intrauma®

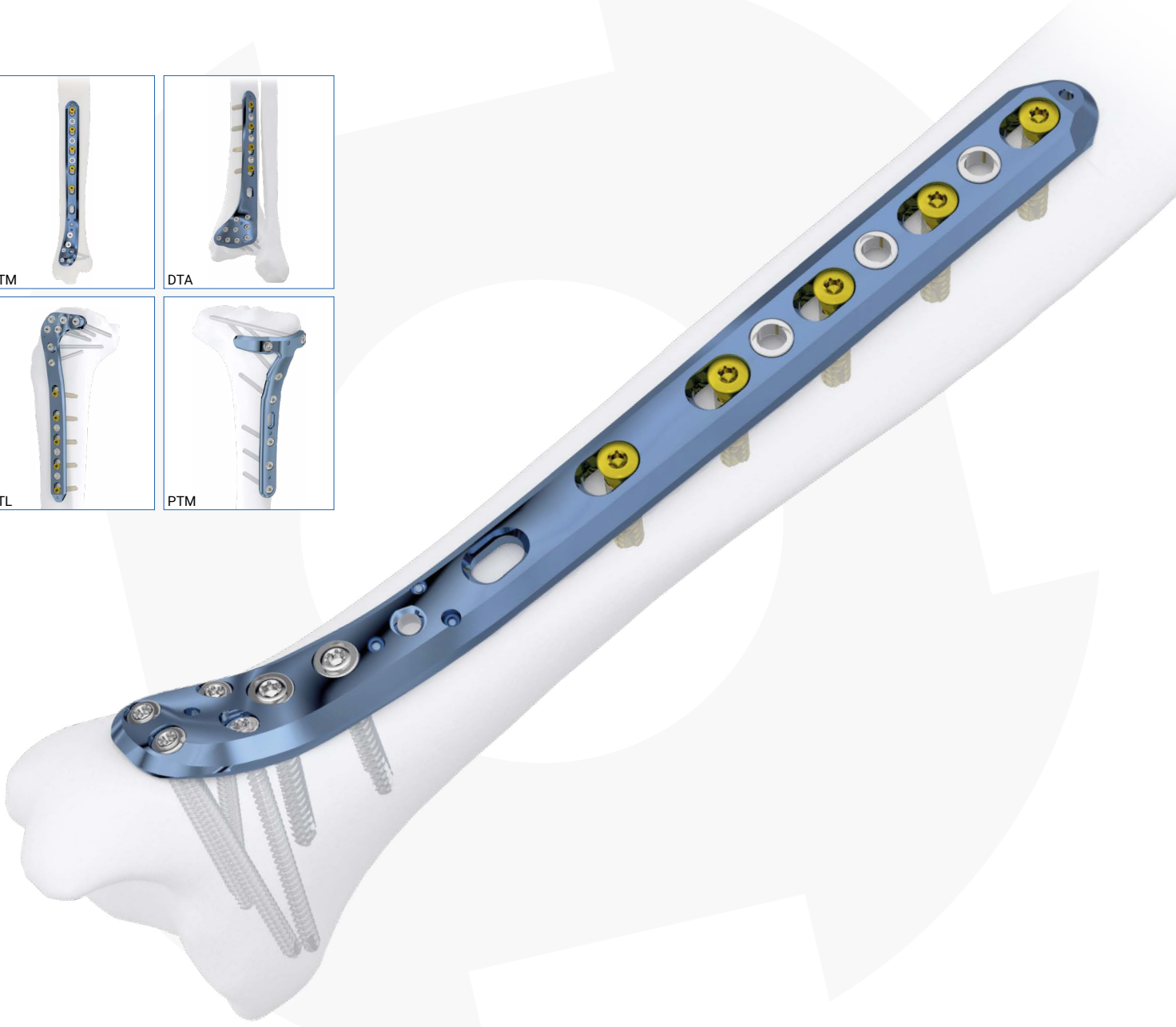
EN

DTM

DTA

PTL

PTM



Bones in motion

Tibia Catalog.

O'nil The internal fixator

Rail

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Proximal and distal tibia.

