 mm
  - P Ø 1,0 - 2,0 mm
  - Q Ø 1,6 - 2,5 mm
  - R Ø 1,6 - 2,0 mm

- **pear**
  - S Ø 0,8 - 1,0 mm
  - T Ø 1,2 - 1,6 mm
  - U Ø 2,0 - 2,5 mm
  - V Ø 1,6 - 2,0 mm

- **flat**
  - W Ø 0,8 - 1,0 mm
  - X Ø 1,2 - 1,6 mm
  - Y Ø 2,0 - 2,5 mm
  - Z Ø 1,0 - 2,0 mm
  - A1 Ø 1,6 - 2,0 mm

- **elephant foot**
  - B1 Ø 2,0 - 2,5 mm

In this area we do have color-stick®-instruments as well and would be pleased to advise you!
Spatulas

**Heidemann original** (rigid) with sharp cutting edges for carving

- A 1 mm
- B 1,5 mm
- C 2 mm
- D 2,5 mm
- E 3,2 mm

In this area we do have color-stick®-instruments as well and would be pleased to advise you!

**Heidemann flexible**

- F 2 mm
- G 2,5 mm
- H 3 mm

**Heidemann flexible**

- I 2 mm
- J 2,5 mm
- K 3 mm

**Heidemann flexible color-stick®**

- L 2 mm
- M 2,5 mm
- N 3 mm

**Cement spatulas**

- O 5 mm
- P 6,5 mm
- Q 8 mm

- R 5 mm
- S 6,5 mm
- T 8 mm
Goldstein
Modelling instruments for composite fillings with fine, highly polished and flexible working ends. The highly polished surface prevents composites from sticking to the instrument.

Composite instruments

**Goldstein**

<table>
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<th>Composite instruments</th>
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<tr>
<td>A</td>
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</tr>
<tr>
<td>B</td>
<td>GCI 2</td>
<td>1.9 / 2.5 mm</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>GCI 3</td>
<td>2.5 / 2.5 mm</td>
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<td>D</td>
<td>GCI 4</td>
<td>2.3 / 2.3 mm</td>
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<tr>
<td>E</td>
<td>GCI M1</td>
<td>Ø 0.9 mm</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>GCI M3</td>
<td>1.5 mm</td>
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<tr>
<td>G</td>
<td>GCI M4</td>
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Endodontics
Endo mirrors

**stoma color-stick**

**Endo metal mirrors**

- **A** Ø 4,5 mm
- **B** 2 mm, 7 mm
- **C** 3 mm, 7 mm
- **D** Micro resection mirror “Front Surface” Rhodium Ø 3 mm

**Endo bone curettes**

**stoma color-stick**

- **E** Spoon curette 3 mm, 4 mm
  - The use of the spoon curette is ideal for the anterior region or for removing larger cysts.

**Plate curettes**

- **F** Ø 1,5 mm
- **G** Ø 2,5 mm
- **H** Ø 4 mm

We would be pleased to advise you and show you the products of this set.

As a consequence of the different shapes and sizes of plateshaped curettes, it becomes possible to carefully remove granulation tissue from the resection cavity. The various angles of the instruments allow the operating surgeon to carry out detailed work even in the posterior buccal region.
Endo sphere pluggers / spatulas

For retrograde filling the cement can safely and precisely be applied at the site with the flat side of the modified sphere plugger. The angle facilitates the process of filling resected roots during transantral resection of the upper molar teeth.

The sphere can be used for condensing the filling material to achieve a bacteria-resistant marginal filling of the retrograde cavity.

Endo micro flat pluggers

Micro-pluggers are used to further condense the retrograde root filling. Their dimensions conform to that of diamond-coated ultrasonic attachments to allow for condensing the root filling material in the canal.
Periodontology
Dr. R. Roessler
Prophylaxis set

A  Prophylaxis set
consisting of:

7751.12 Curette Gracey GRXS1-2, yellow
7755.10 Curette Gracey GR5-6, yellow
7757.10 Curette Gracey GR7-8, grey
7761.10 Curette Gracey GR11-12, violet
7763.10 Curette Gracey GR13-14, blue
7894.10 Curette GXC4, blue
7835.10 Scaler HC6-7, green
2991.07 stoma p.i.c.®-tray, with 2 racks for 7 instruments and clamp clip

„Berner Concept“ Prof. Dr. Dr. A. Sculean, M.S.
Module Perio set

B  Module Perio set
consisting of:

12927.00 Perio probe, North Carolina PNC
12920.00 Perio probe, Nabers CQ2N, colour-coded, DE
7755.10 Curette Gracey GR5-6, yellow
7757.10 Curette Gracey GR7-8, grey
7761.10 Curette Gracey GR11-12, violet
7763.10 Curette Gracey GR13-14, blue
12941.00 Gingivectomy knife, Orban Or1-2, contra-angled, DE
12837.00 Chisel, Rhodes, Back Action
14621.15 Bone curette, Lucas, 1.5 mm, DE
7835.10 Scaler HC6-7, green
2991.11 stoma p.i.c.®-tray, with 2 racks for 11 instruments and clamp clip

We would be pleased to advise you and show you the products of this set.

Please find further sets of Prof. Dr. Dr. A. Sculean, M.S. on page 25, 29, 34 and 42!
## Gracey Curettes

**Gracey Curettes**

**Gracey Curettes**

<table>
<thead>
<tr>
<th>Number range</th>
<th>Description</th>
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<tbody>
<tr>
<td>1-2</td>
<td>For all anterior teeth root surfaces (counter angle short).</td>
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<tr>
<td>3-4</td>
<td>For all anterior teeth and bicuspid roots surfaces. The shaft is more strongly angled than the GR 1-2.</td>
</tr>
<tr>
<td>5-6</td>
<td>For all anterior teeth and bicuspid roots surfaces. The shaft and cutter are slightly angled.</td>
</tr>
<tr>
<td>7-8</td>
<td>For bicuspid and molars buccal and lingual root surfaces (medium length counter angle).</td>
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</table>

### stoma color-stick®

Number range 7, e.g.:
- 7XXX.00 Ø 8 mm
- 7XXX.10 Ø 10 mm

### stoma hy-grip®

Number range 1, e.g.:
- 1XXX.00 Ø 8 mm
- 1XXX.10 Ø 10 mm

### Colour Code System of the Original color-stick® Gracey Curettes

<table>
<thead>
<tr>
<th>Number</th>
<th>Diameter 1</th>
<th>Diameter 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>7751.00</td>
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<td></td>
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<td>7751.10</td>
<td>Ø 10 mm</td>
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<tr>
<td>7753.00</td>
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<td>7753.10</td>
<td>Ø 10 mm</td>
<td>Ø 10 mm</td>
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<td>7755.00</td>
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<td>7759.10</td>
<td>Ø 10 mm</td>
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<tr>
<td>7761.00</td>
<td>Ø 8 mm</td>
<td>Ø 10 mm</td>
</tr>
<tr>
<td>7761.10</td>
<td>Ø 10 mm</td>
<td>Ø 10 mm</td>
</tr>
</tbody>
</table>

### Gracey Curette Descriptions

- **GR 1-2**: For all anterior teeth root surfaces (counter angle short).
  - A Ø 8 mm
  - B Ø 10 mm
  - C Ø 8 mm
  - D Ø 10 mm

- **GR 3-4**: For all anterior teeth and bicuspid roots surfaces. The shaft is more strongly angled than the GR 1-2.
  - E Ø 8 mm
  - F Ø 10 mm
  - G Ø 8 mm
  - H Ø 10 mm

- **GR 5-6**: For all anterior teeth and bicuspid roots surfaces. The shaft and cutter are slightly angled.
  - I Ø 8 mm
  - J Ø 10 mm
  - K Ø 8 mm
  - L Ø 10 mm

- **GR 7-8**: For bicuspid and molars buccal and lingual root surfaces (medium length counter angle).
  - M Ø 8 mm
  - N Ø 10 mm
  - O Ø 8 mm
  - P Ø 10 mm
Gracey curettes

**For buccal and lingual root surfaces where access is difficult.**

Very well suited for buccal and lingual bifurcations of bicuspid and molars (longer counter angle).

- **GR 9-10**
  - A Ø 8 mm
  - B Ø 10 mm
  - C Ø 8 mm
  - D Ø 10 mm

- **GR 11-12**
  - E Ø 8 mm
  - F Ø 10 mm
  - G Ø 8 mm
  - H Ø 10 mm

- **GR 13-14**
  - I Ø 8 mm
  - J Ø 10 mm
  - K Ø 8 mm
  - L Ø 10 mm

- **GR 15-16**
  - M Ø 8 mm
  - N Ø 10 mm
  - O Ø 8 mm
  - P Ø 10 mm

- **GR 17-18**
  - Q Ø 8 mm
  - R Ø 10 mm
  - S Ø 8 mm
  - T Ø 10 mm

For the removal of concrement and the curettage of periodontal pockets from depths of 5 mm, we have curettes in a range of XL and XS sizes. The XL and XS curettes also have a single 3 mm extension and a slimmer working tip than standard Gracey curettes, thus providing better working access and greater freedom of movement. XS curettes also have a shortened working tip to facilitate the entrance to root surfaces. Contact us.
Universal curettes

Langer

**L 1-2**
For the lower jaw side tooth area, mesial and distal surfaces.

- **A** Ø 8 mm
- **B** Ø 10 mm
- **C** Ø 8 mm
- **D** Ø 10 mm

**L 3-4**
For the upper jaw side teeth area, mesial and distal surfaces.

- **E** Ø 8 mm
- **F** Ø 10 mm
- **G** Ø 8 mm
- **H** Ø 10 mm

**L 5-6**
For the upper and lower jaw anterior teeth area, mesial and distal surfaces.

- **I** Ø 8 mm
- **J** Ø 10 mm
- **K** Ø 8 mm
- **L** Ø 10 mm

Columbia University

**CU 13-14**
For all side teeth and for anterior teeth.

- **M** Ø 8 mm
- **N** Ø 10 mm
- **O** Ø 8 mm
- **P** Ø 10 mm

**CU 2R-2L**
For the anterior tooth area.

- **Q** Ø 8 mm
- **R** Ø 10 mm
- **S** Ø 8 mm
- **T** Ø 10 mm

**CU 4R-4L**
For the side tooth area.

- **U** Ø 8 mm
- **V** Ø 10 mm
- **W** Ø 8 mm
- **X** Ø 10 mm

GXC4

- **Y** Ø 8 mm
- **Z** Ø 10 mm
- **A1** Ø 8 mm
- **B1** Ø 10 mm
With passion for perfection

„Berner Concept“ Prof. Dr. Dr. A. Sculean, M.S.
Module Titanium mini curette set

A Module Titanium mini curette set
consisting of:

<table>
<thead>
<tr>
<th>Code</th>
<th>Item Description</th>
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<tbody>
<tr>
<td>5110.10</td>
<td>Mirror handle, blue</td>
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<tr>
<td>34964.00</td>
<td>Megaduo mirror, plane, size 4, Rhodium</td>
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<tr>
<td>5110.10</td>
<td>Mirror handle, blue</td>
</tr>
<tr>
<td>2922.20</td>
<td>Perio probe tip, PCPNGT22, titanium</td>
</tr>
<tr>
<td>7755.22</td>
<td>Titanium mini curette GRXST5-6, Ø 8 mm</td>
</tr>
<tr>
<td>7761.22</td>
<td>Titanium mini curette GRXST11-12, Ø 8 mm</td>
</tr>
<tr>
<td>7763.22</td>
<td>Titanium mini curette GRXST13-14, Ø 8 mm</td>
</tr>
<tr>
<td>2991.07</td>
<td>stoma p.i.c.*-tray, with 2 racks for 7 instruments and clamp clip</td>
</tr>
</tbody>
</table>

Please find further sets of Prof. Dr. Dr. A. Sculean, M.S. on page 21, 29, 34 and 42!

Titanium mini curettes

<table>
<thead>
<tr>
<th>GRXST 5-6</th>
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</thead>
<tbody>
<tr>
<td>B Ø 8 mm</td>
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<td>C Ø 10 mm</td>
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<table>
<thead>
<tr>
<th>GRXST 11-12</th>
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<tbody>
<tr>
<td>D Ø 8 mm</td>
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<tr>
<td>E Ø 10 mm</td>
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</table>

<table>
<thead>
<tr>
<th>GRXST 13-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>F Ø 8 mm</td>
</tr>
<tr>
<td>G Ø 10 mm</td>
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</table>

The new titanium mini curettes are intended to be used for the removal of concrements in case of peri-implant disease. Due to the special material of the titanium mini curettes, they can be used on most implants, without the risk of scratching the implant surface. Titanium mini curettes are characterized by their small toe compared to standard curettes.

The combination of the small toe and single cutting edge considerably reduces tissue trauma and allows access to the narrow root surface.

Titanium perio probe tips

<table>
<thead>
<tr>
<th>H PCPN22</th>
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<tr>
<td>2-4-6-8-10-12 mm</td>
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<table>
<thead>
<tr>
<th>I PCP11,5 WHO</th>
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</thead>
<tbody>
<tr>
<td>3-5-5.5-6-5.5 mm</td>
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<table>
<thead>
<tr>
<th>J PCPNC North Carolina</th>
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<tr>
<td>1-2-14-15 mm</td>
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<table>
<thead>
<tr>
<th>K PCP Sillmanns</th>
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<tr>
<td>1-2-14-15 mm</td>
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We would be pleased to advise you and show you the products of this set.

