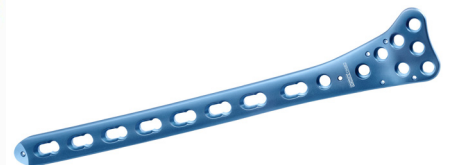


 **ORLOSI**

Ortho-Medical Locking Plate System



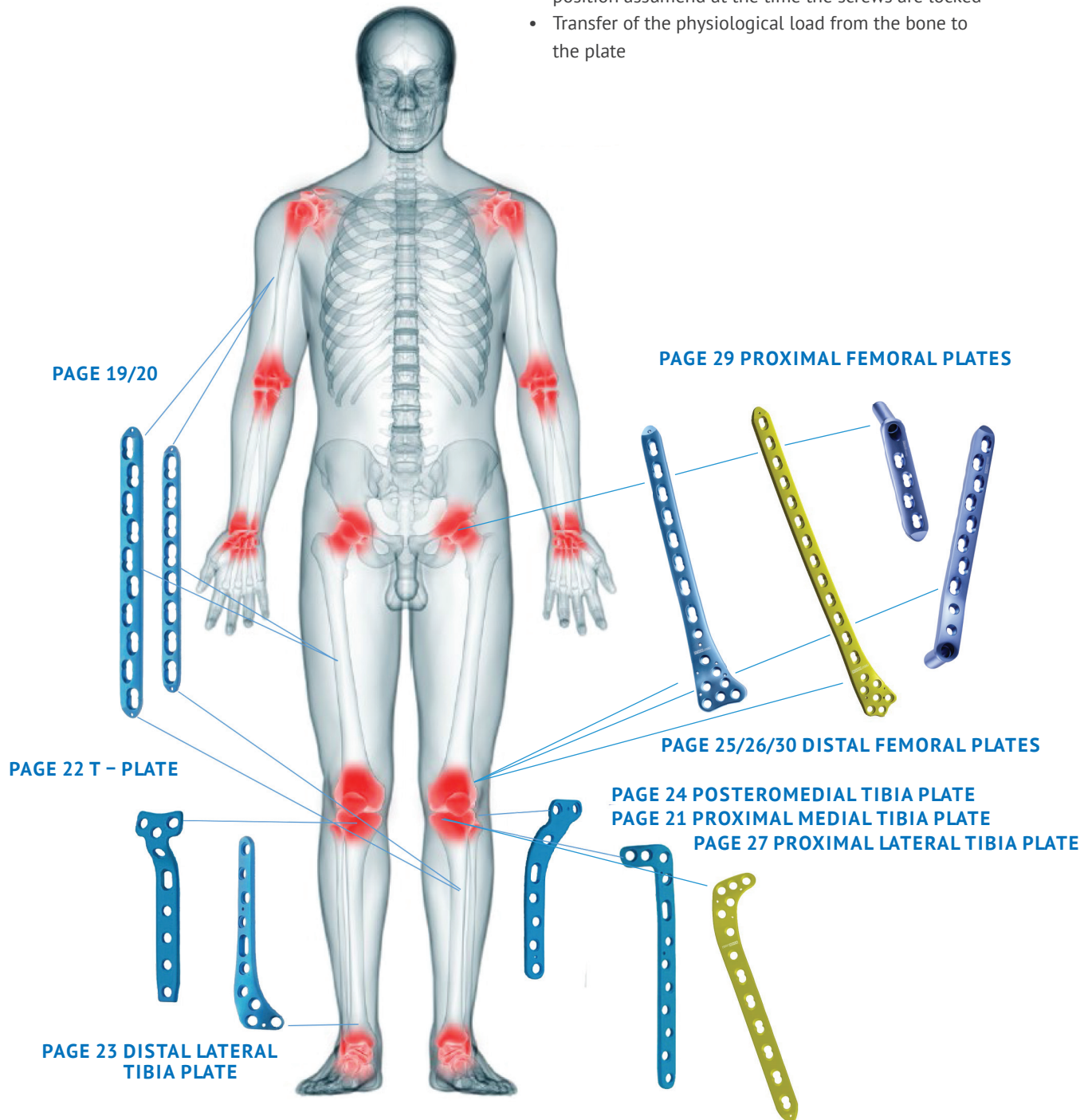
**LARGE FRAGMENT SYSTEM**

# ORLOS II

Ortho-Medical Locking Plate System

## ORLOS\_II LOCKING PLATE SYSTEM 4,5 - 5.0 MM

- Angular stable
- Locking or compression
- Support biological osteosynthesis in case of osteoporotic bone and multiple fractures
- Excessive torque is not applied to the cortical bone
- Self-tapping locking screws
- The bonefragments are reliably fixed in the position assumend at the time the screws are locked
- Transfer of the physiological load from the bone to the plate



### ADVANTAGE!

ALL ILLUSTRATED LOCKING PLATES ARE TO COMBINE WITH STANDARD DIA. 4.5 MM CORTICAL SCREWS

## TABLE OF CONTENTS

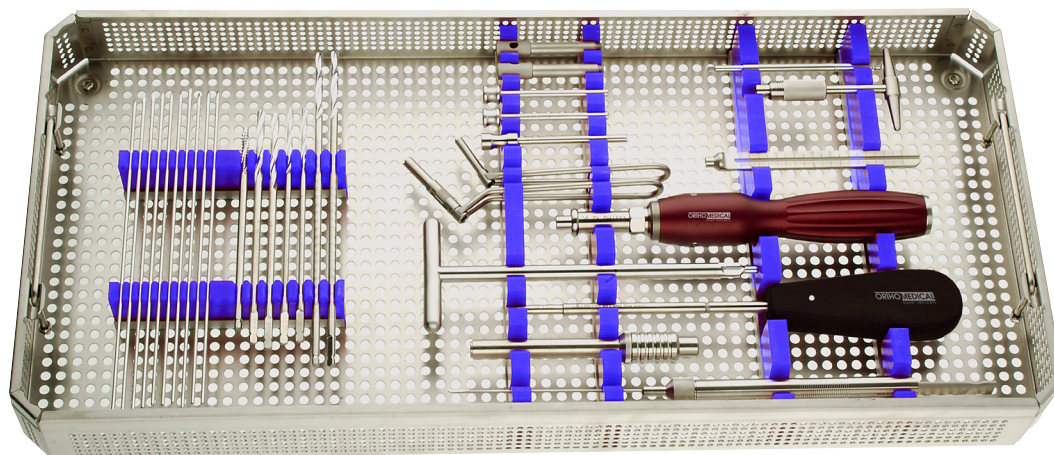
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PAGE 4	INSTRUMENT SET
PAGE 5	RECOMMENDED STERILIZATION CONTAINER
PAGE 6 UP TO 12	INSTRUMENTS
PAGE 13 UP TO 15	SCREWS / DISTANCE BOLT / WASHER
PAGE 16 UP TO 17	LARGE SCREW SET
PAGE 18	RECOMMENDED STERILIZATION CONTAINER FOR LARGE SCREW SET
PAGE 19 UP TO 27	LARGE LOCKING PLATES
PAGE 28	POLYAXIAL LOCKING SCREWS
PAGE 29	DYNAMIC HIP SCREW COMPRESSION PLATES
PAGE 30	DYNAMIC CONDYLAR SCREW COMPRESSION PLATES AND LAG SCREWS
PAGE 31	STANDARD INSTRUMENT SET FOR DYNAMIC HIP / CONDYLAR SCREW AND PLATES



