



## TITANIUM FUSION

### LOCKING PLATE SYSTEM SMALL 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.

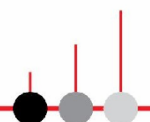


## **Set-LO-0010-020 Fusion-Lock Locking Screw - and Plate** **Set,** **Set complete includes instruments and implants**

Titanium Implants included in SET-LO-0010-020,  
are manufactured to Raw-Material Standard ISO 5832-2  
for plates and ISO 5832-3 for Screws according to biocompatibility ISO 10993-1

Set - listing - content for Set: Set-LO-0010-020 Page 2 up to Page 5

Tray for Fusion Lock Small Fragment Instrument - and Implant SET-LO-0010-020 (Graphic Case)

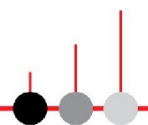




## Set-LO-0010-020 Fusion-Lock Locking Screw - and Plate Set for 2.7 mm / 3.5 mm System

### Set - Listing - Content: Instruments

Description	PCS.	Order Number
Tray for Fusion Lock small Fragment instrument - and implant Set -LO-0010-020 (Graphic case)	1	TRAY-LO-0010-202
Small hexagonal Screw driver for self holding Sleeve (hexagonal flats 2.5 mm) used for $\varnothing$ 3.5 mm / $\varnothing$ 4.0 mm Screws	1	86-0368-025
Coupling self-holding Sleeve for Screw driver ref. 86-0368-025	1	86-0390-060
T-handle small with AO-quickcoupling	1	86-0211-044
Small hexagonal Screw driver AO-shaft (hexagonal flats 2.5 mm) used for $\varnothing$ 2.7 / $\varnothing$ 3.5 / $\varnothing$ 4.0 mm screws	1	86-0214-003
Small Countersink $\varnothing$ 3.5 mm used for $\varnothing$ 2.7 / $\varnothing$ 3.5 / $\varnothing$ 4.0 mm Screws	1	86-0210-089
Tap AO-shaft $\varnothing$ 3.5 mm with cortical pitch 1.25 mm used for $\varnothing$ 3.5 mm cortical Screws	1	86-0211-032
Drill bit AO-shaft $\varnothing$ 2.5 mm x length 110 mm / 85 mm used for $\varnothing$ 3.5 mm cortical Screws	2	86-0210-025
Drill Bit AO - shaft $\varnothing$ 2.8 mm x length 165 mm calibrated used for $\varnothing$ 3.5 mm cortical locking Screws	2	100-0130-030
Drill Bit AO - shaft $\varnothing$ 2.0 mm x length 165 mm calibrated used for $\varnothing$ 2.7 mm cortical locking Screws	2	100-0130-020
Depth gauge used for $\varnothing$ 2.7 mm up to $\varnothing$ 4.0 mm Screws	1	86-0219-004
Universal drill guide 3.5 mm / 2.5 mm used for tap $\varnothing$ 3.5 mm and drill bit $\varnothing$ 2.5 mm	1	86-0222-030
Small hexalobe Screw Driver AO-shaft with Star Bit 10 used for $\varnothing$ 2.7 mm / 3.5 mm cortical locking Screws	1	100-0152-015
Torque limited Screw Driver 1.5 mm with AO-Quickcoupling used for $\varnothing$ 2.7 / $\varnothing$ 3.5 mm cortical locking Screws	1	100-0150-015
Centring sleeve $\varnothing$ 1.6 mm used for K-Wire $\varnothing$ 1.6 mm x 150 mm	2	100-0140-060
Threaded drill guide $\varnothing$ 2.8 mm used for 2.8 mm Drill Bit Ref. 100-0130-030	2	100-0140-040
Threaded drill guide $\varnothing$ 2.0 mm used for 2.0 mm Drill Bit Ref. 100-0130-020	2	100-0140-020
Direct measurement device for K-Wires $\varnothing$ 1.6 mm for use with drill guide 2.5 mm / centr. Sleeve 1.6 mm	1	100-0140-080
Kirschner-wire with trocar point and round shaft end $\varnothing$ 1.6 mm x length 150 mm	8	89-0310-016
Screw forceps	1	86-0219-097



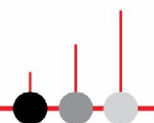


## Set-LO-0010-020 Fusion-Lock Locking Screw - and Plate Set for 2.7 mm / 3.5 mm System

**Set - Listing - Content: Standard Titanium Screw Implants 3.5 mm**

**Titanium Fullthreaded - Cortical Screws 3.5 mm, self-tapping**

Length	Diameter	PCS.	Order Number
10 mm	ø 3.5 mm	4	90-0004-010ST
12 mm	ø 3.5 mm	4	90-0004-012ST
14 mm	ø 3.5 mm	4	90-0004-014ST
16 mm	ø 3.5 mm	4	90-0004-016ST
18 mm	ø 3.5 mm	4	90-0004-018ST
20 mm	ø 3.5 mm	4	90-0004-020ST
22 mm	ø 3.5 mm	4	90-0004-022ST
24 mm	ø 3.5 mm	4	90-0004-024ST
26 mm	ø 3.5 mm	4	90-0004-026ST
28 mm	ø 3.5 mm	4	90-0004-028ST
30 mm	ø 3.5 mm	4	90-0004-030ST
32 mm	ø 3.5 mm	4	90-0004-032ST
34 mm	ø 3.5 mm	4	90-0004-034ST
36 mm	ø 3.5 mm	4	90-0004-036ST
38 mm	ø 3.5 mm	2	90-0004-038ST
40 mm	ø 3.5 mm	2	90-0004-040ST
42 mm	ø 3.5 mm	2	90-0004-042ST
45 mm	ø 3.5 mm	2	90-0004-045ST
48 mm	ø 3.5 mm	2	90-0004-048ST
50 mm	ø 3.5 mm	2	90-0004-050ST
55 mm	ø 3.5 mm	2	90-0004-055ST
60 mm	ø 3.5 mm	2	90-0004-060ST



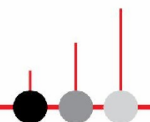


Set-LO-0010-020 Fusion-Lock Locking Screw -  
and Plate Set for 2.7 mm / 3.5 mm System

**Set - Listing - Content: Standard Titanium Screw Implants 3.5 mm**

**Titanium Fullthreaded - Cortical Screws 3.5 mm, self-tapping**

Length	Diameter	PCS.	Order Number
10 mm	ø 3.5 mm	4	90-0040-010ST
12 mm	ø 3.5 mm	4	90-0040-012ST
14 mm	ø 3.5 mm	4	90-0040-014ST
16 mm	ø 3.5 mm	4	90-0040-016ST
18 mm	ø 3.5 mm	4	90-0040-018ST
20 mm	ø 3.5 mm	4	90-0040-020ST
22 mm	ø 3.5 mm	4	90-0040-022ST
24 mm	ø 3.5 mm	4	90-0040-024ST
26 mm	ø 3.5 mm	4	90-0040-026ST
28 mm	ø 3.5 mm	4	90-0040-028ST
30 mm	ø 3.5 mm	4	90-0040-030ST
32 mm	ø 3.5 mm	4	90-0040-032ST
34 mm	ø 3.5 mm	4	90-0040-034ST
36 mm	ø 3.5 mm	4	90-0040-036ST
38 mm	ø 3.5 mm	2	90-0040-038ST
40 mm	ø 3.5 mm	2	90-0040-040ST
42 mm	ø 3.5 mm	2	90-0040-042ST
45 mm	ø 3.5 mm	2	90-0040-045ST
48 mm	ø 3.5 mm	2	90-0040-048ST
50 mm	ø 3.5 mm	2	90-0040-050ST
55 mm	ø 3.5 mm	2	90-0040-055ST
60 mm	ø 3.5 mm	2	90-0040-060ST