Titanium perio probe tips

<table>
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<th>Code</th>
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<td>2922.20</td>
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<td>2924.20</td>
<td>PCP11,5 WHO</td>
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<td>2927.20</td>
<td>PCPNC</td>
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<td>2919.20</td>
<td>PCP Sillmanns</td>
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Current dates on www.stoma.de

Professional knowledge transfer.

- Periodontology
- Periodontal surgery

Please find further sets of Prof. Dr. Dr. A. Sculean, M.S. on page 21, 29, 34 and 42!

Module Titanium mini curette set
A 19905.01
### Scalers

**H 6-7**

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<tr>
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<tr>
<td>A</td>
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<td>C</td>
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<tr>
<td>B</td>
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**MC 135-14S**

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<tbody>
<tr>
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<td>F</td>
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**204 S**

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<td>K</td>
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<tr>
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**204 SD**

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<tbody>
<tr>
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<td>O</td>
<td>Ø 8 mm</td>
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<tr>
<td>N</td>
<td>Ø 10 mm</td>
<td>P</td>
<td>Ø 10 mm</td>
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**T 2-3**

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<tr>
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<tbody>
<tr>
<td>Q</td>
<td>Ø 8 mm</td>
<td>S</td>
<td>Ø 8 mm</td>
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<tr>
<td>R</td>
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**CI 2-3**

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<tbody>
<tr>
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<td>W</td>
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<tr>
<td>V</td>
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**U 135**

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<tbody>
<tr>
<td>Y</td>
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<td>A1</td>
<td>Ø 8 mm</td>
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<tr>
<td>Z</td>
<td>Ø 10 mm</td>
<td>B1</td>
<td>Ø 10 mm</td>
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</tbody>
</table>
Surgery
Ost tray

We would be pleased to advise you and show you the products of this set.

A Ost tray consisting of:

- Mirror handle with thread M 2.5
- Megaduo mirror, plane, size 4, Rhodium Front Surface, 1 piece
- Perio probe, Memmingen EX3A/PNC, DE
- Curette, Columbia University CUC4R-4L, light blue
- Scalpel blade holder, straight
- Universal explorer, strong
- Periosteal elevator, Molt, fig. 2, DE
- Periosteal elevator, Khoury
- Bone curette Lucas, Ø 1,5 mm, DE
- Bone curette Lucas, Ø 3,0 mm, DE
- Forceps, advanced, surgical 1x2 teeth, 1,3 mm, straight
- Forceps, advanced, dissecting, TC, 1,3 mm, straight
- Forceps, College, serrated
- Needle holder, Microvascular, TC, 15 cm
- Scissor, Kelly, toothed, straight, 16 cm
- Scissor, Metzenbaum-Fino, TC, curved, 18 cm
- Hemostatic forceps, Halstead-Mosquito, curved, 12 cm
- Rongeur, Friedmann, round, 15 cm
- Mouth prop, adults, incl. chain
- Mouth prop, children, incl. chain
- Towel forceps, Tohoku, 10 cm, 2 pieces
- Tissue retractor, Kocher, 55x11 mm, 22 cm
- Tissue retractor, Kocher, 35x11 mm, 22 cm
- Irrigation cannula, with olive, Ø1.5 mm, 80 mm
- Tongue spatula, Brünings, 19 cm
- stoma p.i.c.™-tray for Khoury Ost Tray

Please find further sets of Prof. Dr. F. Khoury on page 35, 69 und 89!
With passion for perfection

"Berner Concept“ Prof. Dr. Dr. A. Sculean, M.S.
Module Basic surgery set

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>15108.00</td>
<td>Mirror handle with thread M 2.5</td>
</tr>
<tr>
<td>34964.00</td>
<td>Megaduo mirror, plane, size 4, Rhodium Front Surface, 1 piece</td>
</tr>
<tr>
<td>14514.03</td>
<td>Scalpel blade holder, straight</td>
</tr>
<tr>
<td>14051.17</td>
<td>Forceps, advanced, Cooley, 1,3 mm, straight</td>
</tr>
<tr>
<td>14052.17</td>
<td>Forceps, advanced, dissecting, TC, 1,3 mm, straight</td>
</tr>
<tr>
<td>14419.05</td>
<td>Periosteal elevator, De Wijs, 5 mm, DE</td>
</tr>
<tr>
<td>14418.00</td>
<td>Periosteal elevator, DE</td>
</tr>
<tr>
<td>14427.00</td>
<td>Micro retractor, Emos, DE</td>
</tr>
<tr>
<td>3602.13</td>
<td>Scissor Goldmann-Fox, SC, curved</td>
</tr>
<tr>
<td>3565.11</td>
<td>Scissor, La Grange, toothed, 11,5 cm</td>
</tr>
<tr>
<td>14621.30</td>
<td>Bone curette Lucas, Ø 3,0 mm, DE</td>
</tr>
<tr>
<td>14621.25</td>
<td>Bone curette Lucas, Ø 2,5 mm, DE</td>
</tr>
<tr>
<td>3800.12</td>
<td>Hemostatic forceps, Halstead-Mosquito, straight, 12 cm</td>
</tr>
<tr>
<td>14747.15</td>
<td>Needle holder, Castroviejo, Genon, TC, straight, 15 cm</td>
</tr>
<tr>
<td>4053.35</td>
<td>Tissue retractor, Kocher, 35x11 mm, 22 cm</td>
</tr>
<tr>
<td>3334.18</td>
<td>Suction pipe, Ø 4 mm, 18 cm</td>
</tr>
<tr>
<td>12965.00</td>
<td>Periotome, angled</td>
</tr>
<tr>
<td>12966.00</td>
<td>Periotome, straight</td>
</tr>
<tr>
<td>12967.00</td>
<td>Periotome, curved over surface</td>
</tr>
<tr>
<td>6551.00</td>
<td>stoma p.i.c.*-tray, with 2 racks for 14 instruments, 1 rack for tweezers, 2 holding bolts and cover</td>
</tr>
</tbody>
</table>

For this treatment area recommended suture material and scalpel blades:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>4335.41</td>
<td>Suture material stoma® medilene® 5-0, needle DSM 19</td>
</tr>
<tr>
<td>4522.65</td>
<td>Scalpel blades, fig. 15C</td>
</tr>
<tr>
<td>4522.62</td>
<td>Scalpel blades, fig. 12D</td>
</tr>
</tbody>
</table>

Please find further designs on page 30 resp. 55.

We would be pleased to advise you and show you the products of this set.

For this treatment area recommended suture material and scalpel blades:
Scalpel blade holders

- **Scalpel blade holder, straight**
  - **A** 4520.03 Ø 8 mm
  - **B** 4514.03 Ø 10 mm

- **Scalpel blade holder, double-ended**
  - **C** 7514.03 Ø 8 mm
  - **D** 7514.13 Ø 10 mm

Scalpel blades

- **Standard scalpel blades**
  - Suitable for all handles on this page.
  - Packaged individually and sterile (100 pieces).
  - **H** 4522.11 fig. 11
  - **I** 4522.12 fig. 12
  - **J** 4522.15 fig. 15
  - **K** 4522.62 fig. 12D
  - **L** 4522.65 fig. 15C
Scalpel blade holders

A  Micro scalpel blade holder

*stoma hy-grip*

Example of use: Carefully evading the inter-dental papillae (papilla prophylaxis), pre-defined gingiva excision is carried out with a delicate blade.

B  Swivelling scalpel blade holder

*stoma hy-grip*

The head may be swivelled in all directions and can therefore be used also for all surgical operations at points where access is difficult. Only standard scalpel blades are used (see p. 30).

Micro blades

Micro blades (25 pieces)

C  fig. 63

D  fig. 69

E  fig. 64

F  fig. 65

G  fig. 67

Scalpel blade remover

H  Scalpel blade remover „Kling-Ex“

*How it works:*

- **Blade**
- **Stop**
- **Exerted pressure**
- **Press here**

*Kling-Ex*

H  4525.00
Suction cannulas
A 3333.15
   Ø 3 mm, 14 cm
B 3333.18
   Ø 3 mm, 18 cm
C 3334.15
   Ø 4 mm, 14 cm
D 3334.18
   Ø 4 mm, 18 cm
E 3336.15
   Ø 6 mm, 14 cm
F 3336.18
   Ø 6 mm, 18 cm
G 5701.18
   Ø 4 mm, 18 cm, Titan

Adapter
H 3338.00
   Dürr
I 3338.05
   Siemens
J 3338.10
   Ritter/Adec
K 3338.15

Irrigation cannula
L 5382.15

Water syringe
M 5360.00

Spare cannula
N 5361.00

Cannulas
Surgical suction cannulas, metal
With small hole to prevent blocking.
A  Ø 3 mm, 14 cm
B  Ø 3 mm, 18 cm
C  Ø 4 mm, 14 cm
D  Ø 4 mm, 18 cm
E  Ø 6 mm, 14 cm
F  Ø 6 mm, 18 cm
G  Ø 4 mm, 18 cm, with titanium point (length of point 15 mm)

Adapter for suction units
For reducing the diameter of the tube on the suction cannulas.
H  Dürr
   a: 20 / b: 15 / c: 15,5 mm
I  Siemens
   a: 15 / b: 15 / c: 16 mm
J  Ritter/Adec
   a: 18 / b: 11 / c: 11,5 mm
K
   a: 15 / b: 16 / c: 17 mm

Irrigation cannula with Luer lock, with olive
L

Water syringe
M Full metal water syringe 10 ml
   with Luer lock cannula

Spare cannula (Luer lock)
N for full metal water syringe M
Forceps

**dissecting**, with cross-groove

A 16 cm

---

Semken, surgical, fine, 15.5 cm, 1:2 teeth

B straight

1.5 mm

C curved

1.5 mm

---

DeBakey, 16 cm

D straight

2 mm

E curved

2 mm

---

**Hemostatic forceps**

Halstead-Mosquito, plain

F 12 cm, plain

G 14 cm, plain

H 12 cm, curved

I 14 cm, curved

---

Halstead-Mosquito, with tooth

J 12 cm, straight

K 14 cm, straight

L 12 cm, curved

M 14 cm, curved

---

Forceps

**dissecting**

A 4073.16

---

Semken

B 4077.15 straight

C 4078.15 curved

DeBakey

D 4090.16 straight

E 4091.16 curved

---

**Hemostatic forceps**

Halstead-Mosquito, plain

F 3800.12 12 cm, straight

G 3800.14 14 cm, straight

H 3805.12 12 cm, curved

I 3805.14 14 cm, curved

---

Halstead-Mosquito, with tooth

J 3810.12 12 cm, straight

K 3810.14 14 cm, straight

L 3815.12 12 cm, curved

M 3815.14 14 cm, curved
Prof. Dr. Dr. A. Sculean, M.S.
Director clinic f. periodontology, University Bern

Module Micro surgery set
A 19908.03

We would be pleased to advise you and show you the products of this set.

„Berner Concept“ Prof. Dr. Dr. A. Sculean, M.S.
Module Micro surgery set

A Module Micro surgery set consisting of:

14510.00  Micro scalpel blade holder
14413.00  Micro periosteal elevator, Memmingen
14419.03  Periosteal elevator, De Wijs, 3 mm, DE
14062.17  Forceps, Cooley, surgical atraumatic, ultra fine, 0,6 mm, straight, 17,5 cm
14760.18  Micro needle holder, TC, 0,6 mm, straight, 18 cm
13555.16  Micro scissors, curved, extra fine, 16 cm
14140.17  Tissue grasping forceps, Ø 1,3 mm, 17 cm
3562.13  Scissor, Goldman - Fox, toothed, curved, 13 cm
14620.00  Bone scraper, 5 mm + 7 mm, DE
14616.00  Universal instrument Biehler for augmentation surgery
6553.00  stoma p.i.c.®-tray, with 2 racks for 7 instruments, 1 rack for tweezers, 2 holding bolts and cover

For this treatment area recommended suture material and scalpel blades:

4326.41  Suture material stoma® medilene® 6-0, needle DSM 16
4509.69  Micro blades, fig. 69

Please find further designs on page 31 resp. 55.

Please find further sets of Prof. Dr. Dr. A. Sculean, M.S. on page 21, 25, 29 and 42!
Prof. Dr. F. Khoury
Soft tissue set

<table>
<thead>
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<td>Scalpel blade holder, straight</td>
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<td>14512.00</td>
<td>Swivelling scalpel blade holder</td>
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<tr>
<td>14062.17</td>
<td>Forceps, Cooley, surgical atraumatic, ultra fine, 0.6 mm, straight, 17.5 cm</td>
</tr>
<tr>
<td>14414.00</td>
<td>Periosteal elevator for papillas, 2 mm/3 mm</td>
</tr>
<tr>
<td>14439.00</td>
<td>Periosteal elevator, for tunneling technique, 2 mm</td>
</tr>
<tr>
<td>3545.16</td>
<td>Scissor, Kelly, toothed, straight, 16 cm</td>
</tr>
<tr>
<td>4760.15</td>
<td>Needle holder, diamond coated, straight, 14.5 cm</td>
</tr>
<tr>
<td>6553.00</td>
<td>stoma p.i.c.®-tray, with 2 racks for 7 instruments, 1 rack for tweezers, 2 holding bolts and cover</td>
</tr>
</tbody>
</table>

A Soft tissue set

consisting of:

A Soft tissue set

Please find further sets of Prof. Dr. F. Khoury on page 28, 69 and 89!