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

SET – LISTING – CONTENT FOR SET-011-0010-024



TRAY-011-0010-024 Tray (with Graphic Lid) ORLOS II Lock Large Fragment Instrument SET-011-0010-024

INDEX (CONTENT): SET-011-0010-024

REF. - NO.	DESCRIPTION	PCS.
TRAY-011-0010-024	Tray (with Graphic Lid) ORLOS II Lock Large Fragment Instrument SET-011-0010-024	-1-
95-169.17	Drill Bit – AO Shaft Ø3.2mm x Length 145mm / 120mm	-2-
95-169.24	Drill Bit – AO Shaft Ø4.5mm x Length 145mm / 120mm	-2-
95-173.01	Countersink for 4.5mm - 6.5mm Screws	-1-
95-170.07	Tap 4.5mm x 125 / 70mm, with AO - Shaft, Long Thread (cortical pitch 1.75mm)	-1-
95-185.09	Insert Drill Sleeve, Ø4.5 / 3.2mm / 58mm	-1-
95-172.01	T-Handle with AO - Quickcoupling, for Taps	-1-
95-186.02	Tissue Tap Sleeve used for Dia. 3.5 Tap and Dia. 3.2mm Drill Bit	-1-
95-178.20	Large Hexagonal Screw Driver-AO Shaft, Length 100mm, AO-Coupling (Hex. Width. 3,5mm)	-1-
95-178.11	Large Hexagonal Screw Driver, Length 20cm (Hex. Width 3,5mm) with Coupling Self-Holding Sleeve	-1-
95-186.01	Tissue Protection - and Tap Sleeve, Dia. 4.5mm used for Dia. 4.5mm Taps	-1-
95-174.01	Depth Gauge for Ø4.5 up to Ø6.5mm Screws	-1-
102-0140-100	K-Wire Ø2.0mm x Length 190mm	-10-
102-0130-020	Drill Bit AO shaft Ø4.3mm x Length 195mm, calibrated (used for 5.0mm Locking Screws)	-2-
102-0140-020	Threaded Drill Guide Ø4.3mm for used Drill Bit Ø4.3mm REF. 102-0130-020	-2-
102-0140-060	Centring Sleeve Ø2.0mm for used K-Wire Ø2.0mm x Length 190mm REF. 102-0140-100	-2-
102-0140-080	Direct Measuring Device for used K-wire Ø2.0mm x Length 190mm REF. 102-0140-100	-1-
100-0150-025	Torque Limited Drive 2,5 Nm AO Quick Coupling	-1-

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

RECOMMENDED STERILIZATION CONTAINER FOR SET-011-0010-024



REF. - NO.	DESCRIPTION
60-500.10	1/1 Size Containers 580x280x100mm, (Lid perforated / Bottom non - perforated)



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM



REF. - NO.	DESCRIPTION
95-169.17	Drill Bit – AO Shaft Ø3.2mm x Length 145mm / 120mm
95-169.24	Drill Bit – AO Shaft Ø4.5mm x Length 145mm / 120mm



REF. - NO.	DESCRIPTION
102-0130-020	Drill Bit AO Shaft Ø4.3mm x Length 195mm, calibrated (used for 5.0mm Locking Screws)



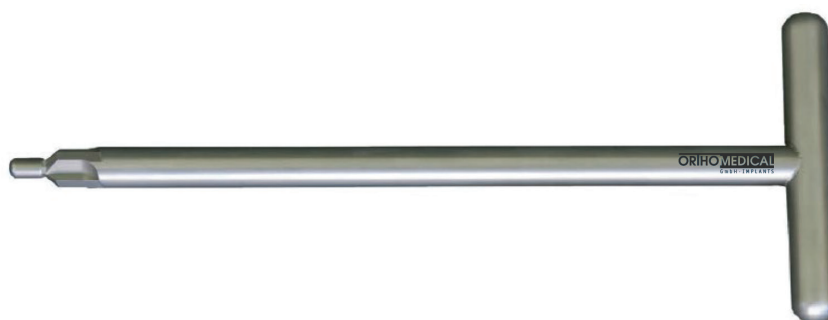
REF. - NO.	DESCRIPTION
95-170.07	Drill Bit – AO Shaft Ø4.5mm x Length 125mm / 70mm, Long Thread (cortical pitch 1,75mm)



REF. - NO.	DESCRIPTION
95-170.09	Taps Ø6,5 mm, AO Shaft (Pitch 2,75mm)



REF. - NO.	DESCRIPTION
95-173.02	Countersink, Dia. 3,2 mm, quick coupling



REF. - NO.	DESCRIPTION
95-173.01	Countersink for 4.5mm - 6.5mm Screws



REF. - NO.	DESCRIPTION
102-0140-100	K-Wire Ø2.0mm x Length 190mm

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM



REF. - NO.	DESCRIPTION
95-185.09	Insert Drill Sleeve, Ø4.5 / 3.2mm / 58mm



REF. - NO.	DESCRIPTION
95-186.01	Tissue Protection - and Tap Sleeve, Dia. 4.5mm used for Dia. 4.5mm Taps



REF. - NO.	DESCRIPTION
95-186.02	Tissue Tap Sleeve used for Dia. 3.5 Tap and Dia. 3.2mm Drill Bit



REF. - NO.	DESCRIPTION
95-185.01	Drill Guide Dia. 3,2mm for Plates with round Holes



REF. - NO.	DESCRIPTION
95-187.02	Double Drill Guide for Dia. 3,2mm Drill Bit and Dia 6,5mm Tap

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM



REF. - NO.	DESCRIPTION
95-188.00	Pointed Drill Guide



REF. - NO.	DESCRIPTION
102-0140-020	Threaded Drill Guide Ø4.3mm for used Drill Bit Ø4.3mm REF. 102-0130-020



REF. - NO.	DESCRIPTION
102-0140-020P	Polyaxial Threaded Drill Guide Ø4.3mm for used Drill Bit Ø4.3mm REF. 102-0130-020



REF. - NO.	DESCRIPTION
102-0140-060	Centring Sleeve Ø2.0mm for used K-wire Ø2.0mm x Length 190mm REF. 102-0140-100



REF. - NO.	DESCRIPTION
102-0140-080	Direct Measuring Device for used K-wire Ø2.0mm x Length 190mm REF. 102-0140-100



REF. - NO.	DESCRIPTION
95-174.01	Depth Gauge for Ø4.5 up to Ø6.5mm Screws



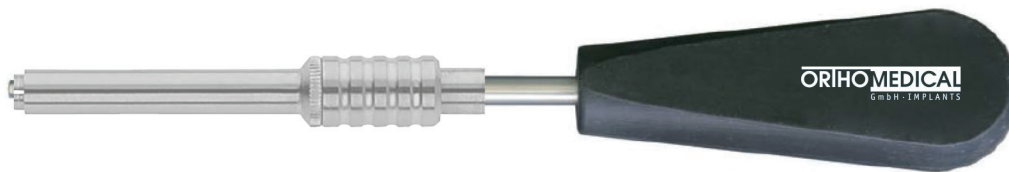
REF. - NO.	DESCRIPTION
95-175.00	Sharp Hook



