



# IMPLANT TEACHING MODELS



GÖTTINGER  
OP-SIMULATIONSSYSTEME  
WWW.GOS-IMPLANT.COM





**PROFESSIONAL TRAINING AND  
FURTHER EDUCATION** thanks to our  
high-quality anatomical implant models.



**Dr. Thomas Bohne**

Owner and CEO of GOS®  
Specialist in dental implantology/  
oral surgeon



<b>6</b>	<b>8</b>	<b>20</b>	<b>30</b>
<b>Product information</b>	<b>Model series A</b>	<b>Model series B</b>	<b>Model series C</b>

**CONTENT**





# WELCOME

As the first company worldwide GOS® specialized in producing practice material and training models for education and advanced training in implantology.

Thanks to more than 30 years of experience in this highly specialized field of dentistry and a longtime specialized knowledge in implantology, GOS® has become a national and international brand and a market leader for implant training models and material for further education. Today, we count nationally and internationally renowned contributors, universities, specialist societies, and producers of dental implants among our clients.

Our product range includes more than 70 anatomical models of the maxilla and mandible for the simulation of implant insertion, sinus lift models, bone splitting models and several models for the training of the latest augmentation techniques and guided bone regeneration procedures. In June 2017 our company, GOS®, was relocated to its new business premises and production site in Northeim near the university town Göttingen. This relocation and the existence of several cutting edge systems in the field of dosing technology with synthetic material explain the consistent further development of our company taking into consideration the continually growing worldwide demand for high-quality material for further education.

We are looking forward to the future!

Yours faithfully,

Thomas Bohne, DDS



**GÖTTINGER  
OP-SIMULATIONSSYSTEME**  
WWW.GOS-IMPLANT.COM



**We also  
manufacture  
individual models  
for you.**

# MADE IN GERMANY

## **PRODUCT INFORMATION**

We have categorized all our products into the Model series A, B, C and S. On the following pages you can find detailed descriptions of the anatomical design of the various types of our models and their recommended usage. In our carefully selected range of accessories you can find all the supplies you need for the transportation or fastening of our models or for simplifying the involved work processes. If you have any questions, requests or suggestions, do not hesitate to contact us.

With kind regards  
from the GOS® Team





# MODEL SERIES

## A



### ANATOMICAL MODELS

Our Type A Model Range consists of a large selection of maxilla and mandible models that are perfectly designed for the surgical simulation of all procedures in dental implantology and restoration. Furthermore, the models from the A Model Range are ideally suited as demonstration models to inform patients. The models from the A Model Range form together with the Type A Phantom Head (010.100.000-12) a visually pleasing integrated system for the learning processes in implant education and the organization of seminars.

The Implantology Phantom Head can be safely fixed to every worktop via our work surface and the high-quality screw clamp. In comparison to other phantom head systems, the small size and weight of less than 2 kg enable an easier transport to any external events. The jawbone models from the A Model Range can be interchanged with minimal effort and attached to the Type A Phantom Head.

For hands-on courses as part of implant education, all the practice models can be supplied with or without an artificial oral mucosa. Our artificial jawbones are available in several different atrophic states, as severely atrophic jaws, and with various conditions of the alveolar ridge. Additionally choices, we supply edentulous as well as partially edentulous models, with or without extraction sockets, with or without maxillary sinus and Schneiderian membrane.

The bone models from the A Model Range can be supplied as standard maxillas with the bone quality D II to D III and mandibles with the bone quality D II. The manufacturing of different bone qualities and the emphasis of the various bone layers like the cancellous and compact bone is possible on request, at an extra charge.

The standard models are supplied without any means of attachment. Alternatively, we supply our models already attached to the Type A Phantom Head or to our work surface and all common phantom head systems. You can choose which model suits you best.



Visit us at  
[www.gos-implant.com](http://www.gos-implant.com)





**Our anatomical models from the Type A Model Range** are designed for all implantology and augmentation procedures, ideally combined with the Type A Phantom Head. The system offers an innovative, complete anatomical impression coupled with simple and practical handling.

## MODEL SERIES

# A



### SHORT DESCRIPTION

Optically appealing implantology models of maxillae and mandibles in different anatomical situations

### INDICATION

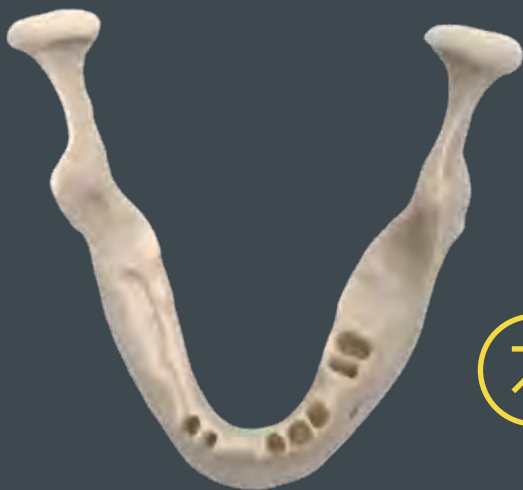
Standard implantations, internal sinus lift, external sinus lift, bone splitting, bone spreading, graft withdrawals

### FIXATION OPTIONS

Type A Phantom Head, holding plate, common phantom head systems, free application

### BONE QUALITY

Maxilla D II-D III  
Mandibula D II





## MODEL SERIES A

### MANDIBULA A1 BONE

010.011.002-7

- Bone quality D II
- Slightly atrophic edentulous mandible
- Very good crestal and vertical bone supply