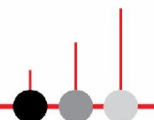




**Set - Listing - Content: Titanium Locking Screw Implants 2.7 mm**

**Titanium Locking Fullthreaded - Cortical Screws 2.7 mm, self-tapping - cutting**

Length	Diameter	PCS.	Order Number
18 mm	ø 2.7 mm	3	90-0030-018ST
20 mm	ø 2.7 mm	3	90-0030-020ST
22 mm	ø 2.7 mm	3	90-0030-022ST
24 mm	ø 2.7 mm	3	90-0030-024ST
26 mm	ø 2.7 mm	3	90-0030-026ST
28 mm	ø 2.7 mm	3	90-0030-028ST
30 mm	ø 2.7 mm	3	90-0030-030ST
32 mm	ø 2.7 mm	3	90-0030-032ST
35 mm	ø 2.7 mm	4	90-0030-035ST
38 mm	ø 2.7 mm	3	90-0030-038ST
40 mm	ø 2.7 mm	3	90-0030-040ST
45 mm	ø 2.7 mm	3	90-0030-045ST





## Set-LO-0010-020 Fusion-Lock Locking Screw - and Plate Set for 2.7 mm / 3.5 mm System

### Set - Listing - Content: Titanium Locking Plate Implants

#### Titanium Plate 3.5 mm small, straight Combi Hole Low Touch Locking Plate

Length	Holes	PCS.	Order Number
85.0 mm	6	1	90-0106-085
98.0 mm	7	1	90-0107-098
111.0 mm	8	1	90-0108-111
124.0 mm	9	1	90-0109-124
137.0 mm	10	1	90-0110-137

#### Titanium Reconstruction Plate 3.5 mm small, straight Combi Hole Locking Plate

Length	Holes	PCS	Order Number
85.0 mm	6	1	90-0510-006
99.5 mm	7	1	90-0510-007
104.0 mm	8	1	90-0510-008
128.5 mm	9	1	90-0510-009

#### Titanium Anatomical T-Plate 3.5 mm, Oblique Angled Locking Plate

Length	Holes	PCS	Order Number
63.0 mm	4 + 3 left	1	90-0520-004
63.0 mm	4 + 3 right	1	90-0530-004





**Titanium Prebend Anatomical Radius Plate 3.5 mm, Volar Locking Plate**

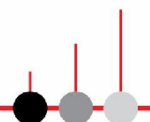
Length	Holes	PCS	Order Number
62.0 mm	3 + 6 left	1	90-0540-003
62.0 mm	3 + 6 right	1	90-0550-003

**Set - Listing - Content: Titanium Locking Distance Bolt****Titanium Locking Distance Bolt ø 3.5 mm**

Description	PCS	Order Number
ø 3.5 mm Distance Bolt	1	90-0060-010

**Set - Listing - Content Instruments: Titanium Washer Implants****Titanium Locking Distance Bolt ø 3.5 mm**

Description	Order Number
ø 2.7 mm / 3.5 mm Washer	90-0060-011WT



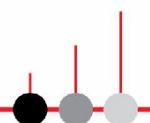


## Sterilization Container for Set LO-0010-020



### Sterilization Container:

Description	Order Number
Container bottom non perforated 580 x 280 x 135 mm	99-105-135
Container lid perforated 580 x 280 mm	99-100-010





## Instruments for Fusion Locking Plate 2.7 mm / 3.5 mm System

Small hexagonal Screw Driver for self holding Sleeve (hexagonal Flats 2.5 mm)



Used for	Order Number
ø 3.5 / 4.0 mm screws	86-0368-025

Coupling Self - Holding Sleeve for Screw Driver REF.: 86-0368-025



**Order Number**  
86-0390-060

T-Handle Small with AO - Quickcoupling



**Order Number**  
86-0211-044





Small Hexagonal Screw Driver - AO Shaft (hexagonal Flats 2.5 mm)



Used for	Order Number
ø 2.7 / 3.5 / 4.0 mm screws	86-0214-003

Instruments for Fusion Locking Plate 2.7 mm / 3.5 mm System

Small Countersink ø 3.5 mm



Used for	Order Number
ø 2.7 / 3.5 / 4.0 mm screws	86-0210-089

Tap - AO



Description	Used for	Order Number
Shaft ø 3.5 mm with cortical Pitch 1.25 mm	ø 3.5 mm cortical screws	86-0211-032
Shaft ø 4.0 mm with cancellous Pitch 1.75 mm	ø 4.0 mm cancellous screws	86-0211-036





Drill Bit - AO



Description	Used for	Order Number
Shaft $\varnothing$ 2.5 mm x length 110 mm / 85 mm	$\varnothing$ 3.5 mm cortical screws	86-0210-025

Drill Bit - AO



Description	Used for	Order Number
Shaft $\varnothing$ 2.8 mm x length 165 mm calibrated	$\varnothing$ 3.5 mm cortical screws	100-0130-030

Drill Bit - AO



Description	Used for	Order Number
Shaft $\varnothing$ 2.0 mm x length 165 mm calibrated	$\varnothing$ 2.7 mm cortical screws	100-0130-020





## Instruments for Fusion Locking Plate 2.7 mm / 3.5 mm System

### Depth gauge



Used for	Order Number
ø 2.7 up to ø 4.0 mm screws	86-0219-004

### Universal Drill Guide 3.5 mm / 2.5 mm



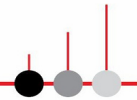
Used for	Order Number
ø 3.5 mm Tap and ø 2.5 mm Drill Bit	86-0222-030

### Small Screw Driver - AO Shaft with Star Bit 10



Used for	Order Number
ø 2.7 / ø 3.5 mm locking screws	100-0152-015





Torque Limited Screw Driver 1.5 mm with AO - Quickcoupling



Used for	Order Number
2.7 / $\varnothing$ 3.5 mm cortical locking Screws	100-0150-015

Instruments for Fusion Locking Plate 2.7 mm / 3.5 mm System

Centring Sleeve  $\varnothing$  1.6 mm



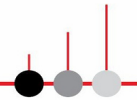
Used for	Order Number
K - Wire $\varnothing$ 1.6 mm x 150 mm	100-0140-060

Threaded Drill Guide



Description	Used for	Order Number
Threaded Drill Guide $\varnothing$ 2.8 mm	$\varnothing$ 2.8 mm Drill Bit REF.: 100-0130-030	100-0140-040
Threaded Drill Guide $\varnothing$ 2.0 mm	$\varnothing$ 2.0 mm Drill Bit REF.: 100-0130-020	100-0140-020





## Direct Measurement device for K - Wires $\varnothing$ 1.6 mm



Used for	Order Number
threaded drill guide 2.5 mm / centr. Sleeve 1.6 mm	100-0140-080

## K-Wire with trocar point and round Shaft end $\varnothing$ 1.6 mm x length 150 mm

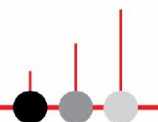


Order Number
89-0310-016

## Screws Forceps



Order Number
86-0219-097







Titanium Fusion - Lock Locking Screw Implants

**Product description:**

Titanium Locking Fullthreaded - Cortical Screws  $\varnothing$  3.5 mm, self-tapping