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM



REF. - NO.	DESCRIPTION
95-176.03	Large Hexagonal Screw Driver, Length 20cm, (Hex. Width 3,5mm)



REF. - NO.	DESCRIPTION
95-178.11	Large Hexagonal Screw Driver, Length 20cm (Hex. Width 3,5mm) with Coupling Self-Holding Sleeve



REF. - NO.	DESCRIPTION
95-178.011	Coupling Self-Holding Sleeve, Long, for Screw Driver REF.: 95-176.03 (used for Ø4.5/6.5/7.0 mm screws)

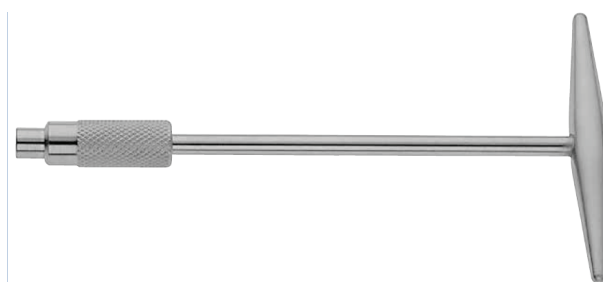


REF. - NO.	DESCRIPTION
92-900.95	Silicon Handle Ø 25 x 135mm AO Coupling

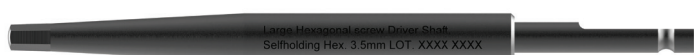


REF. - NO.	DESCRIPTION
95-172.01	T-Handle with AO - Quickcoupling, for Taps

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM



REF. - NO.	DESCRIPTION
30-06-16-1600	T-Handle Large with AO – Quickcoupling, for Taps



REF. - NO.	DESCRIPTION
95-178.20	Large Hexagonal Screw Driver-AO Shaft, Length 100mm, AO-Coupling (Hex. Width. 3,5mm)
95-178.20SH	Large Hexagonal Screw Driver-AO Shaft, Length 100mm, AO-Coupling (Hex. Width. 3,5mm), selfholding



REF. - NO.	DESCRIPTION
100-0150-025	Torque Limited Drive 2,5 Nm AO Quick Coupling



REF. - NO.	DESCRIPTION
92-910.00	Torque Limited Drive 4 Nm AO Quick Coupling + Silicon T - Handle

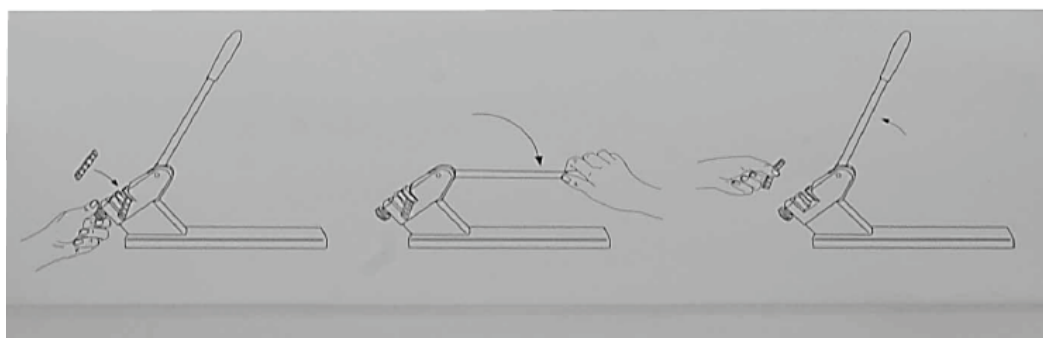
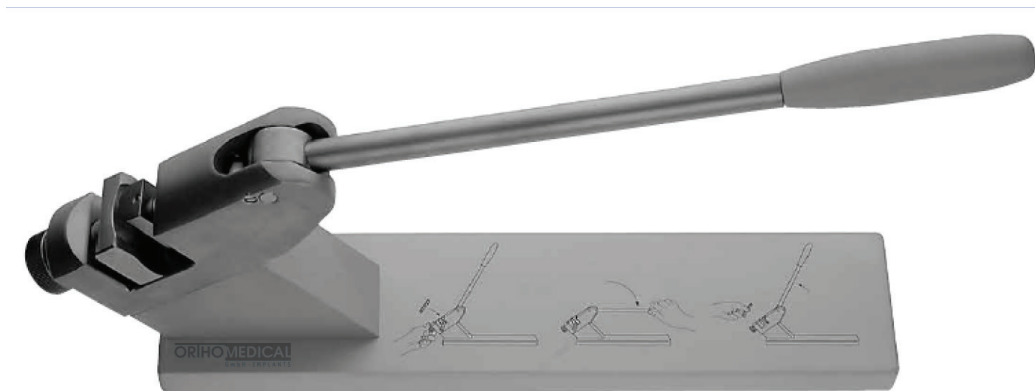


REF. - NO.	DESCRIPTION
92-910.04	Torque Limited Screw Driver 4,0 Nm, AO Quickcoupling and AO Shaft - Adapter (Connection)

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM



REF. - NO.	DESCRIPTION
95-190.01	Large Bending Iron, Beak Opening, 4 and 6mm (use in Pairs)

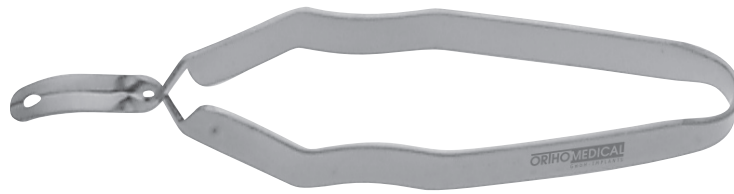


REF. - NO.	DESCRIPTION
95-191.00	Plate Bending Press for Straight and Angled Plates up to 6mm