#### Indication

Standard implantations, graft withdrawals

#### Model variants

1. Standard (010.011.002-7): Without means of attachment
2. For Type A Phantom Head (010.011.002-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. With holding plate for mandibles (010.011.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



### MANDIBULA A2 BONE

010.012.002-7

- Bone quality D II
- Edentulous mandible with slightly advanced atrophy
- Good crestal and vertical bone supply in the interforaminal region

#### Indication

Standard implantations with slightly increased level of difficulty, graft withdrawals

#### Model variants

1. Standard (010.012.002-7): Without means of attachment
2. For Type A Phantom Head (010.012.002-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. With holding plate for mandibles (010.012.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



**Precise  
model making –  
true to nature and  
true to detail.**

### MANDIBULA A3 BONE

010.013.002-7

- Bone quality D II
- Severely atrophic, edentulous mandible with various extraction sockets and vertical cavities

#### Indication

Difficult implantations with augmentation techniques, graft withdrawals

#### Model variants

1. Standard (010.013.002-7): Without means of attachment
2. For Type A Phantom Head (010.013.002-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. With holding plate for mandibles (010.013.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems

### MANDIBULA A4 BONE

010.014.002-7

- Bone quality D II
- Partially edentulous mandible with long-span edentulous space (teeth 032 to 041), single tooth gap (tooth 035), free-end edentulous space (teeth 045 to 047)

#### Indication

Implantations considering the characteristics of a partially edentulous lower jaw, graft withdrawals

#### Model variants

1. Standard (010.014.002-7): Without means of attachment
2. For Type A Phantom Head (010.014.002-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. With holding plate for mandibles (010.014.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems





## MODEL SERIES A



### MANDIBULA A1 MUCOSA

010.011.112-7

- Bone quality D II
- Edentulous mandible with slightly atrophy
- Very good crestal and vertical bone supply
- Artificial oral mucosa

#### Indication

Standard implantations, graft withdrawals

#### Model variants

1. Standard (010.012.112-7): Without means of attachment
2. For Type A Phantom Head (010.012.112-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. With holding plate for mandibles (010.012.112-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



### MANDIBULA A2 MUCOSA

010.012.112-7

- Bone quality D II
- Edentulous mandible with slightly advanced atrophy
- Good vertical and crestal bone supply in the interforaminal region
- Artificial oral mucosa

#### Indication

Standard implantations with slightly increased level of difficulty, graft withdrawals

#### Model variants

1. Standard (010.011.112-7): Without means of attachment
2. For Type A Phantom Head (010.011.112-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. With holding plate for mandibles (010.011.112-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



Also  
suitable for  
augmentation  
procedures.



### MANDIBULA A3 MUCOSA

010.013.112-7

- Bone quality D II
- Severely atrophic, edentulous mandible with various extraction sockets and vertical cavities
- Artificial oral mucosa

#### Indication

Difficult implantations with augmentation techniques, graft withdrawals

#### Model variants

1. Standard (010.013.112-7): Without means of attachment
2. For Type A Phantom Head (010.013.112-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. With holding plate for mandibles (010.013.112-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



### MANDIBULA A4 MUCOSA

010.014.112-7

- Bone quality D II
- Partially edentulous mandible with long-span edentulous space (teeth 032 to 041), single tooth gap (tooth 035), free-end edentulous space (teeth 045 to 047)
- Artificial oral mucosa

#### Indication

Implantations considering the characteristics of a partially edentulous lower jaw, graft withdrawals

#### Model variants

1. Standard (010.014.112-7): Without means of attachment
2. For Type A Phantom Head (010.014.112-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. With holding plate for mandibles (010.014.112-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems





## MODEL SERIES A

### MAXILLA A1 BONE

010.021.012-7

- Bone quality D II to D III
- Slightly atrophic edentulous maxilla, no maxillary sinus formation
- Very good crestal and vertical bone supply

#### Indication

Standard implantations, graft withdrawals

#### Model variants

1. Standard (010.021.012-7): Without means of attachment
2. For Type A Phantom Head (010.021.012-8) Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. Threaded insert M6 (010.021.012-10): Threaded insert M6 attached. Possible attachment to work surface (100.00.001) and all common phantom head systems



### MAXILLA A2 BONE

010.022.012-7

- Bone quality D II to D III
- Slightly atrophic edentulous maxilla
- Maxillary sinus and Schneiderian membrane
- Good vertical and slightly limited crestal bone supply (teeth 013 to 023)
- Limited vertical bone supply between 6 mm and 11 mm in area of posterior teeth

#### Indication

Standard implantations with slightly increased level of difficulty, internal and external sinus lifts, graft withdrawals

#### Model variants

1. Standard (010.022.012-7): Without means of attachment
2. For Type A Phantom Head (010.022.012-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. Threaded insert M6 (010.022.012-10): Threaded insert M6 attached. Possible attachment to work surface (100.00.001) and all common phantom head systems

**MAXILLA A3 BONE**

010.023.012-7

- Bone quality D II to D III
- Severely atrophic, edentulous maxilla
- Various extraction sockets
- Maxillary sinus and Schneiderian membrane
- Limited vertical bone supply, partly below 4 mm, in area of posterior teeth
- Irregular crestal alveolar ridge

**Indication**

Difficult implantations with augmentation techniques for the lateral and vertical alveolar ridge, internal and difficult external sinus lifts, graft withdrawals

**Model variants**

1. Standard (010.023.012-7): Without means of attachment
2. For Type A Phantom Head (010.023.012-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. Threaded insert M6 (010.023.012-10): Threaded insert M6 attached. Possible attachment to work surface (100.00.001) and all common phantom head systems

