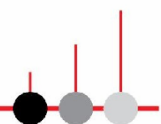
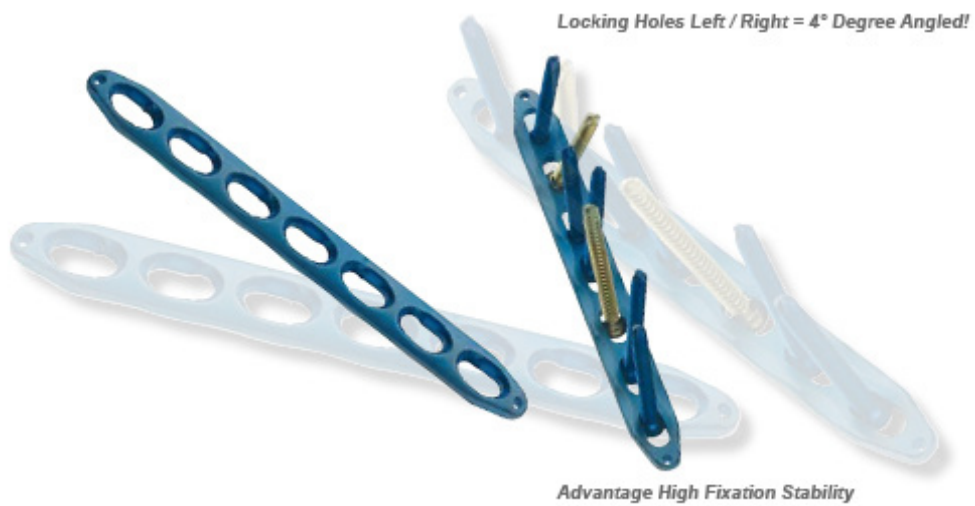


## TITANIUM FUSION

### LOCKING PLATE SYSTEM LARGE FRAGMENT



## **INSTRUCTIONS FOR USE 4.(GB)**

**Warning: The implants described may only be used in combination with DIGI-MED products!**

### **OSTEOSYNTHESIS – TITANIUM IMPLANTS**

(Bone: Plates / Screws / Pins / Wires / Staples ) non-sterile

#### **IMPLANT MATERIAL:**

Implants made from titanium in accordance with ISO 5832-2 unalloyed Titanium; ISO 5832 – 3 Ti6Al4V alloy ; ISO 5832 – 11

Ti6Al7Ni alloy manufactured by DIGI-MED. The surface of these implants is chemically passive: not magnetic. These implants can be combined with the standardised material provided that its composition lies within the analysis stipulated in the ISO 5832- 2 / ISO 5832-3 / ISO 5832-11 standard and the required specifications. The material wrought unalloyed titanium and alloyed titanium, is biocompatible and prevents a so-called chrome-nickel allergy by its nature

#### **We would point out that implants only function correctly if the following basic rules are observed:**

When selecting implants (bone: plates / screws / pins wires / clips), care must be taken to choose the appropriate implants on the basis of the weight and level of activity of the patient, and the bone fracture to be treated.

Note that by making the correct choice of biomechanics the forces to be transferred by the implants remain low.

Extreme deformation of the implants must be avoided; the cautious bending of wires, plates and pins does not, however, lead to implant damage provided it is done with sufficient care.

Repeated deformation should be avoided at all costs as it will fatigue the implant material.

The re-use of implants is absolutely forbidden (single use).

We strongly advise you to inform patients of the advantages and disadvantages of implants.

Excessive strain as a result of body weight and the level of activity of the patient should be avoided due to the limited strength of the implants. Failure to observe these precautionary measures can have serious consequences for the healing process.

#### **INDICATIONS**

These relate to the current practice of applications of implants in osteosynthesis (e.g. see literature AO/ASIF Instruments and Implants Texhammer\*Colton ISBN 3-540-56895-6 / ISBN 0-387-56895-6).

#### **CONTRAINDICATIONS**

Acute and chronic infections; muscle, nerve or vascular diseases that endanger the affected extremity; a lack of bony tissue or poor bone quality (e.g. severe osteoporosis); local bone tumours. Systemic diseases and metabolic disorders; infections and falls; drug dependence; obesity; highly physical activities together with activities involving extreme vibrations which can lead to overstraining of the implants.

#### **NOTES**

The user should record and keep all information provided to the patient. It should be checked before use whether the patient tolerates the material to be implanted. The implants described in these instructions for use may only be used (implanted) by surgeons with the appropriate experience.

#### **POSSIBLE NEGATIVE EFFECTS (RISKS)**

Failure of the fracture to heal, allergy to the material, failure of the product (break, bending), bone deformation and refracture, infection.

#### **REMOVAL OF IMPLANTS**

The implants are normally removed once the fracture has healed.