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM



REF. - NO.	DESCRIPTION
95-192.02	Bending Forceps used for Large Plates 3mm



REF. - NO.	DESCRIPTION
95-193.00	Screw Forceps



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

### Product - Description:

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

### Important Technical Dimensions:

Head Diameter Ø 8.0 mm

Hexagonal Socket width 3.5mm

Head Thread M7 / Pitch 1.0 mm

Core Diameter Ø 4.3 mm

Thread Pitch (Cortical Shaft Thread) 1.0 mm

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

**NOTE: Tapping is not applicable for this screws**

Material: Titanium



REF. - NO.	DIAMETER AND COMPLETE LENGTH	REF. - NO.	DIAMETER AND COMPLETE LENGTH
102-0030-014ST	Ø 5.0 mm x Length 14 mm	102-0030-044ST	Ø 5.0 mm x Length 44 mm
102-0030-016ST	Ø 5.0 mm x Length 16 mm	102-0030-046T	Ø 5.0 mm x Length 46 mm
102-0030-018ST	Ø 5.0 mm x Length 18 mm	102-0030-048ST	Ø 5.0 mm x Length 48 mm
102-0030-020ST	Ø 5.0 mm x Length 20 mm	102-0030-050ST	Ø 5.0 mm x Length 50 mm
102-0030-022ST	Ø 5.0 mm x Length 22 mm	102-0030-055ST	Ø 5.0 mm x Length 55 mm
102-0030-024ST	Ø 5.0 mm x Length 24 mm	102-0030-060ST	Ø 5.0 mm x Length 60 mm
102-0030-026ST	Ø 5.0 mm x Length 26 mm	102-0030-065ST	Ø 5.0 mm x Length 65 mm
102-0030-028ST	Ø 5.0 mm x Length 28 mm	102-0030-070ST	Ø 5.0 mm x Length 70 mm
102-0030-030ST	Ø 5.0 mm x Length 30 mm	102-0030-075ST	Ø 5.0 mm x Length 75 mm
102-0030-032ST	Ø 5.0 mm x Length 32 mm	102-0030-080ST	Ø 5.0 mm x Length 80 mm
102-0030-034ST	Ø 5.0 mm x Length 34 mm	102-0030-085ST	Ø 5.0 mm x Length 85 mm
102-0030-036ST	Ø 5.0 mm x Length 36 mm	102-0030-090ST	Ø 5.0 mm x Length 90 mm
102-0030-038ST	Ø 5.0 mm x Length 38 mm	102-0030-095ST	Ø 5.0 mm x Length 95 mm
102-0030-040ST	Ø 5.0 mm x Length 40 mm	102-0030-100ST	Ø 5.0 mm x Length 100 mm
102-0030-042ST	Ø 5.0 mm x Length 42 mm		

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

Titanium Distance Bolt

**Important Technical Dimensions:**

Head Diameter Ø 8.0 mm

Hexagonal Socket width 3.5mm

Head Thread M7 / Pitch 1.0 mm

Material: Titanium



REF. - NO.	DESCRIPTION
102-0060-010	Titanium Distance Bolt

**Product - Description:**

Titanium Washer used for  
Standard Titanium Screws

Ø 4.5 mm / Ø 6.5 mm

Material: Titanium



REF. - NO.	DESCRIPTION
95-121.13TI	Titanium Washer Ø 4.5 mm / Ø 6.5 mm

**Product - Description:**

Titanium Cable Saddle Bolt

**Important Technical Dimensions:**

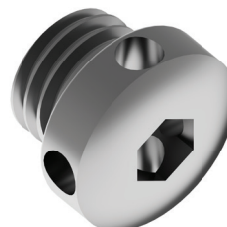
Head Diameter 10.0 mm

Hexagonal Socket width

3.5mm Head Thread M7 /

Pitch 1.0 mm Material:

Titanium



REF. - NO.	DESCRIPTION
102-0070-010	Titanium Cable Saddle Bolt, 5.0 mm LCP System (Used for Cable max. Dia 2.0 mm)

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

### Product - Description:

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

### Important Technical Dimensions:

Head Diameter Ø 8.0 mm

Hexagonal Socket width 3.5mm

Core Diameter Ø 3.2 mm

Thread Pitch 1.75 mm

Applicable Drill Bit for Thread Hole Ø 3.2 mm x Length 145 mm / 120 mm

**NOTE: Tapping is not applicable for this screws**

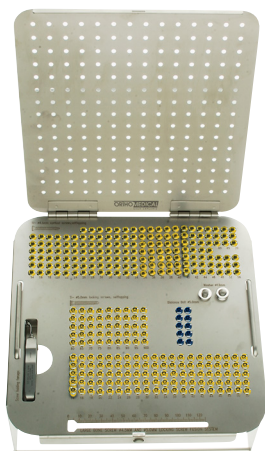
Material: Titanium



REF. - NO.	DIAMETER AND COMPLETE LENGTH	REF. - NO.	DIAMETER AND COMPLETE LENGTH
95-131.12TIST	Ø 4.5 mm x Length 12 mm	95-131.52TIST	Ø 4.5 mm x Length 52 mm
95-131.14TIST	Ø 4.5 mm x Length 14 mm	95-131.54TIST	Ø 4.5 mm x Length 54 mm
95-131.16TIST	Ø 4.5 mm x Length 16 mm	95-131.56TIST	Ø 4.5 mm x Length 56 mm
95-131.18TIST	Ø 4.5 mm x Length 18 mm	95-131.58TIST	Ø 4.5 mm x Length 58 mm
95-131.20TIST	Ø 4.5 mm x Length 20 mm	95-131.60TIST	Ø 4.5 mm x Length 60 mm
95-131.22TIST	Ø 4.5 mm x Length 22 mm	95-131.62TIST	Ø 4.5 mm x Length 62 mm
95-131.24TIST	Ø 4.5 mm x Length 24 mm	95-131.64TIST	Ø 4.5 mm x Length 64 mm
95-131.26TIST	Ø 4.5 mm x Length 26 mm	95-131.65TIST	Ø 4.5 mm x Length 65 mm
95-131.28TIST	Ø 4.5 mm x Length 28 mm	95-131.70TIST	Ø 4.5 mm x Length 70 mm
95-131.30TIST	Ø 4.5 mm x Length 30 mm	95-131.75TIST	Ø 4.5 mm x Length 75 mm
95-131.32TIST	Ø 4.5 mm x Length 32 mm	95-131.80TIST	Ø 4.5 mm x Length 80 mm
95-131.34TIST	Ø 4.5 mm x Length 34 mm	95-131.85TIST	Ø 4.5 mm x Length 85 mm
95-131.36TIST	Ø 4.5 mm x Length 36 mm	95-131.90TIST	Ø 4.5 mm x Length 90 mm
95-131.38TIST	Ø 4.5 mm x Length 38 mm	95-131.95TIST	Ø 4.5 mm x Length 95 mm
95-131.40TIST	Ø 4.5 mm x Length 40 mm	95-131.100TIST	Ø 4.5 mm x Length 100 mm
95-131.42TIST	Ø 4.5 mm x Length 42 mm	95-131.105TIST	Ø 4.5 mm x Length 105 mm
95-131.44TIST	Ø 4.5 mm x Length 44 mm	95-131.110TIST	Ø 4.5 mm x Length 110 mm
95-131.46TIST	Ø 4.5 mm x Length 46 mm	95-131.115TIST	Ø 4.5 mm x Length 115 mm
95-131.48TIST	Ø 4.5 mm x Length 48 mm	95-131.120TIST	Ø 4.5 mm x Length 120 mm
95-131.50TIST	Ø 4.5 mm x Length 50 mm		

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

SET – LISTING – CONTENT FOR SET-011-0010-025



TRAY-011-0010-025 Tray for ORLOS II Lock Large Fragment Screw SET-011-0010-025  
INDEX (CONTENT) PAGE 16 UP TO PAGE 17 : SET-011-0010-025