**MAXILLA A4 BONE**

010.024.012-7

- Bone quality D II to D III
- Partially edentulous maxilla with advanced atrophy, long-span edentulous space (teeth 021 to 022), single tooth gap (tooth 025), free-end edentulous space (teeth 014 to 017)
- Maxillary sinus and Schneiderian membrane
- Limited vertical bone supply between 6 mm and 9 mm in area of posterior teeth

**Indication**

Implantations considering the characteristics of a partially edentulous upper jaw, standard implantations with slightly increased level of difficulty, internal and external sinus lifts, graft withdrawals

**Model variants**

1. Standard (010.024.012-7): Without means of attachment
2. For Type A Phantom Head (010.024.012-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. Threaded insert M6 (010.024.012-10): Threaded insert M6 attached. Possible attachment to work surface (100.00.001) and all common phantom head systems





## MODEL SERIES A



### MAXILLA A1 MUCOSA

010.021.112-7

- Bone quality D II to D III
- Slightly atrophic edentulous maxilla
- No maxillary sinus formation
- Very good crestal and vertical bone supply
- Artificial oral mucosa

#### Indication

Standard implantations, graft withdrawals

#### Model variants

1. Standard (010.021.112-7): Without means of attachment
2. For Type A Phantom Head (010.021.112-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. Threaded insert M6 (010.021.112-10): Threaded insert M6 attached. Possible attachment to work surface (100.00.001) and all common phantom head systems



### MAXILLA A2 MUCOSA

010.022.112-7

- Bone quality D II to D III
- Slightly atrophic edentulous maxilla
- Maxillary sinus and Schneiderian membrane
- Good crestal and slightly limited vertical bone supply (teeth 013 to 023)
- Limited vertical bone supply between 6 mm and 11 mm in area of posterior teeth
- Artificial oral mucosa

#### Indication

Standard implantations with slightly increased level of difficulty, internal and external sinus lifts, graft withdrawals

#### Model variants

1. Standard (010.022.112-7): Without means of attachment
2. For Type A Phantom Head (010.022.112-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. Threaded insert M6 (010.022.112-10): Threaded insert M6 attached. Possible attachment to work surface (100.00.001) and all common phantom head systems



From the  
implantation  
to sinus lift  
procedures.



### MAXILLA A3 MUCOSA

010.023.112-7

- Bone quality D II to D III
- Severely atrophic, edentulous maxilla
- Various extraction sockets
- Maxillary sinus and Schneiderian membrane
- Limited vertical bone supply, partly below 4 mm, in area of posterior teeth Irregular crestal alveolar ridge
- Artificial oral mucosa

#### Indication

Difficult implantations with augmentation techniques for lateral and vertical alveolar ridge augmentation, internal and external sinus lifts, graft withdrawals

#### Model variants

1. Standard (010.022.112-7): Without means of attachment
2. For Type A Phantom Head (010.022.112-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. Threaded insert M6 (010.022.112-10): Threaded insert M6 attached. Possible attachment to work surface (100.00.001) and all common phantom head systems



### MAXILLA A4 MUCOSA

010.024.112-7

- Bone quality D II to D III
- Partially edentulous maxilla with severe atrophy, long-span edentulous space (teeth 021 to 022), single tooth gap (tooth 025), free-end edentulous space (teeth 014 to 017)
- Maxillary sinus and Schneiderian membrane
- Limited vertical bone supply between 6 mm and 9 mm in area of posterior teeth
- Artificial oral mucosa

#### Indication

Implantations considering the characteristics of a partially edentulous upper jaw, with slightly increased level of difficulty, internal and external sinus lifts, graft withdrawals

#### Model variants

1. Standard (010.023.112-7): Without means of attachment
2. For Type A Phantom Head (010.023.112-8): Arrangement for attaching to Type A Phantom Head (010.100.000-12)
3. Threaded insert M6 (010.023.112-10): Threaded insert M6 attached. Possible attachment to work surface (100.00.001) and all common phantom head systems





MODEL SERIES  
**A**





### TYPE A PHANTOM HEAD

010.100.000-12

- Realistic representation of the anatomy of the human skull with exchangeable maxilla and mandible
- Anatomical skull model for attaching the Type A Model Range
- System is attachable to every work surface

#### Included in delivery

- Implantology Type A Phantom Head (010.100.000)
- Hexagon screwdriver 5 mm (100.000.005)
- Screwdriver hexalobular (100.000.006)
- Screw clamp (100.000.007)

#### The phantom skull is available in two versions

1. Standard (010.100.000-11): Maxilla A4 bone (010.024.012) and Mandibula A4 bone (010.014.002) are included.
2. Without models (010.100.000-12): Delivery without any models



# MODEL SERIES

## B



### BASIC MODELS

Our Type B Model Range displays the essential anatomical structures with its variety of artificial maxillas and mandibles. The models for further training in this particular Model Range are particularly suitable for the simulation of standard implantation and augmentation procedures, or the demonstration of instruments. All models can be supplied with the bone quality D II. This Model Range also includes two maxillas as bone splitting or sinus lift models. Both maxillas from the B Model Range are provided with severe alveolar ridge atrophy and a sharp jaw ridge. The Schneiderian membrane allows a realistic simulation of a sinus lift.

The mandibles from our B Model Range are available in different states of atrophy. Depending on your requirements, they can also be equipped with remaining and extraction sockets or with an artificial oral mucosa.

