

dev-os

The complete solution for bone fixation and membrane stabilization

biohorizons
camlog group

BIOHORIZONS®
biologics

A new modular design for high flexibility and easy adaptation to

Build the system that better covers your specific needs

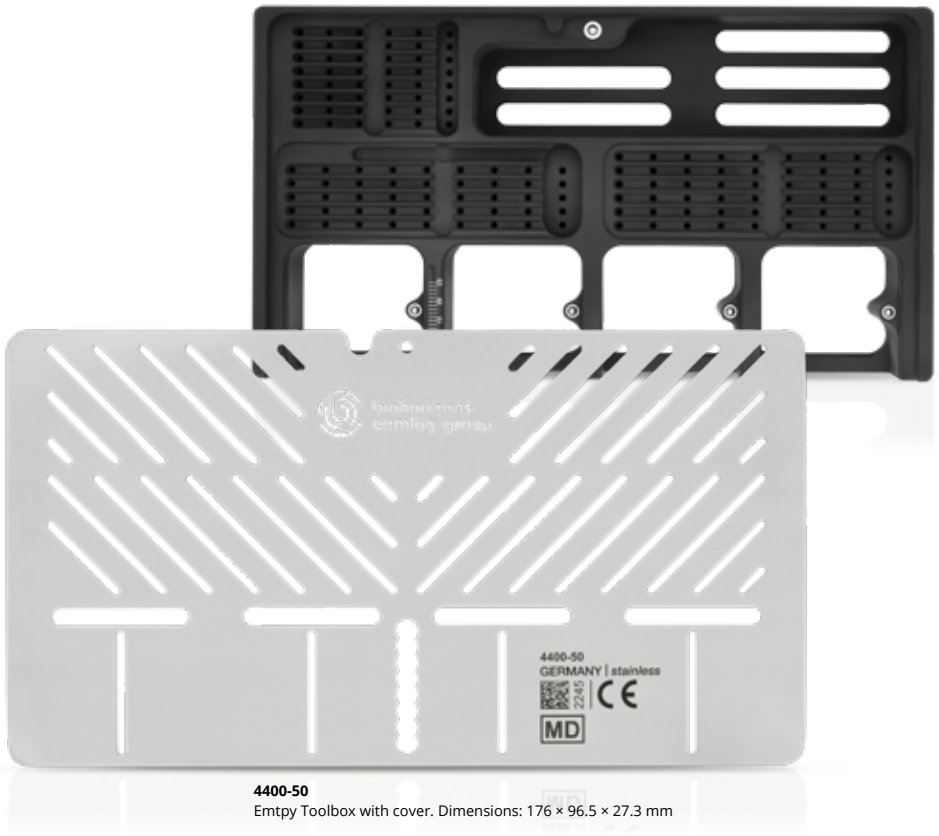
The Toolbox accommodates up to four inlays and is securely closed by the lid. The new modular design allows personalized configuration and enables the simultaneous storage of micro screws, pins, drills, and tools.

The ergonomic structure improves usability and ensures clarity during surgical procedures.

Toolbox with cover

- Ergonomic arrangement
- Interchangeable inlays for personalized configuration
- Autoclavable to conveniently store and organize the following components:
  - Handle
  - Fixation screws, pins, or Tenting-Screws
  - Drills (short/long)
  - Screwdriver blades
  - Pin applicator (4902-20)
  - Pin Driver (4902-55)





4400-50
Emtpy Toolbox with cover. Dimensions: 176 × 96.5 × 27.3 mm

Toolbox inlays

- Inlay for Titanium microscrews Ø 1.0 / 1.3 mm (4010/13-xx)
- Inlay for Titanium microscrews Ø 1.5 / 1.8 mm (4015/18-xx)
- Inlay for INOX microscrews (stainless steel) (4510/12-xx)
- Inlay for Tenting-Screws (stainless steel) (4712-xx-xx)
- Inlay for Titanium pins (4901-xx) and Titanium Solid-Pins (4911-xx)
- **Inlays fit both the Toolbox (4400-50) and the Cube (4400-55)**



4410-10
Inlay for Titanium microscrews Ø 1.0 / 1.3 mm



4410-15
Inlay for Titanium microscrews Ø 1.5 / 1.8 mm



4410-30
Inlay for INOX microscrews (stainless steel)



4410-50
Inlay for Tenting-Screws (stainless steel)