We would be pleased to advise you and show you the products of this set.
Surgery

Forceps

Forms and dimensions for classical products and invasive interventions.

The working tip dimensions of advanced instruments can be categorized as something between classical macro-surgical instruments and micro-instrumentation. They allow fine sensitive working methods and mark the changeover to micro-surgical methods.

---

**Macro**

**Advanced**

---

**Stoma hy-grip**

length: 17 cm

---

**Forceps**

- **surgical, 1:2 teeth**
  - A 14050.17
    - 1,3 mm, straight
  - B 14053.17
    - 1,3 mm, curved

- **surgical, 2:3 teeth**
  - C 14095.17
    - 2,6 mm, straight
  - D 14098.17
    - 3,4 mm, curved

---
**Forceps**

*stoma* hy-grip®

**Cooley, surgical atraumatic**
- **straight**
  - A 1,3 mm
- **curved**
  - B 1,3 mm

**anatomic, TC**
- **straight**
  - C 1,3 mm
- **curved**
  - D 1,3 mm

**DeBakey**
- **straight**
  - E 1,8 mm
- **curved**
  - F 1,8 mm

**Tissue grasping and suture forceps, Team Atlanta**
- **curved**
  - G Ø 2,0 mm
  - H Ø 1,3 mm

---

**Forceps**

- **Cooley, surg. atraumatic**
  - A 14051.17 1,3 mm, straight
  - B 14054.17 1,3 mm, curved

- **anatomic, TC**
  - C 14052.17 1,3 mm, straight
  - D 14055.17 1,3 mm, curved

- **DeBakey**
  - E 14097.17 1,8 mm, straight
  - F 15095.17 1,8 mm, curved

- **Tissue grasping and suture forceps, Team Atlanta**
  - G 14142.17 Ø 2,0 mm, curved
  - H 14140.17 Ø 1,3 mm, curved
The dimensions and characteristics of the working surfaces of micro-instruments are especially adjusted for the handling of materials and existent tissue structures in microsurgery. A reduced space requirement makes for a better visualization, especially when working with simple magnifying glasses.

Ultra fine instruments are suitable for application in particularly fine tissue structures, e.g. in aesthetic plastic surgery, and when employing strong magnifying glasses or a microscope. The fine working tips permit a minimum of invasive intervention and are adjusted in their characteristics to the materials employed and the treated tissue structures.
Forceps

With passion for perfection

In comparison to normal forceps, this forcep has been specially bent to allow working comfortably in retro-molar areas.

Tissue grasping forceps
straight

- **B** Ø 1,3 mm
  - micro
- **D** Ø 1,3 mm
  - micro

curved

- **C** Ø 1,3 mm
  - micro

anatomic
straight

- **E** Ø 0,6 mm
  - ultra fine

curved

- **F** Ø 0,6 mm
  - ultra fine

Forceps
Cooley / Schmelzeisen

A 14136.17
- 0,8 mm, straight

B 14143.17
- Ø 1,3 mm, straight

C 14144.17
- Ø 1,3 mm, curved

D 14145.17
- Ø 1,3 mm, curved

E 14068.17
- Ø 0,6 mm, straight

F 14069.17
- Ø 0,6 mm, curved
Micro scissors

A finely serrated cutting edge prevents the scissors slipping from the tissue or suture.

Micro needle holders

0.6 mm
ultra fine
tungsten carbide
### Micro needle holders

**Barraquer**

- **stoma hy-grip**
- **tungsten carbide**

Delicate, perio-surgical spring needle holder may be turned in the hand, for atraumatic suturing. Fine sutures are created with lateral or with apical shifting lobes, on free mucous membrane transplantation.

<table>
<thead>
<tr>
<th></th>
<th>width of jaw</th>
<th>form of jaw</th>
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<tr>
<td>B</td>
<td>0,8 mm</td>
<td></td>
<td>15 cm</td>
</tr>
<tr>
<td>C</td>
<td>0,8 mm</td>
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</tr>
<tr>
<td>D</td>
<td>0,8 mm</td>
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<td>18 cm</td>
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**Castroviejo**

- **stoma hy-grip**
- with protected internal spring

<table>
<thead>
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<th>width of jaw</th>
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</thead>
<tbody>
<tr>
<td>I</td>
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<tr>
<td>L</td>
<td>0,8 mm</td>
<td></td>
<td>18 cm</td>
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</table>

**Micro needle holders**

**Barraquer**

- A 14750.15 straight 0,8 mm, 15 cm
- B 14751.15 curved 0,8 mm, 15 cm
- C 14750.18 straight 0,8 mm, 18 cm
- D 14751.18 curved 0,8 mm, 18 cm
- E 14745.15 straight 1,2 mm, 15 cm
- F 14746.15 curved 1,2 mm, 15 cm
- G 14745.18 straight 1,2 mm, 18 cm
- H 14746.18 curved 1,2 mm, 18 cm

**Castroviejo**

- I 14758.15 straight 0,8 mm, 15 cm
- J 14759.15 curved 0,8 mm, 15 cm
- K 14758.18 straight 0,8 mm, 18 cm
- L 14759.18 curved 0,8 mm, 18 cm
- M 14748.15 straight 1,2 mm, 15 cm
- N 14749.15 curved 1,2 mm, 15 cm
- O 14748.18 straight 1,2 mm, 18 cm
- P 14749.18 curved 1,2 mm, 18 cm

**With passion for perfection**

![Image](image-url)
„Berner Concept“ Prof. Dr. Dr. A. Sculean, M.S.
Module Plastic esthetic surgery set

A Module Plastic esthetic surgery set consisting of:
14446.01 Tunnel instrument fig. 1
14446.02 Tunnel instrument fig. 2
14446.03 Tunnel instrument Sculean / Aroca
14446.04 Tunnel instrument Sculean / Aroca
14439.00 Periosteal elevator
12839.00 Bone chisel
12850.00 Periodontal chisel
2991.07 stoma p.i.c.*-tray, with 2 racks for 7 instruments

Please find further sets of Prof. Dr. Dr. A. Sculean, M.S. on page 21, 25, 29 and 34!

Pronounced multiple recession in the aesthetic area.

Employment of the Sculean or Aroca tunnel instrument to obtain an atraumatic and complete mobilization of the buccal mucosae.

Application and fixture of the connective tissue transplant in the prepared tunnel.

Entire tensionless coverage of the connective tissue and the recession.
Instruments for tunneling

**stoma hy-grip**

A Tunnel instrument fig. 1

B Tunnel instrument fig. 2

C Tunnel instrument Sculean / Aroca

D Tunnel instrument Sculean / Aroca

E Periosteal elevator

F Bone chisel

<table>
<thead>
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<th>Description</th>
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<td>Bone chisel</td>
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<tr>
<td>3,5 mm</td>
<td>Bone chisel</td>
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G Periodontal chisel

<table>
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<th>Description</th>
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<tbody>
<tr>
<td>2 mm</td>
<td>Periodontal chisel</td>
</tr>
<tr>
<td>3 mm</td>
<td>Periodontal chisel</td>
</tr>
</tbody>
</table>

Tunnel instrument fig. 1

A 14446.01

Tunnel instrument fig. 2

B 14446.02

Tunnel instrument Sculean / Aroca

C 14446.03

Tunnel instrument Sculean / Aroca

D 14446.04

Periosteal elevator

E 14439.00

Bone chisel

F 12839.00

Periodontal chisel

G 12850.00
With the slightly bent tip of the periosteal elevator the attached mucosa is subjected to sharp supraperiosteal dissection beginning at the gingival edge. The shape of the instrument’s tip prevents the perforation of the mucosal flap. In the mobile mucosal area, the dissection continues to be executed in a minimally invasive manner, with the aid of a flat, arrow-shaped tip.

This instrument for lateral tunneling is suitable for use in the lateral tooth area. The angle of the two slightly bent tips facilitates access and makes secure and atraumatic mucosal flap preparation possible.

The special angle of this knife and short, pointed arrow-shaped form of the instrument’s tips permit tunnel preparation of those approximal regions which are difficult to access. Extremely flat tips permit gentle tunneling of the papillae.

This knife differs from the knife fig. 1 through its right-angle curvature at the tip ends. When properly indicated (bridge flaps), this instrument is used to perform tunnel preparation, apical to coronal, via access from the turn-out fold.
Bone files

**stoma** hy-grip*

A  Sugarman 3-4S

B  Schluger 9-10

---

**Chisels**

**stoma** hy-grip*

C  Rhodes 36-37
   Contra-angling for applications involving drawing

D  Ochsenbein fig. 4

---

**Ochsenbein**, heavy periodontal chisel

E  fig. 1, curved upwards
F  fig. 2, curved downwards

---

**Wedelstaedt**, chisel for burnishing cavities

G  CP1/2
   2 mm

H  CP3/4
   1,2 mm

I  CP5/6
   1,3 mm

---

**Bone files**

Sugarman 3-4S

A  12853.00

---

Schluger 9-10

B  12859.00

---

**Chisels**

Rhodes 36-37

C  12837.00

---

**Ochsenbein fig. 4**

D  12840.00

---

**Ochsenbein**

E  12841.00  fig. 1
curves upwards

F  12842.00  fig. 2
curved downwards

---

**Wedelstaedt**

G  13011.00  2 mm
   CP1/2

H  13013.00  1,2 mm
   CP3/4

I  13015.00  1,3 mm
   CP5/6
Gingivectomy knives

Particularly suitable for posterior inter-dental incision because of counter angle.

A Orban O1-2

B Kramer Nevins 7

C Kramer Nevins 11

D GF 7

E GF 11

F Kirkland K15-16
With passion for perfection

Periosteal elevators

Williger, 16 cm
A 4,5 mm  
B 6 mm  

Obwegeser, 18 cm
stoma hy-grip*
C 6 mm  
D 8 mm  

Molt
stoma hy-grip*
E 5 mm 8,5 mm  

F 5 mm 3 mm  
G 5 mm 4 mm  

Khoury
stoma hy-grip*
H 5 mm 8 mm  

De Wijs, 17,5 cm
stoma hy-grip*
I 3 mm  
J 5 mm  

The muco-periostum lobe is detached with the narrow working end and retracted with the broad one. The rounded working part reduces the pressure points on the lip and cheek as far as possible.

Due to its specially designed ends, the De Wijs periosteal elevator yields two benefits: atraumatic handling of the mucosa and a better view of the prepared area.
Periosteal elevators

**Periosteal elevators**

**A** Palti / Molt, 18 cm
Periosteal elevator with hole, for gentle detachment of the mucoperiostal flap. The hole allows for easy suturing or fixing a membrane by means of a pin.

**B** Palti
Particularly suitable for gentle detachment of large mucoperiostal flaps.

**C** Khayat

**D** Prichard
PR3L
left curved

**E** Prichard
PR3R
right curved

**F** Prichard
PR3, straight,
with hole

**G** EMOS

**H** Maiorana, retractor

---

**Periosteal elevators**

**stoma hy-grip**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Palti / Molt, 18 cm</td>
<td>14422.00</td>
</tr>
<tr>
<td>B</td>
<td>Palti</td>
<td>14423.00</td>
</tr>
<tr>
<td>C</td>
<td>Khayat</td>
<td>14435.00</td>
</tr>
<tr>
<td>D</td>
<td>PR3L</td>
<td>14425.08</td>
</tr>
<tr>
<td>E</td>
<td>PR3R</td>
<td>14425.10</td>
</tr>
<tr>
<td>F</td>
<td>PR3, straight, with hole</td>
<td>14425.03</td>
</tr>
<tr>
<td>G</td>
<td>EMOS</td>
<td>14427.00</td>
</tr>
<tr>
<td>H</td>
<td>Maiorana, retractor</td>
<td>14440.00</td>
</tr>
</tbody>
</table>
Periosteal elevators

**stoma** hy-grip*

A  Periosteal elevator / elevator papillas Memmingen

B  Elevator papillas

C  Freer, 18 cm

D  Buser, 18 cm

E  Palti, 17,5 cm

F  Zucchelli

G  Glickmann, fig. 24G

Combined periosteal elevator with one lance-shaped and one round working end. The lance-shaped working end is used for detaching the papillae and the marginal gingival crest. After that, the round end is used for gentle detachment of the mucoperiosteal flaps without damaging the tissue.
Neural holders

Lichtenberg

Very popular model thanks to its light weight and smooth moving action, with suture groove.