#### **CLEANING AND STERILISATION OF UNSTERILE IMPLANTS**

Before use, the implants must be sterilised using a validated procedure (autoclaved).

#### **VALIDATED PROCEDURES**

STERILISER: Steam autoclave: Temperature = 121° to 123° Celsius; Pressure = 1 – 1.2 bar (15 to 17 psi) with an exposure time of at least 30 minutes in the packaged state.

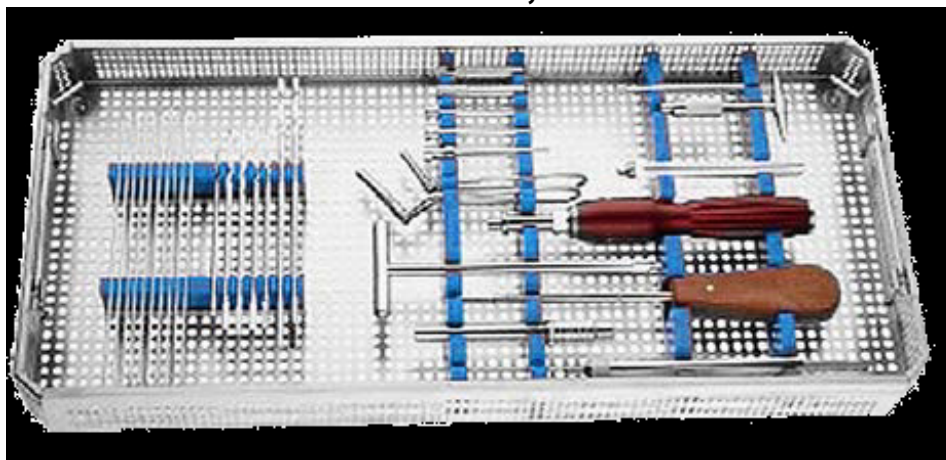
STERILISER: Autoclave with prevacuum: During the prevacuum phase the air is extracted from the chamber before the steam flows in. Standard circulation for packaged objects: 132° to 135° Celsius; Pressure = 2 – 3 bar (27 to 30 psi) with an exposure time of at least 4 to 10 minutes.

#### **IMPORTANT NOTES:**

**Every time the implants are used or sterilised you must first check that they function perfectly!**

In the event of failure to observe these instructions or demonstrable violation, no guarantee or compensation for damages can be provided.

## SET-LO-0010-024 FUSION-LOCK LARGE FRAGMENT BASIC INSTRUMENT SET, 5.0MM SYSTEM FUSION



### SET - LISTING - CONTENT FOR SET : SET-LO-0010-024

TRAY-LO-0010-024 Tray Fusion-Lock Large Fragment Basic Instrument SET-LO-0010-024 ( Graphic Case Steel )

### INDEX: SET -LO-0010-024 SET- LISTING – CONTENT: INSTRUMENTS

Order Number	PRODUCT-DESCRIPTION	PCS .:
TRAY-LO-0010-024	TRAY-LO-0010-024 Tray Fusion-Lock Large Fragment Basic Instrument SET-LO-0010-024 (Graphic Case)	-1-
86-0210-031	Drill bit – AO shaft Ø3.2mm x length 145mm / 120mm	-2-
86-0210-044	Drill bit – AO shaft Ø4.5mm x length 145mm / 120mm	-2-
86-0210-099	Countersink Ø4.5mm with T-handle and tip	-1-
86-0211-046	Tap AO shaft Ø4.5mm with cortical pitch 1.75mm used for Ø4.5mm cortical screws	-1-
86-0212-032	Insert drill sleeve Ø4.5mm / Ø3.2mm	-1-
86-0211-044	T-handle small with AO – quick coupling	-1-
86-0212-026	Tap sleeve Ø3.2mm, also use as Ø3.2mm drill guide	-1-
86-0214-015	Large hex. screw driver – AO shaft standard ( hex. flats 3.5mm ) used for Ø4.5mm / Ø6.5mm screws	-1-
86-0368-035	Large hexagonal screw driver used for self-holding sleeve REF. 86-0390-062	-1-
86-0390-062	Coupling self – holding sleeve for screw driver REF. 86-0368-035	-1-
86-0212-045	Tap sleeve Ø4.5mm	-1-
86-0219-006	Depth gauge large, extra long for measurement 120mm used for Ø4.5mm and Ø6.5mm screws	-1-
87-0140-100	FUSION K-wire Ø2.0mm x length 190mm	-10-
87-0130-020	FUSION Drill bit AO shaft Ø4.3mm x length 195mm, calibrated used for 5.0mm locking plate system	-2-
87-0140-020	FUSION Threaded drill guide Ø4.3mm for used drill bit Ø4.3mm REF. 87-0130-020	-2-
87-0140-060	FUSION Centring sleeve Ø2.0mm for used K-wire Ø2.0mm x length 190mm REF. 87-0140-100	-2-
87-0140-080	FUSION Direct measuring device for used K-wire Ø2.0mm x length 190mm REF. 87-0140-100	-1-
86-0150-025	Torque limited drive 2.5mm with AO quick coupling	-1-