4410-70
Inlay for Titanium Pins and Titanium Solid-Pins

Demo-Video dev-os System:
www.camlog.com/devos-system

Further information:
https://www.camlog.com/en/produkte/biomaterialien/dev-os-system

changing requirements

Turning handle

- Turning handle with dental fitting
- Comfortable usage with the center of rotation at the back
- Easy pick-up and release of screws and pins
- **Fits the pin applicator (4902-20), Driver for HEX HEAD pins (4902-55), and screwdriver blades (4210-20/21, 4213-20/21)**



4311-00
Turning handle with dental fitting

Pin applicator – Titanium

- For easy pick-up and placement of pins
- **Fits the turning handle 4311-00**



4902-20
Pin applicator, L 50 mm, straight, with dental fitting

Driver for HEX HEAD pins – Titanium

- For quick and easy removal of Hex Head pins (4901-13) after healing
- **The item 4902-55 fits the turning handle (4311-00)**

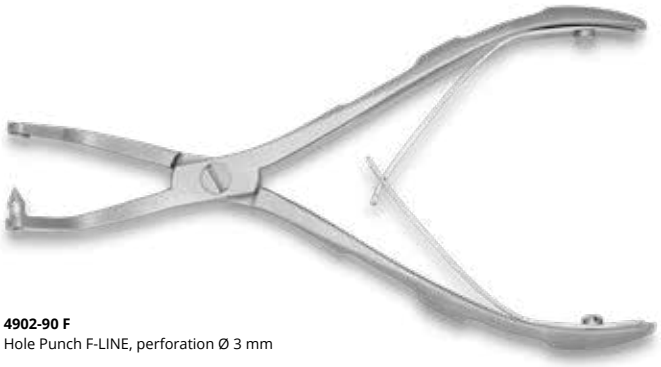
4902-55
Driver for HEX HEAD pins, L 50 mm, with dental fitting



4902-50
Hand driver for removing titanium pins (4901-13 and 4901-15)

Hole punch F-LINE

- Perforation of membranes with a defined 3 mm diameter
- Ensures precise positioning of the membrane around the implant neck and abutment
- Safe application in augmentation procedures and implantology workflows



4902-90 F
Hole Punch F-LINE, perforation Ø 3 mm

Handle for pin applicators

- Stable and comfortable grip
- Direct force transfer to the pin
- Easy to clean
- **Fits the pin applicators 4902-10 and 4902-15**



4902-00 F
Handle for pin applicators, L 133 mm

Pin applicators – Titanium

- For easy pick-up and placement of pins
- Straight and Curved designs available
- The protective caps maintain the gripping mechanism's preload during storage
- **Fits the handle 4902-00F**



4902-10
Pin applicator, Straight, L 56 mm, End piece for handle 4902-00F



4902-15
Pin applicator, Curved, L 56 mm, End piece for handle 4902-00F

Pin punch

- The sharp pointed end can be used to punch holes into the bone or membranes prior to pin placement.



4902-80 F
Pin punch, L 170 mm

Pin-remover F-LINE

- For easy removal of the pins from the alveolar ridge



4902-70 F
Pin-Remover, L 165 mm

Mallet

- Helps inserting pins in dense bone using the applicators (4902-10 or 4902-15) with the handle (4902-00F)
- Helps perforating dense bone or rigid membranes with the punch 4902-80F
- The balanced weight distribution eases the handling and usage
- Precise and comfortable application



860-20 F
Mallet, L 165 mm, 125 g

Titanium microscrews and instruments

Self-tapping bone screws

The microscrews were specially developed for the fixation of bone plates and blocks. They are made of medical-grade, biocompatible titanium. The proven QUADRO design ensures reliable force transmission during tightening. The color-coding eases visual identification and quick matching to the appropriate tools.

Titanium microscrews, Ø 1.0 mm

- Pack of 5 units
- Available lengths: 5, 7, and 9 mm
- Green anodized
- QUADRO HEAD



4010-05 **4010-07** **4010-09**

Titanium microscrews, Ø 1.3 mm

- Pack of 5 units
- Available lengths: 5, 7, 9, 11, 13 and 15 mm
- Yellow anodized
- QUADRO HEAD



4013-05 **4013-07** **4013-09** **4013-11** **4013-13** **4013-15**

Pilot drill, Ø 0.7 mm, for microscrews, Ø 1.0 mm

- Length (max. drilling depth): 9 mm
- Total length: 33 mm



4210-00

Pilot drill, Ø 1.0 mm, for microscrews, Ø 1.3 mm

- Length (max. drilling depth): 15 mm
- Total length: 33 mm



4213-00

Screwdriver blades, for microscrews, Ø 1.0 mm

- Fits the turning handle 4311-00
- Lengths: 70 mm (4210-20) and 30 mm (4210-21)