REF. - NO.	DESCRIPTION	PCS.
TRAY-011-0010-024	Tray ORLOS II Lock Large Fragment Screw SET-011-0010-025	-1-
REF. - NO.	TITANIUM LOCKING SCREWS, FULLTHREADED Ø 5.0 MM, SELF-TAPPING	PCS.
102-0030-014ST	Ø 5.0 mm x Length 14 mm	-5-
102-0030-016ST	Ø 5.0 mm x Length 16 mm	-5-
102-0030-018ST	Ø 5.0 mm x Length 18 mm	-5-
102-0030-020ST	Ø 5.0 mm x Length 20 mm	-5-
102-0030-022ST	Ø 5.0 mm x Length 22 mm	-5-
102-0030-024ST	Ø 5.0 mm x Length 24 mm	-5-
102-0030-026ST	Ø 5.0 mm x Length 26 mm	-5-
102-0030-028ST	Ø 5.0 mm x Length 28 mm	-5-
102-0030-030ST	Ø 5.0 mm x Length 30 mm	-5-
102-0030-032ST	Ø 5.0 mm x Length 32 mm	-5-
102-0030-034ST	Ø 5.0 mm x Length 34 mm	-5-
102-0030-036ST	Ø 5.0 mm x Length 36 mm	-5-
102-0030-038ST	Ø 5.0 mm x Length 38 mm	-5-
102-0030-040ST	Ø 5.0 mm x Length 40 mm	-5-
102-0030-042ST	Ø 5.0 mm x Length 42 mm	-5-
102-0030-044ST	Ø 5.0 mm x Length 44 mm	-5-
102-0030-046T	Ø 5.0 mm x Length 46 mm	-5-
102-0030-048ST	Ø 5.0 mm x Length 48 mm	-5-
102-0030-050ST	Ø 5.0 mm x Length 50 mm	-5-
102-0030-055ST	Ø 5.0 mm x Length 55 mm	-5-
102-0030-060ST	Ø 5.0 mm x Length 60 mm	-5-
102-0030-065ST	Ø 5.0 mm x Length 65 mm	-5-
102-0030-070ST	Ø 5.0 mm x Length 70 mm	-5-
102-0030-075ST	Ø 5.0 mm x Length 75 mm	-5-



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

SET – LISTING – CONTENT FOR SET-011-0010-025  
 INDEX (CONTENT) PAGE 16 UP TO PAGE 17 : SET-011-0010-025

REF. - NO.	DESCRIPTION	PCS.
102-0030-080ST	Ø 5.0 mm x Length 80 mm	-5-
102-0030-085ST	Ø 5.0 mm x Length 85 mm	-5-
102-0030-090ST	Ø 5.0 mm x Length 90 mm	-5-
REF. - NO.	TITANIUM CORTICAL SCREWS, FULLTHREADED Ø 4.5 MM, SELF-TAPPING	PCS.
95-131.12TIST	Ø 4.5 mm x Length 12 mm	-5-
95-131.14TIST	Ø 4.5 mm x Length 14 mm	-5-
95-131.16TIST	Ø 4.5 mm x Length 16 mm	-5-
95-131.18TIST	Ø 4.5 mm x Length 18 mm	-5-
95-131.20TIST	Ø 4.5 mm x Length 20 mm	-5-
95-131.22TIST	Ø 4.5 mm x Length 22 mm	-5-
95-131.24TIST	Ø 4.5 mm x Length 24 mm	-5-
95-131.26TIST	Ø 4.5 mm x Length 26 mm	-5-
95-131.28TIST	Ø 4.5 mm x Length 28 mm	-5-
95-131.30TIST	Ø 4.5 mm x Length 30 mm	-5-
95-131.32TIST	Ø 4.5 mm x Length 32 mm	-5-
95-131.34TIST	Ø 4.5 mm x Length 34 mm	-5-
95-131.36TIST	Ø 4.5 mm x Length 36 mm	-5-
95-131.38TIST	Ø 4.5 mm x Length 38 mm	-5-
95-131.40TIST	Ø 4.5 mm x Length 40 mm	-5-
95-131.42TIST	Ø 4.5 mm x Length 42 mm	-5-
95-131.44TIST	Ø 4.5 mm x Length 44 mm	-5-
95-131.46TIST	Ø 4.5 mm x Length 46 mm	-5-
95-131.48TIST	Ø 4.5 mm x Length 48 mm	-5-
95-131.50TIST	Ø 4.5 mm x Length 50 mm	-5-
95-131.52TIST	Ø 4.5 mm x Length 52 mm	-5-
95-131.54TIST	Ø 4.5 mm x Length 54 mm	-5-
95-131.56TIST	Ø 4.5 mm x Length 56 mm	-5-
95-131.58TIST	Ø 4.5 mm x Length 58 mm	-5-
95-131.60TIST	Ø 4.5 mm x Length 60 mm	-5-
95-131.62TIST	Ø 4.5 mm x Length 62 mm	-5-
95-131.64TIST	Ø 4.5 mm x Length 64 mm	-5-
95-131.65TIST	Ø 4.5 mm x Length 65 mm	-5-
95-131.70TIST	Ø 4.5 mm x Length 70 mm	-5-
REF. - NO.	DESCRIPTION	PCS.
102-0060-010	Titanium Distance Bolt	-6-
REF. - NO.	DESCRIPTION	PCS.
95-121.13TI	Titanium Washer Ø 4.5 mm / Ø 6.5 mm	-10-
REF. - NO.	DESCRIPTION	PCS.
95-193.00	Screw Forceps	-1-

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

RECOMMENDED STERILIZATION CONTAINER FOR SET-011-0010-025



REF. - NO.	STERILIZATION CONTAINER
60-520.20	1/2 Size Containers 285x280x200mm, (Lid perforated / Bottom non - perforated)



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

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

**Important Technical Dimensions:**

Thickness 5.2 mm

Broad / Shaft 17.6 mm

Distance Hole / Shaft 18.0 mm

Material: Titanium

Applicable for Fixation of Long Bones (Diaphysis), such as Humeral, Tibia and Femur, for periprosthetic Fractures.

**Advantage of High Fixation Stability with Left / Right = 4° Angled Locking Holes !**



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES
102-0100-116	Length 116 mm x Hole 6
102-0100-152	Length 152 mm x Hole 8
102-0100-170	Length 170 mm x Hole 9
102-0100-188	Length 188 mm x Hole 10
102-0100-206	Length 206 mm x Hole 11
102-0100-224	Length 224 mm x Hole 12
102-0100-242	Length 242 mm x Hole 13
102-0100-260	Length 260 mm x Hole 14
102-0100-278	Length 278 mm x Hole 15
102-0100-306	Length 296 mm x Hole 16



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

### Product - Description:

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

### Important Technical Dimensions:

Thickness 4.3 mm

Broad / Shaft 13.5 mm

Distance Hole / Shaft 18.0 mm

Material: Titanium

Applicable for Fixation of Long Bones ( Diaphysis ), such as Humeral, Tibia and Femur, for periprosthetic Fractures.