### Order Number STERILIZATION CONTAINER

99-110-135 1/1 Size container, bottom non perforated outside 580 x 280 x 135mm / inside 550 x 265 x 115mm

**RECOMMENDED STERILIZATION CONTAINER FOR SET-011-0010-024**



- 86-0210-031 Drill bit – AO shaft Ø3.2mm x length 145mm / 120mm  
86-0210-044 Drill bit – AO shaft Ø4.5mm x length 145mm / 120mm



- 86-0210-099 Countersink Ø4.5mm with T-handle and tip



- 86-0211-046 Tap AO shaft Ø4.5mm with cortical pitch 1.75mm used for Ø4.5mm cortical screws



- 86-0212-032 Insert drill sleeve Ø4.5mm / Ø3.2mm



- 86-0210-096 Malleolar countersink Ø3.2mm



86-0211-044 T-handle small with AO - quick coupling



86-0212-026 Tap sleeve Ø3.2mm, also use as Ø3.2mm drill guide



86-0214-015 Large hex. screw driver – AO shaft standard ( hex. flats 3.5mm )  
used for Ø4.5mm / Ø6.5mm screws



86-0368-035 Large hexagonal screw driver used for self-holding sleeve REF. 009-0390-062



86-0390-062 Coupling self - holding sleeve for screw driver REF. 009-0368-035



86-0212-045 Tap sleeve Ø4.5mm



86-0212-047 Pointed drill guide



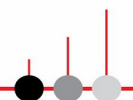
86-0221-004 Drill Sleeve for round hole plates Ø3.2mm



86-0222-029 Drill Guide for Ø6.5mm / 3.5mm used for 6.5mm screws and Ø3.5mm drill bit



86-0013-010 Screws forceps



86-0211-066 Tap - AO shaft Ø6.5mm with cancellous pitch 2.75mm



86-0219-006 Depth gauge large, extra long for measurement 120mm used for Ø4.5mm and Ø6.5mm screws



87-0140-100 FUSION K-wire Ø2.0mm x length 190mm



87-0130-020 FUSION Drill bit AO shaft Ø4.3mm x length 195mm, calibrated used for 5.0mm locking plate system



87-0140-020 FUSION Threaded drill guide Ø4.3mm for used drill bit Ø4.3mm REF. 87-0130-020



87-0140-060 FUSION Centring sleeve Ø2.0mm for used K-wire Ø2.0mm x length 190mm REF. 87-0140-100



87-0140-080 FUSION Direct measuring device for used K-wire Ø2.0mm x length 190mm  
REF. 87-0140-100



86-0219-039 Sharp hook, length 155mm

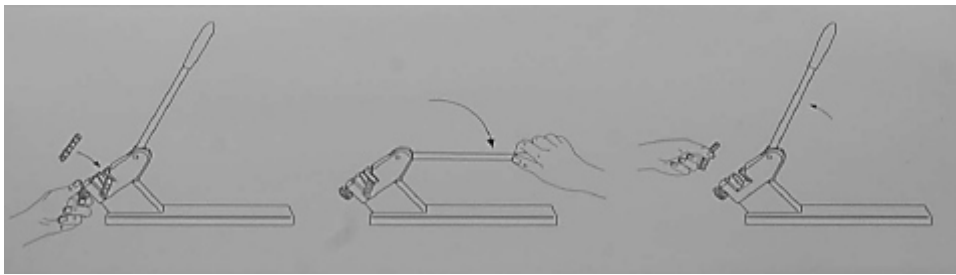
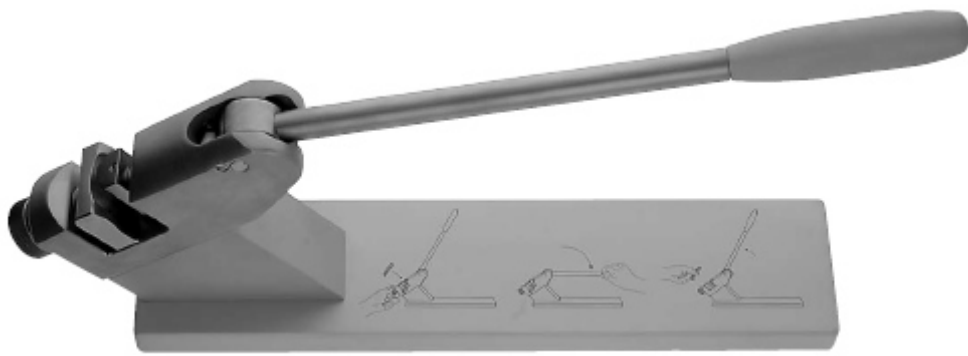