4210-20



4210-21

Screwdriver blades, for microscrews, Ø 1.3, 1.5 and 1.8 mm

- Fits the turning handle 4311-00
- Lengths: 70 mm (4213-20) and 30 mm (4213-21)



4213-20



4213-21





Titanium microscrews, Ø 1.5 mm

- Pack of 5 units
- Available lengths: 5, 7, 9, 11, 13 and 15 mm
- Original grey color
- QUADRO HEAD



4015-05 **4015-07** **4015-09** **4015-11** **4015-13** **4015-15**

Titanium microscrews, Ø 1.8 mm

- Pack of 5 units
- Available lengths: 5, 7, 9, 11, 13 and 15 mm
- Violet anodized
- QUADRO HEAD



4018-05 **4018-07** **4018-09** **4018-11** **4018-13** **4018-15**

Pilot drill, Ø 1.2 mm, for microscrews, Ø 1.5 mm

- Length (max. drilling depth): 15 mm
- Total length: 33 mm



4215-00

Pilot drill, Ø 1.5 mm, for microscrews, Ø 1.8 mm

- Length (max. drilling depth): 15 mm
- Total length: 33 mm



4218-00





INOX microscrews (stainless steel) and instruments

Self-tapping bone screws

INOX microscrews are used for the fixation of bone plates and blocks. The screw head design "QUADRO" improves the clamping force and ensures precise and safe transport and application in the surgical site.

INOX microscrews, Ø 1.0 mm

- Pack of 3 units
- Available lengths: 4, 6, 8, 10, 12, and 14 mm
- QUADRO HEAD



4510-04 **4510-06** **4510-08** **4510-10** **4510-12** **4510-14**

INOX microscrews, Ø 1.2 mm

- Pack of 3 units
- Available lengths: 4, 6, 8, 10, 12, and 14 mm
- QUADRO HEAD



4512-04 **4512-06** **4512-08** **4512-10** **4512-12** **4512-14**

Pilot drill, Ø 0.8 mm, for INOX microscrews, Ø 1.0 mm

- Length (max. drilling depth): 10 and 14 mm
- Total length: 25 and 33 mm



4210-10



4210-14

Pilot drill, Ø 1.0 mm, for INOX microscrews, Ø 1.2 mm

- Length (max. drilling depth): 10 and 14 mm
- Total length: 25 und 33 mm



4212-10



4212-14

Screwdriver blades, for INOX microscrews, Ø 1.0 and 1.2 mm

- Fits the turning handle 4311-00
- Lengths: 70 mm (4210-30) and 30 mm (4210-31)



4210-30



4210-31





INOX Tenting-Screws (stainless steel) and instruments

Self-tapping bone screws

The Tenting-Screws provide structural support during augmentation procedures following the tent-pole technique. They prevent the collapse of soft tissues into the grafting area and maintain the space for horizontal and vertical bone growth.

Tenting-screws INOX, Ø 1.2 mm, head diameter: Ø 4.0 mm

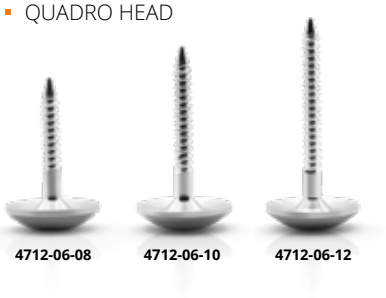
- Pack of 2 units
- Available lengths: 8, 10, and 12 mm
- QUADRO HEAD



4712-04-08 **4712-04 10** **4712-04-12**

Tenting-screws INOX, Ø 1.2 mm, head diameter: Ø 6.0 mm

- Pack of 2 units
- Available lengths: 8, 10, and 12 mm
- QUADRO HEAD



4712-06-08 **4712-06-10** **4712-06-12**

Pilot drill, Ø 1.0 mm, for Tenting-Screws INOX, Ø 1.2 mm

- Length (max. drilling depth): 8 mm
- Total length: 23 mm



4212-08

Screwdriver blades, for Tenting-Screws INOX, Ø 1.2 mm

- Fits the turning handle 4311-00
- Lengths: 70 mm (4213-30) and 30 mm (4213-31)



4213-30



4213-31





Titanium pins and Titanium solid-pins

Fixation pins for meshes and membranes

The titanium pins are available with or without threads and can be used to fix meshes and membranes. Pins with a HEX HEAD (4901-13 and 4901-15) can be easily retrieved after healing by using the pin removers (4902-50, 4902-55). The pin heads have a diameter of 2.5 mm.