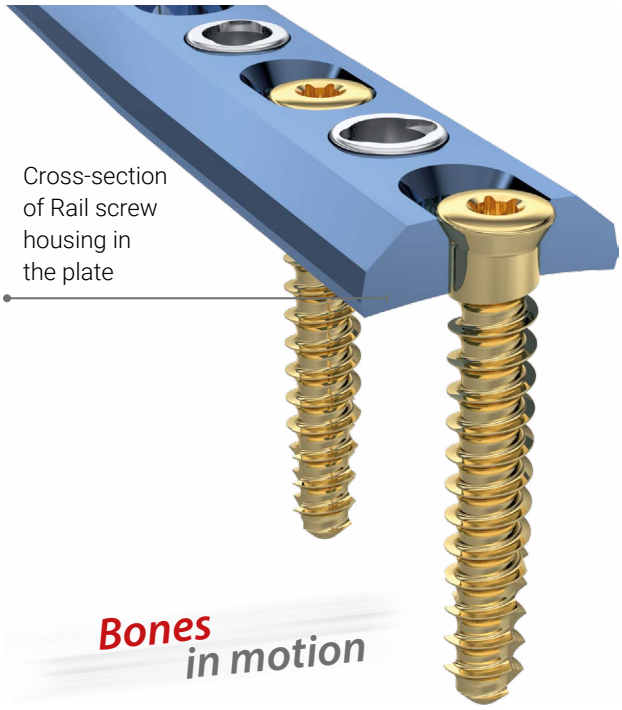
With Rail option.

Bridge fixation with angular stability plates is the most widely used method in the treatment of metadiaphyseal and periarticular fractures of the long bones of the lower limb.

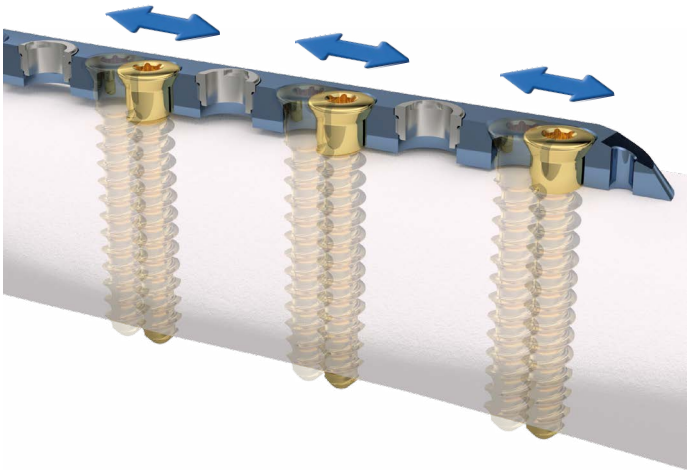
Delayed union, pseudo-arthrosis, breakage of fixation devices and asymmetrical bone callus formation are often caused by the rigidity of the implants, which do not allow proper load transfer to the stumps.

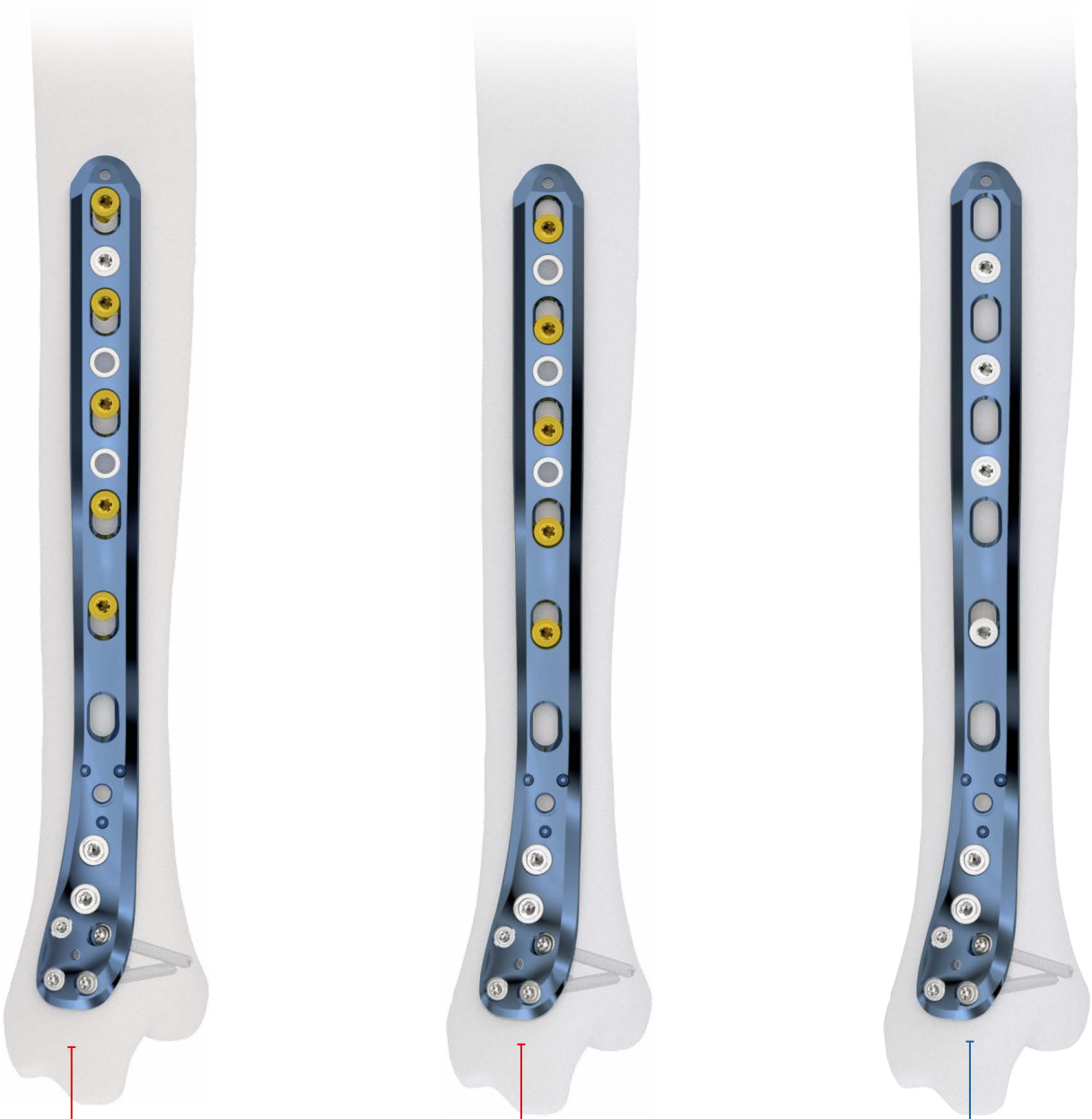
The Rail system is designed to allow use of the most suitable means of fixation for the type of fracture to be treated.