86-0150-025 Torque limited drive 2.5mm with AO quick coupling



86-0229-002 Large bending iron for standard plates 4.5mm

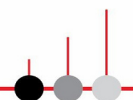




86-0229-030 Plate bending press



86-0229-015 Bending pliers



## TITANIUM FUSION - LOCK DIA. 5.0MM LOCKING SCREW IMPLANTS

### **Product - Description:**

Titanium Locking Screw, Fullthreaded Ø 5.0mm, self-tapping

### **Important Technical Dimensions:**

Head Diameter Ø8.0mm

Hexalobe Socket width 3.5mm

Head Thread M7 / Pitch 1.0mm

Core Diameter for cortical Thread Ø 4.3mm

Thread Pitch 1.0mm

Applicable Drill Bit for Thread Hole Ø 4.3mm, Length 195mm calibrated

**Note: Tapping is not applicable for this screw!**

Material: Titanium

### **Order Number**

87-0030-014ST

87-0030-016ST

87-0030-018ST

87-0030-020ST

87-0030-022ST

87-0030-024ST

87-0030-026ST

87-0030-028ST

87-0030-030ST

87-0030-032ST

87-0030-034ST

87-0030-036ST

87-0030-038ST

87-0030-040ST

87-0030-042ST

87-0030-044ST

87-0030-046ST

87-0030-048ST

87-0030-050ST

87-0030-055ST

87-0030-060ST

87-0030-065ST

87-0030-070ST

87-0030-075ST

87-0030-080ST

87-0030-085ST

87-0030-090ST

87-0030-095ST

87-0030-100ST

### **Diameter and complete Length**

Ø 5.0 mm x length 14mm

Ø 5.0 mm x length 16mm

Ø 5.0 mm x length 18mm

Ø 5.0 mm x length 20mm

Ø 5.0 mm x length 22mm

Ø 5.0 mm x length 24mm

Ø 5.0 mm x length 26mm

Ø 5.0 mm x length 28mm

Ø 5.0 mm x length 30mm

Ø 5.0 mm x length 32mm

Ø 5.0 mm x length 34mm

Ø 5.0 mm x length 36mm

Ø 5.0 mm x length 38mm

Ø 5.0 mm x length 40mm

Ø 5.0 mm x length 42mm

Ø 5.0 mm x length 44mm

Ø 5.0 mm x length 46mm

Ø 5.0 mm x length 48mm

Ø 5.0 mm x length 50mm

Ø 5.0 mm x length 55mm

Ø 5.0 mm x length 60mm

Ø 5.0 mm x length 65mm

Ø 5.0 mm x length 70mm

Ø 5.0 mm x length 75mm

Ø 5.0 mm x length 80mm

Ø 5.0 mm x length 85mm

Ø 5.0 mm x length 90mm

Ø 5.0 mm x length 95mm

Ø 5.0 mm x length 100mm



**Product – Description:**

Titanium Distance Bolt

**Important Technical Dimensions:**

Head Diameter Ø8.0mm

Hexalobe Socket width 3.5mm

Head Thread M7 / Pitch 1.0mm

Material: Titanium

**Order Number**

87-0060-010

**Diameter and complete Length**

Titanium Distance Bolt Ø 5.0MM



**Product – Description:**

Titanium Washer used for Standard titanium Screws Ø 4.5mm / Ø 6.5mm

Material : Titanium

**Order Number**

85-0019-013T

**Diameter and complete Length**

Titanium Washer Ø 13.0MM



## TITANIUM STANDARD CORTICAL SCREWS DIA. 4.5MM CORTICAL SCREW IMPLANTS

### **Product - Description:**

Titanium Fullthreaded - Cortical Screws Ø 4.5mm, self-tapping

### **Important Technical Dimensions:**

Head Diameter Ø8.0mm

Hexalobe Socket width 3.5mm

Core Diameter for cortical Thread Ø 3.2mm

Thread Pitch 1.75mm

Applicable Drill Bit for Thread Hole Ø 3.2mm

**Note: Tapping is not applicable for this screw!**

Material: Titanium

<b>Order Number</b>	<b>Diameter and complete Length</b>	<b>Order Number</b>	<b>Diameter and complete Length</b>
85-0008-012ST	Ø 4.5 mm x length 12mm	85-0008-075ST	Ø 4.5 mm x length 75mm
85-0008-014ST	Ø 4.5 mm x length 14mm	85-0008-080ST	Ø 4.5 mm x length 80mm
85-0008-016ST	Ø 4.5 mm x length 16mm	85-0008-085ST	Ø 4.5 mm x length 85mm
85-0008-018ST	Ø 4.5 mm x length 18mm	85-0008-090ST	Ø 4.5 mm x length 90mm
85-0008-020ST	Ø 4.5 mm x length 20mm	85-0008-095ST	Ø 4.5 mm x length 95mm
