

## INTERIM IMPLANT SYSTEM

two-piece. flexible. good.



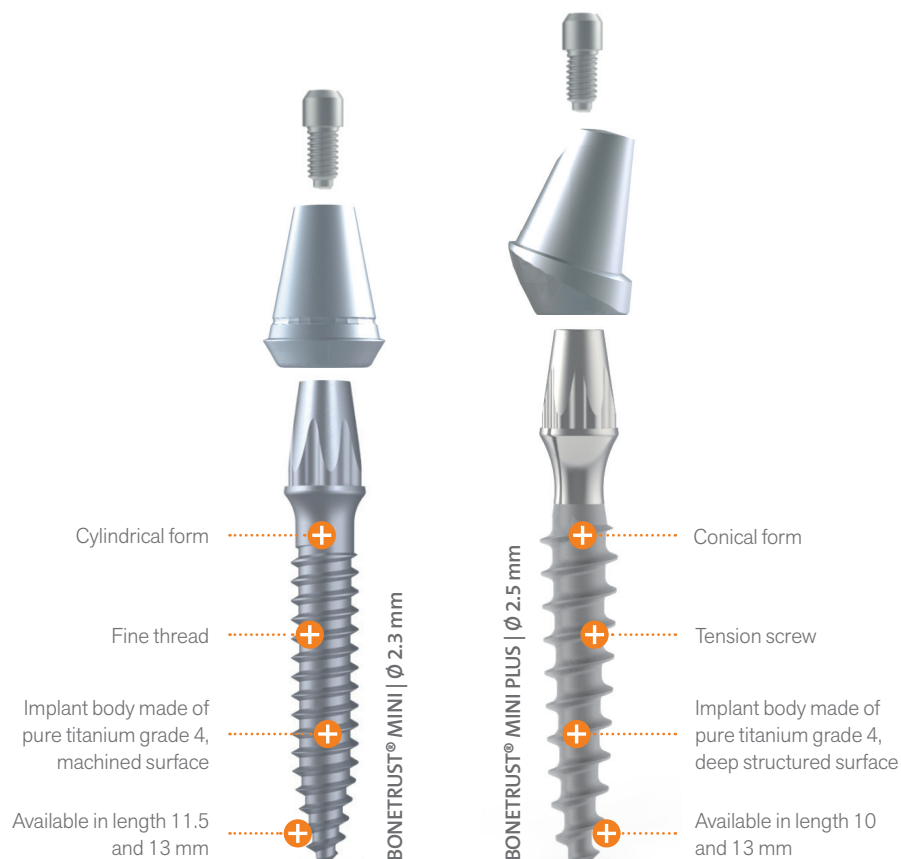
medical ins+inct<sup>®</sup>

... WE ARE IMPLANTOLOGY!

# BONETRUST® MINI | MINI PLUS INTERIM IMPLANTS

With the BoneTrust® mini implant, Medical Instinct® provides a flexible interim restoration concept. In cooperation with the private dental clinic Schloss Schellenstein in Olsberg, Germany, a design was developed which enables restorations with prosthetic components by means of a screw-retention.

The implants have a diameter of only 2.3 mm or 2.5 mm and are made of pure titanium grade 4. They are available in three lengths. The new system convinces with standard components for prosthetic fixations and aesthetic bridge restorations.



## INDICATIONS BONETRUST MINI IMPLANT SYSTEMS:

The BoneTrust® Mini and Mini+ Implants are intended to be loaded immediately in partially or fully edentulous mandibles and maxilla to serve as temporary support for provisional prosthetic devices during the healing phase of permanent endosseous dental implant(s).

BoneTrust® Mini Abutments are intended for use with BoneTrust® Mini / Mini+ Dental Implants to provide support for provisional prosthetic reconstructions during the healing phase of permanent endosseous dental implants.

BoneTrust® Mini Ball Attachments are intended to be used with BoneTrust® Mini / Mini+ Dental Implants to support and / or retain provisional removable dental prostheses during the healing phase of permanent endosseous dental implants.