- **Lichtenberg**
  - **A** 4725.14
    - 14 cm, 2 mm, straight
  - **B** 4725.17
    - 17 cm, 2 mm, straight
  - **C** 4741.17
    - 17 cm, 2 mm, curved

Castroviejo / Genon

- **D** 14747.15
  - 15 cm, 2,2 mm

Stoma

- **E** 4738.17
  - 17 cm, 2,2 mm, straight
- **F** 4739.17
  - 17 cm, 2,2 mm, curved
- **G** 4742.17
  - 17 cm, 1,5 mm, straight
- **H** 4743.17
  - 17 cm, 1,5 mm, curved
Needle holders

Crile-Wood

- **macro**
  - A 15 cm, 2 mm
  - B 18 cm, 2 mm
  - C 15 cm, 2 mm

- **tungsten carbide**

Microvascular

- **advanced**
  - D 15 cm, 1,8 mm
  - E 18 cm, 1,8 mm

- **tungsten carbide**

diamond coated

- **micro**
  - F 13 cm, 1 mm
  - G 14.5 cm, 1 mm
  - H 18 cm, 1 mm

Needle holders

Crile-Wood

- A 4710.15
  - 15 cm, 2 mm
- B 4710.18
  - 18 cm, 2 mm
- C 4711.15
  - 15 cm, 2 mm

Microvascular

- D 4708.14
  - 15 cm, 1,8 mm
- E 4708.18
  - 18 cm, 1,8 mm

diamond coated

- F 4760.13
  - 13 cm, 1 mm
- G 4760.15
  - 14.5 cm, 1 mm
- H 4760.18
  - 18 cm, 1 mm
stoma suture®
Reliable wound closure.

www.stoma.de
The thread

Characteristics:
• non absorbable, polyfilament, synthetic braid of polyester fibres
• high tensile strength and safer knots due to special braiding structure
• homogeneous uniform thread surface, this results in an outstanding slide ability
• reduced wick effect due to impregnation

Characteristics:
• non absorbable, polyfilament, natural suture from the web of the silkworm
• good tensile strength owing to special braiding
• extremely supple and flexible
• good knotting characteristics as well as greater knot security, uniform structure
• capillarity reduced due to impregnation

Characteristics:
• non-absorbable, synthetic thread made of „polyamide 6“
• pseudomonofilament up to thread strength USP 4-0 (metric 1.5) and monofilament thread strength USP 5-0 (metric 1) and up
• combines the characteristics of braided threads (flexibility and easy knotting) and monofilament threads (smooth surface)
• no wick effect due to external sheath

Characteristics:
• non-absorbable, monofilament thread made of polyvinylidene difluoride
• excellent handling due to optimum mechanical characteristics, with ensured knot security compared to other monofilament threads
• other characteristics include high knot tensile strength and suppleness
• no wick effect

Characteristics:
• absorbable, polyfilament, synthetic, suture material made of polyglycolide (PGA)
• extraordinarily high-grade and extremely supple thanks to precision braiding and coating
• guarantees perfect knot security, high tensile strength and gentle yet effective tissue passage
• the tear strength is still 50% after 14 to 16 days and the absorption ends after about 90 days

Characteristics:
• has largely the same characteristics as stoma-pga
• the tear strength is still approx. 50% after 7 days and approaches zero after 21 days
• The decomposition process is totally completed after about 42 days.

Capillarity (wick effect):
Braided threads draw tissue fluid and microbes like a wick into the inside of the wound. This problem can be reduced or rather solved by means of special coatings.
The thread

The primary task of suture material is to sufficiently protect the sutured structures from other influences while the wound is healing. A distinction is made between monofilament, polyfilament and pseudomonofilament thread:

Characteristics monofilament:
• consists of one thread, smooth surface
• less flexibility compared to polyfilament threads
• the thinner the thread, the easier it is to handle, especially for tying knots
• no capillarity owing to smooth, closed surface and entirely closed interior
• extremely good slide ability through the tissue

Characteristics pseudomonofilament:
• the inside of the thread consists of multifilament material
• a sheath-like coating provides a smooth surface
• high suppleness in handling, especially for tying knots
• no capillarity
• combines the good characteristics of monofilament and polyfilament threads

Characteristics polyfilament:
• braided thread
• very supple and good to work with
• rough surface creates good secure knots, but has a more traumatic effect in its passage through the tissue
• high capillarity

The coding of the needle

The coding of the needle shape is composed of different letters and numbers:

---

**H**

**needle form**
- B = biradial
- D = 3/8 circular
- G = straight
- H = 1/2 circular

**R**

**cross section of needle**
- R = round body
- S = cutting

**T**

**special features**
- T = trocar point
- S = slim point
- M = micro point

**17**

**length of needle / curve (in mm)**

---

Characteristics of the needle:
• made from high-grade stainless steel.
• due to unique alloying and surface treatment a very high bend resistance.
• allow for easy piercing with minimum wound trauma due to their polished surface and a smooth interface between the needle and the thread. This causes an absolutely minimal amount of tissue trauma. Thanks to special grinding treatment, the needle tip remains sharp even after multiple piercings.
## Needle-suture-combination

### Length of thread: 45 cm, VE* 12 pieces

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<th>needle</th>
<th>type</th>
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<td>GR 19</td>
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<tr>
<td></td>
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<td>0,7 6-0</td>
</tr>
<tr>
<td></td>
<td>N1</td>
<td>DSM 13</td>
<td>0,7 6-0</td>
</tr>
<tr>
<td></td>
<td>O1</td>
<td>DSM 16</td>
<td>0,7 6-0</td>
</tr>
<tr>
<td></td>
<td>P1</td>
<td>DSM 19</td>
<td>1 5-0</td>
</tr>
<tr>
<td></td>
<td>Q1</td>
<td>HR 17</td>
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<tr>
<td></td>
<td>R1</td>
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<td>0,7 6-0</td>
</tr>
<tr>
<td></td>
<td>S1</td>
<td>DSM 11</td>
<td>0,7 6-0</td>
</tr>
</tbody>
</table>

Suture material is not available in every country! Please ask your local dealer.

### Length of thread 75 cm, VE* 24 pieces

<table>
<thead>
<tr>
<th>Material</th>
<th>needle</th>
<th>type</th>
<th>thread thickness</th>
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<tbody>
<tr>
<td>stoma-supramid black</td>
<td>A1</td>
<td>GR 19</td>
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<tr>
<td></td>
<td>B1</td>
<td>HR 17</td>
<td>2 3-0</td>
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<tr>
<td></td>
<td>C1</td>
<td>HR 22</td>
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<td></td>
<td>D1</td>
<td>HRT 17</td>
<td>2 4-0</td>
</tr>
<tr>
<td></td>
<td>E1</td>
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<td></td>
<td>F1</td>
<td>HS 18</td>
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<td>G1</td>
<td>HS 18</td>
<td>1,5 4-0</td>
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<tr>
<td></td>
<td>H1</td>
<td>HS 23</td>
<td>2 3-0</td>
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<td>I1</td>
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<td>K1</td>
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<td>L1</td>
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<td>0,7 6-0</td>
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</table>

*VE = packaging unit

---

**Length of thread 45 cm, VE* 12 pieces**

| A | 4204.21 |
| B | 4253.21 |
| C | 4233.21 |
| D | 4234.21 |
| E | 4293.21 |
| F | 4294.21 |
| G | 4224.21 |
| H | 4203.01 |
| I | 4204.01 |
| J | 4244.01 |
| K | 4253.01 |
| L | 4254.01 |
| M | 4232.01 |
| N | 4233.01 |
| O | 4234.01 |
| P | 4293.01 |
| Q | 4294.01 |
| R | 4185.01 |
| S | 4222.01 |
| T | 4223.01 |
| U | 4224.01 |
| V | 4163.01 |
| W | 4263.01 |
| X | 4204.11 |
| Y | 4254.11 |
| Z | 4234.11 |
| A1| 4293.11 |
| B1| 4294.11 |
| C1| 4184.11 |
| D1| 4185.11 |
| E1| 4223.11 |
| F1| 4224.11 |
| G1| 4163.11 |
| H1| 4285.11 |
| I1| 4355.11 |
| J1| 4306.41 |
| K1| 4368.41 |
| L1| 4377.41 |
| M1| 4276.41 |
| N1| 4346.41 |
| O1| 4326.41 |
| P1| 4335.41 |
| Q1| 4254.31 |
| R1| 4316.31 |
| S1| 4316.51 |

**Length of thread 75 cm, VE* 24 pieces**

| T1 | 4223.16 |
| U1 | 4224.16 |
**Bone curettes**

**Lucas, 17 cm**

- **A** 14621.15 - 1,5 mm
- **B** 14621.25 - 2,5 mm
- **C** 14621.30 - 3 mm
- **D** 14621.50 - 5 mm

**Hemingway, 17,5 cm**

- **E** 4636.25 - 2,5 mm
- **F** 4636.30 - 3 mm
- **G** 4636.35 - 3,5 mm
- **H** 4636.45 - 4,5 mm

**Will, 17 cm**

- **I** 4630.25 - 2,5 mm
- **J** 4630.30 - 3 mm
- **K** 4630.35 - 3,5 mm

**Cawood-Minnesota, 15,5 cm**

- **M** 4035.00

---

**Cheek retractors**

**Sternberg, 14 cm**

- **L** 4032.00

**Cawood-Minnesota, 15,5 cm**

- **M** 4035.00

---

**Hilger**

- **N** 4015.01

---

**Ultra-light cheek retractor for front and side tooth area.**

Please find mini titanium curettes on page 21!
Cheek retractors

Middeldorp, 20 cm

A Fig. 1, 15 x 15 mm
B Fig. 2, 20 x 22 mm

C Vestibulum retractor with bars, 17.5 cm
This retractor is used for implants, peri-surgical and pre-prosthetic operations because a complete field of operation is ensured. The whole lip in the upper and lower jaw can be retracted with one hand. Particularly suitable for photographic documentation.

Cheek and wound retractors

D John, for lobe and vestibulum

E Sontheimer

Cheek and wound retractors

D 14016.00

Sontheimer

E 14428.00
Surgery

Cheek and wound retractors

Kocher, 22 cm
A 4053.25 28 x 7 mm
B 4053.35 35 x 11 mm
C 4053.55 55 x 11 mm

Herkt, 14 cm
D 4054.25 28 x 7 mm
E 4054.35 35 x 11 mm
F 4054.55 55 x 11 mm

Mandibular retractor, 22 cm
G 4024.08 left
H 4024.10 right

The retractor is shaped especially for displaying the area of a wound in the mandibular region. Its shape enables the mandibular sling to be securely retracted, so that bone blocks or deeply impacted wisdom teeth can be easily removed. Mandibular fractures can be clearly displayed.
Scissors

The cutting edge is available in the following various types:

- The cutting edges are smooth on both sides.

- A finely serrated cutting edge prevents the scissors slipping e.g. from sutures and tissue.

- Because of a special grind, *super cut*, one scissor blade has a razor-sharp cutting edge which enables a gentle cutting direction but at the same time reduces trauma. The second blade has a micro-serration which prevents the scissors slipping from tissue or sutures. One finger ring is gold plated for better identification.

- Both scissor blades are overlaid on the inner side with * wolfram carbide*. The scissors cannot slip from tissue or sutures on account of the rough surface. Both rings are gold plated.

- The scissor blades have hard metal inserts, *tungsten carbide* which enables a precise and gentle cutting direction to be made, as well as ensuring a long service life. Both rings are gold plated.
Surgery

Scissors

Iris, 11,5 cm, curved
A 3501.11 smooth
B 3541.11 with tooth
C 3581.11 sc
D 3621.11 wc
E 3661.11 tc

Scissors with sharp points, 11,5 cm, curved
F 3519.11 smooth
G 3639.11 wc

Goldman-Fox, 13 cm, curved
H 3562.13 with tooth
I 3602.13 sc
J 3642.13 wc
K 3682.13 tc

Kelly
L 3545.16 straight 16 cm
M 3546.16 curved 16 cm
N 3546.18 curved 18 cm
O 3547.16 angled 16 cm

Scissors with sharp points, 11,5 cm, curved

Goldman-Fox, 13 cm, curved

Kelly
Scissors

Metzenbaum, 14,5 cm
blunt/blunt

A

Metzenbaum-Fino
blunt/blunt

B 14 cm
C 18 cm

La Grange, 11,5 cm

F  G

These gingivectomy scissors have a double curve. This enables a diagonal cutting direction to be made in the distal area. It can particularly be used for lobe thinning because of the single sided micro serration.

Please find micro-scissors on page 40!
Bone rongeur forceps

- **Boehler, 15 cm**
  - A 3230.14
- **Beyer, 18 cm**
  - B 3230.18

- **Friedmann, 15 cm**
  - D 3264.00  round
  - E 3265.00  angled

- **Mini-Friedmann, 15 cm**
  - F 3266.30  30°
  - G 3266.45  45°
  - H 3266.90  90°

- **fig. 18, 17 cm**
  - C 3218.00
Periotomes

**stoma hy-grip**

**angled**
- A Ø 8 mm
- B Ø 10 mm

**straight**
- C Ø 8 mm
- D Ø 10 mm

**angled for tooth face**
- E Ø 8 mm
- F Ø 10 mm

**stoma color-stick**

**angled for tooth face**
- G Ø 8 mm
- H Ø 10 mm

**angled**
- I Ø 8 mm
- J Ø 10 mm

**angled for tooth face**
- K Ø 8 mm
- L Ø 10 mm

**straight / angled for tooth face**
- M Ø 8 mm
- N Ø 10 mm

**straight**
- O Ø 8 mm
- P Ø 10 mm

**angled for tooth face**
- Q Ø 8 mm
- R Ø 10 mm

**Periotomes**

**angled**
- A 12965.00 Ø 8 mm
- B 12965.10 Ø 10 mm

**straight**
- C 12966.00 Ø 8 mm
- D 12966.10 Ø 10 mm

**angled for tooth face**
- E 12967.00 Ø 8 mm
- F 12967.10 Ø 10 mm

**angled / straight color-stick**
- G 7960.00 Ø 8 mm
- H 7960.10 Ø 10 mm

**hy-grip**
- I 12960.00 Ø 8 mm
- J 12960.10 Ø 10 mm

**angled for tooth face color-stick**
- K 7961.00 Ø 8 mm
- L 7961.10 Ø 10 mm

**hy-grip**
- M 12961.00 Ø 8 mm
- N 12961.10 Ø 10 mm

**straight / angled for tooth face color-stick**
- O 7962.00 Ø 8 mm
- P 7962.10 Ø 10 mm

**hy-grip**
- Q 12962.00 Ø 8 mm
- R 12962.10 Ø 10 mm
Mini luxators

These mini luxators have an anatomically curved blade to adapt to the tooth root. Through a slight rotating movement the periodontal ligaments can be cut cleanly, at the same time dilating while preserving the alveolar bone.