85-0008-022ST	Ø 4.5 mm x length 22mm	85-0008-100ST	Ø 4.5 mm x length 100mm
85-0008-024ST	Ø 4.5 mm x length 24mm	85-0008-105ST	Ø 4.5 mm x length 105mm
85-0008-026ST	Ø 4.5 mm x length 26mm	85-0008-110ST	Ø 4.5 mm x length 110mm
85-0008-028ST	Ø 4.5 mm x length 28mm	85-0008-115ST	Ø 4.5 mm x length 115mm
85-0008-030ST	Ø 4.5 mm x length 30mm	85-0008-120ST	Ø 4.5 mm x length 120mm
85-0008-032ST	Ø 4.5 mm x length 32mm		
85-0008-034ST	Ø 4.5 mm x length 34mm		
85-0008-036ST	Ø 4.5 mm x length 36mm		
85-0008-038ST	Ø 4.5 mm x length 38mm		
85-0008-040ST	Ø 4.5 mm x length 40mm		
85-0008-042ST	Ø 4.5 mm x length 42mm		
85-0008-044ST	Ø 4.5 mm x length 44mm		
85-0008-046ST	Ø 4.5 mm x length 46mm		
85-0008-048ST	Ø 4.5 mm x length 48mm		
85-0008-050ST	Ø 4.5 mm x length 50mm		
85-0008-052ST	Ø 4.5 mm x length 52mm		
85-0008-054ST	Ø 4.5 mm x length 54mm		
85-0008-056ST	Ø 4.5 mm x length 56mm		
85-0008-058ST	Ø 4.5 mm x length 58mm		
85-0008-060ST	Ø 4.5 mm x length 60mm		
85-0008-062ST	Ø 4.5 mm x length 62mm		
85-0008-064ST	Ø 4.5 mm x length 64mm		
85-0008-065ST	Ø 4.5 mm x length 65mm		
85-0008-070ST	Ø 4.5 mm x length 70mm		

# SET-LO-0010-025 TITANIUM FUSION-LOCK

## LARGE FRAGMENT SCREW SET, 5.0MM SYSTEM



TRAY-LO-0010-025 Tray Titanium Fusion-Lock Large Fragment Screw SET-LO-0010-025 ( Graphic Case Steel)  
 INDEX : SET -LO-0010-025 SET- LISTING - CONTENT : SCREWS / WASHER / DISTANCE BOLTS /  
 SCREW FORCEPS

LISTING-CONTENT : CATALOGUE PAGE 12 UP TO 13

Order Number	PRODUCT-DESCRIPTION	PCS .:
TRAY-LO-0010-025	TRAY-LO-0010-025 Tray Fusion-Lock Large Fragment Screw SET-LO-0010-025 (Graphic Case)	-1-
<b>Order Number</b>	<b>Titanium Locking Screw, Fullthreaded Ø 5.0mm, self-tapping</b>	
87-0030-014ST	Locking screw Ø 5.0 mm x length 14mm	-5-
87-0030-016ST	Locking screw Ø 5.0 mm x length 16mm	-5-
87-0030-018ST	Locking screw Ø 5.0 mm x length 18mm	-5-
87-0030-020ST	Locking screw Ø 5.0 mm x length 20mm	-5-
87-0030-022ST	Locking screw Ø 5.0 mm x length 22mm	-5-
87-0030-024ST	Locking screw Ø 5.0 mm x length 24mm	-5-
87-0030-026ST	Locking screw Ø 5.0 mm x length 26mm	-5-
87-0030-028ST	Locking screw Ø 5.0 mm x length 28mm	-5-
87-0030-030ST	Locking screw Ø 5.0 mm x length 30mm	-5-
87-0030-032ST	Locking screw Ø 5.0 mm x length 32mm	-5-
87-0030-034ST	Locking screw Ø 5.0 mm x length 34mm	-5-
87-0030-036ST	Locking screw Ø 5.0 mm x length 36mm	-5-
87-0030-038ST	Locking screw Ø 5.0 mm x length 38mm	-5-
87-0030-040ST	Locking screw Ø 5.0 mm x length 40mm	-5-
87-0030-042ST	Locking screw Ø 5.0 mm x length 42mm	-5-
87-0030-044ST	Locking screw Ø 5.0 mm x length 44mm	-5-
87-0030-046ST	Locking screw Ø 5.0 mm x length 46mm	-5-
87-0030-048ST	Locking screw Ø 5.0 mm x length 48mm	-5-
87-0030-050ST	Locking screw Ø 5.0 mm x length 50mm	-5-
87-0030-055ST	Locking screw Ø 5.0 mm x length 55mm	-5-
87-0030-060ST	Locking screw Ø 5.0 mm x length 60mm	-5-
87-0030-065ST	Locking screw Ø 5.0 mm x length 65mm	-5-
87-0030-070ST	Locking screw Ø 5.0 mm x length 70mm	-5-
87-0030-075ST	Locking screw Ø 5.0 mm x length 75mm	-5-
87-0030-080ST	Locking screw Ø 5.0 mm x length 80mm	-5-
87-0030-085ST	Locking screw Ø 5.0 mm x length 85mm	-5-
87-0030-090ST	Locking screw Ø 5.0 mm x length 90mm	-5-
<b>Order Number</b>		
87-0060-010	Titanium Distance Bolt Ø 5.0MM	-10-
85-0019-013T	Titanium Washer Ø 13.0MM	-6-

