

# Bone-Fixation-Set and Pin-Set

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Innovations made by USTOMED





Skilled and experienced surgical mechanics create top-quality instruments

# MADE BY HAND

# Technical Competence with a long Family Tradition

Using selected raw materials and highly advanced machinery

## FOR USE BY HAND

Quality that you can see and feel

Many different instruments developed in close collaboration with internationally renowned universities and opinion leaders



Member of the German Dental Manufacturers (VDDI)



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# 01

# USTOMED Bone-Fixation-Set

#### Ustomed Bone-Fixation-Set

For the fixation of bone grafts.

(developed by Dr. Jan Kielhorn, Öhringen/Germany, in cooperation with USTOMED INSTRUMENTE, Tuttlingen/Germany)

This very compact and universally applicable set has been specially designed to meet all the requirements of advanced implantology.





#### Box

- Sophisticated and functional storage box made of a novel, hardwearing plastic material invented in the aerospace sector
- Clearly structured design
- Removable ruler for exact measurement of screw length and augmentate
- For all established thermodesinfection and autoclaving procedures
- thus complying with the latest guidelines of the Robert Koch-Institute/Germany





#### Screwdriver

- Optimal handle length perfect for any hand size
- Highly ergonomic handle prevents fatigue in the user's hand
- Easy and self-locating screw pick-up



Foto: Dr. Jan Kielhorn



Foto: Dr. Stephan Beuer, M.Sc.



Ø 1,0mm Implant-Steel

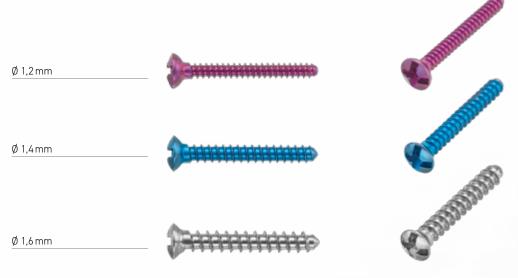
# Innovative Geometry of the Micro Screws

- Precision-milled, cross-recessed screw head
- Patented, self-adaptive screwdriver bit
- Fast and easy pick-up of the self-retaining screws
- Superior friction between the blade and the screw head – no socket rounding
- Significantly easier removal of tissue particles from the cross recess (compared with square socket)



#### Titanium Micro Screws

- Diameters: 1,2 mm / 1,4 mm / 1,6 mm
- Lengths: 6 mm / 8 mm / 11 mm / 13 mm



highly enlarged illustrations

#### Micro Screws made from a new-type Implant Steel Alloy

- Diameters: 1,0 mm
- Lengths: 8 mm / 11 mm / 13 mm
- Ideal for very small bone fragments and 3D augmentation
- The special implant steel alloy prevents osseointegration, thus reducing the fracture risk during screw removal (compared with conventional titanium screws)

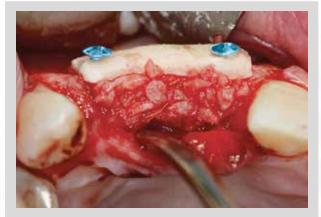


Ø 1,0 mm

highly enlarged illustrations

#### Example for application

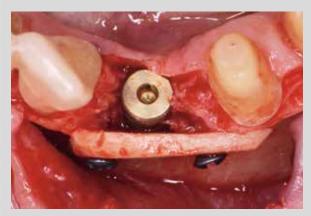
The pictures are provided with kind permission of Dr. Stephan Beuer, M. Sc. (Oral surgeon – Landshut/Germany)



Picture: Dr. Jan Kielhorn



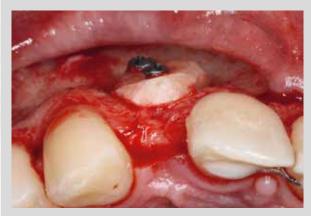
Picture: Dr. Jan Kielhorn



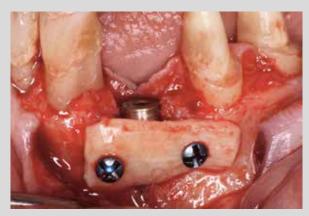
Picture: Dr. Stephan Beuer, M. Sc.