14 cm

Position the luxator tip „directly“ into the periodontal space on the mesial side of the root. Insert the luxator into the periodontium until 2/3 of the root length with small axial movements and under slight pressure.

If the root remains fixed, repeat the same operation on the distal side. After this mesial and distal luxation the tooth should be easy to extract.

Mini luxator sets

We would be pleased to advise you and show you the products of this set.
Root elevators

The Stoma root elevator according to Gärtner is characterized by very flat, sharp-edged tips. To achieve effective luxation it may be used interdentally as well as periodontally.

<table>
<thead>
<tr>
<th>Gärtners, 12,5 cm</th>
<th>straight</th>
<th>strongly curved</th>
<th>slightly curved</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 2,5 mm</td>
<td>D 2,5 mm</td>
<td>G 2,5 mm</td>
<td></td>
</tr>
<tr>
<td>B 3,5 mm</td>
<td>E 3,5 mm</td>
<td>H 3,5 mm</td>
<td></td>
</tr>
<tr>
<td>C 4,5 mm</td>
<td>F 4,5 mm</td>
<td>I 4,5 mm</td>
<td></td>
</tr>
</tbody>
</table>

Bein, 14,5 cm

<table>
<thead>
<tr>
<th>J 3 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>K 4 mm</td>
</tr>
<tr>
<td>L 5 mm</td>
</tr>
</tbody>
</table>

With the special bayonet form of the tip, these root elevators are particularly useful in the molar region. The angled design of these models allow optimal access without putting strain on the lips and cheeks.

Luxators

Bernard

<table>
<thead>
<tr>
<th>P fig. 1 straight</th>
<th>Q fig. 21 curved</th>
<th>R fig. 6 curved, left</th>
<th>S fig. 7 curved, right</th>
</tr>
</thead>
</table>

Root elevators

<table>
<thead>
<tr>
<th>Gärtners, 12,5 cm straight</th>
</tr>
</thead>
<tbody>
<tr>
<td>A 1006.00 2,5 mm</td>
</tr>
<tr>
<td>B 1007.00 3,5 mm</td>
</tr>
<tr>
<td>C 1008.00 4,5 mm</td>
</tr>
</tbody>
</table>

strongly curved

| D 1026.00 2,5 mm            |
| E 1027.00 3,5 mm            |
| F 1028.00 4,5 mm            |

slightly curved

| G 1036.00 2,5 mm            |
| H 1037.00 3,5 mm            |
| I 1038.00 4,5 mm            |

Bein, 14,5 cm

| J 1067.00 3 mm             |
| K 1068.00 4 mm             |
| L 1069.00 5 mm             |

| M 1062.04 mesial, 4 mm     |
| N 1062.41 mesial, 4 mm, with riffle |
| O 1063.04 distal, 4 mm    |

Luxators

Bernard

| P fig. 1 straight          |
| Q fig. 21 curved           |
| R fig. 6 curved, left      |
| S fig. 7 curved, right     |
Through slight rotating movements, the slender jaws of the forceps are introduced into the periodontal space. The sharp edges divide Sharpey’s fibres and obtain good retention of the root. The root remains in the curvature of the jaws of the forceps and can be removed easily.

Special forceps for roots

Fifo-grip

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>upper jaw</td>
<td>944.00</td>
</tr>
<tr>
<td>B</td>
<td>upper jaw</td>
<td>944.01</td>
</tr>
<tr>
<td>C</td>
<td>lower jaw</td>
<td>945.00</td>
</tr>
<tr>
<td>D</td>
<td>upper jaw</td>
<td>951.00</td>
</tr>
<tr>
<td>E</td>
<td>lower jaw</td>
<td>974.00</td>
</tr>
<tr>
<td>F</td>
<td>upper jaw</td>
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<td>G</td>
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<td>846.00</td>
</tr>
<tr>
<td>H</td>
<td>lower jaw</td>
<td>959.01</td>
</tr>
<tr>
<td>I</td>
<td>upper jaw</td>
<td>897.00</td>
</tr>
</tbody>
</table>

Surgery
Special deep-reaching forceps

These forceps, with their parallel grasp on the neck of the tooth and deep reach in the alveolar region, provide a secure hold for the extraction of the tooth.

<table>
<thead>
<tr>
<th>Image</th>
<th>Description</th>
<th>Codification</th>
<th>Teeth Location</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>Fifo-grip upper anterior teeth</td>
<td>934.01</td>
<td>upper anterior teeth</td>
</tr>
<tr>
<td>B</td>
<td>Fifo-grip upper wisdoms</td>
<td>935.00</td>
<td>upper wisdoms</td>
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<tr>
<td>C</td>
<td>Fifo-grip upper wisdoms</td>
<td>967.01</td>
<td>upper wisdoms</td>
</tr>
<tr>
<td>D</td>
<td>Fifo-grip upper bicuspids</td>
<td>935.01</td>
<td>upper bicuspids</td>
</tr>
<tr>
<td>E</td>
<td>Fifo-grip lower front/bicuspids</td>
<td>936.00</td>
<td>lower front/bicuspids</td>
</tr>
<tr>
<td>F</td>
<td>Fifo-grip lower front/bicuspids</td>
<td>936.01</td>
<td>lower front/bicuspids</td>
</tr>
<tr>
<td>G</td>
<td>Fifo-grip lower wisdoms broad</td>
<td>979.01</td>
<td>lower wisdoms broad</td>
</tr>
<tr>
<td>H</td>
<td>Fifo-grip lower wisdoms small</td>
<td>979.02</td>
<td>lower wisdoms small</td>
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</table>

Root forceps superfine

<table>
<thead>
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<th>Description</th>
<th>Codification</th>
<th>Teeth Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>J</td>
<td>Fifo-grip upper jaw cross-grip</td>
<td>197.11</td>
<td>upper jaw</td>
</tr>
<tr>
<td>K</td>
<td>Fifo-grip lower jaw cross-grip</td>
<td>146.11</td>
<td>lower jaw</td>
</tr>
<tr>
<td>L</td>
<td>Fifo-grip lower jaw cross-grip</td>
<td>133.11</td>
<td>lower jaw</td>
</tr>
<tr>
<td>M</td>
<td>Fifo-grip upper jaw cross-grip</td>
<td>149.11</td>
<td>upper jaw</td>
</tr>
</tbody>
</table>
Implantology
Prof. Dr. F. Khoury
Sinus set

A  Sinus set
consisting of:
14608.01  Sinus-lift elevator, Khoury, 3 mm/3 mm
14608.02  Sinus-lift elevator, Khoury, 3 mm/4,5 mm
14608.03  Sinus-lift elevator, Khoury, 4,5 mm/4,5 mm
14671.00  Granulate plugger, Khoury
14634.00  Bone applicator with pusher, Khoury
5382.15   Irrigation cannulas with olive, Ø 1,5 mm, 80 mm
6668.03   Stand for manageable pieces of counter-angle burs until 45 mm
78708.42  stoma p.i.c.*-tray for sinus set

Please find further sets of Prof. Dr. F. Khoury on page 28, 35 and 89!

Bone applicator

B  Bone applicator with pusher and compactor, Khoury

The open applicator for bone material with pusher (piston) has the advantage of enabling the user to pick up and apply bone material. The bone material is picked up by the open end of the instrument and can be carried and applied using one hand only. The compactor on the other end of the instrument allows a condensation and adaption of bone material at the defect.
For this product stoma* has got a german protection of registered designs.
A sinus lift operation is often carried out when there is insufficient vertical bone to anchor an implant in the region of the upper molars. A variation to the traditional sinus lift is the concept of minimally invasive antrum filling. By applying these methods, the number, extent and risk of the second operation as opposed to the traditional sinus lift operation, can be reduced to a minimum.

Instruments for sinus lift

**Khoury**

A 14608.01
3 / 3 mm

B 14608.02
3 / 4,5 mm

C 14608.03
4,5 / 4,5 mm

**Memmingen**

D 14610.05
5 / 4 mm

**Myron Nevins**

E 14610.06
5 / 7 mm

F 14610.07
5 / 7 mm

*stoma* hy-grip

<table>
<thead>
<tr>
<th>Instruments for sinus lift</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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</tr>
<tr>
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<tr>
<td>B</td>
<td></td>
<td>3</td>
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<td>3 / 4,5 mm</td>
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<td>C</td>
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<td>4,5</td>
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<tr>
<td>4,5 / 4,5 mm</td>
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</tr>
<tr>
<td>D</td>
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<td>4</td>
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<td>5 / 7 mm</td>
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<td>F</td>
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<td>7</td>
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<tr>
<td>14610.07</td>
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<tr>
<td>5 / 7 mm</td>
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</table>

A sinus lift operation is often carried out when there is insufficient vertical bone to anchor an implant in the region of the upper molars. A variation to the traditional sinus lift is the concept of minimally invasive antrum filling. By applying these methods, the number, extent and risk of the second operation as opposed to the traditional sinus lift operation, can be reduced to a minimum.
Instruments for sinus lift

**stoma hy-grip**

**Tatum/Palti**
A  3 mm

**Tinti**
B  3 mm

**Palti**
C  4,5 mm
D  3,5 mm

**Will**
E  3 mm
F  4 mm
G  3 mm
H  4 mm
I  4 mm
J  4 mm

**Instruments for sinus lift**

**Tatum/Palti**
A  **14610.08**  3 mm

**Tinti**
B  **14611.08**  3 mm

**Palti**
C  **14609.01**  4,5 mm
D  **14609.02**  3,5 mm

**Will**
E  **14610.01**  3 mm
F  **14610.11**  4 mm
G  **14610.02**  3 mm
H  **14610.12**  4 mm
I  **14610.03**  4 mm
J  **14610.04**  4 mm
Set proposal 6617.00  
3D Implant Positioning Set

We would be pleased to advise you and show you the products of this set.

Spreading instruments

Memmingen, straight
A 13375.01  1,6 / 1,6 mm
B 13375.02  1,6 / 2,2 mm
C 13375.03  2,2 / 2,2 mm

Memmingen, off-set
D 13376.01  1,6 / 1,6 mm
E 13376.02  1,6 / 2,2 mm
F 13376.03  2,2 / 2,2 mm

Distance holders

height 1 + 9 mm
G 13378.01  for Ø 3,3 mm
H 13378.02  for Ø 3,3 mm
I 13378.03  for Ø 3,8 mm
J 13378.04  for Ø 4,3 mm
K 13378.05  for Ø 5,0 mm
L 13378.06  for Ø 6,0 mm

height 4 + 6 mm
M 13379.01  for Ø 3,3 mm
N 13379.02  for Ø 3,3 mm
O 13379.03  for Ø 3,8 mm
P 13379.04  for Ø 4,3 mm
Q 13379.05  for Ø 5,0 mm
R 13379.06  for Ø 6,0 mm

After using the spreading instrument 1,6 mm, the appropriate sleeve may again be fixed in position with a fixation pin and the dorsal positioning of the implant carried out.

Distance holders

<table>
<thead>
<tr>
<th>height 1 + 9 mm</th>
<th>height 4 + 6 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>i</td>
<td>a</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>height 1 + 9 mm</th>
<th>height 4 + 6 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>M</td>
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<tr>
<td>H</td>
<td>N</td>
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<td>I</td>
<td>O</td>
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<td>P</td>
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<tr>
<td>K</td>
<td>Q</td>
</tr>
<tr>
<td>L</td>
<td>R</td>
</tr>
</tbody>
</table>

Determination of the implant diameter using the 1mm-step cylinder seating sleeves.

Determination of the vertical dimension using the 4mm-step cylinder seating sleeves.
Tissue punches

The tissue punches for manual application are only to be used with the spreading instruments 13375.01 / 13376.01 on page 72.

<table>
<thead>
<tr>
<th>100 % closed</th>
<th>50 % closed</th>
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</thead>
<tbody>
<tr>
<td>A</td>
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</tr>
<tr>
<td>B</td>
<td>G</td>
</tr>
<tr>
<td>C</td>
<td>H</td>
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<tr>
<td>D</td>
<td>I</td>
</tr>
<tr>
<td>E</td>
<td>J</td>
</tr>
</tbody>
</table>

Tissue punches contra-angle, Palti

Suitable also for handpiece and contra-angle burs.

Rack for tissue punches

O for 10 pieces up to a length of 25 mm

Please find further racks on page 81!
Osteotomes

Memmingen, straight

A  fig. 1  Ø a 2,2 mm / Ø b 2,7 mm  
B  fig. 2  Ø a 2,7 mm / Ø b 3,2 mm  
C  fig. 3  Ø a 3,2 mm / Ø b 3,7 mm  
D  fig. 4  Ø a 3,7 mm / Ø b 4,2 mm  
E  fig. 5  Ø a 4,2 mm / Ø b 4,7 mm  
F  fig. 6  Ø a 4,7 mm / Ø b 5,4 mm

Memmingen, off-set

G  fig. 1  Ø a 2,2 mm / Ø b 2,7 mm  
H  fig. 2  Ø a 2,7 mm / Ø b 3,2 mm  
I  fig. 3  Ø a 3,2 mm / Ø b 3,7 mm  
J  fig. 4  Ø a 3,7 mm / Ø b 4,2 mm  
K  fig. 5  Ø a 4,2 mm / Ø b 4,7 mm  
L  fig. 6  Ø a 4,7 mm / Ø b 5,4 mm

The diameter of the set of osteotomes is aligned in such a manner that the tip of the instrument of the following osteotome fits in the bone cavity created by the previous instrument. Scaling provides the means for safe depth gauging and conforms to common implant lengths.