# SET-011-0010-025 TITANIUM FUSION-LOCK

## LARGE FRAGMENT SCREW SET, 5.0MM SYSTEM

TRAY-LO-0010-025 Tray Titanium Fusion-Lock Large Fragment Screw SET-LO-0010-025 ( Graphic Case Steel )

INDEX : SET -LO-0010-025 SET- LISTING - CONTENT : SCREWS / WASHER / DISTANCE BOLTS / SCREW FORCEPS

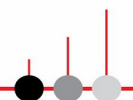
LISTING-CONTENT : CATALOGUE PAGE 12 UP TO 13

Order Number	PRODUCT-DESCRIPTION	PCS .:
<b>Titanium Standard Cortical Screws, Fullthreaded Ø 4.5mm, self-tapping</b>		
85-0008-014ST	Cortical screw Ø 4.5 mm x length 14mm	-6-
85-0008-016ST	Cortical screw Ø 4.5 mm x length 16mm	-6-
85-0008-018ST	Cortical screw Ø 4.5 mm x length 18mm	-6-
85-0008-020ST	Cortical screw Ø 4.5 mm x length 20mm	-6-
85-0008-022ST	Cortical screw Ø 4.5 mm x length 22mm	-6-
85-0008-024ST	Cortical screw Ø 4.5 mm x length 24mm	-6-
85-0008-026ST	Cortical screw Ø 4.5 mm x length 26mm	-7-
85-0008-028ST	Cortical screw Ø 4.5 mm x length 28mm	-7-
85-0008-030ST	Cortical screw Ø 4.5 mm x length 30mm	-14-
85-0008-032ST	Cortical screw Ø 4.5 mm x length 32mm	-14-
85-0008-034ST	Cortical screw Ø 4.5 mm x length 34mm	-14-
85-0008-036ST	Cortical screw Ø 4.5 mm x length 36mm	-14-
85-0008-038ST	Cortical screw Ø 4.5 mm x length 38mm	-7-
85-0008-040ST	Cortical screw Ø 4.5 mm x length 40mm	-14-
85-0008-042ST	Cortical screw Ø 4.5 mm x length 42mm	-7-
85-0008-044ST	Cortical screw Ø 4.5 mm x length 44mm	-7-
85-0008-046ST	Cortical screw Ø 4.5 mm x length 46mm	-7-
85-0008-048ST	Cortical screw Ø 4.5 mm x length 48mm	-3-
85-0008-052ST	Cortical screw Ø 4.5 mm x length 52mm	-3-
85-0008-056ST	Cortical screw Ø 4.5 mm x length 56mm	-3-
85-0008-060ST	Cortical screw Ø 4.5 mm x length 60mm	-3-
85-0008-065ST	Cortical screw Ø 4.5 mm x length 65mm	-3-
85-0008-070ST	Cortical screw Ø 4.5 mm x length 70mm	-3-
<b>Order Number</b>		
86-0013-010	Screw forceps	-1-



### RECOMMENDED STERILIZATION CONTAINER FOR SET -011-0010-024

Order Number	STERILIZATION CONTAINER
99-310-200	1/2 Size container, bottom non perforated outside 285 x 280 x 200mm / inside 262 x 260x 182mm



## **TITANIUM FUSION LARGE FRAGMENT BROAD PLATES 5.0 MM**

Broad Large Fragment Locking Plates Straight within Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws  
Applicable for Fixation of long Bones, such as Humeral, Tibia and Femur, for periprosthetic Fractures

### **Important technical Dimensions:**

Thickness 5.2 mm  
Broad / Shaft 17.5 mm  
Distance Hole / Shaft 18.0 mm  
Material: Titanium

### **Product Description:**

Titanium Broad Plate 5.0 mm, Straight Combi Hole Low Touch Locking Plate



*Advantage High Fixation Stability, Locking Hole Left / Right = 4° Angled!*

#### **Order Number**

87-0100-152  
87-0100-170  
87-0100-188  
87-0100-206  
87-0100-224  
87-0100-260  
87-0100-306