**Important Technical Dimensions:**

Head Diameter  $\varnothing$  6.0 mm

Hexalobe Socked Star Bit 10 according to ASTM F543-02 Table A6.8

Head Thread M5 / Pitch 0.8 mm

Core Diameter  $\varnothing$  2.9 mm

Thread Pitch 0.8 mm

Applicable Drill Bit for Thread Hole  $\varnothing$  2.8 mm, length 165 mm calibrated

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

Material Titanium Alloy according to ISO5832-3 and Biocompatibility ISO10993-1



**Titanium Locking Fullthreaded - Cortical Screws  $\varnothing$  3.5 mm, self-tapping**

<b><u>Length</u></b>	<b><u>Diameter</u></b>	<b><u>Order Number</u></b>
10 mm	$\varnothing$ 3.5 mm	90-0040-010ST
12 mm	$\varnothing$ 3.5 mm	90-0040-012ST
14 mm	$\varnothing$ 3.5 mm	90-0040-014ST
16 mm	$\varnothing$ 3.5 mm	90-0040-016ST
18 mm	$\varnothing$ 3.5 mm	90-0040-018ST
20 mm	$\varnothing$ 3.5 mm	90-0040-020ST
22 mm	$\varnothing$ 3.5 mm	90-0040-022ST
24 mm	$\varnothing$ 3.5 mm	90-0040-024ST
26 mm	$\varnothing$ 3.5 mm	90-0040-026ST
28 mm	$\varnothing$ 3.5 mm	90-0040-028ST
30 mm	$\varnothing$ 3.5 mm	90-0040-030ST
32 mm	$\varnothing$ 3.5 mm	90-0040-032ST
35 mm	$\varnothing$ 3.5 mm	90-0040-035ST
38 mm	$\varnothing$ 3.5 mm	90-0040-038ST
40 mm	$\varnothing$ 3.5 mm	90-0040-040ST
42 mm	$\varnothing$ 3.5 mm	90-0040-042ST
45 mm	$\varnothing$ 3.5 mm	90-0040-045ST
48 mm	$\varnothing$ 3.5 mm	90-0040-048ST
50 mm	$\varnothing$ 3.5 mm	90-0040-050ST
52 mm	$\varnothing$ 3.5 mm	90-0040-052ST
55 mm	$\varnothing$ 3.5 mm	90-0040-055ST
60 mm	$\varnothing$ 3.5 mm	90-0040-060ST
65 mm	$\varnothing$ 3.5 mm	90-0040-065ST
70 mm	$\varnothing$ 3.5 mm	90-0040-070ST

Titanium Fusion - Lock Locking Screw Implants

**Product description:**

Titanium Locking Fullthreaded - Cortical Screws  $\varnothing$  2.7 mm, self-tapping

**Important Technical Dimensions:**

Head Diameter  $\varnothing$  6.0 mm

Hexalobe Socked Star Bit 10 according to ASTM F543-02 Table A6.8

Head Thread M5 / Pitch 0.8 mm

Core Diameter for Cortical Thread  $\varnothing$  1.9 mm

Thread Pitch 0.8 mm

Applicable Drill Bit for Thread Hole  $\varnothing$  2.0 mm, length 165 mm calibrated

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

Material Titanium Alloy according to ISO5832-3 and Biocompatibility ISO10993-1



**Titanium Locking Fullthreaded - Cortical Screws  $\varnothing$  2.7 mm, self-tapping**

<u>Length</u>	<u>Diameter</u>	<u>Order Number</u>
10 mm	$\varnothing$ 2.7 mm	90-0030-010ST
12 mm	$\varnothing$ 2.7 mm	90-0030-012ST
14 mm	$\varnothing$ 2.7 mm	90-0030-014ST
16 mm	$\varnothing$ 2.7 mm	90-0030-016ST
18 mm	$\varnothing$ 2.7 mm	90-0030-018ST
20 mm	$\varnothing$ 2.7 mm	90-0030-020ST
22 mm	$\varnothing$ 2.7 mm	90-0030-022ST
24 mm	$\varnothing$ 2.7 mm	90-0030-024ST
26 mm	$\varnothing$ 2.7 mm	90-0030-026ST
28 mm	$\varnothing$ 2.7 mm	90-0030-028ST
30 mm	$\varnothing$ 2.7 mm	90-0030-030ST
32 mm	$\varnothing$ 2.7 mm	90-0030-032ST
35 mm	$\varnothing$ 2.7 mm	90-0030-035ST
38 mm	$\varnothing$ 2.7 mm	90-0030-038ST
40 mm	$\varnothing$ 2.7 mm	90-0030-040ST
45 mm	$\varnothing$ 2.7 mm	90-0030-045ST
50 mm	$\varnothing$ 2.7 mm	90-0030-050ST
55 mm	$\varnothing$ 2.7 mm	90-0030-055ST
60 mm	$\varnothing$ 2.7 mm	90-0030-060ST



## Titanium Fusion - Lock Implants

### Titanium Locking Distance Bolt

#### Important Technical Dimensions:

Head Diameter  $\varnothing$  6.0 mm

Hexalobe Socked width Star Bit 10 according to ASTM F543-02 Table A6.8

Head Thread M5 / Pitch 0.8 mm

Material Titanium Alloy according to ISO5832-3 and Biocompatibility ISO10993-1



Description	Order number
$\varnothing$ 3.5 mm Distance Bolt	90-0060-010

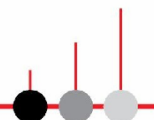
### Titanium Washer

#### Important Technical Dimensions:

Material Titanium Alloy according to ISO 5832-3 and Biocompatibility ISO 10993-1



Description	Order Number
$\varnothing$ 2.7 mm / 3.5 mm washer	90-0060-011WT



Titanium Standard Screw Implants

**Product description:**

Titanium Locking Fullthreaded - Cortical Screws  $\varnothing$  3.5 mm, self-tapping

**Important Technical Dimensions:**

Head Diameter  $\varnothing$  6.0 mm

Hexalobe Socked width 2.5 mm

Core Diameter for Cortical Thread  $\varnothing$  2.4 mm

Cortical Thread pitch 1.25 mm

Applicable Tap  $\varnothing$  3.5 mm with 1.25 cortical pitch

**Note: Tapping is not necessary!**

Material Titanium Alloy according to ISO5832-3 and Biocompatibility ISO10993-1



**Titanium Locking Fullthreaded - Cortical Screws  $\varnothing$  3.5 mm, self-tapping**

Length	Diameter	Order Number
10 mm	$\varnothing$ 3.5 mm	90-0004-010ST
12 mm	$\varnothing$ 3.5 mm	90-0004-012ST
14 mm	$\varnothing$ 3.5 mm	90-0004-014ST
16 mm	$\varnothing$ 3.5 mm	90-0004-016ST
18 mm	$\varnothing$ 3.5 mm	90-0004-018ST
20 mm	$\varnothing$ 3.5 mm	90-0004-020ST
22 mm	$\varnothing$ 3.5 mm	90-0004-022ST
24 mm	$\varnothing$ 3.5 mm	90-0004-024ST
26 mm	$\varnothing$ 3.5 mm	90-0004-026ST
28 mm	$\varnothing$ 3.5 mm	90-0004-028ST
30 mm	$\varnothing$ 3.5 mm	90-0004-030ST
32 mm	$\varnothing$ 3.5 mm	90-0004-032ST
34 mm	$\varnothing$ 3.5 mm	90-0004-034ST
36 mm	$\varnothing$ 3.5 mm	90-0004-036ST
38 mm	$\varnothing$ 3.5 mm	90-0004-038ST
40 mm	$\varnothing$ 3.5 mm	90-0004-040ST
42 mm	$\varnothing$ 3.5 mm	90-0004-042ST
45 mm	$\varnothing$ 3.5 mm	90-0004-045ST
48 mm	$\varnothing$ 3.5 mm	90-0004-048ST
50 mm	$\varnothing$ 3.5 mm	90-0004-050ST
55 mm	$\varnothing$ 3.5 mm	90-0004-055ST
60 mm	$\varnothing$ 3.5 mm	90-0004-060ST
65 mm	$\varnothing$ 3.5 mm	90-0004-065ST
70 mm	$\varnothing$ 3.5 mm	90-0004-070ST
75 mm	$\varnothing$ 3.5 mm	90-0004-075ST
80 mm	$\varnothing$ 3.5 mm	90-0004-080ST

