

dev-os

The complete solution for bone fixation
and membrane stabilization

A new modular design for high flexibility and easy adaptation to

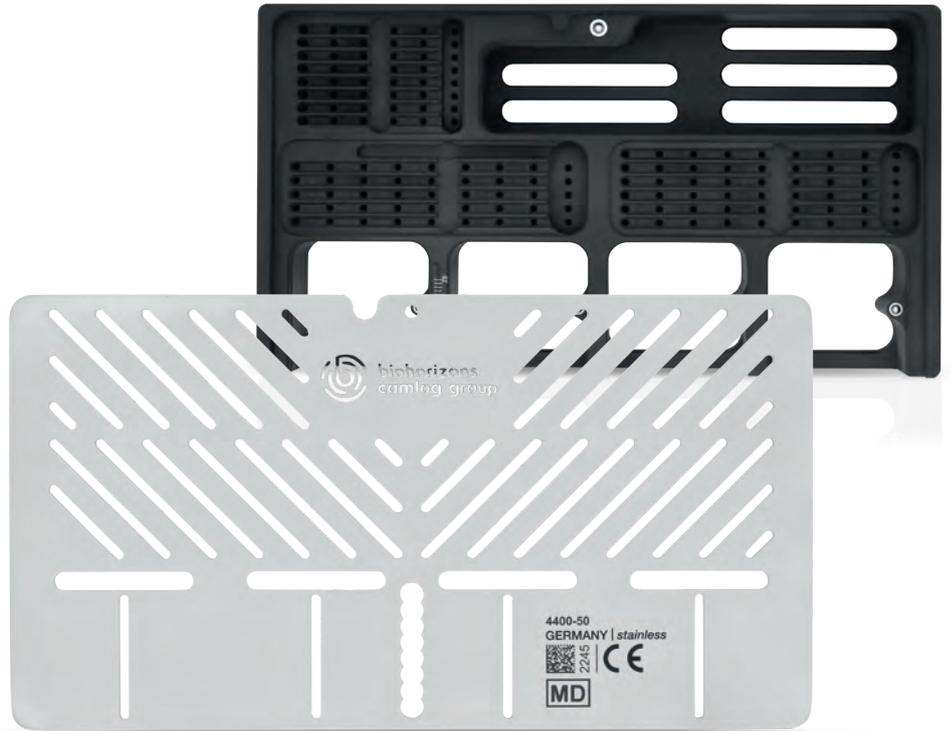
Build the system that better covers your specific needs

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 box 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
Empty Toolbox with cover. Dimensions: 175 x 95 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 Titanium Pins (4901-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



4410-70
Inlay for Titanium Pins



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

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



4902-20
Pin applicator, L 50 mm, 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)

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**



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

Pin applicators

- For easy pick-up and placement of pins
- Straight or Curved design
- 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.



4902-80F
Pin punch, L 170 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



Demo-Video dev-os System:
<https://www.biohorizonscamlog.nl/devos-system>

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 trans-

mission 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



Titanium microscrews, Ø 1.3 mm

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



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

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



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

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



Screwdriver blades, for microscrews, Ø 1.0 mm

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



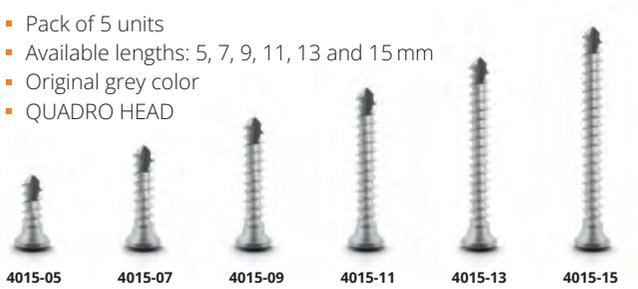
Screwdriver blades, for microscrews, Ø 1.3, 1.5 and 1.8 mm

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



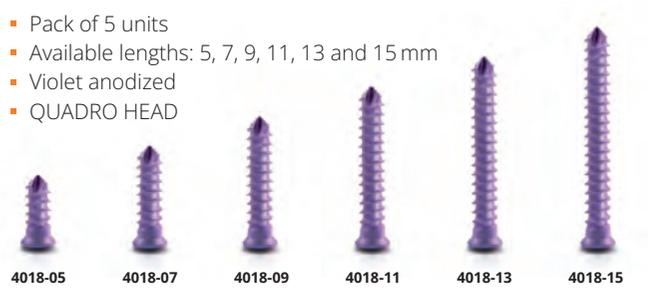
Titanium microscrews, Ø 1.5 mm

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



Titanium microscrews, Ø 1.8 mm

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



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

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



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

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



Titanium pins

Fixation pins for meshes and membranes

The Titanium pins are available in two lengths (3 mm and 5 mm), with or without threads. Threaded pins with hex head (4901-13 and 4901-15) can be easily removed using the drivers 4902-50 or 4902-55.

Titanium pins without threads

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



HEX HEAD Titanium pins with threads

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



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).



4400-55
Cube (empty), lid included

Ordering Information

dev-os System

Toolbox, pinbox, and cube

Art. No.	Article
4400-50	Toolbox with cover (empty), 175 × 95 mm
4410-10	Inlay for Titanium microscrews (4010/13-xx)
4410-15	Inlay for Titanium microscrews (4015/18-xx)
4410-70	Inlay for Titanium pins (4901-xx)
4903-00FBC	Pinbox (empty), for 15 pins
4400-55	Cube (empty), lid included



Instruments

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
4902-50	Hand driver for removing titanium pins (4901-13 and 4901-15)
4902-00F	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
4902-80F	Pin punch, L 170 mm
860-20F	Mallet, L 165 mm, 125 g
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)



Titanium microscrews (Ø 1.0 and 1.3 mm)

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



Titanium microscrews (Ø 1.5 and 1.8 mm)

Art. No.	Ø	Length	Pack size
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.-Nr.	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



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