#### **Complete Length and Holes**

Length 152 mm x Hole 8  
Length 170 mm x Hole 9  
Length 188 mm x Hole 10  
Length 206 mm x Hole 11  
Length 224 mm x Hole 12  
Length 260 mm x Hole 14  
Length 306 mm x Hole 16



## **TITANIUM FUSION LARGE FRAGMENT NARROW PLATES 5.0 MM**

Narrow Large Fragment Locking Plates Straight within Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws  
Applicable for Fixation of long Bones, such as Humeral, Tibia and Femur, for periprosthetic Fractures

### **Important technical Dimensions:**

Thickness 4.3 mm  
Broad / Shaft 13.5 mm  
Distance Hole / Shaft 18.0 mm  
Material: Titanium

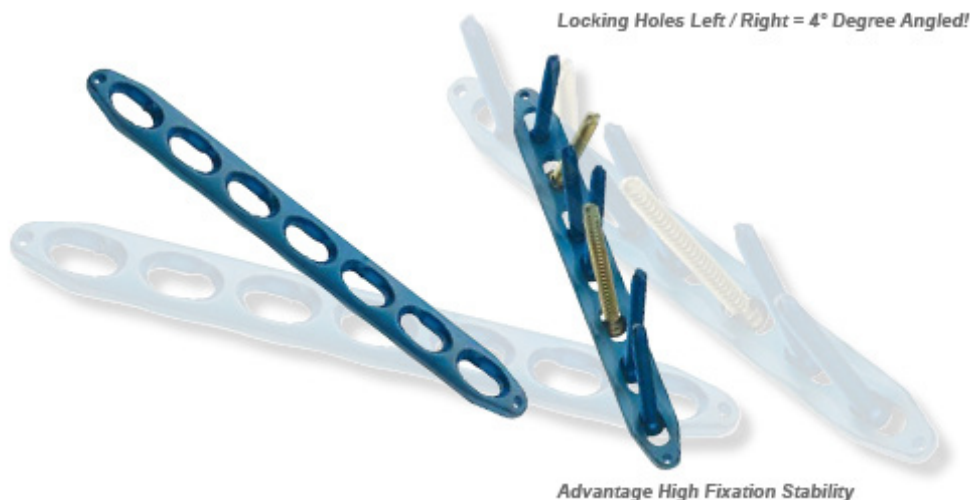
### **Product Description:**

Titanium Narrow Plate 5.0 mm, Straight Combi Hole Low Touch Locking Plate

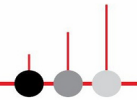


*Advantage High Fixation Stability, Locking Hole Left / Right = 4° Angled!*

<b>Order Number</b>	<b>Complete Length and Holes</b>
87-0101-098	Length 98 mm x Hole 5
87-0101-116	Length 116 mm x Hole 6
87-0101-134	Length 134 mm x Hole 7
87-0101-152	Length 152 mm x Hole 8
87-0101-170	Length 170 mm x Hole 9
87-0101-188	Length 188 mm x Hole 10
87-0101-224	Length 224 mm x Hole 12
87-0101-260	Length 260 mm x Hole 14





**TITANIUM FUSION LARGE FRAGMENT PROXIMAL TIBIA PLATES 5.0 MM**

Proximal Tibia Large Fragment Locking Plates without Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws  
Applicable for Fixation of the Tibia lateral wedge, depression, bicondylar and fractures with associated Shaft Fractures.

**Important technical Dimensions:**

Thickness 2.9 mm  
Broad / Shaft 14.7 mm  
Distance Hole / Shaft 15.0mm  
Material: Titanium

**Product Description:**

Titanium Proximal Tibia Plate 5.0mm, without Combi Hole Locking Plate

**Order Number  
RIGHT PLATES**

87-0102-004  
87-0102-006  
87-0102-008  
87-0102-010

**Complete Length and Holes**

Length 101 mm x 4 Hole RIGHT  
Length 131 mm x 6 Hole RIGHT  
Length 161 mm x 8 Hole RIGHT  
Length 191 mm x 10 Hole RIGHT

**Order Number  
LEFT PLATES**

87-0103-004  
87-0103-006  
87-0103-008  
87-0103-010

**Complete Length and Holes**

Length 101 mm x 4 Hole LEFT  
Length 131 mm x 6 Hole LEFT  
Length 161 mm x 8 Hole LEFT  
Length 191 mm x 10 Hole LEFT

**TITANIUM FUSION LARGE FRAGMENT PROXIMAL TIBIA T-PLATES 5.0 MM**

T-Plate Large Fragment Locking Plates without Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws

Applicable for Fixation of buttress metaphyseal Fractures, proximal Humeral, medial Tibia Plateau and distal Tibia Fractures with associated Shaft fractures.