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#### Order Form

Order Number	Description	Quantity
68-780-016	Titan-Bone-Fixation-Set, consisting of:	[ ]
68-720-002	Box for Micro-Screws Ø 1,0 mm – 1,6 mm	[ ]
68-740-002	Screwdriver, 11 cm	[ ]
68-760-102	Selfretaining Blade, cross, 60 mm, Ø 1,0 mm – 1,6 mm	[ ]
-	1 x Package Titan-Screws of your choice 1 x Pilot Drill Ø 1,0 mm or Ø 1,2 mm or Ø 1,4 mm	>> please check on next page >> depending upon chosen screws
68-780-010	Implant-Steel-Bone-Fixation-Set, consisting of:	[ ]
68-720-002	Box for Micro-Screws Ø 1,0 mm – 1,6 mm	[ ]
68-740-002	Screwdriver, 11 cm	[ ]
68-760-102	Selfretaining Blade, cross, 60mm, Ø 1,0mm – 1,6mm	[ ]
-	1 x Package Implant-Steel-Screws of your choice	e >> please check below
-	1 x Pilot Drill Ø 0,8 mm	
	Implant Steel Alloy – Package of 10 pieces	
68-110-008 S	Micro-Screws, Cross, $\emptyset$ 1,0 mm, 8 mm, Implant Steel Alloy	[ ]
68-110-011 S	Micro-Screws, Cross, Ø 1,0 mm, 11 mm, Implant Steel Alloy	[ ]
68-110-013 S	Micro-Screws, Cross, Ø 1,0 mm, 13 mm, Implant Steel Alloy	[ ]

#### Order Form

Order Number	Description	Quantity
	Titan – Package of 10 pieces	
68-112-006	Micro-Screws, Cross, Ø 1,2mm,6mm	[ ]
68-112-008	Micro-Screws, Cross, Ø 1,2mm,8mm	[ ]
68-112-011	Micro-Screws, Cross, Ø 1,2 mm, 11 mm	[ ]
68-112-013	Micro-Screws, Cross, Ø 1,2mm, 13mm	[ ]
68-114-006	Micro-Screws, Cross, Ø 1,4mm,6mm	[ ]
68-114-008	Micro-Screws, Cross, Ø 1,4mm,8mm	[ ]
68-114-011	Micro-Screws, Cross, Ø 1,4mm, 11 mm	[ ]
68-114-013	Micro-Screws, Cross, Ø 1,4mm, 13mm	[ ]
68-116-006	Micro-Screws, Cross, Ø 1,6 mm, 6 mm	[ ]
68-116-008	Micro-Screws, Cross, Ø 1,6 mm, 8 mm	[ ]
68-116-011	Micro-Screws, Cross, Ø 1,6 mm, 11 mm	[ ]
68-116-013	Micro-Screws, Cross, Ø 1,6 mm, 13 mm	[ ]
	Blades	
68-760-102	Selfretaining Blade, cross, 60 mm, Ø 1,0 mm – 1,6 mm	[ ]
68-760-106	Selfretaining Blade, cross, 17 mm, $\emptyset$ 1,0 mm – 1,6 mm, for contra angle handpiece	[ ]
	Pilotdrill	
68-508-014	Pilotdrill, $\emptyset$ 0,8 mm, 14 mm, for $\emptyset$ 1,0 mm Screws, with depth marking	[ ]
68-510-014	Pilotdrill, $\emptyset$ 1,0 mm, 14 mm, for $\emptyset$ 1,2 mm Screws, with depth marking	[ ]
68-512-014	Pilotdrill, $\emptyset$ 1,2 mm, 14 mm, for $\emptyset$ 1,4 mm Screws, with depth marking	[ ]
68-514-014	Pilotdrill, $\emptyset$ 1,4 mm, 14 mm, for $\emptyset$ 1,6 mm Screws, with depth marking	[ ]
68-516-014	Pilotdrill, $\emptyset$ 1,6 mm, 14 mm, for $\emptyset$ 1,6 mm Screws, with depth marking	[ ]
	Accessories	
68-720-002	Box for Micro-Screws Ø 1,0mm – 1,6mm	[ ]
68-740-002	Screwdriver, 11 cm	[ ]
68-860-008	Micro-Titanium-Plates, 0,6 mm, 8 holes	[ ]
68-860-012	Micro-Titanium-Plates, 0,6 mm, 12 holes	[ ]

# USTOMED Titan-Pin-Set







#### Titan-Pins

- Available in 3 mm length

#### **Applicator**

- One-piece Instrument for easy pin pick-up
- No torsion during the application
- Convenient handle ensures ergonomic and effortless working

#### Box

- Functional design
- Easy to open due to one-hand operation
- Storage for 15 pins

## Titan-Pin-Set



### Order Form

Order Number	Description	Quantity
68-780-018	Titan-Pin-Set, consisting of:	[ ]
68-720-008	Box for Titan-Pins	
68-650-000	Titan-Pin-Applicator, 15,5 cm	
	1xPackage Titan-Pins	
	Titan-Pins – Package of 10 pieces	
68-620-003	Titan-Pins, 3 mm	[ ]



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