For the models from the B Model Range, you can choose from several means of attachment included in our product range. The standard mandible models without an artificial oral mucosa are supplied without any means of attachment. Alternatively, we supply our models already prepared for attachment to our work surface (100.000.001) and all common phantom head systems. For this purpose, we attach them to our holding plate for mandibles (100.000.002) from our range of accessories.



The entire range of mandibles from the B Model Range with an artificial oral mucosa is supplied and already prepared for the attachment to our work surface (100.000.001) and all common phantom head systems. All the standard maxilla models are equipped for this purpose with a threaded insert M6.

Visit us at  
[www.gos-implant.com](http://www.gos-implant.com)





**Our Type B Model Range** is a very compact series of models that focuses on the basic anatomy of the human jawbone. The indications range from implant insertion to augmentation techniques, bone splitting, sinus lifts and nerve transposition.



## MODEL SERIES

### B

#### SHORT DESCRIPTION

Extensive and compact range of diverse maxilla and mandible models

#### INDICATION

Standard implantations, internal sinus lift, external sinus lift, bone splitting, bone spreading, graft withdrawals, nerve transposition

#### FIXATION OPTIONS

Holding plate, common phantom head systems, free application

#### BONE QUALITY

Maxilla D II-D III  
Mandibula D II



## MODEL SERIES **B**



### **MAXILLA B1 MUCOSA**

020.021.112

- Bone quality D II to D III
- Medium to severe vertical alveolar ridge atrophy in area of posterior teeth
- Sharp jaw ridge in area of anterior teeth
- Schneiderian membrane
- Threaded insert M6 on model base attachable to work surface (100.000.001) and all common phantom head systems
- Osseous structures radiographically displayable

#### **Indication**

Implantations, internal sinus lift, external sinus lift, bone splitting, bone spreading, graft withdrawals

#### **Recommended accessories**

- OPG
- Surgical templates
- Saw models



### **MAXILLA B1 BONE**

020.021.012

- Bone quality D II to D III
- Medium to severe vertical alveolar ridge atrophy in area of posterior teeth
- Sharp jaw ridge in area of anterior teeth
- Schneiderian membrane
- Threaded insert M6 on model base attachable to work surface (100.000.001) and all common phantom head systems

#### **Indication**

Implantations, internal sinus lift, external sinus lift, bone splitting, bone spreading, graft withdrawals

For maximum  
precision and  
attention to  
detail.



### MANDIBULA B1 ANATOMY

020.111.112

- Bone quality D II
- Slight vertical alveolar ridge atrophy
- Mental nerve and inferior alveolar nerve
- Artificial oral mucosa for simulating incision, flap preparation, and suture technique
- Holding plate for mandibles of Type B Model Range (100.000.002) attached, i.e. better handling thanks to possible attachment to work surface (100.000.001) and all common phantom head systems
- Body of mandible, mandibular canal and mental foramen radiographically displayable

#### Indication

Standard implantations, nerve transposition

#### Recommended accessories

- OPG
- Surgical templates
- Saw models





## MODEL SERIES **B**



### **MANDIBULA B1 BONE**

020.011.002-7

- Bone quality D II
- Slight vertical alveolar ridge atrophy, sufficient crestal bone supply

#### **Indication**

Standard implantations

#### **Model variants**

1. Standard (020.011.002-7): Without means of attachment
2. With holding plate for mandibles (020.011.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



### **MANDIBULA B2 BONE**

020.012.002-7

- Bone quality D II
- Slight vertical and crestal alveolar ridge atrophy, sufficient crestal bone supply

#### **Indication**

Standard implantations

#### **Model variants**

1. Standard (020.012.002-7): Without means of attachment
2. With holding plate for mandibles (020.012.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



The B series  
is available in  
different atrophy  
classes.



### MANDIBULA B3 BONE

020.013.002-7

- Bone quality D II
- Severe alveolar ridge atrophy
- Very limited vertical bone supply in area of posterior teeth
- Sharp jaw ridge (teeth 037 to 044)

#### Indication

Difficult implantations with augmentation techniques

#### Model variants

1. Standard (020.013.002-7): Without means of attachment
2. With holding plate for mandibles (020.013.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



### MANDIBULA B4 BONE

020.014.002-7

- Bone quality D II
- Medium vertical alveolar ridge atrophy, sufficient vertical bone supply, severe lateral atrophy and vertical defects
- Remaining alveolus 033 and extreme crestal situation (teeth 032 to 042)

#### Indication

Difficult implantations with augmentation techniques

#### Model variants

1. Standard (020.014.002-7): Without means of attachment
2. With holding plate for mandibles (020.014.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems





## MODEL SERIES **B**



### **MANDIBULA B5 BONE**

020.015.002-7

- Bone quality D II
- Severely atrophic mandible
- Remaining alveolus 047
- Extraction sockets 036 to 043
- Dental alveoli 036 to 042 in damaged state after radicular cyst with complete buccal bone loss
- Various bone losses of various degrees

#### **Indication**

Difficult implantations with augmentation techniques

#### **Model variants**

1. Standard (020.015.002-7): Without means of attachment
2. With holding plate for mandibles (020.015.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems



### **MANDIBULA B6 BONE**

020.016.002-7

- Bone quality D II
- Slight vertical and crestal alveolar ridge atrophy, sufficient vertical bone supply
- Partially edentulous mandible with long-span edentulous space (teeth 031 to 041), single tooth gap (tooth 035), free-end edentulous space (teeth 045 to 047)

#### **Indication**

Implantations considering the characteristics of a partially edentulous lower jaw

#### **Model variants**

1. Standard (020.016.002-7): Without means of attachment
2. With holding plate for mandibles (020.016.002-9): Holding plate for mandibles (100.00.002) attached, threaded insert M6. Possible attachment to work surface (100.00.001) and all common phantom head systems

We also  
manufacture  
individual models  
for you.