# OVERVIEW INSTRUMENTS

## 1. IMPLANT BED PREPARATION

Optional in case  
of hard bone



**Pre-Drill 1.3 mm**  
Article no.: 191-001300



**Pre-Drill 2.0 mm**  
Article no.: 193-002000

## 2.A. MECHANICAL INSERTION



**Insertion Instrument, HP**  
Article no.: 190-101250



**Handpiece (example)**  
Article no.: 192-102010

## 2.B. MANUAL INSERTION

**Insertion Instrument -  
BoneTrust<sup>®</sup> mini** ▶  
Article no.: 190-101240



+

**OR:**

**Insertion tool, short,  
ratchet adapter with  
contra-angle inserts** ▶  
Article no.: 190-202001



+

**Insertion Instrument, HP** ▶  
Article no.: 190-101250

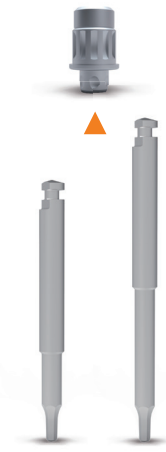


**Torque Ratchet**  
Article no.: 191-303050



## 3. PROSTHETIC RESTORATION

**Insertion tool, short, ratchet ad-  
apter with contra-angle inserts**  
Article no.: 190-202001



**0.9 mm hex screwdriver  
(contra-angle insert)**  
**Short:** Article no.: 190-101209  
**Long:** Article no.: 190-101213



**Torque Ratchet**  
Article no.: 191-303050

# SURGICAL GUIDE

## BONETRUST® MINI | MINI PLUS



Once the mucosa has been prepared, the cavity is then prepared using the 1.3 mm pilot drill.

Optionally and in cases where the bone is extremely hard in the lower jaw, a 2.0 mm spiral drill can be used to perform the expansion.

### INSTRUMENTS:

- Pre-Drill 1.3 mm
- Pre-Drill 2.0 mm

Article no.: 191-001300

Article no.: 193-002000



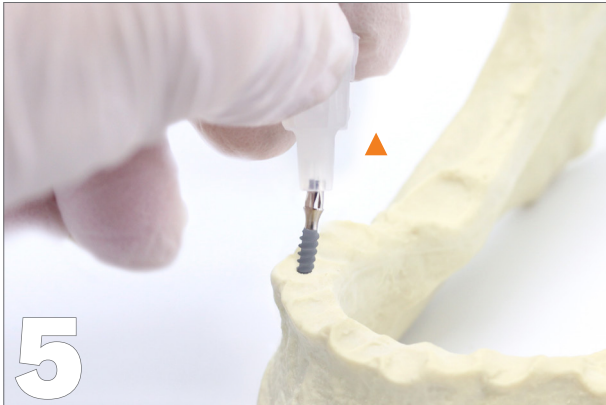
Opening of the implant blister at the top corner by the non-sterile assistant. Let the sterile glass implant casing slide into the sterile zone.



Remove the implant from the glass casing by carefully pulling out the plastic cap.



Using the plastic cap, place the implant in the cavity and gently screw it by hand.



Pull the plastic cap off and screw the implant into its final position either manually or mechanically (step 6 or 7).



The following instruments are available for manual insertion:

- **Insertion Instrument** Article no.: 190-101240
- **Torque Ratchet** Article no.: 191-303050

**OR ALTERNATIVELY:**

- **Insertion Instrument, HP** Article no.: 190-101250
- **Ratchet Adapter** Article no.: 190-202001
- **Torque Ratchet** Article no.: 191-303050



The following instruments are available for mechanical insertion:

- **Insertion Instrument, HP** Article no.: 190-101250



When positioning the implant, it must be ensured that the whole rough-surfaced thread is covered by bone.

# PROSTHETICS

## BONETRUST® MINI | MINI PLUS

### BoneTrust® mini laboratory analogues

Article no.: 240-185023 ►

There are two different impression options available. Along with the option of taking an impression of the abutments using the red impression cap, it is also possible to take impressions of the BoneTrust® mini implants directly.



