

Bäramed

Chirurgie - Dental - Veterinär

Instrumente GmbH

72477 Schwenningen

Germany

TITANIUM FUSION

LOCKING PLATE SYSTEM LARGE FRAGMENT



INSTRUCTIONS FOR USE 4.(GB)

Warning: The implants described may only be used in combination with Bäramed 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 Bäramed. 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.

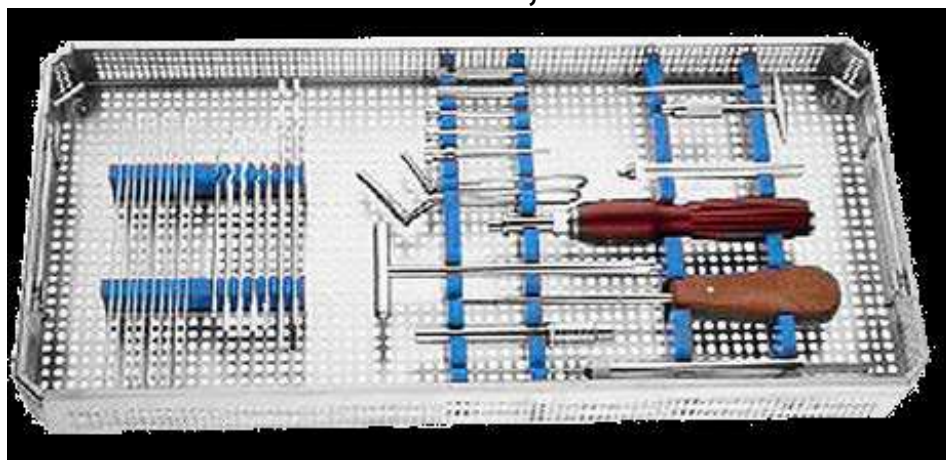
STERILISER: Autoclave with prevacuum: During the prevacuum phase the air is extracted from the chamber before the steam flows in. Standard circulation for packaged objects: 132° to 135° Celsius; Pressure = 2 – 3 bar (27 to 30 psi) with an exposure time of at least 4 to 10 minutes.

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. -0390-062



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



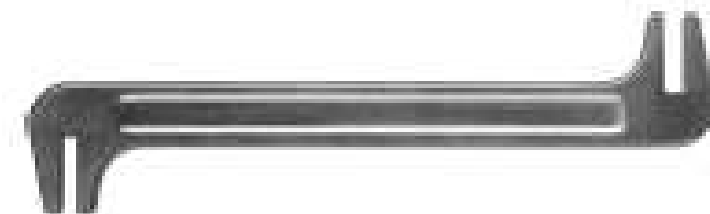
87-0140-080 FUSION Direct measuring device for used K-wire Ø2.0mm x length 190mm
REF. 87-0140-100



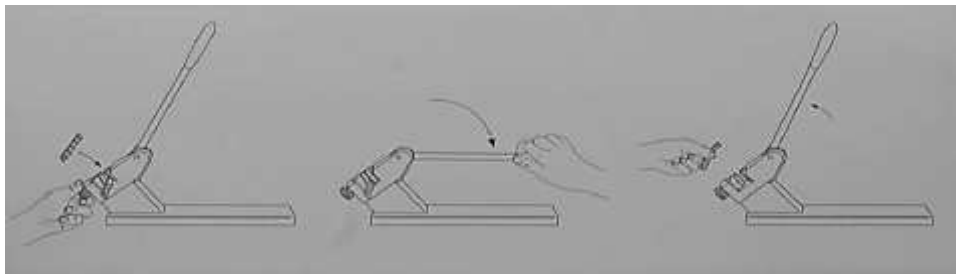
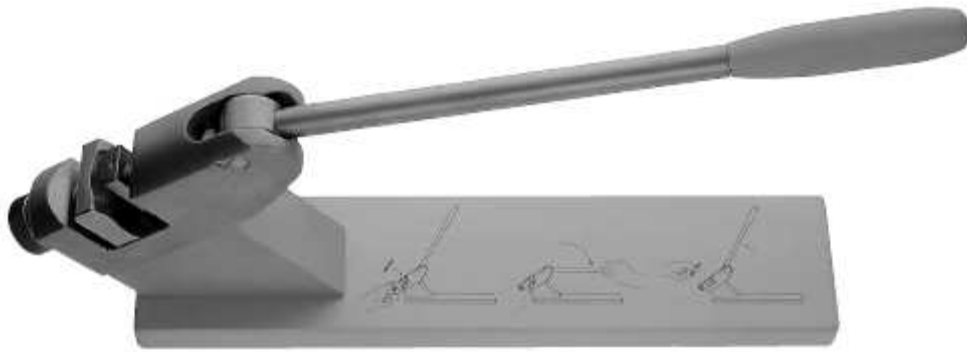
86-0219-039 Sharp hook, length 155mm



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



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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