### **MANDIBULA B1 MUCOSA**

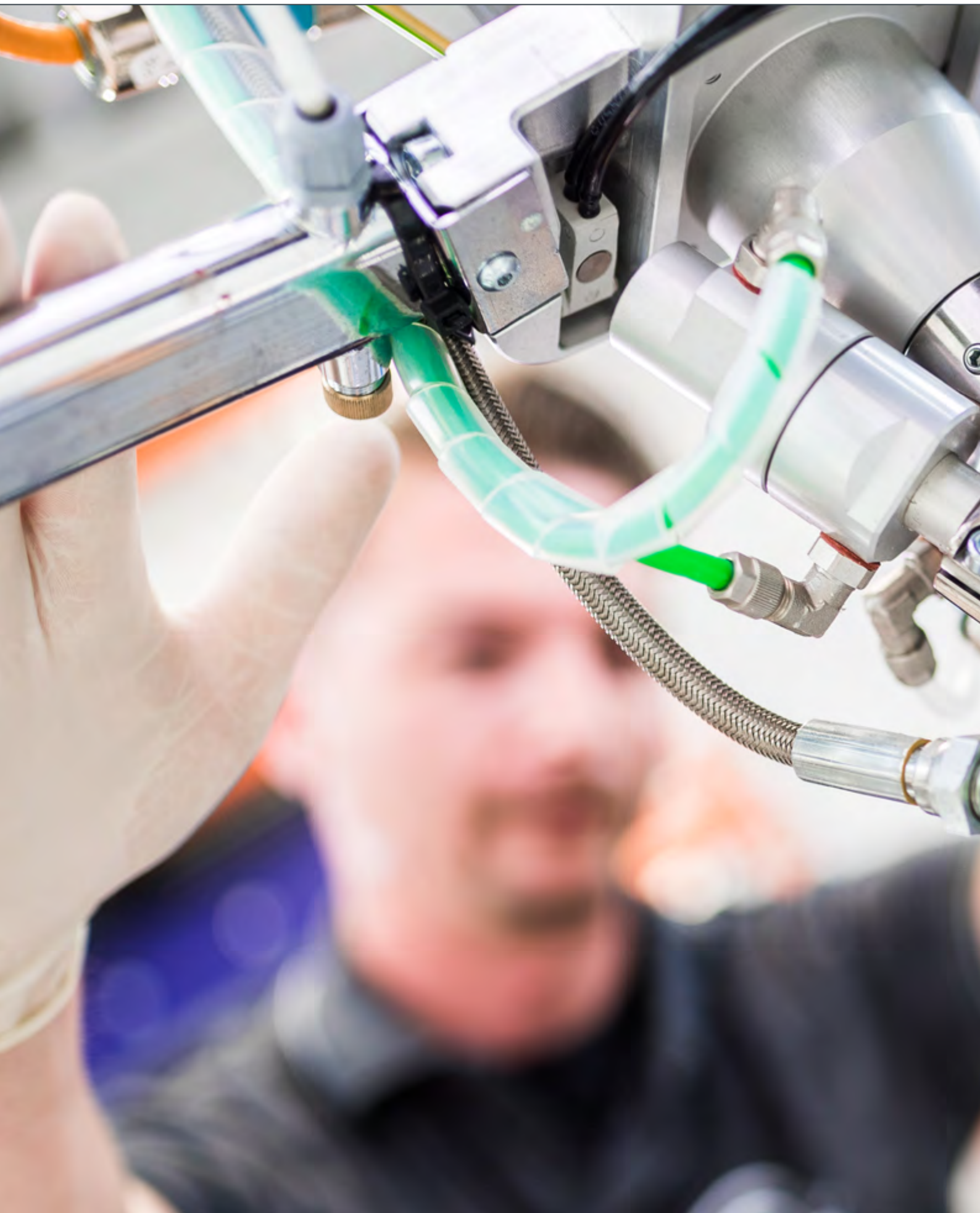
020.011.112

- Bone quality D II
- Slight vertical alveolar ridge atrophy sufficient crestal bone supply in all areas
- Artificial oral mucosa for simulating incision, flap preparation, and suture technique
- Holding plate for mandibles of Type B Model Range (100.000.002) attached, i.e. better handling thanks to possible attachment to work surface (100.000.001) and all common phantom head systems

#### **Indication**

Standard implantations









**REALISTIC REPLICAS** of various bone qualities and anatomical structures are important prerequisites for surgical simulation. Benefit from our many years of experience in the field of plastic processing and our unique process for the lifelike reproduction of bone structure.



# MODEL SERIES

## C



### **SIMPLE, PRACTICAL, AFFORDABLE!**

Work with our new Model Series C and easily fix the models to the work surface using 2 pins. No additional accessories are required!

The educational models in this series are suitable for demonstrating and simulating standard implant procedures and, in the upper jaw area, also for simulating an immediate implant placement.

The Model Series C is limited to a partially dentate upper jaw and an edentulous lower jaw. The models are available as bone models without mucosal mask or as models with a mucosal mask. We supply the models of this series in packaging units (minimum order quantity of 50 models) at particularly attractive conditions.

The work surface (1074) is lightweight and reusable. The simple handling of the system and the compact size of the work surface make Model Series C the perfect tool for field service, trade fairs, and hands-on courses.