When using the dynamic option system, although resorption and repositioning occur at the level of the fracture rhyme, compression continues to act along the diaphyseal axis, allowing subsequent physiological union and reducing the risk of failure.



The head of the Rail screw, with cylindrical section, slides in the rail slot in the plate.
Not only does this achieve a dynamic system, it also provides more effective lateral stability than seen with conventional hemispherical head screws.





1 Dynamisable
Rail screws in dynamisable position by removing the O'Nil screw with angular stability

2 Static
Rail screws in the static position

3 Angular stability
O'nil angular stability screws

/ DTM Medial Distal Tibia plate

Features

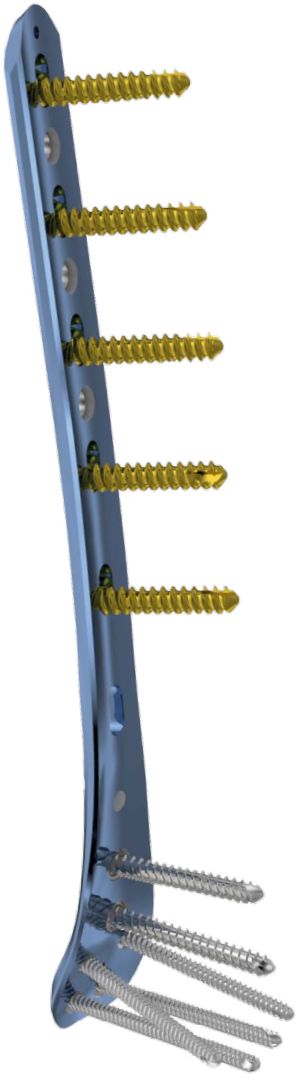
- Titanium Plate Ti6Al4V- ISO 5832-3
- Titanium-Titanium coupling
- 4 lengths right/left