Titanium Standard Screw Implants

**Product description:**

Titanium Locking Fullthreaded - Cancellous Screws  $\varnothing$  4.0 mm

**Important Technical Dimensions:**

Head Diameter  $\varnothing$  6.0 mm

Hexalobe Socked width 2.5 mm

Core Diameter for Cortical Thread  $\varnothing$  1.9 mm

Cortical Thread pitch 1.75 mm

Applicable Drill Bit for Thread hole  $\varnothing$  2.5 mm, length 110 mm / 85 mm

Applicable Tap  $\varnothing$  4.0 mm with 1.75 mm Cancellous Pitch

Material Titanium Alloy according to ISO5832-3 and Biocompatibility ISO10993-1



**Titanium Locking Fullthreaded - Cancellous Screws  $\varnothing$  4.0 mm**

Length	Diameter	Order Number
10 mm	$\varnothing$ 4.0 mm	90-0007-010T
12 mm	$\varnothing$ 4.0 mm	90-0007-012T
14 mm	$\varnothing$ 4.0 mm	90-0007-016T
16 mm	$\varnothing$ 4.0 mm	90-0007-016T
18 mm	$\varnothing$ 4.0 mm	90-0007-018T
20 mm	$\varnothing$ 4.0 mm	90-0007-020T
22 mm	$\varnothing$ 4.0 mm	90-0007-022T
24 mm	$\varnothing$ 4.0 mm	90-0007-024T
26 mm	$\varnothing$ 4.0 mm	90-0007-026T
28 mm	$\varnothing$ 4.0 mm	90-0007-028T
30 mm	$\varnothing$ 4.0 mm	90-0007-030T
32 mm	$\varnothing$ 4.0 mm	90-0007-032T
34 mm	$\varnothing$ 4.0 mm	90-0007-034T
35 mm	$\varnothing$ 4.0 mm	90-0007-035T
36 mm	$\varnothing$ 4.0 mm	90-0007-036T
38 mm	$\varnothing$ 4.0 mm	90-0007-038T
40 mm	$\varnothing$ 4.0 mm	90-0007-040T
45 mm	$\varnothing$ 4.0 mm	90-0007-045T
50 mm	$\varnothing$ 4.0 mm	90-0007-050T
55 mm	$\varnothing$ 4.0 mm	90-0007-055T
60 mm	$\varnothing$ 4.0 mm	90-0007-060T



## Titanium Fusion - Lock Implants

Titanium Fusion - Lock Locking Plate Implants Small Fragment Locking Plates Straight within Combi Holes used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws Applicable for Fixation Ulna / Radius- and Humeral Shaft Fractures

### Product description:

Titanium Plate 3.5 mm small, straight Combi Hole Low Touch Locking Plate

### Important Technical Dimensions:

Thickness 3.0 mm

Broad 11 mm

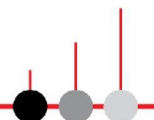
Distance between holes 12 mm

Material Unalloyed Titanium according to ISO5832-2 Grade 4B and Biocompatibility ISO10993-1



### Titanium Plate 3.5 mm small, straight Combi Hole Low Touch Locking Plate

Length	Holes	Order Number
59 mm	4	90-0104-059
72 mm	5	90-0105-072
85 mm	6	90-0106-085
98 mm	7	90-0107-098
111 mm	8	90-0108-111
124 mm	9	90-0109-124
137 mm	10	90-0110-137
150 mm	11	90-0111-150
163 mm	12	90-0112-163





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock Locking Plate Implants Small Fragment Reconstructions Locking Plates Straight without Combi Holes used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws  
 Applicable for main Fixation in Pelvic and Acetabular Fractures  
 also they may sometimes be used in Fractures of the distal Humeral ( dorsal lateral aspect ) and the Clavicle and Calcaneus

### Product description:

Titanium Reconstruction Plate 3.5 mm, straight without Combi Hole Locking Plate

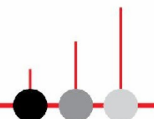
### Important Technical Dimensions:

Thickness 2.8 mm  
 Broad 10 mm  
 Distance between holes 12 mm  
 Material Unalloyed Titanium according to ISO5832-2 Grade 4B  
 and Biocompatibility ISO10993-1



### Titanium Reconstruction Plate 3.5 mm, straight without Combi Hole Locking Plate

<u>Length</u>	<u>Holes</u>	<u>Order Number</u>
58 mm	5	90-0500-005
70 mm	6	90-0500-006
82 mm	7	90-0500-007
94 mm	8	90-0500-008
106 mm	9	90-0500-009
118 mm	10	90-0500-010
142 mm	12	90-0500-012
166 mm	14	90-0500-014
190 mm	16	90-0500-016
214 mm	18	90-0500-018
238 mm	20	90-0500-020
262 mm	22	90-0500-022





## Titanium Fusion - Lock Implants

### Titanium Fusion - Lock Locking Plate Implants

Small Fragment Reconstructions Locking Plates Straight with Combi Holes

used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws

in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws

Applicable for main Fixation in Pelvic and Acetabular Fractures also they may sometimes be used in Fractures of the

distal Humeral ( dorsal lateral aspect ) and the Clavicle and Calcaneus

### Product description:

Titanium Reconstruction Plate 3.5 mm, straight without Combi Hole Locking Plate

### Important Technical Dimensions:

Thickness 2.8 mm

Broad 10 mm

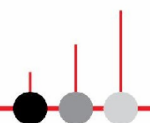
Distance between holes 14.5 mm

Material Unalloyed Titanium according to ISO5832-2 Grade 4B  
and Biocompatibility ISO10993-1



### Titanium Reconstruction Plate 3.5 mm, straight without Combi Hole Locking Plate

Length	Holes	Order Number
70.5 mm	5	90-0510-005
80.0 mm	6	90-0510-006
99.5 mm	7	90-0510-007
114.0 mm	8	90-0510-008
128.5 mm	9	90-0510-009
143.0 mm	10	90-0510-010
172.0 mm	12	90-0510-012
201.0 mm	14	90-0510-014
230.0 mm	16	90-0510-016
259.0 mm	18	90-0510-018
288.0 mm	20	90-0510-020
317.0 mm	22	90-0510-022







## Titanium Fusion - Lock Implants

Titanium Fusion - Lock Locking Plate Implants Small Fragment Anatomical T-Plates, Oblique Angled used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm  
 Locking Screws in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws  
 Applicable for main Fixation Fractures, dorsal aspect of the distal Radius left and right

### Product description:

Titanium Anatomical T-Plate 3.5 mm, Oblique Angled Locking Plate

### Important Technical Dimensions:

Thickness 1.5 mm Low Profile

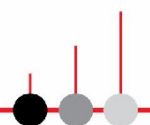
Broad 10 mm

Material Unalloyed Titanium according to ISO5832-2 Grade 4B  
 and Biocompatibility ISO10993-1