**Advantage of High Fixation Stability with Left / Right = 4° Angled Locking Holes !**



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES
102-0101-098	Length 98 mm x Hole 5
102-0101-116	Length 116 mm x Hole 6
102-0101-134	Length 134 mm x Hole 7
102-0101-152	Length 152 mm x Hole 8
102-0101-170	Length 170 mm x Hole 9
102-0101-188	Length 188 mm x Hole 10
102-0101-206	Length 206 mm x Hole 11
102-0101-224	Length 224 mm x Hole 12
102-0101-242	Length 242 mm x Hole 13
102-0101-260	Length 260 mm x Hole 14
102-0101-296	Length 296 mm x Hole 16



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

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

**Important Technical Dimensions:**

Thickness 2.9 mm

Broad / Shaft 14.7 mm

Distance Hole / Shaft 15.0 mm

Material: Titanium

Applicable for Fixation of Tibia Medial Wedge, Depression, bicondylar and Fractures with associated Shaft Fractures



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / RIGHT PLATES
102-0102-004	Length 101 mm x 4 Hole RIGHT
102-0102-006	Length 131 mm x 6 Hole RIGHT
102-0102-008	Length 161 mm x 8 Hole RIGHT
102-0102-010	Length 191 mm x 10 Hole RIGHT
REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / LEFT PLATES
102-0103-004	Length 101 mm x 4 Hole LEFT
102-0103-006	Length 131 mm x 6 Hole LEFT
102-0103-008	Length 161 mm x 8 Hole LEFT
102-0103-010	Length 191 mm x 10 Hole LEFT



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

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

**Important Technical Dimensions:**

Thickness 2.5 mm

Broad / Shaft 16.7 mm

Distance Hole / Shaft 16.0 mm

Material: Titanium

Applicable for Fixation of Buttress metaphyseal Fractures, proximal Tibia Plateau with associated Shaft Fractures.



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES
102-0104-004	Length 85 mm x Hole 4
102-0104-005	Length 101 mm x Hole 5
102-0104-006	Length 117 mm x Hole 6
102-0104-007	Length 133 mm x Hole 7
102-0104-008	Length 149 mm x Hole 8



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

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

**Important Technical Dimensions:**

Thickness 3.7 mm

Broad / Shaft 15.0 mm

Distance Hole / Shaft 15.0 mm

Material: Titanium

Applicable for Fixation of distal Fractures with associated Shaft Fracturs.



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / RIGHT PLATES
102-0105-005	Length 121 mm x 5 Hole RIGHT
102-0105-006	Length 136 mm x 6 Hole RIGHT
102-0105-008	Length 166 mm x 8 Hole RIGHT
REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / LEFT PLATES
102-0106-005	Length 121 mm x 5 Hole LEFT
102-0106-006	Length 136 mm x 6 Hole LEFT
102-0106-008	Length 166 mm x 8 Hole LEFT



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

### Product - Description:

Titanium Posteromedial Tibia Locking Plate 5.0 mm, without Combi Hole

### Important Technical Dimensions:

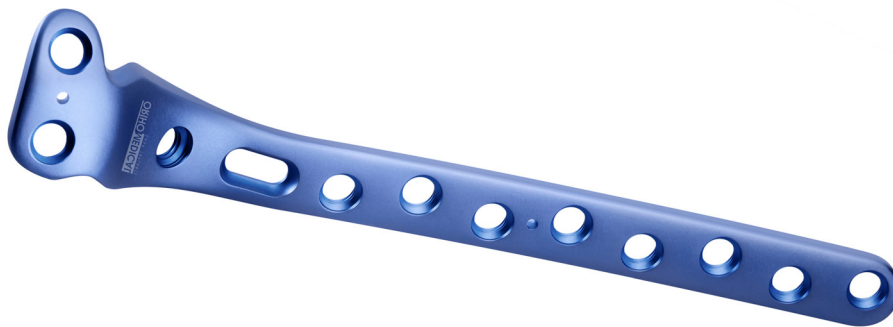
Thickness 2.9 mm

Broad / Shaft 16.0 mm

Distance Hole / Shaft 15.0 mm

Material: Titanium

Applicable for Fixation proximal Tibia Fracture including buttressing of Fractures of the proximal, distal metaphyseal Tibia Areas.



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / RIGHT PLATES
102-0107-005	Length 115 mm x 5 Hole RIGHT
102-0107-007	Length 145 mm x 7 Hole RIGHT
102-0107-009	Length 175 mm x 9 Hole RIGHT
102-0107-011	Length 205 mm x 11 Hole RIGHT
102-0107-013	Length 235 mm x 13 Hole RIGHT
REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / LEFT PLATES
102-0108-005	Length 115 mm x 5 Hole LEFT
102-0108-007	Length 145 mm x 7 Hole LEFT
102-0108-009	Length 175 mm x 9 Hole LEFT
102-0108-011	Length 205 mm x 11 Hole LEFT
102-0108-013	Length 235 mm x 13 Hole LEFT



## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

Titanium Distal Femur Buttress Locking Plate 5.0 mm, with Combi Hole

**Important Technical Dimensions:**

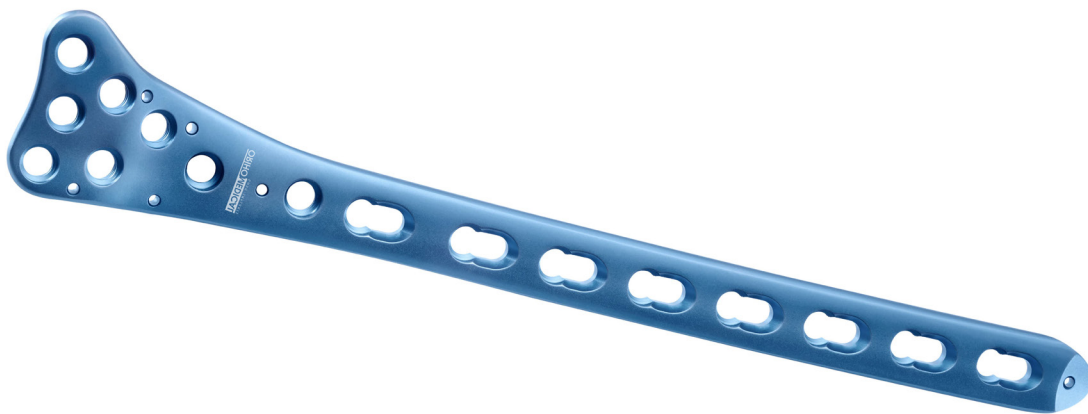
Thickness 5.6 mm

Broad / Shaft 16.0 mm

Distance Hole / Shaft 20.0 mm

Material: Titanium

Applicable for Fixation of buttressing multifragmental distal Femur Fractures.



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / RIGHT PLATES
102-0109-005	Length 159 mm x 5 Hole RIGHT
102-0109-007	Length 199 mm x 7 Hole RIGHT
102-0109-009	Length 239 mm x 9 Hole RIGHT
102-0109-011	Length 279 mm x 11 Hole RIGHT
102-0109-013	Length 319 mm x 13 Hole RIGHT
REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / LEFT PLATES
102-0110-005	Length 159 mm x 5 Hole LEFT
102-0110-007	Length 199 mm x 7 Hole LEFT
102-0110-009	Length 239 mm x 9 Hole LEFT
102-0110-011	Length 279 mm x 11 Hole LEFT
102-0110-013	Length 319 mm x 13 Hole LEFT

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

Titanium 5.0 mm Distal Femoral Locking Plate, with Combi Hole

**Important Technical Dimensions:**

Thickness 5.6 mm

Broad / Shaft 16.0 mm

Distance Hole / Shaft 20.0 mm

Material: Titanium

Applicable for Fixation of buttressing multifragmental distal Femur Fractures.