Titanium pins without threads

- Pack of 15 units
- Lengths: 3 mm and 5 mm
- Shank: Ø 0.6 mm



4901-03 4901-05

HEX HEAD Titanium pins with threads

- Pack of 10 units
- Lengths: 3 mm and 5 mm
- Shank: Ø 0.54 mm



4901-13 4901-15

The titanium solid pins with flat heads design (4911-03) are suited for use under thin soft tissues. Those with thicker head design (4911-13) can be easily retrieved after healing by using the pin removers (4902-50, 4902-55). The pin heads have a diameter of 2.5 mm.

Titanium solid-pins

- Pack of 10 units
- Length: 3.15 mm
- Shank: Ø 0.95 mm



4911-03

HEX HEAD Titanium solid-pins

- Pack of 10 units
- Length: 3.65 mm
- Shank: Ø 0.95 mm



4911-13

Accessories

For storing pins and screws

Pinbox

The Pinbox accommodates up to 15 pins and can be held and opened single handedly. The stainless steel box is black coated to provide color contrast and facilitate visual localization of pins.



4903-00 FBC
Pinbox (empty), for up to 15 pins



Cube, incl. lid

The Cube can be used as a standalone holder of pins, fixation screws, or Tenting-Screws. It can also serve as complement to the Toolbox (4400-50). The Cube is compatible with all the pins and screws inlays (4410-10/15/30/50/70).



4400-55
Cube (empty), lid included



Ordering Information

dev-os System

Toolbox, Pinbox, and Cube

Art. No.	Article
4400-50	Toolbox with cover (empty), 176 × 96.5 × 27.3 mm
4410-10	Inlay for Titanium microscrews (4010/13-xx)
4410-15	Inlay for Titanium microscrews (4015/18-xx)
New **4410-30**	Inlay for INOX microscrews (stainless steel) (4510/12-xx)
New **4410-50**	Inlay for Tenting-Screws (stainless steel) (4712-xx-xx)
4410-70	Inlay for Titanium pins (4901-xx)

Instruments for application and retrieval

Art. No.	Article
4311-00	Turning handle with dental fitting
4902-20	Pin applicator, straight, L 50 mm, fits the turning handle 4311-00
4902-55	Driver for HEX HEAD pins, L 50 mm, fits the turning handle 4311-00
4902-00 F	Handle for pin applicators, L 133 mm
4902-10	Pin applicator, straight, L 56 mm, end piece for handle 4902-00F
4902-15	Pin applicator, curved, L 56 mm, end piece for handle 4902-00F
4902-50	Hand driver for removing titanium pins (4901-13 and 4901-15)
4902-80 F	Pin punch, L 170 mm
New **4902-70 F**	Pin-remover, L 165 mm
860-20 F	Mallet, L 165 mm, 125 g
New **4902-90 F**	Hole punch F-LINE, perforation Ø 3 mm

Pilot drills and screwdriver blades

Art. No.	Article
4210-00	Pilot drill, Ø 0.7 mm, CL 9 mm, TL 33 mm, with dental fitting, for Titanium microscrews (4010-xx)
4213-00	Pilot drill, Ø 1.0 mm, CL 15 mm, TL 33 mm, with dental fitting, for Titanium microscrews (4013-xx)
4215-00	Pilot drill, Ø 1.2 mm, CL 15 mm, TL 33 mm, with dental fitting, for Titanium microscrews (4015-xx)
4218-00	Pilot drill, Ø 1.5 mm, CL 15 mm, TL 33 mm, with dental fitting, for Titanium microscrews (4018-xx)
4210-20	Screwdriver blade, L 70 mm, with dental fitting, for Titanium microscrews (4010-xx)
4210-21	Screwdriver blade, L 30 mm, with dental fitting, for Titanium microscrews (4010-xx)
4213-20	Screwdriver blade, L 70 mm, with dental fitting, for Titanium microscrews (4013/15/18-xx)
4213-21	Screwdriver blade, L 30 mm, with dental fitting, for Titanium microscrews (4013/15/18-xx)
New **4210-10**	Pilot drill, Ø 0.8 mm, L 10 mm, TL 25 mm, with dental fitting, for INOX microscrews (4510-xx)
New **4210-14**	Pilot drill, Ø 0.8 mm, L 14 mm, TL 33 mm, with dental fitting, for INOX microscrews (4510-xx)
New **4212-10**	Pilot drill, Ø 1.0 mm, L 10 mm, TL 25 mm, with dental fitting, for INOX microscrews (4512-xx)
New **4212-14**	Pilot drill, Ø 1.0 mm, L 14 mm, TL 33 mm, with dental fitting, for INOX microscrews (4512-xx)
New **4210-30**	Screwdriver blade, L 70 mm, with dental fitting, for INOX microscrews (4510/12-xx)
New **4210-31**	Screwdriver blade, L 30 mm, with dental fitting, for INOX microscrews (4510/12-xx)
New **4212-08**	Pilot drill, Ø 1.0 mm, L 8 mm, TL 23 mm, with dental fitting, for INOX Tenting-Screws (4712-xxxx)
New **4213-30**	Screwdriver blade, L 70 mm, with dental fitting, for INOX Tenting-Screws (4712-xxxx)
New **4213-31**	Screwdriver blade, L 30 mm, with dental fitting, for INOX Tenting-Screws (4712-xxxx)