Diameter and complete Length

| | |
|---------------|-------------------------|
| 87-0030-014ST | Ø 5.0 mm x length 14mm |
| 87-0030-016ST | Ø 5.0 mm x length 16mm |
| 87-0030-018ST | Ø 5.0 mm x length 18mm |
| 87-0030-020ST | Ø 5.0 mm x length 20mm |
| 87-0030-022ST | Ø 5.0 mm x length 22mm |
| 87-0030-024ST | Ø 5.0 mm x length 24mm |
| 87-0030-026ST | Ø 5.0 mm x length 26mm |
| 87-0030-028ST | Ø 5.0 mm x length 28mm |
| 87-0030-030ST | Ø 5.0 mm x length 30mm |
| 87-0030-032ST | Ø 5.0 mm x length 32mm |
| 87-0030-034ST | Ø 5.0 mm x length 34mm |
| 87-0030-036ST | Ø 5.0 mm x length 36mm |
| 87-0030-038ST | Ø 5.0 mm x length 38mm |
| 87-0030-040ST | Ø 5.0 mm x length 40mm |
| 87-0030-042ST | Ø 5.0 mm x length 42mm |
| 87-0030-044ST | Ø 5.0 mm x length 44mm |
| 87-0030-046ST | Ø 5.0 mm x length 46mm |
| 87-0030-048ST | Ø 5.0 mm x length 48mm |
| 87-0030-050ST | Ø 5.0 mm x length 50mm |
| 87-0030-055ST | Ø 5.0 mm x length 55mm |
| 87-0030-060ST | Ø 5.0 mm x length 60mm |
| 87-0030-065ST | Ø 5.0 mm x length 65mm |
| 87-0030-070ST | Ø 5.0 mm x length 70mm |
| 87-0030-075ST | Ø 5.0 mm x length 75mm |
| 87-0030-080ST | Ø 5.0 mm x length 80mm |
| 87-0030-085ST | Ø 5.0 mm x length 85mm |
| 87-0030-090ST | Ø 5.0 mm x length 90mm |
| 87-0030-095ST | Ø 5.0 mm x length 95mm |
| 87-0030-100ST | 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



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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

| Order Number | Diameter and complete Length | Order Number | Diameter and complete Length |
|---------------------|-------------------------------------|---------------------|-------------------------------------|
| 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- |
| Order Number | Titanium Locking Screw, Fullthreaded Ø 5.0mm, self-tapping | |
| 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- |
| Order Number | | |
| 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 .: |
|--|---------------------------------------|--------|
| Titanium Standard Cortical Screws, Fullthreaded Ø 4.5mm, self-tapping | | |
| 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- |
| Order Number | | |
| 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 |

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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!

| Order Number | Complete Length and Holes |
|---------------------|----------------------------------|
| 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

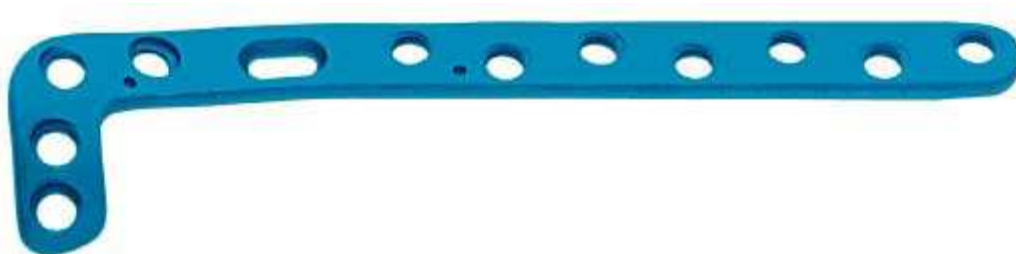
Proximal Tibia Large Fragment Locking Plates without Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws
Applicable for Fixation of the Tibia lateral wedge, depression, bicondylar and fractures with associated Shaft Fractures.

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

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 RIGHT

Length 131 mm x 6 Hole RIGHT

Length 161 mm x 8 Hole RIGHT

Length 191 mm x 10 Hole RIGHT

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

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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

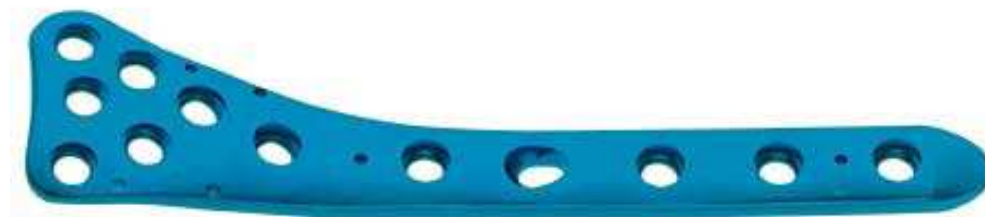
Distal Femur Buttress Large Fragment Locking Plates without Combi Hole used with Titanium Ø5.0mm and Locking Screws in Combination with Ø4.5 mm Titanium Standard Cortical Screws
Applicable for Fixation for buttressing multifragmental distal Femur Fractures

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



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Notes

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