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / RIGHT PLATES
102-0111-005	Length 156 mm x 5 Hole RIGHT
102-0111-007	Length 196 mm x 7 Hole RIGHT
102-0111-009	Length 236 mm x 9 Hole RIGHT
102-0111-011	Length 276 mm x 11 Hole RIGHT
102-0111-013	Length 316 mm x 13 Hole RIGHT
REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / LEFT PLATES
102-0112-005	Length 156 mm x 5 Hole LEFT
102-0112-007	Length 196 mm x 7 Hole LEFT
102-0112-009	Length 236 mm x 9 Hole LEFT
102-0112-011	Length 276 mm x 11 Hole LEFT
102-0112-013	Length 316 mm x 13 Hole LEFT

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

Titanium 5.0 mm Proximal Lateral Locking Plate, with Combi Hole

**Important Technical Dimensions:**

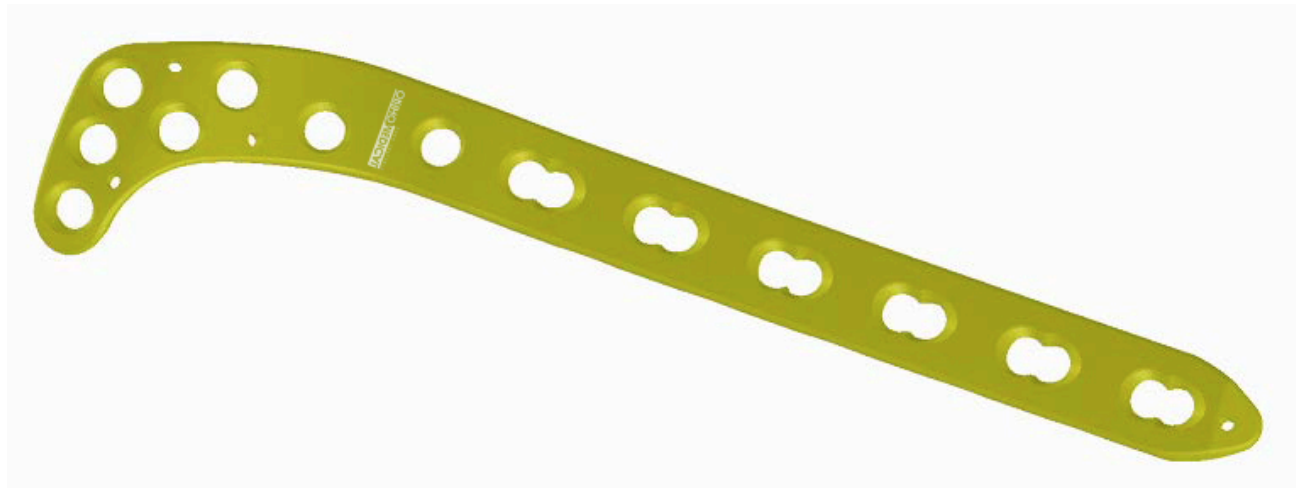
Thickness 4.2 mm

Broad / Shaft 16.2 mm

Distance Hole / Shaft 18.0 mm

Material: Titanium

Applicable for Fixation proximal Tibia Fracture including buttressing of Fractures of the proximal, distal metaphyseal Tibia Areas.



REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / RIGHT PLATES
102-0115-104	Length 82 mm x 4 Hole RIGHT
102-0115-106	Length 118 mm x 6 Hole RIGHT
102-0115-108	Length 154 mm x 8 Hole RIGHT
102-0115-110	Length 190 mm x 10 Hole RIGHT
102-0115-112	Length 226 mm x 12 Hole RIGHT
102-0115-114	Length 262 mm x 14 Hole RIGHT
102-0115-116	Length 298 mm x 16 Hole RIGHT
REF. - NO.	COMPLETE LENGTH IN MM AND HOLES / LEFT PLATES
102-0116-104	Length 82 mm x 4 Hole LEFT
102-0116-106	Length 118 mm x 6 Hole LEFT
102-0116-108	Length 154 mm x 8 Hole LEFT
102-0116-110	Length 190 mm x 10 Hole LEFT
102-0116-112	Length 226 mm x 12 Hole LEFT
102-0116-114	Length 262 mm x 14 Hole LEFT
102-0116-116	Length 298 mm x 16 Hole LEFT

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

### Product - Description:

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

### Important Technical Dimensions:

Head Diameter Ø 7.2 mm

Hexagonal Socket width 3.5mm

Head thread Pitch 1.0mm

Core Diameter Ø 4.3 mm

Thread Pitch ( Cortical Shaft Thread ) 1.0 mm

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

**NOTE:** Tapping is not applicable for this screws

Material: Titanium



REF. - NO.	DIAMETER AND COMPLETE LENGTH	REF. - NO.	DIAMETER AND COMPLETE LENGTH
102-0030-014STP	Ø 5.0 mm x Length 14 mm	102-0030-044STP	Ø 5.0 mm x Length 44 mm
102-0030-016STP	Ø 5.0 mm x Length 16 mm	102-0030-046STP	Ø 5.0 mm x Length 46 mm
102-0030-018STP	Ø 5.0 mm x Length 18 mm	102-0030-048STP	Ø 5.0 mm x Length 48 mm
102-0030-020STP	Ø 5.0 mm x Length 20 mm	102-0030-050STP	Ø 5.0 mm x Length 50 mm
102-0030-022STP	Ø 5.0 mm x Length 22 mm	102-0030-055STP	Ø 5.0 mm x Length 55 mm
102-0030-024STP	Ø 5.0 mm x Length 24 mm	102-0030-060STP	Ø 5.0 mm x Length 60 mm
102-0030-026STP	Ø 5.0 mm x Length 26 mm	102-0030-065STP	Ø 5.0 mm x Length 65 mm
102-0030-028STP	Ø 5.0 mm x Length 28 mm	102-0030-070STP	Ø 5.0 mm x Length 70 mm
102-0030-030STP	Ø 5.0 mm x Length 30 mm	102-0030-075STP	Ø 5.0 mm x Length 75 mm
102-0030-032STP	Ø 5.0 mm x Length 32 mm	102-0030-080STP	Ø 5.0 mm x Length 80 mm
102-0030-034STP	Ø 5.0 mm x Length 34 mm	102-0030-085STP	Ø 5.0 mm x Length 85 mm
102-0030-036STP	Ø 5.0 mm x Length 36 mm	102-0030-090STP	Ø 5.0 mm x Length 90 mm
102-0030-038STP	Ø 5.0 mm x Length 38 mm	102-0030-095STP	Ø 5.0 mm x Length 95 mm
102-0030-040STP	Ø 5.0 mm x Length 40 mm	102-0030-100STP	Ø 5.0 mm x Length 100 mm
102-0030-042STP	Ø 5.0 mm x Length 42 mm		

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

Titanium Dynamic Hip Screw Compression Plate CCD Angle 135° / 5.0 mm with Combi Hole, Low Touch Locking Plate.