### Titanium Anatomical T-Plate 3.5 mm, Oblique Angled Locking Plate

Length	Holes	Order Number
51 mm	8 hole LEFT	90-0520-003
51 mm	8 hole RIGHT	90-0530-003
63 mm	10 hole LEFT	90-0520-004
63 mm	10 hole RIGHT	90-0530-004
75 mm	5 hole in shaft + 3 hole in head LEFT	90-0520-005
75 mm	5 hole in shaft + 3 hole in head RIGHT	90-0530-005





## Titanium Fusion - Lock Implants

### Titanium Fusion - Lock Locking Plate Implants

Small Fragment Anatomical T-Plates, Right Angled used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screw in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws Applicable for main Fixation Fractures, Volar aspect of the distal Radius Left and Right

### Product description:

Titanium Anatomical T-Plate 3.5 mm, Right Angled Locking Plate

### Important Technical Dimensions:

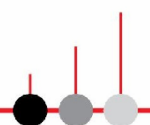
Thickness 1.5 mm Low Profile

Broad 10 mm

Material Titanium



<u>Length</u>	<u>Holes</u>	<u>Order Number</u>
50 mm	3 Hole in Shaft + 3 Hole in Head	90-0590-033
62 mm	4 Hole in Shaft + 3 Hole in Head	90-0590-043
74 mm	5 Hole in Shaft + 3 Hole in Head	90-0590-053
50 mm	3 Hole in Shaft + 4 Hole in Head	90-0590-034
62 mm	4 Hole in Shaft + 4 Hole in Head	90-0590-044
86 mm	6 Hole in Shaft + 4 Hole in Head	90-0590-064





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock Locking Plate Implants

Small Fragment Prebend Anatomical Radius plates

with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm

Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws

Applicable for main Fixation in Fractures, volar aspect of the distal Radius left and right

### Product description:

Titanium Prebend Anatomical Radius Locking Plate

### Important Technical Dimensions:

Thickness 1.5 mm Low Profile

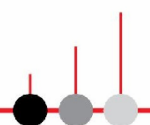
Broad 10 mm

Material Unalloyed Titanium according to ISO5832-2 Grade 4B  
and Biocompatibility ISO10993-1



### Titanium Prebend Anatomical Radius Locking Plate

Holes	Order Number
3 hole in shaft + 6 hole in head LEFT	90-0540-003
3 hole in shaft + 6 hole in head RIGHT	90-0550-003
4 hole in shaft + 6 hole in head LEFT	90-0540-004
4 hole in shaft + 6 hole in head RIGHT	90-0550-004





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock Locking Plate Implants

Proximal Humeral Plates used with Titanium  $\varnothing$  3.5 mm Locking screws in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws. Applicable for Proximal Humeral Fractures Left and Right

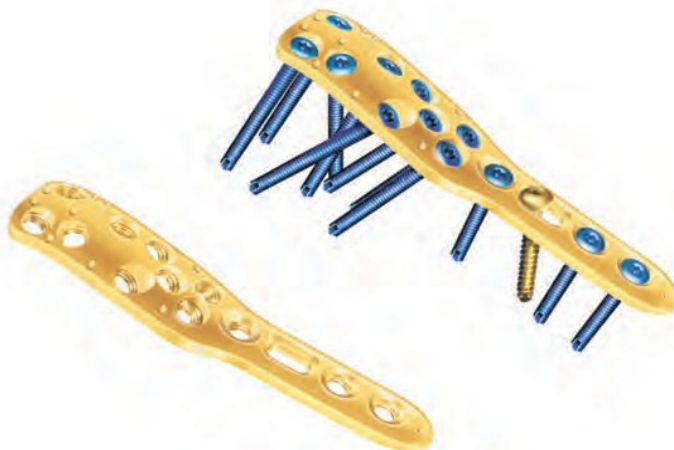
### Product description:

Titanium Humeral Locking Plate

### Important Technical Dimensions:

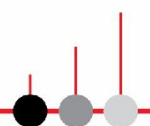
Thickness 3.0 mm Broad/Shaft 12 mm Broad/Head 20 mm

Material Unalloyed Titanium according to ISO5832-2 Grade 4B and Biocompatibility ISO10993-1



### Titanium Humeral Locking Plate

Length	Holes	Order Number
90 mm	3	90-0580-003
110 mm	5	90-0580-005





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock Locking Plate Implants

Calcaneus Plates with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screws in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws Applicable for Fixation Calcaneus Fractures left and right

**Product description:**

Titanium Calcaneus Locking Plate

**Important Technical Dimensions:**

Thickness 1.5 mm Low Profile

Broad 10 mm

Material Unalloyed Titanium according to ISO5832-2 Grade 4B and Biocompatibility ISO10993-1



### Titanium Calcaneus Locking Plate

<u>Length</u>	<u>Holes</u>	<u>Order Number</u>
62 mm	3 hole in shaft + 6 hole in head LEFT	90-0560-008
62 mm	3 hole in shaft + 6 hole in head RIGHT	90-0570-008
72 mm	4 hole in shaft + 6 hole in head LEFT	90-0560-010
72 mm	4 hole in shaft + 6 hole in head RIGHT	90-0570-010





## Titanium Fusion - Lock Implants

### Titanium Fusion - Lock Locking Plate Implants

Calcaneus Plate "B" TYPE used with Titanium  $\varnothing$ 2.7 mm and  $\varnothing$ 3.5 mm Locking Screws in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws. Applicable for Fixation Calcaneus Fractures Left and Right

### Product description:

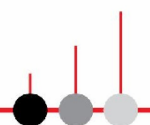
Titanium Calcaneus "B" TYPE Locking Plate

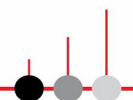
### Important Technical Dimensions:

Thickness Stem 1.6 mm / thread 22 mm Broad 4.0 mm / 8.0 mm  
Material Titanium



Length	Holes	Order Number
69 mm	15 Holes,LEFT	90-0571-015
69 mm	15 Holes,RIGHT	90-0572-015





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock: Locking Plate Implants

Distal Humeral Locking Plates, Medial used with Titanium Ø 2.7mm and

Ø 3.5mm Locking Screws in Combination with

Ø 3.5mm and Ø 4.0mm Titanium Standard Screws Applicable for Fixation Distal Humeral Fractures Material.