We will be happy to print your work surface with your individual company logo upon request and for an additional charge.



Visit us at  
[www.gos-implant.com](http://www.gos-implant.com)



**Our Model Series C** is characterized by a especially easy fixation option on our work surface (1074) Model Series C. The indications are in the area of standard implantation and immediate implantation. The model variants with a mucosal mask are suitable for practicing suture techniques



# MODEL SERIES

## C



### SHORT DESCRIPTION

Model range consisting of an upper jaw and a lower jaw at particularly favorable conditions

### INDICATION

Standard implantations, immediate implantation in the upper jaw

### FIXATION OPTIONS

Work surface Model Series C. No additional accessories or fixation plates required

### BONE QUALITY

D II-D III



## MODEL SERIES C



### MANDIBULA C1 BONE

1070

- Bone quality D II
- Mild vertical alveolar ridge atrophy
- Sufficient crestal bone availability in all areas
- Fixing option on Model Series C work surface (1074) without additional accessories

#### Indication

Standard implantations

#### Accessories

- Model Series C work surface (1074)

#### Packaging unit / Minimum order quantity

50 pieces per bag



### MANDIBULA C1 MUCOSA

1071

- Bone quality D II
- Mild vertical alveolar ridge atrophy
- Sufficient crestal bone availability in all areas
- Mucosal mask for simulating incision guidance, flap preparation, and suturing technique
- Fixing option on Model Series C work surface (1074) without additional accessories

#### Indication

Standard implantations

#### Accessories

- Model Series C work surface (1074)

#### Packaging unit / Minimum order quantity

50 pieces per bag

NEW

**MAXILLA C1 BONE**

1080

- Bone quality D II-D III
- Mild vertical alveolar ridge atrophy
- Sufficient crestal bone availability in all areas
- Missing teeth 016, 014, 011, 022-023
- Free-end situation 025-027
- Extraction socket 014
- Fixing option on Model Series C work surface (1074) without additional accessories

**Indication**

Standard implantations, immediate implantation

**Accessories**

- Model Series C work surface (1074)

**Packaging unit / Minimum order quantity**

50 pieces per bag

**MAXILLA C1 MUCOSA**

1081

- Bone quality D II-D III
- Mild vertical alveolar ridge atrophy
- Sufficient crestal bone availability in all areas
- Missing teeth 016, 014, 011, 022-023
- Free-end situation 025-027
- Extraction socket 014
- Mucosal mask for simulating incision guidance, flap preparation, and suturing technique
- Fixing option on Model Series C holding plate (1074) without additional accessories

**Indication**

Standard implantations, immediate implantation

**Accessories**

- Model Series C work surface (1074)

**Packaging unit / Minimum order quantity**

50 pieces per bag



# MODEL SERIES

## S



### PROSTHETIC MODELS WITH ATTACHED BASE

The dental education models from our Type S Model Range consist of two versions of an upper and lower jaw model, each with an attached base. They are particularly suitable for simulating standard implantation procedures, as augmentation models for lateral bone grafting as well as for practicing impressions with polyether materials and prosthetic treatment. All models can be supplied with bone quality D II.

The maxillae and mandible models of the S Model Range are equipped with an artificial oral mucosa for the simulation of incisions, flap preparation, and suture techniques as standard. Due to the integrated threaded insert on the model base they can be attached to our work surface (100.000.001) as well as all common phantom head systems.

We supply our mandibles with an attached base as edentulous models alternatively with a slightly or severely atrophic alveolar ridge. The maxilla models of the S Model Range are either available as edentulous maxillae or as models with severe alveolar ridge atrophy, various alveolar ridge defects, and extraction sockets. This also makes the simulation of more difficult procedures of the dental restoration process, such as lateral bone grafting, possible.



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**Our Type S Model Range** includes two versions of an upper and lower jaw, each of which has an attached base for the simulation of implantation procedures and lateral augmentation techniques, impressions with polyether materials, preparation of dental prosthesis and prosthetic treatment.



## MODEL SERIES

### S



#### SHORT DESCRIPTION

Upper and lower jaw models, each with an attached base and standard artificial oral mucosa

#### INDICATION

Standard implantations, lateral augmentation techniques (no sinus lift), prosthetic education, impressions with polyether materials

#### FIXATION OPTIONS

Holding plate, common phantom head systems, free application

#### BONE QUALITY

Maxilla D II  
Mandibula D II



## MODEL SERIES

### S



#### **MANDIBULA S1 MUCOSA**

019.011.112

- Bone quality D II
- Edentulous mandible with slightly atrophic alveolar ridge
- Artificial oral mucosa – allows for impressions with polyether material
- Threaded insert M6 on model base attachable to work surface (100.000.001)

#### **Indication**

Standard implantations



#### **MANDIBULA S2 MUCOSA**

019.012.112

- Bone quality D II
- Edentulous mandible with partially severe atrophic crestal alveolar ridge, various alveolar ridge defects and extraction sockets
- Artificial oral mucosa – allows for impressions with polyether material
- Threaded insert M6 on model base attachable to work surface (100.000.001) and all common phantom head systems

#### **Indication**

Difficult implantations with augmentation techniques

We also  
manufacture  
individual models  
for you.