**Important Technical Dimensions:**

Thickness 5.8 mm  
Broad / Shaft 19.0 mm  
Distance Hole / Shaft 16.0 mm  
Barrel Length 38.0mm

Applicable for Fixation of Trochanteric, certain Suptrochanteric and for selected Basi-Cervical Femoral Fractures.



REF. - NO.	ANGLE 135 ° X HOLES
95-079.02TI	135° x 2 Hole
95-079.03TI	135° x 3 Hole
95-079.04TI	135° x 4 Hole
95-079.05TI	135° x 5 Hole
95-079.06TI	135° x 6 Hole
95-079.07TI	135° x 7 Hole
95-079.08TI	135° x 8 Hole
95-079.10TI	135° x 10 Hole
95-079.12TI	135° x 12 Hole
95-079.14TI	135° x 14 Hole

**Product - Description:**

Titanium Short Barrel Dynamic Hip Screw Compression Plate CCD Angle 135° / 5.0 mm with Combi Hole, Low Touch Locking Plate.

**Important Technical Dimensions:**

Thickness 5.8 mm  
Broad / Shaft 19.0 mm  
Distance Hole / Shaft 16.0 mm  
Barrel Length 25.0mm

Applicable for Fixation of Trochanteric, certain Suptrochanteric and for selected Basi-Cervical Femoral Fractures.

REF. - NO.	ANGLE 135 ° X HOLES
95-279.04TI	135° x 4 Hole
95-279.05TI	135° x 5 Hole
95-279.06TI	135° x 6 Hole

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

**Product - Description:**

Titanium Dynamic Condylar Screw Compression Plate 95° / 5.0 mm with Combi Hole, Low Touch Locking Plate

**Important Technical Dimensions:**

Thickness 5.8 mm  
Broad / Shaft 17.0 mm  
Distance Hole / Shaft 16.0 mm  
Barrel Length 25.0mm

Applicable for Fixation of the Distal Intercondylar, certain Intertrochanteric and very proximal subtrochanteric Femoral Fractures.



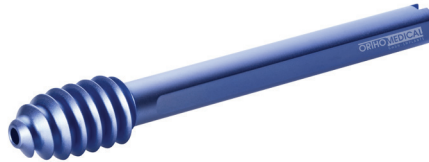
REF. - NO.	ANGLE 95 ° X HOLES
95-078.20TI	95° x 6 Hole
95-078.21TI	95° x 8 Hole
95-078.22TI	95° x 10 Hole
95-078.23TI	95° x 12 Hole
95-078.24TI	95° x 14 Hole
95-078.25TI	95° x 16 Hole

**Product - Description:**

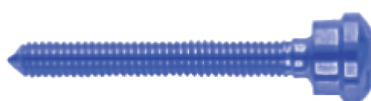
Titanium Dynamic Lag Screw

**Important Technical Dimensions:**

Thread Diameter 12.5 mm  
Thread Length 22.0 mm  
Shaft Diameter 8.0 mm



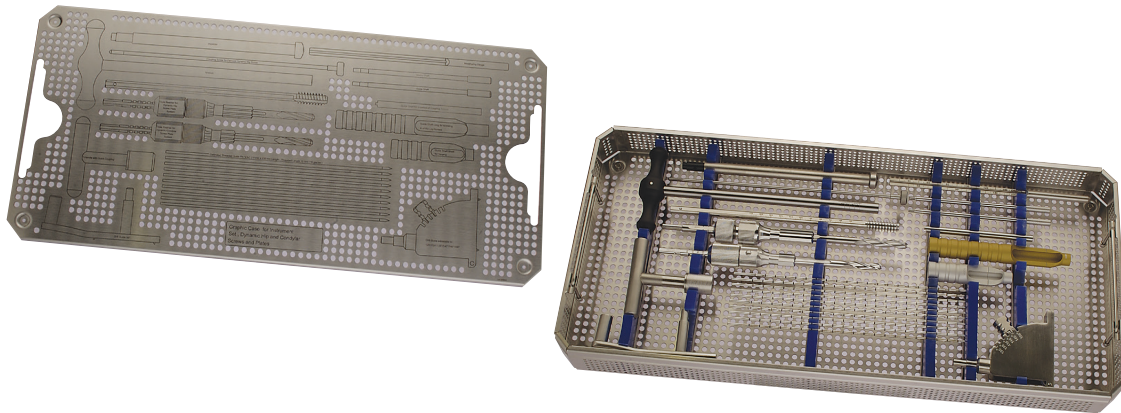
REF. - NO.	COMPLETE LENGTH	REF. - NO.	COMPLETE LENGTH
95-083.01TI	Length 50mm	95-083.12TI	Length 100mm
95-083.02TI	Length 55mm	95-083.11TI	Length 105mm
95-083.03TI	Length 60mm	95-083.14TI	Length 110mm
95-083.04TI	Length 65mm	95-083.15TI	Length 115mm
95-083.05TI	Length 70mm	95-083.16TI	Length 120mm
95-083.06TI	Length 75mm	95-083.17TI	Length 125mm
95-083.07TI	Length 80mm	95-083.18TI	Length 130mm
95-083.08TI	Length 85mm	95-083.19TI	Length 135mm
95-083.09TI	Length 90mm	95-083.13TI	Length 140mm
95-083.10TI	Length 95mm	95-083.20TI	Length 145mm



REF. - NO.	DESCRIPTION
95-078.00TI	Titanium Dynamic Compression Thread Diameter 4.0mm x Length 36mm

## ORLOS\_II LARGE FRAGMENT 4.5 / 5.0 MM TITANIUM IMPLANT SYSTEM

Standard Instrument Set for Dynamic and Condylar Screws and Plates in Graphic Case



Listing: 91-001.00 Standard Instrument Set for Dynamic Hip and Condylar Screws and Plates  
91-001.01 Tray for Instrument Set, Dynamic Hip and Condylar Screws and Plates (Steel)

CAT. - NO.		PCS.
95-085.00	Calibrated Threaded Guide Pin Dia. 2.5mm x 230 mm Length, Threaded Length 10 mm	10
95-086.00	Drill Guide adjustable to 125° / 130° / 135° / 140° / 145° / 150°	1
95-087.00	Measuring Gauge	1
95-088.00	Triple Reamer complete for Dynamic Hip Plate System	1
95-089.00	Tap	1
95-090.00	Guide Sleeve, short, for tapping	1
95-091.00	Guide Sleeve, long, for screwing in of Lag Screws	1
95-092.00	Guide Shaft for Insertion of Coupling Screws	1
95-093.00	Coupling Screw for Femoral Dynamic Hip Screws	1
95-094.00	Guide Shaft	1
95-095.00	Wrench	1
95-096.00	Impactor	1
95-097.00	Handle	1
95-078.40	Drill Guide 95°	1
95-088.01	Triple Reamer complete for Dynamic Condylar System 1	1

RECOMMENDED STERILIZATION CONTAINER FOR SET: 91-001.00



REF. - NO.	DESCRIPTION
60-500.10	1/1 Size Containers 580x280x100mm, (Lid perforated / Bottom non - perforated)