Titanium Alloy ISO5832-3

### Product description:

Titanium Humeral Locking Plates, Medial

### Important Technical Dimensions:

Thickness 4.0mm

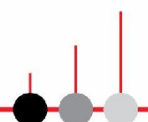
Broad 11.5mm

Material Titanium alloy according to ISO5832-3 and Biocompatibility ISO10993-1



### Titanium Humeral Locking Plates, Medial

<u>Length</u>	<u>Holes</u>	<u>Order Number</u>
80 mm	7	90-0590-107
106 mm	9	90-0590-109
132 mm	11	90-0590-111
158 mm	13	90-0590-113
184 mm	15	90-0590-115





## Titanium Fusion - Lock Implants

### Titanium Fusion - Lock: Locking Plate Implants

Distal Humeral Locking Plates, Medial Anatomical used with Titanium Ø 27 mm and Ø 3.5 mm Locking Screws in Combination with Ø 3.5 mm and Ø 4.0 mm Titanium Standard Screws Applicable for Fixation Distal Humeral Fractures

### Product description:

Titanium Humeral Locking Plates, Medial Anatomical

### Important Technical Dimensions:

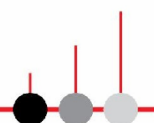
Thickness 25 mm

Broad 11.4 mm

Material Titanium



Length	Holes	Order Number
59 mm	3 Holes, LEFT	90-0590-403
84 mm	5 Holes, LEFT	90-0590-405
110 mm	7 Holes, LEFT	90-0590-407
136 mm	9 Holes, LEFT	90-0590-409
201 mm	14 Holes, LEFT	90-0590-414
59 mm	3 Holes, RIGHT	90-0590-503
84 mm	5 Holes, RIGHT	90-0590-505
110 mm	7 Holes, RIGHT	90-0590-507
136 mm	9 Holes, RIGHT	90-0590-509
201 mm	14 Holes, RIGHT	90-0590-514







## Titanium Fusion - Lock Implants

### Titanium Fusion - Lock: Locking Plate Implants

Distal Humeral Locking Plates, Dorsolateral Anatomical used with Titanium  $\varnothing$  27 mm and  $\varnothing$  3.5 mm Locking Screws in Combination with  $\varnothing$  3.5 mm and  $\varnothing$  4.0 mm Titanium Standard Screws Applicable for Fixation Distal Humeral Fracture

### Product description:

Titanium Humeral Locking Plates, Dorsolateral Anatomical

### Important Technical Dimensions:

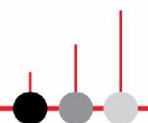
Thickness 25 mm

Broad 11.4 mm

Material Titanium



Length	Holes	Order Number
65 mm	3 Holes, LEFT	90-0590-203
91 mm	5 Holes, LEFT	90-0590-205
117 mm	7 Holes, LEFT	90-0590-207
143 mm	9 Holes, LEFT	90-0590-209
208 mm	14 Holes, LEFT	90-0590-214
65 mm	3 Holes, RIGHT	90-0590-303
91 mm	5 Holes, RIGHT	90-0590-305
117 mm	7 Holes, RIGHT	90-0590-307
143 mm	9 Holes, RIGHT	90-0590-309
208 mm	14 Holes, RIGHT	90-0590-314





## Titanium Fusion - Lock Implants

### Titanium Fusion - Lock: Locking Plate Implants

Olecranon Locking Plates, Anatomical used with Titanium Ø 2.7 mm and Ø 3.5 mm Locking Screw in Combination with Ø 3.5 mm and Ø 4.0 mm Titanium Standard Screws  
Applicable for Repair and Fixation Olecranon and Proximal Ulnar Fractures.

### Important Technical Dimensions:

Thickness 3.0 mm  
Broad 10.0 mm  
Material Titanium

### Product description:

Titanium Olecranon Locking Plates Anatomical



Length	Holes	Left Plates	Right Plates
86 mm	2	90-0590-602	90-0590-702
112 mm	4	90-0590-604	90-0590-704
138 mm	6	90-0590-606	90-0590-706
164 mm	8	90-0590-608	90-0590-708
190 mm	10	90-0590-610	90-0590-710
216 mm	12	90-0590-612	90-0590-712





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock: Locking Plate Implants

Distal Tibia Locking Plates, Medial used with Titanium Ø 2.7mm and Ø 3.5mm

Locking Screws in Combination with Ø 3.5mm and Ø 4.0 mm Titanium Standard Screws

Applicable for Fixation Distal Tibia Fractures

Material. Titanium Alloy ISO5832-3

### Product description:

Titanium Tibia Distal Locking Plates, Medial

### Important Technical Dimensions:

Thickness 4.0 mm Broad / Shaft 12.0 mm Broad /

Head 23.0mm

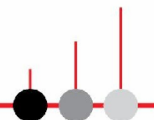
Distance Holes / Shaft 13mm

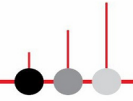
Material Titanium alloy according to ISO5832-3 and Biocompatibility ISO10993-1



### Titanium Tibia Distal Locking Plates, Medial

Length	Holes	Right Plates	Left Plates
117 mm	4	90-0600-004	90-0601-004
144 mm	6	90-0600-006	90-0601-006
171 mm	8	90-0600-008	90-0601-008
198 mm	10	90-0600-010	90-0601-010
225 mm	12	90-0600-012	90-0601-012
252 mm	14	90-0600-014	90-0601-014





## Titanium Fusion - Lock Implants

### Titanium Fusion - Lock: Locking Plate Implants

Distal Tibia Locking Plates, Medial used with Titanium Ø 2.7mm and Ø 3.5mm

Locking Screws in Combination with Ø 3.5mm and Ø 4.0 mm Titanium Standard Screws

Applicable for Repair and Fixation Distal Fibula - and Shaft Fractures.

### Important Technical Dimensions:

Thickness 3.0 mm

Broad 11.0 mm

Material Titanium

### Product description:

Titanium Distal Fibula Locking Plates



Length	Holes	Left Plates	Right Plates
73 mm	3	90-0610-003	90-0611-003
86 mm	4	90-0610-004	90-0611-004
99 mm	5	90-0610-005	90-0611-005
112 mm	6	90-0610-006	90-0611-006
125 mm	7	90-0610-007	90-0611-007
151 mm	9	90-0610-009	90-0611-009
177 mm	11	90-0610-011	90-0611-011





## Titanium Fusion - Lock Implants

### Titanium Fusion - Lock: Locking Plate Implants

Distal Tibia Anterolateral Locking Plates, used with Titanium  $\varnothing$  2.7 mm and  $\varnothing$  3.5 mm Locking Screw in Combination

with  $\varnothing$  3.5mm and  $\varnothing$  4.0 mm Titanium Standard Screws

Applicable for Repair and Fixation Distal Tibia- and Shaft Fractures.

### Important Technical Dimensions:

Thickness 4.0 mm

Broad 13.0 mm

Material Titanium

### Product description:

Titanium Distal Tibia Anterolateral Locking Plates



Length	Holes	Left Plates	Right Plates
80 mm	5	90-0612-005	90-0613-005
106 mm	7	90-0612-007	90-0613-007
132 mm	9	90-0612-009	90-0613-009
158 mm	11	90-0612-011	90-0613-011
184 mm	13	90-0612-013	90-0613-013
210 mm	15	90-0612-015	90-0613-015
236 mm	17	90-0612-017	90-0613-017
262 mm	19	90-0612-019	90-0613-019
288 mm	21	90-0612-021	90-0613-021





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock: Locking Plate Implants

One Third Tubular Plates, used with Titanium  $\varnothing$  2.7 / 3.5mm Locking Screws in Combination with  $\varnothing$  3.5mm and  $\varnothing$  4.0mm Titanium Standard Screws Applicable for Fixation Fibula, Middle Hand- and Middle foot Fractures

### Product description:

One Third Tubular Locking Plates

### Important Technical Dimensions:

Thickness 2.0mm

Broad 9.0mm

Distance between Holes 12 mm and 16mm

Material Titanium



### One Third Tubular Locking Plates

Length	Holes	Order Number
25 mm	2	90-0700-002
37 mm	3	90-0700-003
49 mm	4	90-0700-004
61 mm	5	90-0700-005
73 mm	6	90-0700-006
85 mm	7	90-0700-007
97 mm	8	90-0700-008
109 mm	9	90-0700-009
121 mm	10	90-0700-010
133 mm	11	90-0700-011
145 mm	12	90-0700-012