### MAXILLA S1 MUCOSA

019.021.112

- Bone quality D II
- Partially edentulous maxilla with slightly atrophic alveolar ridge Remaining teeth 16, 14, 13, 11, 21, 22, 23
- Typical situation with free-end edentulous space and long-span edentulous space
- Artificial oral mucosa – allows for impressions with polyether material
- Threaded insert M6 on model base attachable to work surface (100.000.001)

#### Indication

Implantations considering the characteristics of a partially edentulous upper jaw



### MAXILLA S2 MUCOSA

019.022.112

- Bone quality D II
- Edentulous maxilla with partially severe atrophic crestal alveolar ridge, various alveolar ridge defects and extraction sockets
- Artificial oral mucosa – allows for impressions with polyether material
- Threaded insert M6 on model base attachable to work surface (100.000.001)

#### Indication

Difficult implantations with augmentation techniques









**EXPERIENCE AND STATE-OF-THE-ART TECHNOLOGY** are the basis for the production of high-quality implantological training models and materials.



# INDIVIDUAL MODEL DESIGN



## MANUFACTURING OF CUSTOM MODELS

Would you like to design and have your own model or product made by us? Send us your model or product template, the STL files of your patient case, or simply describe your idea – we will bring your project to life. Benefit from our more than 30 years of experience in product development for implant manufacturers, universities, and professional societies. From the simple transfer of a finished product template into series production to the complex development of a model based on DVT data and intraoral scans.

Our range includes:

- Model development and small-series production for research projects or planning and surgical models for complex surgical preparation.
- Model development and production of models for series production in medium or large quantities.
- Development and manufacturing of custom plastic parts and instruments, such as: Mucosal masks, work surface and holding plates, screwdrivers.

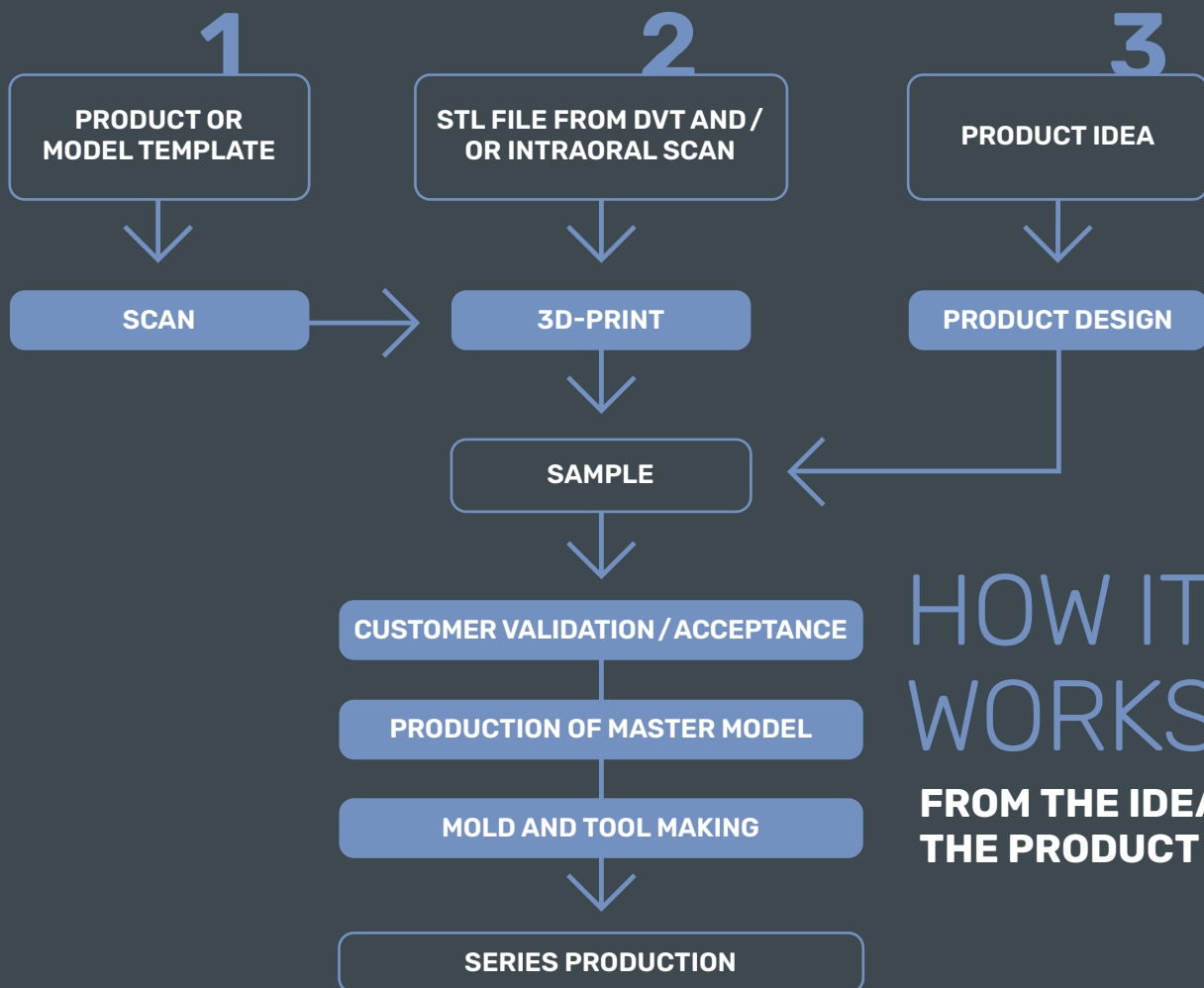
Take advantage of our technical capabilities in the field of rapid prototyping, rapid manufacturing, and series production of plastic products:

- 3D printing
- Plastic casting
- Vacuum casting of plastics
- Plastic foaming technology
- Plastic injection molding



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[www.gos-implant.com](http://www.gos-implant.com)





# INDIVIDUAL



## SHORT DESCRIPTION

Custom model and product manufacturing according to customer specifications

## INDICATIONS

- Planning and surgical models for complex surgical preparation
- Research projects
- Models based on patient cases
- Series production of custom models and products



# UNIQUE AND INDIVIDUAL

## PRECISE AND RELIABLE

We use the latest prototype manufacturing techniques to create your individual product. In series production, the entire range of plastic processing is available to us. From vacuum casting to plastic injection molding.