### Insertion tool, short, ratchet adapter with contra-angle inserts

Article no.: 190-202001 ►

### 0.9 mm hex screwdriver (contra-angle insert) short/long ►

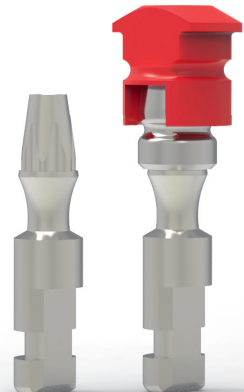
**Short:** Article no.: 190-101209

**Long:** Article no.: 190-101213



### BoneTrust® mini laboratory analogues, screwed in

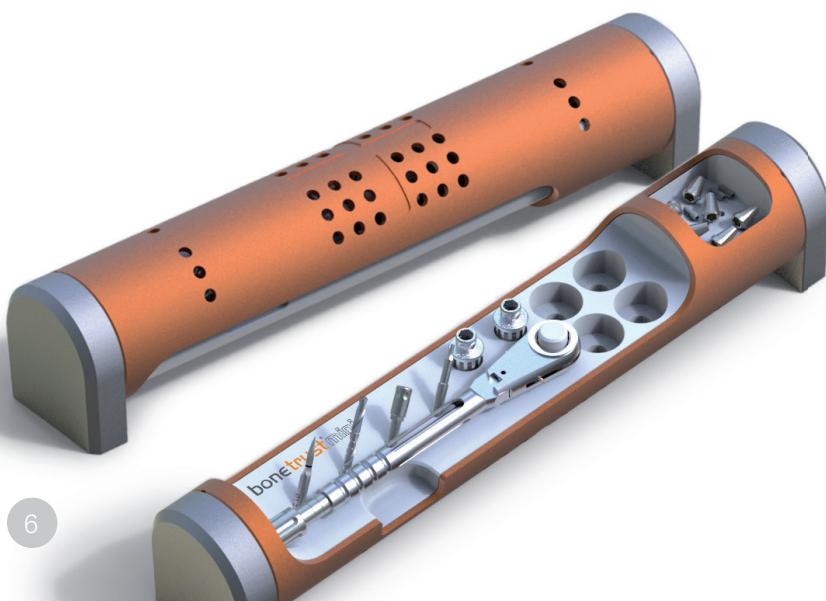
Article no.: 240-185123 ▼



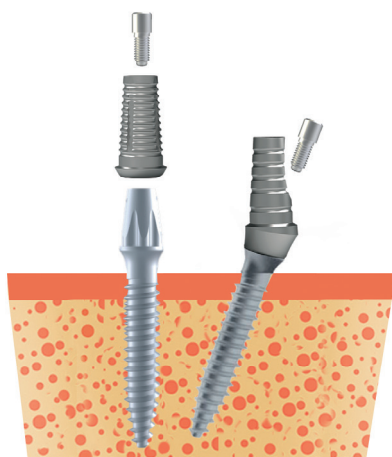
### ◀ BoneTrust® mini Tray

Article no.: 190-300240

The tray offers space for all instruments including the necessary implants, abutments and screws. The ingenious lid ensures that everything stays in place when the tray is closed. Being small in size, it makes an excellent side tray alongside the conventional surgical cassette.







### BONETRUST<sup>®</sup> MINI CROWN BASE

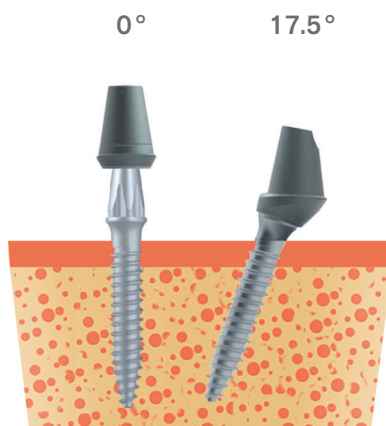
The crown bases are available in 0 degrees (without rotation lock) and 16 degrees (with rotation lock). To screw in an interim prosthesis on the BoneTrust<sup>®</sup> mini implants, the BoneTrust<sup>®</sup> mini crown base 0 degrees can be shortened if needed and then directly polymerised in the existing prosthesis. The 16 degrees angulated crown base also has a shortenable retention section and serves to hold cemented, temporary crowns and bridges.