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock: Locking Plate Implants  
 Clavicle Hook Plates, used with Titanium Ø 3.5mm Locking Screws  
 in Combination with Ø 3.5mm and Ø 4.0mm Titanium Standard Screws  
 Applicable for Repair in the Treatment of Fixation displaced  
 Acromio Clavicular Joint Disfocation

**Product description:**

Titanium Clavicle Hook Locking Plates

**Important Technical Dimensions:**

Thickness 3.6mm Broad 10.0mm Material Titanium



### Titanium Clavicle Hook Locking Plates

Left Holes	Order Number	Right Holes	Order Number
Hole 4 x Hook Depth 15 mm	90-0800-154	Hole 4 x Hook Depth 15 mm	90-0801-154
Hole 4 x Hook Depth 18 mm	90-0800-184	Hole 4 x Hook Depth 18 mm	90-0801-184
Hole 5 x Hook Depth 15 mm	90-0800-155	Hole 5 x Hook Depth 15 mm	90-0801-155
Hole 5 x Hook Depth 18 mm	90-0800-185	Hole 5 x Hook Depth 18 mm	90-0801-185
Hole 6 x Hook Depth 15 mm	90-0800-156	Hole 6 x Hook Depth 15 mm	90-0801-156
Hole 6 x Hook Depth 18 mm	90-0800-186	Hole 6 x Hook Depth 18 mm	90-0801-186
Hole 8 x Hook Depth 15 mm	90-0800-158	Hole 8 x Hook Depth 15 mm	90-0801-158
Hole 8 x Hook Depth 18 mm	90-0800-188	Hole 8 x Hook Depth 18 mm	90-0801-188





## Titanium Fusion - Lock Implants

Titanium Fusion - Lock: Locking Plate Implants

Small Fragment pre - bend Anatomical Radiusplates used with Titanium  $\varnothing$  2.7mm and  $\varnothing$  3.5mm and  $\varnothing$  4.0mm Titanium Standard Screws

Applicable for main Fixation Fractures, volar aspect of the distal Radius Left with Window for Fracture Visualization and Articular Reconstruction

### Product description:

Titanium pre -bend Anatomical Radius Locking Plate with Window for Fracture Visualization and Articular Reconstruction

### Important Technical Dimensions:

Thickness 1.5mm Low Profile

Broad 9.0mm

Material Titanium



### Titanium pre -bend Anatomical Radius Locking Plate with Window for Fracture Visualization and Articular Reconstruction

Complete Length and Holes	Order Number
Length 60 mm x 3 Hole in Shaft + 6 Hole in Head LEFT	90-0541-003
Length 60 mm x 3 Hole in Shaft + 6 Hole in Head RIGHT	90-0551-003
Length 70 mm x 4 Hole in Shaft + 6 Hole in Head LEFT	90-0541-004
Length 70 mm x 4 Hole in Shaft + 6 Hole in Head RIGHT	90-0551-004
Length 80 mm x 5 Hole in Shaft + 6 Hole in Head LEFT	90-0541-005
Length 80 mm x 5 Hole in Shaft + 6 Hole in Head RIGHT	90-0551-005
Length 90 mm x 6 Hole in Shaft + 6 Hole in Head LEFT	90-0541-006
Length 90 mm x 6 Hole in Shaft + 6 Hole in Head RIGHT	90-0551-006







## Set-Listing-Content for set: Set-LO-0010-021



### TRAY-LO-0010-021 Tray for Fusion Lock Small Fragment Instrument SET-LO-0010-021

#### Set - Listing - Content: Instruments

Description	Pcs	REF-No.:
Tray for Fusion Lock Small Fragment Instrument SET-LO-0010-021	1	TRAY -LO-0010-021
Small Hexagonal Screw Driver for Self Holding Sleeve ( hexagonal Flats 2.5mm ) used for Ø 3.5 / Ø 4.0mm Screws	1	86-0368-025
Coupling Self-Holding Sleeve for Screw Driver REF. 86-0368-025	1	86-0390-060
T - Handle Small with AO - Quickcoupling	1	86-0211-044
Small Hexagonal Screw Driver-AO Shaft ( hexagonal Flats 2.5mm ) used for Ø 2.7 / Ø 3.5 / Ø 4.0mm Screws	1	86-0214-003
Small Countersink Ø 3.5mm used for Ø 2.7 / Ø 3.5 / Ø 4.0mm Screws	1	86-0210-089
Tap - AO Shaft Ø 3.5mm with cortical Pitch 1.25mm used for Ø 3.5mm cortical Screws	1	86-0211-032
Drill Bit AO - Shaft Ø 2.5mm x Length 110mm / 85mm used for Ø 3.5mm cortical Screws	2	86-0210-025
Drill Bit AO - Shaft Ø 2.8mm x Length 165mm calibrated used for Ø 3.5mm cortical Locking Screws	2	100-0130-030
Drill Bit AO - Shaft Ø 2.0mm x Length 165mm calibrated used for Ø 2.7mm cortical Locking Screws	2	100-0130-020
Depth Gauge used for Ø 2.7mm up to Ø 4.0mm Screws	1	86-0219-004
Universal Drill Guide 3.5mm / 2.5mm used for Tap Ø 3.5mm and Drill Bit Ø 2.5mm	1	86-0222-030
Small Screw Driver – AO Shaft with Star Bit 10 used for ø 2.7 / Ø 3.5mm locking screws	2	100-0152-015
Torque Limited Screw Driver 1.5 Nm with AO-Quickcoupling used for Ø 2.7 / Ø 3.5mm cortical Locking Screws	1	100-0150-015
Centring Sleeve Ø 1.6mm used for K-Wire Ø 1.6mm x 150mm	2	100-0140-060
Threaded Drill Guide Ø 2.8mm used for Ø 2.8mm Drill Bit REF. 100-0130-030	2	100-0140-040
Threaded Drill Guide Ø 2.0mm used for Ø 2.0mm Drill Bit REF. 100-0130-020	2	100-0140-020
Direct measurement device for K-wires Ø 1.6mm for use with threaded drill guide 2.5mm/centr. Sleeve 1.6mm	1	100-0140-080
Kirschner - Wire with Trocar Point and Round Shaft End Ø 1.6mm x Length 150mm	4	89-0310-016



#### Recommended sterilization container for Set-LO-0010-021

REF-No.:	STERILIZATION CONTAINER:
99-305-100	Container bottom non perforated 285 x 280 x 100 mm
99-300-010	Container lid perforated 285 x 280 mm