## **DIGITAL PRODUCT DEVELOPMENT**

Digital product development includes the entire process of conception, design, and implementation of your projects.









**MADE IN GERMANY** Our production in Germany is characterized by the highest precision and the use of the latest technologies. Our proximity to the customer and close cooperation enable tailor-made solutions. And we have been doing so for over 30 years.

# ACCESSORIES



## GÖTTINGEN SURGERY SIMULATION UNITS

Our accessories range includes, in particular, the solid and visually pleasing holding plates made of acrylic glass, as well as work surfaces. It is also possible to add your individual company logo to holding plates and work surfaces for an additional fee.

Our work surface (100.000.001) can be used instead of a phantom head for attaching all model types for advanced training. The holding plate for mandibles (100.000.002) serves as a connecting link and thus allows for attaching all mandible models to our work surface as well as all common phantom head systems.

In addition to all the required tools for the assembly and fixing of individual models, our product range of accessories is completed by the essential educational resources for implantology which are required for the planning of the actual surgical procedure. These include our surgical templates, saw models, and panoramic radiographs.

The aluminium transportation box with foam lining guarantees the safe transportation of your Type A Phantom Head and the corresponding maxilla and mandible models, especially to hands-on seminars off-site.



Visit us at  
[www.gos-implant.com](http://www.gos-implant.com)





## ACCESSORIES

In our carefully selected supply of accessories, you can find all the supplies you might need for the transportation and fastening of our surgery simulation models or for simplifying the involved work processes. It also includes complementary materials for advanced training such as surgical templates, saw models, and panoramic radiographs.





## ACCESSORIES



### HOLDING PLATE MAXILLA SERIE A

100.000.004



### HOLDING PLATE MANDIBULA SERIE B

100.000.002

- Attachable to all models of Type B Model Range
- On demand, also attachable to all mandibles of Type A Model Range (optional)
- Includes 2 fixation screws

#### Useful accessories

- Screwdriver hexalobular (100.000.006)



### HOLDING PLATE MANDIBULA SERIE A

100.000.003

We also  
manufacture  
individual models  
for you.



#### **TRANSPORTATION BOX SERIE A**

100.000.008

- For transporting Phantom Head Type A with accessories (010.100.000-12) and implantation models
- Delivery without skull and accessories

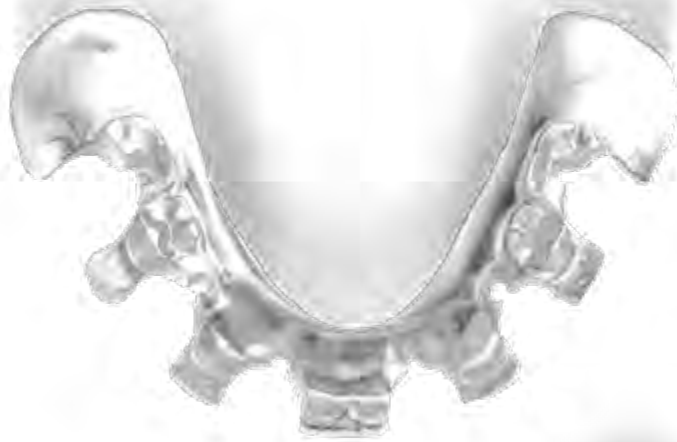
ACCESSORIES







## ACCESSORIES



### SURGICAL TEMPLATE MANDIBULA B1 ANATOMY

100.000.009

### SURGICAL TEMPLATE MAXILLA B1 MUCOSA

100.000.010



### WORK SURFACE

100.000.001

- Attachable to all models of Type A, B, C and S
- Attachable to models of Type B Model Range only in combination with holding plate for mandibles of Type B Model Range (100.000.002)

### Useful accessories

- Screwdriver Hexagon 5 mm (100.000.005),
- Screw clamp (100.000.007)

We also  
manufacture  
individual models  
for you.



**SAW MODEL  
MANDIBULA B1 ANATOMY**  
100.000.013



**SAW MODEL  
MAXILLA B1 MUCOSA**  
100.000.014





## ACCESSORIES



Individual  
printing of the  
worktop with  
your logo.  
Ask us.

### WORK SURFACE MODEL SERIES C

1074

- For mounting all models of Model Series C
- Simple fixation system with 2 pins
- No additional accessories required
- Perfect for field service, trade fairs and also for hands-on courses
- Silicone feet
- Lightweight and reusable
- Small dimensions (115 x 115 x 8 mm)

**SCREWDRIVER  
HEXALOBULAR**  
100.000.006



**SCREWDRIVER  
HEXAGON 5 MM**  
100.000.005



**SCREW CLAMP**  
100.000.007









**INFO@GOS-IMPLANT.COM** Would you like to find out more about our implantological training models, or do you have further questions about our products? Contact us via email or by phone: +49 5551 99676-0. We are available at any time during business hours and will be happy to help you with any questions you may have.



Visit us at  
[www.gos-implant.com](http://www.gos-implant.com)

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