#### BoneTrust<sup>®</sup> mini Crown Base 0°

Article no.: 240-165000

#### BoneTrust<sup>®</sup> mini Crown Base 16°

Article no.: 240-165017



### BONETRUST<sup>®</sup> MINI ABUTMENTS

The abutments are available in 0 degrees and 17.5 degrees.

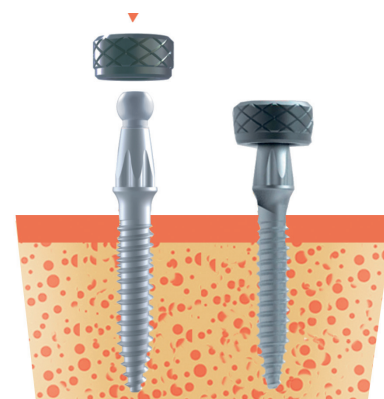
The retaining screw and impression cap are included in the delivery. The impression cap can also be used as a polymerisation cap.

#### BoneTrust<sup>®</sup> mini Abutment 0°

Article no.: 240-162300

#### BoneTrust<sup>®</sup> mini Abutment 17.5°

Article no.: 240-162317



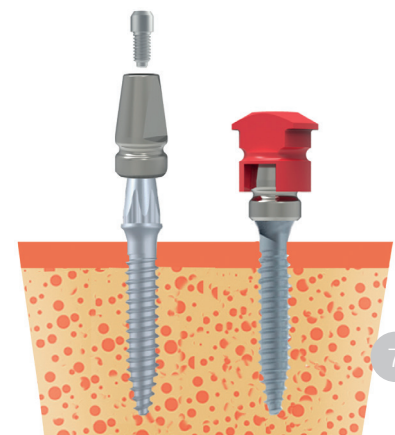
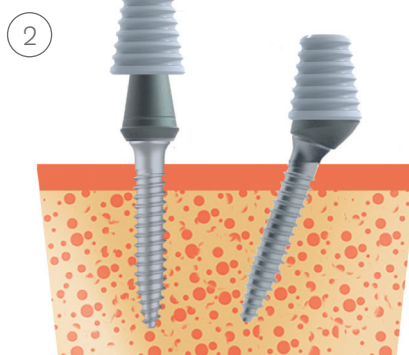
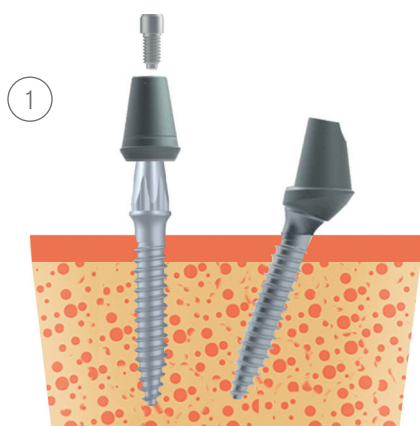
### BONETRUST<sup>®</sup> MINI SPHERICAL HEAD SCREW

The spherical head screw is screwed in using the 0.9 mm hex screwdriver with 20 N/cm and the O-ring matrix is incorporated via polymerisation into an existing prosthesis.

Article no.: 240-161230

Placement of the 0 degrees or angulated abutments and tightening of the retaining screw with the 0.9 mm hex screwdriver (contra-angle insert). This can be used with the adapter for the torque ratchet as well.

1. The impression is taken using the impression cap (also available separately 240-180023). However, this can also be used as a polymerisation cap.
2. To create a model, the BoneTrust<sup>®</sup> mini laboratory analogue is available.



### BONETRUST<sup>®</sup> MINI TRANSFER- IMPRESSION POSTS COMPLETE

The transfer impression posts offer the option of taking an impression of the implant directly. To create a model, a corresponding laboratory analogue is available. Article no.: 240-180123 ▼

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