Guide forceps

M  Guide forceps for screwdrivers, 17 cm

The guide forceps are suitable for all common implant systems, making the use of various screwdrivers inside the patient’s mouth safer and more convenient e.g. during replacement of different abutments.
Osteotomes / bonepushers

A  **Handle** for osteotome-/bonepusher-inserts, Palti

**Osteotome inserts, convex, straight, Palti**

- B  fig. 1  Ø a 2,0 mm / Ø b 2,7 mm
- C  fig. 2  Ø a 2,7 mm / Ø b 3,2 mm
- D  fig. 3  Ø a 3,2 mm / Ø b 3,7 mm
- E  fig. 4  Ø a 3,7 mm / Ø b 4,2 mm
- F  fig. 5  Ø a 4,2 mm / Ø b 5,0 mm

**Osteotome inserts, plane, straight, bonepusher Palti**

- G  fig. 1  Ø a 2,7 mm
- H  fig. 2  Ø a 3,2 mm
- I  fig. 3  Ø a 3,7 mm
- J  fig. 4  Ø a 4,2 mm
- K  fig. 5  Ø a 5,0 mm

**Osteotome inserts, concave, straight, Palti**

- L  fig. 1  Ø a 2,0 mm / Ø b 2,7 mm
- M  fig. 2  Ø a 2,7 mm / Ø b 3,2 mm
- N  fig. 3  Ø a 3,2 mm / Ø b 3,7 mm
- O  fig. 4  Ø a 3,7 mm / Ø b 4,2 mm
- P  fig. 5  Ø a 4,2 mm / Ø b 5,0 mm

---

**Handle for osteotome-inserts**

A  **13325.00**

**Osteotome inserts Palti**

- fig. 1  Ø a 2,0 mm / Ø b 2,7 mm
- fig. 2  Ø a 2,7 mm / Ø b 3,2 mm
- fig. 3  Ø a 3,2 mm / Ø b 3,7 mm
- fig. 4  Ø a 3,7 mm / Ø b 4,2 mm
- fig. 5  Ø a 4,2 mm / Ø b 5,0 mm

**Set proposal 16601.00**

**Bone-Spreading Kit**

We would be pleased to advise you and show you the products of this set.

**Handle for osteotome-inserts**

A  **13325.00**

**Osteotome inserts Palti**

- convex, straight
  - B  **13326.01**  2,0/2,7 mm
  - C  **13326.02**  2,7/3,2 mm
  - D  **13326.03**  3,2/3,7 mm
  - E  **13326.04**  3,7/4,2 mm
  - F  **13326.05**  4,2/5,0 mm
- plane, straight, bonepusher
  - G  **13328.01**  2,7 mm
  - H  **13328.02**  3,2 mm
  - I  **13328.03**  3,7 mm
  - J  **13328.04**  4,2 mm
  - K  **13328.05**  5,0 mm
- concave, straight
  - L  **13330.01**  2,0/2,7 mm
  - M  **13330.02**  2,7/3,2 mm
  - N  **13330.03**  3,2/3,7 mm
  - O  **13330.04**  3,7/4,2 mm
  - P  **13330.05**  4,2/5,0 mm
- convex, off-set
  - Q  **13327.01**  2,0/2,7 mm
  - R  **13327.02**  2,7/3,2 mm
  - S  **13327.03**  3,2/3,7 mm
  - T  **13327.04**  3,7/4,2 mm
  - U  **13327.05**  4,2/5,0 mm
- plane, off-set, bonepusher
  - V  **13329.01**  2,7 mm
  - W  **13329.02**  3,2 mm
  - X  **13329.03**  3,7 mm
  - Y  **13329.04**  4,2 mm
  - Z  **13329.05**  5,0 mm
- concave, off-set
  - A  **13331.01**  2,0/2,7 mm
  - B  **13331.02**  2,7/3,2 mm
  - C  **13331.03**  3,2/3,7 mm
  - D  **13331.04**  3,7/4,2 mm
  - E  **13331.05**  4,2/5,0 mm
This dilatator (oval head) is used for an alveolar crest approx. 3 mm in width. The vestibule is spread toward the lip using very gentle taps of the mallet.

This dilatator (conical head) is used to shape the bone into a yoke-like form (horizontal preparation). The subsequent vertical preparation of the implant site is effected using osteotomes.
Bone chisels

With passion for perfection

The very sharp working end of these precision instruments makes it possible to open and dilate the ridge without prior use of a diamond disk. The scale markings at intervals of 2 mm ensure exact monitoring of the penetration depth.

Bone chisel Kramer-Nevins, 17 cm

E 5 mm
F 7 mm

These chisels are used for removing blocks of bone and can be used for smoothing the surface of the bone.
Bone spreaders

Nentwig, straight

**Stoma** hy-grip*  
A 13290.01 fig. 1  
B 13290.02 fig. 2  
C 13290.03 fig. 3  
D 13290.04 fig. 4

Set Nentwig, straight  
E 13290.00

Nentwig, straight

**Stoma** color-stick*  
F 13294.01 fig. 1  
G 13294.02 fig. 2  
H 13294.03 fig. 3  
I 13294.04 fig. 4

Set Nentwig, straight  
J 13294.00

Nentwig, off-set

**Stoma** hy-grip*  
K 13291.01 fig. 1  
L 13291.02 fig. 2  
M 13291.03 fig. 3  
N 13291.04 fig. 4

Set Nentwig, off-set  
O 13291.00

Nentwig, off-set

**Stoma** color-stick*  
P 13295.01 fig. 1  
Q 13295.02 fig. 2  
R 13295.03 fig. 3  
S 13295.04 fig. 4

Set Nentwig, off-set  
T 13295.00

---

**Bone spreaders**

**Nentwig, straight**

![Diagram of Nentwig, straight spreader]

<table>
<thead>
<tr>
<th>fig. 1</th>
<th>Ø a 1,6 mm Ø b 2,2 mm</th>
<th><strong>Stoma</strong> hy-grip*</th>
<th><strong>Stoma</strong> color-stick*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø a 2,2 mm Ø b 2,8 mm</td>
<td><strong>Stoma</strong> color-stick*</td>
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</tr>
<tr>
<td>Ø a 2,8 mm Ø b 3,4 mm</td>
<td><strong>Stoma</strong> color-stick*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ø a 3,4 mm Ø b 4,0 mm</td>
<td><strong>Stoma</strong> color-stick*</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Nentwig, off-set**

![Diagram of Nentwig, off-set spreader]

<table>
<thead>
<tr>
<th>fig. 1, Ø a 1,6 mm Ø b 2,2 mm</th>
<th><strong>Stoma</strong> hy-grip*</th>
<th><strong>Stoma</strong> color-stick*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø a 2,2 mm Ø b 2,8 mm</td>
<td><strong>Stoma</strong> color-stick*</td>
<td></td>
</tr>
<tr>
<td>Ø a 2,8 mm Ø b 3,4 mm</td>
<td><strong>Stoma</strong> color-stick*</td>
<td></td>
</tr>
<tr>
<td>Ø a 3,4 mm Ø b 4,0 mm</td>
<td><strong>Stoma</strong> color-stick*</td>
<td></td>
</tr>
</tbody>
</table>

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**Set Nentwig, straight**

E 13290.00

**Set Nentwig, off-set**

O 13291.00

---

**Nentwig, straight**

consisting of A, B, C, D with tray 2991.07

**Nentwig, off-set**

consisting of F, G, H, I with tray 2991.07
Mallets

A  **solid, 140 g, 16,5 cm**
   Head: Ø 20 mm

B  **Vickers, 210 g, 17 cm**
   with coating
   Head: Ø 25 mm

C  **Spare jaws for Vickers Mallet B, 1 pair**

D  **Mead, 320 g, 18 cm**
   Head: Ø 26 mm

E  **Spare jaws for Mead Mallet D, 1 pair**

Dead blow hammer made of **Ferrozell**

F  **250 g, 26 cm, massive** (very light despite its size)

G  **400 g, 26 cm, filled with lead**

H  **massive, 720 g, 24 cm**
   with coating
   Head: Ø 40 mm

Please find our bone crusher on page 84!
Safescraper® TWIST and Micross are ready to use, sterile and surgical single-use instruments for the collection of autologous bone.

The collection is very easy and a well accepted method for the patients with a minimal-invasive technique. The easy to handle single use bone collectors make collection of either small or large amounts of autologous bone possible. The harvested bone is collected in the sterile body of the instrument. The bone chips form an entangled mass that can be moved as a whole for example with some tweezers. With the bone chips intact vital osteocytes can be transplanted – ideal to use for bone regeneration.

Safescraper® TWIST and Micross are ready to use, sterile and surgical single-use instruments for the collection of autologous bone.

As these bone scrapers are made of special steel, they can be used several times and can be re-grinded.
Trephine drills

with cooling

A  e = 3 mm, i = 2 mm
B  e = 4 mm, i = 3 mm
C  e = 5 mm, i = 4 mm
D  e = 6 mm, i = 5 mm
E  e = 7 mm, i = 6 mm
F  e = 8 mm, i = 7 mm
G  e = 9 mm, i = 8 mm
H  e = 10 mm, i = 9 mm

Memmingen, with pin

I  e = 3,3 mm, i = 2,5 mm
J  e = 3,8 mm, i = 3,0 mm
K  e = 4,3 mm, i = 3,5 mm
L  e = 4,8 mm, i = 4,0 mm

Memmingen, without pin

M  e = 3,3 mm, i = 2,5 mm
N  e = 3,8 mm, i = 3,0 mm
O  e = 4,3 mm, i = 3,5 mm
P  e = 4,8 mm, i = 4,0 mm

Rack for trephine drills

Q  for 10 trephine drills

Suitable also for 10 hand piece / contra-angle burs up to a length of 35 mm.

Please find further racks on page 73!
Trephine mill system

**Trephine mills**
- A: e = 3,2 mm, i = 2,2 mm
- B: e = 4,2 mm, i = 3,2 mm
- C: e = 5,2 mm, i = 4,2 mm
- D: e = 6,2 mm, i = 5,2 mm

**Application syringes**
- E: e = 3,2 mm
- F: e = 4,2 mm
- G: e = 5,2 mm
- H: e = 6,2 mm

**Trephine mill system**
- I: A + E
- J: B + F
- K: C + G
- L: D + H

**Trephine mill set no. 1**
- M: 22352.00

**Trephine mill set no. 2**
- N: 22353.00

Extraction: After preparation of the extraction area, the trephine mill is positioned on the bone with irrigation. The bone is extracted at 500rpm (rotations per minute) and milled at the same time.

Re-Implantation: The milled bone remains in the drill cylinder. Mount the drill cylinder, which is filled with bone material, on the application syringe and turn it until the bayonet lock snaps. Apply the bone material with the application syringe at the designated position.

Please find more information in our folder! Please ask us for it!
Bone ring holding forceps

A  Bone ring holding forceps Palti

The bone ring forceps allows for an optimal stabilization and precision treatment of the bone block. This results in an enormous work load relief for the dentist. It also serves to minimize risk (block movement or fracture). Because of the very fine threads an optimal adjustment of the setting is possible. The stabile fixation also allows for the insertion of the osteosynthesis screw before implanting the bone block into the jaw.

Bone ring holding forceps

B  12,5 cm, straight
C  12,5 cm, left
D  12,5 cm, right

Bone ring holding forceps Barth, 15 cm

E  Bone ring holding forceps Barth, 15 cm

Bone ring holding forceps

B  3256.00
   12,5 cm, straight
C  3256.08
   12,5 cm, left
D  3256.10
   12,5 cm, right

Bone ring holding forceps

E  14642.00
Bone grinders

A  Bone mill

The bone mill can be dismantled for sterilization of the individual parts.

Large feed opening for bone pieces

Removable vessel for collecting and convenient handling of the milled bone material (e.g. enrichment with blood or bone grafting material). Can be ordered individually.

Heavy, base for a stability.

incl. tool for unhinging the milling rolls out of the handle.
incl. applicator for bone material B

Two exchangeable easy-to-turn milling rolls are available producing either a fine or medium grind. These milling rolls are made from special hardened steel and can be either reground or ordered individually.

B  Applicator for bone material

Ø 8 mm

stoma hy-grip

C  Bone crusher

The harvested bone is put into the crusher and the pestle is used to crush it. Where necessary, you may crush the bone using an additional hammer stroke.

Please find the suitable mallet for the bone crusher on page 79!
Applicators / pluggers for bone grafting material

*stoma* hy-grip*

**A** Bone applicator with pusher and compactor, Khoury
Ø 5 mm

**B** Bone applicator / packer Steigmann
Ø 6 mm

**C** Bone applicator LP1
Ø 5,5 mm

**D** Bone applicator Palti
6 mm

**E** Bone applicator Testori
Ø 5 mm

For the safe transfer of bone grafting material in case of small defects (narrow working end) and for sinus floor elevation (wide working end).