Titanium microscrews

Art. No.	Ø	Length	Pack size
4010-05	1.0 mm	5 mm	Pack of 5
4010-07	1.0 mm	7 mm	Pack of 5
4010-09	1.0 mm	9 mm	Pack of 5
4013-05	1.3 mm	5 mm	Pack of 5
4013-07	1.3 mm	7 mm	Pack of 5
4013-09	1.3 mm	9 mm	Pack of 5
4013-11	1.3 mm	11 mm	Pack of 5
4013-13	1.3 mm	13 mm	Pack of 5
4013-15	1.3 mm	15 mm	Pack of 5
4015-05	1.5 mm	5 mm	Pack of 5
4015-07	1.5 mm	7 mm	Pack of 5
4015-09	1.5 mm	9 mm	Pack of 5
4015-11	1.5 mm	11 mm	Pack of 5
4015-13	1.5 mm	13 mm	Pack of 5
4015-15	1.5 mm	15 mm	Pack of 5
4018-05	1.8 mm	5 mm	Pack of 5
4018-07	1.8 mm	7 mm	Pack of 5
4018-09	1.8 mm	9 mm	Pack of 5
4018-11	1.8 mm	11 mm	Pack of 5
4018-13	1.8 mm	13 mm	Pack of 5
4018-15	1.8 mm	15 mm	Pack of 5

Titanium pins without threads

Art. No.	Shank Ø	Length	Pack size
4901-03	0.6 mm	3 mm	Pack of 15
4901-05	0.6 mm	5 mm	Pack of 15

Titanium pins with threads

Art. No.	Shank Ø	Length	Pack size
4901-13	0.54 mm	3 mm	Pack of 10
4901-15	0.54 mm	5 mm	Pack of 10

New INOX microscrews (stainless steel)

Art. No.	Ø	Length	Pack size
4510-04	1.0 mm	4 mm	Pack of 3
4510-06	1.0 mm	6 mm	Pack of 3
4510-08	1.0 mm	8 mm	Pack of 3
4510-10	1.0 mm	10 mm	Pack of 3
4510-12	1.0 mm	12 mm	Pack of 3
4510-14	1.0 mm	14 mm	Pack of 3
4512-04	1.2 mm	4 mm	Pack of 3
4512-06	1.2 mm	6 mm	Pack of 3
4512-08	1.2 mm	8 mm	Pack of 3
4512-10	1.2 mm	10 mm	Pack of 3
4512-12	1.2 mm	12 mm	Pack of 3
4512-14	1.2 mm	14 mm	Pack of 3

New INOX Tenting-Screws (stainless steel), Ø 1.2 mm

Art. No.	Head Ø	Length	Pack size
4712-04-08	4.0 mm	8 mm	Pack of 2
4712-04-10	4.0 mm	10 mm	Pack of 2
4712-04-12	4.0 mm	12 mm	Pack of 2
4712-06-08	6.0 mm	8 mm	Pack of 2
4712-06-10	6.0 mm	10 mm	Pack of 2
4712-06-12	6.0 mm	12 mm	Pack of 2

New Titanium solid-pins

Art. No.	Shank Ø	Length	Pack size
4911-03	0.95 mm	3.15 mm	Pack of 10

New Titanium solid-pins HEX HEAD

Art. No.	Shank Ø	Length	Pack size
4911-13	0.95 mm	3.65 mm	Pack of 10

Accessories

Art. No.	Article
4903-00 FBC	Pinbox (empty), for 15 pins
4400-55	Cube (empty), lid included

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