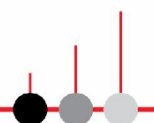


**Set-LO-0010-022 Fusion Small Fragment Screw Set used for 2.7mm/3.5mm  
Locking Screw - And Plate System**



**TRAY-011-0010-022 Tray for Fusion Lock Small Fragment Screw SET-LO-0010-022  
Set - Listing - Content**

REF.-No.:	product - description: Titanium Fullthreaded - Cortical Screws $\varnothing$ 3.5 mm, self-tapping	Pcs.:
90-0004-010ST	$\varnothing$ 3.5 mm x Length 10 mm	5
90-0004-012ST	$\varnothing$ 3.5 mm x Length 12 mm	5
90-0004-014ST	$\varnothing$ 3.5 mm x Length 14 mm	5
90-0004-016ST	$\varnothing$ 3.5 mm x Length 16 mm	5
90-0004-018ST	$\varnothing$ 3.5 mm x Length 18 mm	5
90-0004-020ST	$\varnothing$ 3.5 mm x Length 20 mm	5
90-0004-022ST	$\varnothing$ 3.5 mm x Length 22 mm	5
90-0004-024ST	$\varnothing$ 3.5 mm x Length 24 mm	5
90-0004-026ST	$\varnothing$ 3.5 mm x Length 26 mm	5
90-0004-028ST	$\varnothing$ 3.5 mm x Length 28 mm	5
90-0004-030ST	$\varnothing$ 3.5 mm x Length 30 mm	5
90-0004-032ST	$\varnothing$ 3.5 mm x Length 32 mm	5
90-0004-034ST	$\varnothing$ 3.5 mm x Length 34 mm	5
90-0004-036ST	$\varnothing$ 3.5 mm x Length 36 mm	5
90-0004-038ST	$\varnothing$ 3.5 mm x Length 38 mm	5
90-0004-040ST	$\varnothing$ 3.5 mm x Length 40 mm	5
90-0004-042ST	$\varnothing$ 3.5 mm x Length 42 mm	5
90-0004-045ST	$\varnothing$ 3.5 mm x Length 45 mm	5
90-0004-048ST	$\varnothing$ 3.5 mm x Length 48 mm	5
90-0004-050ST	$\varnothing$ 3.5 mm x Length 50 mm	5
90-0004-055ST	$\varnothing$ 3.5 mm x Length 55 mm	5
90-0004-060ST	$\varnothing$ 3.5 mm x Length 60 mm	5



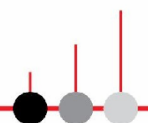


**Set-LO-0010-022 Fusion Small Fragment Screw Set used for 2.7mm/3.5mm  
Locking Screw - And Plate System**

TRAY-LO-0010-022 Tray for Fusion Lock Small Fragment Screw SET-LO-0010-022

**Set - Listing - Content**

REF-No.:	product - description: Titanium Locking Fullthreaded - Cortical Screws ø 3.5 mm, self-tapping	Pcs.:
90-0040-010ST	Ø 3.5 mm x Length 10 mm	5
90-0040-012ST	Ø 3.5 mm x Length 12 mm	5
90-0040-014ST	Ø 3.5 mm x Length 14 mm	5
90-0040-016ST	Ø 3.5 mm x Length 16 mm	5
90-0040-018ST	Ø 3.5 mm x Length 18 mm	5
90-0040-020ST	Ø 3.5 mm x Length 20 mm	5
90-0040-022ST	Ø 3.5 mm x Length 22 mm	5
90-0040-024ST	Ø 3.5 mm x Length 24 mm	5
90-0040-026ST	Ø 3.5 mm x Length 26 mm	5
90-0040-028ST	Ø 3.5 mm x Length 28 mm	5
90-0040-030ST	Ø 3.5 mm x Length 30 mm	5
90-0040-032ST	Ø 3.5 mm x Length 32 mm	5
90-0040-034ST	Ø 3.5 mm x Length 34 mm	5
90-0040-036ST	Ø 3.5 mm x Length 36 mm	5
90-0040-038ST	Ø 3.5 mm x Length 38 mm	5
90-0040-040ST	Ø 3.5 mm x Length 40 mm	5
90-0040-042ST	Ø 3.5 mm x Length 42 mm	5
90-0040-045ST	Ø 3.5 mm x Length 45 mm	5
90-0040-048ST	Ø 3.5 mm x Length 48 mm	5
90-0040-050ST	Ø 3.5 mm x Length 50 mm	5
90-0040-055ST	Ø 3.5 mm x Length 55 mm	5
90-0040-060ST	Ø 3.5 mm x Length 60 mm	5
REF-No.:	product - description: Titanium Locking Fullthreaded-Cortical Screws ø 2.7 mm, selftapping - cutting	Pcs.:
90-0030-018ST	Ø 2.7 mm x Length 18 mm	5
90-0030-020ST	Ø 2.7 mm x Length 20 mm	5
90-0030-022ST	Ø 2.7 mm x Length 22 mm	5
90-0030-024ST	Ø 2.7 mm x Length 24 mm	5
90-0030-026ST	Ø 2.7 mm x Length 26 mm	5
90-0030-028ST	Ø 2.7 mm x Length 28 mm	5
90-0030-030ST	Ø 2.7 mm x Length 30 mm	5
90-0030-032ST	Ø 2.7 mm x Length 32 mm	5
90-0030-034ST	Ø 2.7 mm x Length 34 mm	5
90-0030-036ST	Ø 2.7 mm x Length 36 mm	5
90-0030-038ST	Ø 2.7 mm x Length 38 mm	5
90-0030-040ST	Ø 2.7 mm x Length 40 mm	5
90-0030-045ST	Ø 2.7 mm x Length 45 mm	5





**Set-LO-0010-022 Fusion Small Fragment Screw Set used for 2.7mm/3.5mm  
Locking Screw - And Plate System**

**Set - Listing - Content**

REF-No.:	product - description: Titanium Fullthreaded - Cancellous Screws ø 4.0 mm	Pcs.:
90-0007-010T	Ø 4.0 mm x Length 10 mm	5
90-0007-012T	Ø 4.0 mm x Length 12 mm	5
90-0007-014T	Ø 4.0 mm x Length 14 mm	5
90-0007-016T	Ø 4.0 mm x Length 16 mm	5
90-0007-018T	Ø 4.0 mm x Length 18 mm	5
90-0007-020T	Ø 4.0 mm x Length 20 mm	5
90-0007-022T	Ø 4.0 mm x Length 22 mm	5
90-0007-024T	Ø 4.0 mm x Length 24 mm	5
90-0007-026T	Ø 4.0 mm x Length 26 mm	5
90-0007-028T	Ø 4.0 mm x Length 28 mm	5
90-0007-030T	Ø 4.0 mm x Length 30 mm	5
90-0007-032T	Ø 4.0 mm x Length 32 mm	5
90-0007-034T	Ø 4.0 mm x Length 34 mm	5
90-0007-036T	Ø 4.0 mm x Length 36 mm	5
90-0007-038T	Ø 4.0 mm x Length 38 mm	5
90-0007-040T	Ø 4.0 mm x Length 40 mm	5
90-0007-045T	Ø 4.0 mm x Length 45 mm	5
90-0007-050T	Ø 4.0 mm x Length 50 mm	5
90-0007-055T	Ø 4.0 mm x Length 55 mm	5
90-0007-060T	Ø 4.0 mm x Length 60 mm	5
REF-No.:	product - description: Titanium Locking Distance Bolt ø 3.5 mm	Pcs.:
90-0060-010	Ø 3.5 mm Distance Bolt	4
REF-No.:	product - description: Titanium Washer ø 2.7 mm / ø 3.5 mm	Pcs.:
90-0060-011WT	Ø 2.7 mm / Ø 3.5 mm Washer	4
REF-No.:	product - description :	Pcs.:
86-0219-097	Screw Forceps	1



**Recommended Sterilization Container for SET-LO-0010-022**

REF-No.:	Sterilization container :
99-305-100	Container bottom non perforated 285 x 280 x 100
99-300-010	Container lid perforated 285 x 280 mm





**TRAY-LO-0010-023 for Fusion small fragment variable plate  
Collection 2.7 mm / 3.5 mm Locking screw - and Plate system**



**TRAY -LO-0010-023 tray for Fusion Small Fragment Variable Plate  
Collection 2.7 mm/3.5 mm Locking Screw-and Plate System**



**Recommended Sterilization container for TRAY-LO-0010-023**

REF-No.:	Sterilization container :
99-305-100	Container bottom non perforated 285 x 280 x 100 mm
99-300-010	Container lid perforated 285 x 280 mm