**Bowls**

**F** Bowl, 25 cm³

**G** Bowl, 140 cm³
Applicators / pluggers for bone grafting material

**Granulate plugger, Memmingen**

A 13312.00 Ø 4,5/3,5 mm

**Granulate plugger**

B 13312.30 Ø 4/3 mm

**Granulate plugger**

C 14614.00 Ø 2,5/1 mm

**Universal instrument, Biehler**

D 14616.00

**Membrane lift / granulate plugger, Biehler**

E 14618.00

**Membrane lift / granulate plugger, Khoury**

F 14671.00

**Membrane positioning instrument, Buser**

G 13307.00
stoma ossecure
Secure bone fixation.

www.stoma.de
Prof. Dr. F. Khoury  
**micro-screw technique**

Prof. Dr. Fouad Khoury, together with stoma® initiated the development of a 1,0 mm „micro screw“ produced from a special steel alloy.

This new micro-screw, which facilitates the stabilization of cortical bone graft transplants, offers new possibilities to those who are working and specializing in the area of bone management.

Microscrew may be applied in the following augmentation techniques:
- Lateral bone augmentation
- Horizontal bone augmentation
- 3D bone augmentation via tunnel technique

Micro-screw is especially beneficial in cases where small and thin cortical bone graft transplants, called “bone chip transplants” are indicated. In addition, micro-screw shows its efficiency in a very narrow spaces, e.g. single tooth defects, where space restraints make the use of traditional bone fixation screws impossible.

Micro-screw…
- offers stability with reduced Ø of 1,0 mm and 1,2 mm
- offers screw length of 4 up to 16 mm
- offers easy and safe handling
- offers a safe fixation by means of its thread structure even for very fine bone graft transplants

The following pictures show application examples and their very reliable results after approximately 4 months post-surgery. Good bone regeneration as well as a healthy soft-tissue situation above the screwed transplant are apparent.
Prof. Dr. F. Khoury
micro-screw set

A micro-screw set basic

Content of the set:
- p.i.c.-tray with 4 blocks for screws, drills and screwdriver
- micro-screws Ø 1,0 mm, length 6, 8 and 10 mm (package of 3)
- micro-screws Ø 1,2 mm, length 6, 8 and 10 mm (package of 3)
- Drills Ø 0,8 mm and 1,0 mm
- Screwdriver basic

B micro-screw set complete

Content of the set:
- micro-screw set basic
  + screwdriver with claw
  + screwdriver tip for contra-angle piece

Please find further sets of Prof. Dr. F. Khoury on page 28, 35 und 69!

C Screwdriver basic, for micro-screw

D Screwdriver tip for contra-angle piece, for micro-screw

E Screwdriver with claw, for micro-screw

The specially developed screwdriver contains a claw that holds the micro-screw and ensures a safe and secure placement and fixation.

<table>
<thead>
<tr>
<th>micro-screw (package of 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>length</td>
</tr>
<tr>
<td>4 mm</td>
</tr>
<tr>
<td>6 mm</td>
</tr>
<tr>
<td>8 mm</td>
</tr>
<tr>
<td>10 mm</td>
</tr>
<tr>
<td>12 mm</td>
</tr>
<tr>
<td>14 mm</td>
</tr>
<tr>
<td>16 mm</td>
</tr>
</tbody>
</table>

Please find suitable drills on page 90!

Please find more information in our folder!

micro-screw set basic
A 23034.00

micro-screw set complete
B 23033.00

Screwdriver basic
C 23049.50

Screwdriver tip for contra-angle piece
D 23049.30

Screwdriver with claw
E 23049.00

micro-screw
Ø 1,0 mm
F 23060.04 4 mm
G 23060.06 6 mm
H 23060.08 8 mm
I 23060.10 10 mm
J 23060.12 12 mm
K 23060.14 14 mm
L 23060.16 16 mm

Ø 1,2 mm
M 23061.04 4 mm
N 23061.06 6 mm
O 23061.08 8 mm
P 23061.10 10 mm
Q 23061.12 12 mm
R 23061.14 14 mm
S 23061.16 16 mm

Please ask us for it!
Osteosynthesis

Screw set
A 23030.00
Ø1,3 / 1,6 mm

Content of the set:
• p.i.c.-tray
• 2 blocks for screws
• 4 packages screws Ø 1,3 mm
  (package of 3, make your own choice)
• 2 packages screws Ø 1,6 mm
  (package of 3, make your own choice)
• 1 block for drill and screwdriver tip
  for contra-angle piece
• 2 drills (Ø 1,0 mm and Ø 1,3 mm)
• 1 screwdriver, self-retaining

Individual assembly: You can arrange your own osteosynthesis set by yourself. You can choose the length of the screws individually.

Simple measuring on the scale of the screw block

Clear arrangement and fast identification of the screws.

Drills
C 23072.08
0,8 mm x 16 mm

D 23070.10
1,0 mm x 15 mm

E 23070.13
1,3 mm x 15 mm

F 23070.16
1,6 mm x 12 mm

G 23070.20
2,0 mm x 15 mm

We would be pleased to advise you and show you the products of this set.
Titanium screws

Titanium screws (package of 3)

<table>
<thead>
<tr>
<th>Ø 1,3 mm</th>
<th>Ø 1,6 mm</th>
<th>Ø 2,0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>yellow</td>
<td>red</td>
<td>blue</td>
</tr>
<tr>
<td>length</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 mm</td>
<td>A</td>
<td>-</td>
</tr>
<tr>
<td>6 mm</td>
<td>B</td>
<td>G</td>
</tr>
<tr>
<td>8 mm</td>
<td>C</td>
<td>H</td>
</tr>
<tr>
<td>10 mm</td>
<td>D</td>
<td>I</td>
</tr>
<tr>
<td>12 mm</td>
<td>E</td>
<td>J</td>
</tr>
<tr>
<td>14 mm</td>
<td>F</td>
<td>K</td>
</tr>
<tr>
<td>16 mm</td>
<td>-</td>
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Screwdriver

S Screwdriver, self-retaining, for cross-slot screws

Easy screw pick-up with the self-retaining screwdriver tip

T Tip for contra-angle piece, for cross-slot screws

Titanium screws

Ø 1,3 mm, yellow
A 23053.04 4 mm
B 23053.06 6 mm
C 23053.08 8 mm
D 23053.10 10 mm
E 23053.12 12 mm
F 23053.14 14 mm

Ø 1,6 mm, red
G 23051.06 6 mm
H 23051.08 8 mm
I 23051.10 10 mm
J 23051.12 12 mm
K 23051.14 14 mm
L 23051.16 16 mm

Ø 2,0 mm, blue
M 23052.08 8 mm
N 23052.10 10 mm
O 23052.12 12 mm
P 23052.14 14 mm
Q 23052.16 16 mm
R 23052.18 18 mm

Screwdriver

S 23050.00

Tip for contra-angle piece

T 23040.00
Prothetics

www.stoma.de
Impression trays

Edged impression trays
- retention bordering enables very good hold of the alginate
- improved closing edge design
- cheek bands do not press through
- better vestibule shaping
- no adhesive carrier necessary

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Wax knives

Fahnenstock with wooden handle
M 17,5 cm

Fahnenstock, all metal
N 13 cm
O 17,5 cm

Lessmann, grooved blade and wooden handle
P 13 cm
Q 17 cm

Gauze packers

Luniatschek

R 2 mm
S 3 mm
Crown spreading forceps

These pliers allow for careful, precise spreading of the split crown. Upon spreading the split, the crown can be easily removed.

Universal Crown Spreader

Stable stainless steel instrument with double-function end. The split crown can be bent open effortlessly from different sides.

Removing forceps

These forceps are used for removing temporary synthetic inserts in the upper and lower jaw not only in the front area but also in the rear. The hard metal jaws ensure a firm grip, so that the provisional insert can be dislocated easily and gently without causing damage.

Measuring instruments
**Instruments for crown removing**

**A** Crown removing forceps with exchangeable plastic jaws

These forceps are used for removing provisional ceramic and cast crowns in the upper and lower jaw not only in the front area but also, because of their special shape, in the rear area. The plastic jaws avoid damaging the surface of crowns and braces.

The jaws are exchangeable and may be sterilized. The contact powder also supplied is applied to the plastic jaws before using the forceps to prevent slipping.

Included in delivery: forceps with 10 g contact powder and 10 pairs of replacement jaws.

Plastic jaws and contact powder may also be delivered separately.

**B** Spare jaws for 5430.00 and 5451.00, red, 20 pair

**C** Contact powder, 10 g for 5430.00, 5435.00, 5451.00

---

**Inlay forceps**

**D** self-retaining

For positioning and inserting inlays of all types. The newly developed special forceps allow for a secure and non-oily grip. Its sterilizable and exchangeable plastic jaws will not leave any traces or cause damage to the inlay. The inlay forceps are also suitable for gripping three-quarter and single crowns or matrix bands.

---

**Articulating paper pliers**

**E**

These are strong grip holding forceps. They are characterized by a non-slip profile and strong holding capability.
**Prothetics**

**Instruments for crown- / bridge spreading / -removing**

**A** Crown remover with weight, spring and 3 insets (C, D, E)

![Crown remover](image1)

**B** S-U-Crown-Butler, with 2 insets (C, D)

![S-U-Crown-Butler](image2)

**Insets for crown removers** 5304.00, 5315.00 or similar instruments with M4 thread.

**C** fig. 1

**D** fig. 2

**E** fig. 3

**F** Forceps for crown remover

![Forceps for crown remover](image3)

These forceps enable pressure to be exerted on two contact points. This distributes force more evenly and avoids chipping-off ceramic workpieces; also suitable for bridge abutments.
Instruments for crown- / bridge removing

A  Crown removing forceps

B  Copper ring removing forceps, Furrer, straight, 16 cm

C  Copper ring removing forceps, Böttcher, curved, 16 cm

D  Telescope crown forceps, curved
   with 2 exchangeable, diamond-coated insets

E  Diamond plated insets for telescope crown forceps D, 2 pieces

Crown removing forceps
A  6092.00

Copper ring removing forceps
B  6080.00

Copper ring removing forceps
C  6081.00

Telescope crown forceps
D  6088.24

Diamond plated insets
E  6088.54
Make use of the benefits of the stoma p.i.c.®-trays

- **Protection**: secure hold of the instruments in the trays, thus no risk of injury for personnel and sterile storage in accordance with the current hygiene guidelines
- **Documentation**: Traceability for treatment processes, for example log cards for the customs file
- **Saving of time**: Efficient instrument preparation; no annoying repacking of the instruments before or after the thermal disinfection
- **Saving of costs**: Working hours can be used more efficiently
- **Modular structure**: perfectly matched and expandable organization and processing system, that can be individually designed to suit your needs
- **Clearly arranged**: the appropriate instruments are organized for each treatment
- **Construction / Design**: offers effective and protective cleaning of the tray contents

Handle incorporated in the lid cover:
- safe and simple carrying
- simple insertion and withdrawal from a p.i.c.®-container
- stacking of trays and thus space-saving storage

Accessories such as studs and spacers:
- flexible design for holding a variety of accessories
- secure protected storage of instruments with a special synthetic material
- double layer instrument storage by a special spacer form

Silicon double-lipped clamp:
- Special silicon piece for a useful protective fixing of the instruments
- prevents the surging of the instruments in the tray

Since the introduction of the stoma p.i.c.®-concept in 1997, this well-proven feature has been tested, extended and onward developed.
p.i.c.-trays with cover

A 6554.00
for 7 instruments

B 6571.11
for 11 instruments

C 6553.00
for 7 instruments

D 6551.00
for 14 instruments

E 6551.10
for 14 instruments

---

**stoma** p.i.c.-trays with cover

A Tray with 2 racks for 7 instruments and cover.
180 x 86 x 34 mm

B Tray with 2 racks for 11 instruments and cover.
180 x 132 x 34 mm

C Tray with 2 racks for 7 instruments, with cover, 1 rack for tweezers and 2 holding bolts.
271 x 86 x 34 mm

D Tray with 2 racks for 14 instruments, with cover, 1 rack for tweezers and 2 holding bolts.
271 x 175 x 34 mm

E Tray with 2 racks for 14 instruments, with cover, 1 rack for tweezers and 2 holding bolts.
271 x 175 x 28 mm

---
**stoma** p.i.c.®-trays with clamp clip

A  Tray with 2 racks for 7 instruments with clamp clip. 180 x 86 x 30 mm

B  Tray with 2 racks for 11 instruments with clamp clip. 180 x 129 x 30 mm

C  Tray with 2 racks for 23 instruments with clamp clip. 271 x 178 x 33 mm

---

**Accessories p.i.c.®-trays**

D  Rack for one forceps

E  Rack for two forceps

F  Rack for 5 trephine drills

G  Angle for drill rack

H  Bolts big

I  Bolts small

We are glad to advise you further accessories of the p.i.c.®-trays!
p.i.c.®-containers

A  6700.04
   310 x 190 x 40 mm
   aluminium

B  6700.06
   310 x 190 x 65 mm
   aluminium

C  6700.10
   310 x 190 x 100 mm
   aluminium

D  6700.13
   310 x 190 x 130 mm
   aluminium
Assembly options p.i.c.®-containers

p.i.c.®-container for 3 layers. Assembly option for augmentation consisting of:

19601.30  Basis surgery kit
19601.22  Module IMP 2
23080.16  Osteosynthesis starter kit
6939.08   Metal bowl, 80 x 40 mm
3314.25   Ferrozell mallet, 250 g
4034.02   Lip retractor

The measurements of our trays and containers are completely adapted to each other. Please find here an overview of different possibilities to fill the containers (top view). Depending on the level of the container 1 (6700.06), 2 (6700.10) or 3 (6700.13) trays can put on top of each other.