**Important technical Dimensions:**

Thickness 2.5 mm

Broad / Shaft 16.7 mm

Distance Hole / Shaft 16.0mm

Material: Titanium

**Product Description:**

Titanium Proximal Tibia T-Plate 5.0mm, without Combi Hole Locking Plate

**Order Number**

87-0104-004

87-0104-006

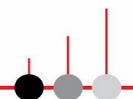
87-0104-008

**Complete Length and Holes**

Length 85 mm x Hole 4

Length 117 mm x Hole 6

Length 149 mm x Hole 8

**TITANIUM FUSION LARGE FRAGMENT DISTAL LATERAL TIBIA PLATES 5.0 MM**

Distal Lateral Tibia Large Fragment Locking Plates without Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws  
Applicable for Fixation of Tibia Fractures with associated Shaft fractures.

**Important technical Dimensions:**

Thickness 3.7 mm  
Broad / Shaft 15.0 mm  
Distance Hole / Shaft 15.0mm  
Material: Titanium

**Product Description:**

Titanium Distal Lateral Tibia Plate 5.0mm, without Combi Hole Locking Plate

**Order Number  
RIGHT PLATES**

87-0105-005  
87-0105-006  
87-0105-008

**Order Number  
LEFT PLATES**

87-0106-005  
87-0106-006  
87-0106-008

**Complete Length and Holes**

Length 121 mm x 5 Hole RIGHT  
Length 136 mm x 6 Hole RIGHT  
Length 166 mm x 8 Hole RIGHT

**Complete Length and Holes**

Length 121 mm x 5 Hole LEFT  
Length 136 mm x 6 Hole LEFT  
Length 166 mm x 8 Hole LEFT

**TITANIUM FUSION LARGE FRAGMENT PROXIMAL LATERAL TIBIA PLATES 5.0 MM**

Proximal Lateral Tibia Large Fragment Locking Plates without Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws Applicable for Fixation for corrective Osteotomy (closed wedge), as well as for lateral Treatment of proximal Fractures of the Tibia

**Important technical Dimensions:**

Thickness 2.9 mm  
Broad / Shaft 16.0 mm  
Distance Hole / Shaft 15.0mm  
Material: Titanium

**Product Description:**

Titanium Proximal Lateral Tibia Plate 5.0mm, without Combi Hole Locking Plate

**Order Number  
RIGHT PLATES**

87-0107-005  
87-0107-007  
87-0107-009  
87-0107-011  
87-0107-013

**Complete Length and Holes**

Length 115 mm x 5 Hole RIGHT  
Length 145 mm x 7 Hole RIGHT  
Length 175 mm x 9 Hole RIGHT  
Length 205 mm x 11 Hole RIGHT  
Length 235 mm x 13 Hole RIGHT

**Order Number  
LEFT PLATES**

87-0108-005  
87-0108-007  
87-0108-009  
87-0108-011  
87-0108-013

**Complete Length and Holes**

Length 115 mm x 5 Hole LEFT  
Length 145 mm x 7 Hole LEFT  
Length 175 mm x 9 Hole LEFT  
Length 205 mm x 11 Hole LEFT  
Length 235 mm x 13 Hole LEFT



## **TITANIUM FUSION LARGE FRAGMENT DISTAL FEMUR BUTTRESS PLATES 5.0 MM**

Distal Femur Buttress Large Fragment Locking Plates without Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws  
Applicable for Fixation for buttressing multifragmental distal Femur Fractures

### **Important technical Dimensions:**

Thickness 5.6 mm  
Broad / Shaft 16.0 mm  
Distance Hole / Shaft 20.0mm  
Material: Titanium

### **Product Description:**

Titanium Distal Femur Buttress Plate 5.0mm, without Combi Hole Locking Plate



#### **Order Number**

#### **RIGHT PLATES**

87-0109-005  
87-0109-007  
87-0109-009  
87-0109-011  
87-0109-013

#### **Order Number**

#### **LEFT PLATES**

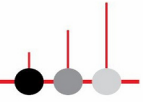
87-0110-005  
87-0110-007  
87-0110-009  
87-0110-011  
87-0110-013

#### **Complete Length and Holes**

Length 159 mm x 5 Hole RIGHT  
Length 199 mm x 7 Hole RIGHT  
Length 239 mm x 9 Hole RIGHT  
Length 279 mm x 11 Hole RIGHT  
Length 319 mm x 13 Hole RIGHT

#### **Complete Length and Holes**

Length 159 mm x 5 Hole LEFT  
Length 199 mm x 7 Hole LEFT  
Length 239 mm x 9 Hole LEFT  
Length 279 mm x 11 Hole LEFT  
Length 319 mm x 13 Hole LEFT



## Notes

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