Tray and container assemblies are also possible for other specialisms, e.g:
- Conserving treatment
- Endodontics
- Periodontology
- Surgery
- Implantology
- ...

Please find completely loaded trays, composed in cooperation with known users, on pages 21, 25, 28, 29, 34, 35, 42, 69 and 89.

We have included illustrations of sets throughout the brochure in the grey order column. These are intended as useful suggestions.

We would be pleased to cooperate with you in putting together individual set contents, and to advise you on efficient instrumental organization, tailor-made for your practice or clinic.
Organization

Accessories for p.i.c.®-containers

Paper labels
- A 6625.00

Safety sealing
- B 6709.00

Identification labels
- Article numbers on request!
- C without text
- D with text

Permanent teflon filters
- E 6708.00

Single-use paper filters
- F 6707.00

Clear-view sterile packaging
- G 6453.05 50 mm x 200 m
- H 6453.07 75 mm x 200 m
- I 6454.10 100 mm x 200 m
- J 6453.15 150 mm x 200 m
- K 6454.20 200 mm x 50 mm x 100 m
- L 6454.25 250 mm x 65 mm x 100 m

Identification labels available in the following colours:
- C without text
- D with text

Clear-view sterile packaging
film roll, flat, with sterilization indicator.
To shrink-wrap single instruments or complete, loaded trays.
- G 50 mm x 200 m
- H 75 mm x 200 m
- I 100 mm x 200 m
- J 150 mm x 200 m
- K 200 mm x 50 mm x 100 m (with fold)
- L 250 mm x 65 mm x 100 m (with fold)
Order form

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☐ Please send me your recent catalogue on CD-ROM.

This catalogue presents only a part of our product range!
Our general trading conditions apply. Technical changes reserved.

For more information about your local dealer please see back side of this brochure or: www.stoma.de
Order form

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GENERAL TERMS AND CONDITIONS

§ 1 Validity of the terms and conditions
1. Our deliveries, work and quotations are made exclusively on the basis of these terms and conditions for entrepreneurs, legal entities under public law and investment funds. These consequently also apply for all future business relationships, even if they are not specifically agreed upon each time. These terms and conditions shall be deemed accepted at the latest with the acceptance of products or performance. An acknowledgement of the purchaser making reference to his own terms and conditions or terms of purchase will not be accepted by the seller.

2. Changes of these terms and conditions are only valid if we accept them in writing.

3. Written form is required for all legal declarations. The simple electronic form (§ 127 III BGB) does not replace the written confirmation. Necessary is the qualified written procedure (§ 126 a BGB).

§ 2 Quotations and contracts
1. Our quotations are subject to confirmation and are not binding. Acknowledgements and all orders only become valid and binding after having been confirmed by us in writing or email, mail or fax. The same is true in case of additions, alterations or supplemental agreements.

2. Drawings, photos, dimensions, weights or other data are only binding if this has been agreed upon in writing.

3. Should the products delivered by the seller be specified for further distribution, then the purchaser/reseller is obligated to ensure that he and the additional buyers create sufficient records on the destination of the products and keep them for the entire life span of the products.

§ 3 Prices
Our prices of quotations and price lists are quoted in EURO ex works Emmingen-Liptingen, without packing material, VAT and freight. Prices are invoiced as of the day of shipment. If applicable, VAT will be added to the prices in the respective legal amount.

§ 4 Delivery and time of performance
1. The dates and deadlines named by us are not binding, unless something else has been stipulated in writing.

2. Partial deliveries are permissible if they are reasonable for the purchaser.

3. In case the seller cannot fulfill the delivery time due to acts of God, labor dispute or other unforeseen circumstances outside of our sphere of influence, the delivery time shall be reasonably extended. This is also valid if the circumstances arise with sub-suppliers. Nor are we liable for the preceding circumstances, if they arise during an already existing delay.

4. The purchaser can withdraw from the contract without setting a grace period, if the complete performance ultimately becomes impossible before the transfer of the risk. Furthermore, the purchaser can withdraw from the contract if in the order, the execution of a portion of the delivery becomes impossible and if he has a justified interest in the rejection of the partial delivery. If this is not the case, then the purchaser must pay the contract price due for the partial delivery. The same applies to our incapacity. In addition, the following regulation applies to the scope of liability pursuant to §11.

5. In so far as we are responsible for non-compliance with binding deadlines and dates agreed upon or if we find ourselves in delay, the purchaser has a claim to delay compensation to the amount of 1% for each completed week of delay, however, a total of no more than up to 10% of the value of the deliveries and services affected by the delay. Any additional claims are excluded, unless our delay is based at least on gross negligence.

§ 5 Special designs
The calculation of the prices for special designs is based on our quotation, otherwise in addition to the additional expenditure. Specially finished articles can not be returned. The revocation of orders involving special designs is only possible with our express written agreement. We are not obligated to inspect samples, drawings or other documents of existing trademark rights relinquished for the special design. The responsibility therefor rests solely with the purchaser.

If we incur disadvantages on account of the purchaser infringing upon the trademark rights of third parties in special designs pursuant to his order, we can demand payment of the damage accruing to us from the purchaser or - if we decide so - we can demand indemnification from the third party. Demand payment of the damage accruing to us from the purchaser or - if we decide so - we can demand indemnification from the third party.

§ 6 Dispatch / transfer of the risk
All risks transfer to the purchaser as soon as the shipment has been handed over to the person carrying out the actual transportation or as soon as the shipment has left our warehouse. This also applies to partial deliveries. In case shipping is delayed or becomes impossible without our fault, the risk and liability transfers to the purchaser with the notification of readiness for dispatch. We are authorized to insure the shipment at the purchaser’s cost against breakage, transportation and fire damage, as long as the purchaser does not expressly decline this insurance.

§ 7 Warranty
For material and legal defects of the shipment, we guarantee to the exclusion of additional claims – subject to § 11 – as follows:

Material defects
1. At the transfer of the risk, defective parts must be repaired or new parts delivered without compensation, at our option. Every defect must be immediately reported to us in writing, the defective part must be sent to us free of freight and postage. Replaced parts become our property.

2. We must be provided the necessary time and opportunity to undertake all necessary repairs and replacement deliveries, otherwise we are released from liability for consequences arising therefrom. Only in urgent cases of the endangering the operational safety and for the defense of disproportionately major damages is the purchaser authorized to repair the defect himself or through third parties and to demand compensation of the expenditures. In this case we must first be given the opportunity for repair or the delivery of replacement parts.

3. We will bear the costs of replacement parts including shipping free border of the costs directly arising from the repair or the delivery of replacement parts – to the extent that the complaint is found to be justified. All remaining costs shall be borne by the purchaser.

4. The purchaser is authorized to withdraw from the contract within the framework of the legal regulations. If only minor defects are present, the buyer has only the right to reduce the contract price. Otherwise, the right to reduction is excluded.

5. In particular, no warranty will be assumed in the following cases: Use which is unsuitable, improper or not in accordance with the contract, incorrect assembly or operation by the purchaser or third parties, natural wear, incorrect or negligent handling, improper maintenance, unsuitable equipment, changes undertaken to the delivered object without our prior consent, chemical, electrochemical or electrical influences, to the extent that we are not responsible for them.

6. We are not liable for consequences arising from improper delivery or replacement delivery by the purchaser or a third party.

7. Parts or material delivered by the purchaser for processing or as supply for the execution of an order will not be inspected by us for obvious defects.

8. Only the direct purchaser is entitled to warranty claims and they are not assignable. Warranty claims for used goods are excluded.

Legal defects
9. If the use of the delivered object infringes on commercial or trademark rights, we will procure the right to continued use for the purchaser at our own costs or will modify the delivery object for the purchaser in a reasonable manner so that the infringement of property rights no longer exists.

10. If this is not possible under reasonably economic conditions or within a reasonable period of time, we, as well as the purchaser, are both authorized to withdraw from the contract.

11. In addition, we will indemnify the purchaser from uncontested or legally established claims of the owner of the trademark right.
12. The obligations named in clauses 7.9 to 7.11 are – subject to § 11 – definitive for the case of the infringement of trademark and copyrights and only exist, if
• the purchaser immediately informs us of asserted trademark or copy-right infringements,
• the purchaser supports us in a reasonable amount in the defense of asserted claims or makes the execution of modification measures pursuant to clause 7.9 possible for us,
• all defensive measures, including extra-judicial provisions, remain reserved to us,
• the legal defect is not based on a directive of the purchaser and
• the infringement was not caused by the fact that the purchaser himself modified the delivered object or has used it in a manner not in accordance with the contract.

§ 8 Retention of title
1. We reserve the ownership to the delivered objects until complete payment of the purchase price has been made and until all additional requirements from the existing business relationship with the purchaser have been fulfilled.
2. The reserved property may not be pledged, assigned in advance or otherwise encumbered with the rights of third parties. The purchaser is authorized to resell and combine the goods with other movable parts only within the scope of his orderly business operations. The purchaser must take care that our retention of title continues as far as possible and must assign to us the claim for payment of the purchase price. This also applies to the full amount with the respect to his customer if the delivered goods have been processed. We hereby accept such assignment. The purchaser must name the customer upon request.
3. At the request of the purchaser, we shall release security interests, to the extent that the security value exceeds the value of the claims to be secured by more than 10% and that the security interest is divisible.

§ 9 Payment
1. Unless otherwise agreed, our invoices are payable within 8 days after the date of invoice with a 2% cash discount or within 30 days after the date of invoice without discount. Repair invoices are immediately due and payable without discounts.
2. We are authorized to credit payments to earlier debts of the purchaser, despite differently phrased provisions of the purchaser. If costs and interest have already accrued, we are authorized to first credit payments to the costs first, then to the interest and finally to the main payment.
3. A payment shall only be deemed to have been made when we can take possession of the amount. With regard to checks, payment shall only be deemed to have been made when the check is cashed.
4. If the purchaser defaults, we are authorized from this point in time to charge interest in the amount of the interest rate charged by commercial banks for open overdraft credit plus the statutory VAT. However, in any case this will be 8% over and above the respective base interest rate, pursuant to § 288 II BGB (German Civil Code).

§ 10 Advance payment and provision of security
If the financial circumstances of the purchaser deteriorate substantially after conclusion of the contract or if justified doubt regarding the purchaser's willingness to pay results, we are authorized to require advance payments or the provision of security for our deliveries, at our option.

§ 11 Limitations on liability
1. We shall only be liable if the damage was caused by gross negligence and only in the amount of the value of the defective portion of the contract, unless unlimited liability exists under mandatory legal provisions.
2. If the delivered object can not be used by the purchaser in accordance with the contract either through our fault as a result of omitted or erroneous recommendations or advice or through the infringement of other contractual collateral liabilities – in particular instructions for the operation and maintenance of the delivered object – the provisions of § 7 shall correspondingly apply to the exclusion of additional claims by the purchaser.
3. For damages not occurring directly to the delivered object, we shall be liable – regardless of legal grounds - only
• in case of intent
• in case of gross negligence of the owner, the bodies or managing employees
• in case of culpable injury to life, body and health
• in case of defects, which we fraudulently keep secret or whose absence we have guaranteed
• in case of defects of the delivered object, to the extent that we can be made liable under the product liability law for personal or property damages to privately used objects.
4. For culpable infringement of material contract obligations, we shall also be liable for gross negligence of non-managing employees or slight negligence. In the latter case this will be limited to the reasonably foreseeable damages that are typical under the contract.
5. Further claims are excluded.

§ 12 Statute of limitations
All claims of the purchaser - regardless of legal grounds – expire after 12 months. For intentional or malicious conduct, as well as with claims under the product liability law, the statutory periods shall apply.

§ 13 Return of goods
Goods may be returned/exchanged within 2 weeks after receipt. The condition for this is that the purchaser must return the goods in their original packaging, without labeling or stickers, with an indication of the reason. The goods must be returned to us free of charge. Special designs, revisions, discontinued models as well as items that are not listed in the sales documents of the seller are generally excluded from return.

§ 14 Data storage
The purchaser agrees that his data relevant for the execution of the contract will be stored by us.

§ 15 Export to the USA and Canada
1. We forbid the direct and indirect export of our products to the USA and Canada.
2. The purchaser shall indemnify us from all claims that are raised against us from the US and Canada as a result of the export to these countries, even if we agree to such export.

§ 16 Applicable law / place of jurisdiction / severability
1. All legal relationships between us and the purchaser are exclusively subject to the law of Germany for the legal relationships of domestic parties among each other. However, the application of the uniform UN purchasing convention or other conventions regarding the law of the sale of goods are excluded. If this is not recognized by foreign purchasers, the application of the uniform UN purchasing convention between the parties is agreed to.
2. Even as far as legally permissible, Emmingen-Liptingen is the exclusive place of jurisdiction for all disputes arising directly or indirectly from the contractual relationship.
3. If a provision in these terms and conditions or a provision within the framework of other agreements be ineffective or become so, the validity of all other provisions of agreements will not be affected thereby.

Version 05/01/2006
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We are looking forward to you contacting us via phone, e-mail, fax or through your consultant.