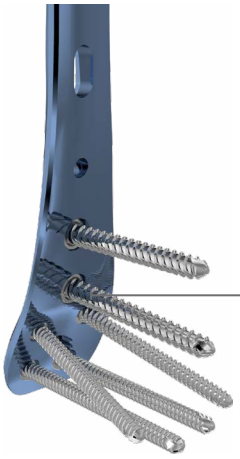
Screws

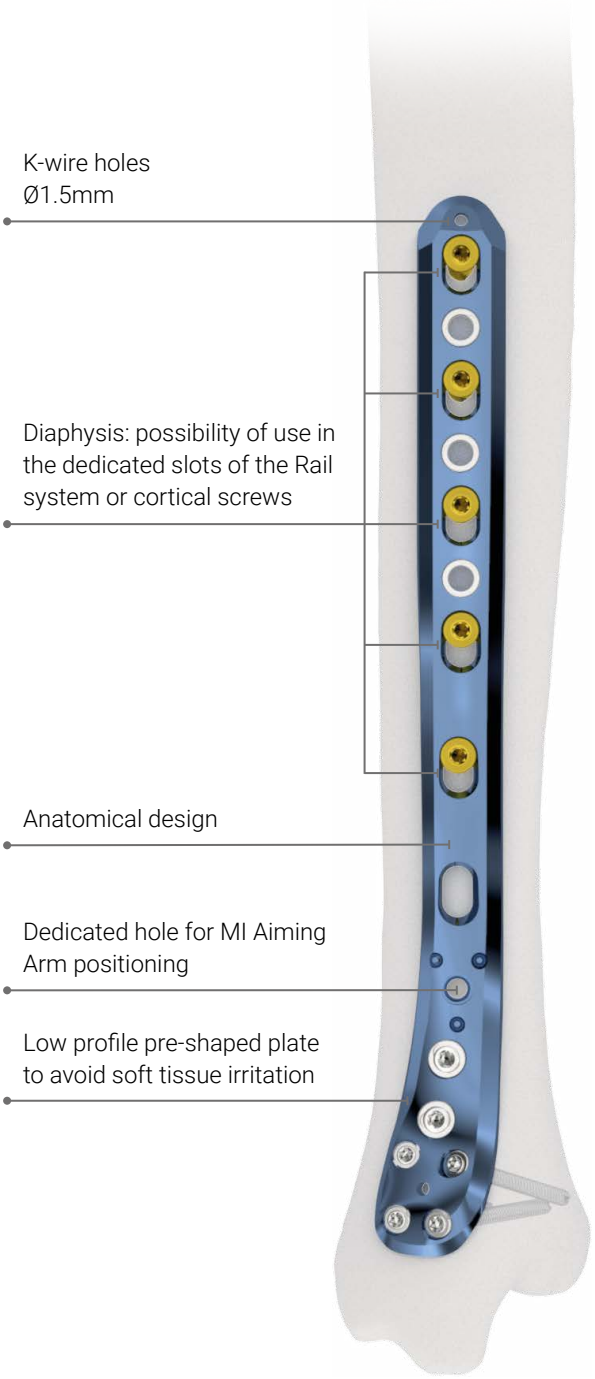
- Autolocking screws Ø2.8mm
- Autolocking screws Ø3.6mm
- Rail Screws Ø4.4mm
- Cortical screws Ø3.7mm

Surgical indications

- Intra-extra articular fracture of the tibia
- Osteotomy of the distal tibia







/ DTA Rail Anterolateral Distal Tibia

Features

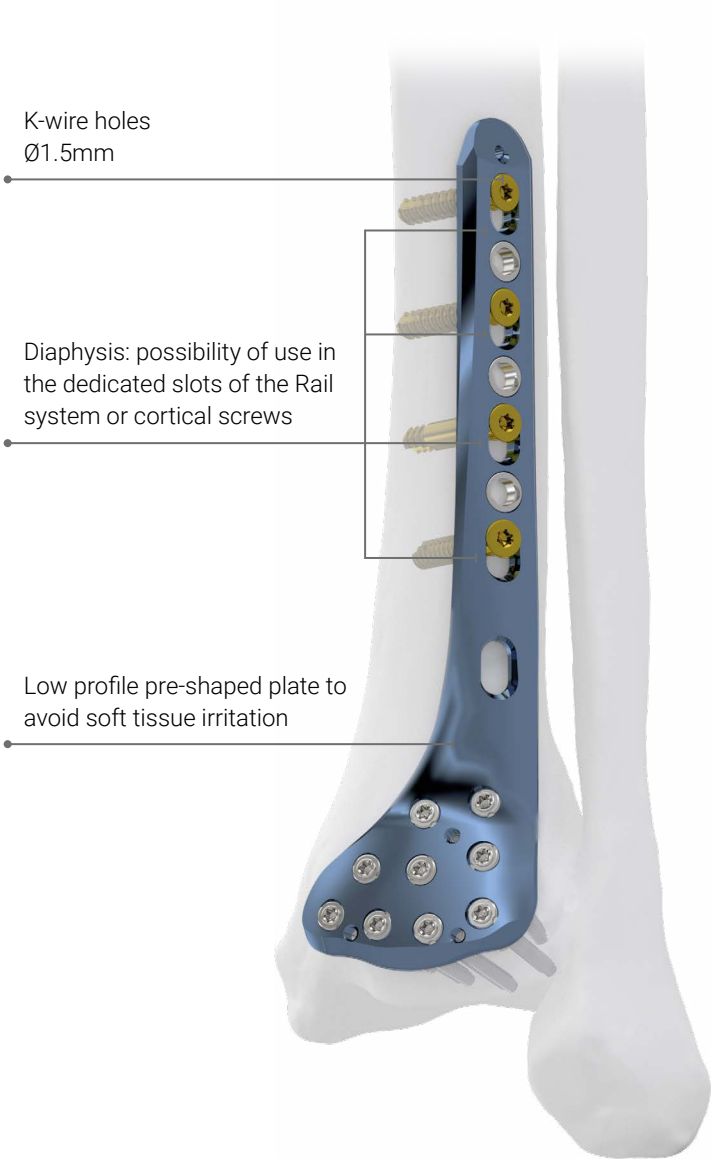
- Pure Titanium Plate Grade.4 - ISO 5832-2
- Titanium-Titanium coupling
- 3 lengths right/left

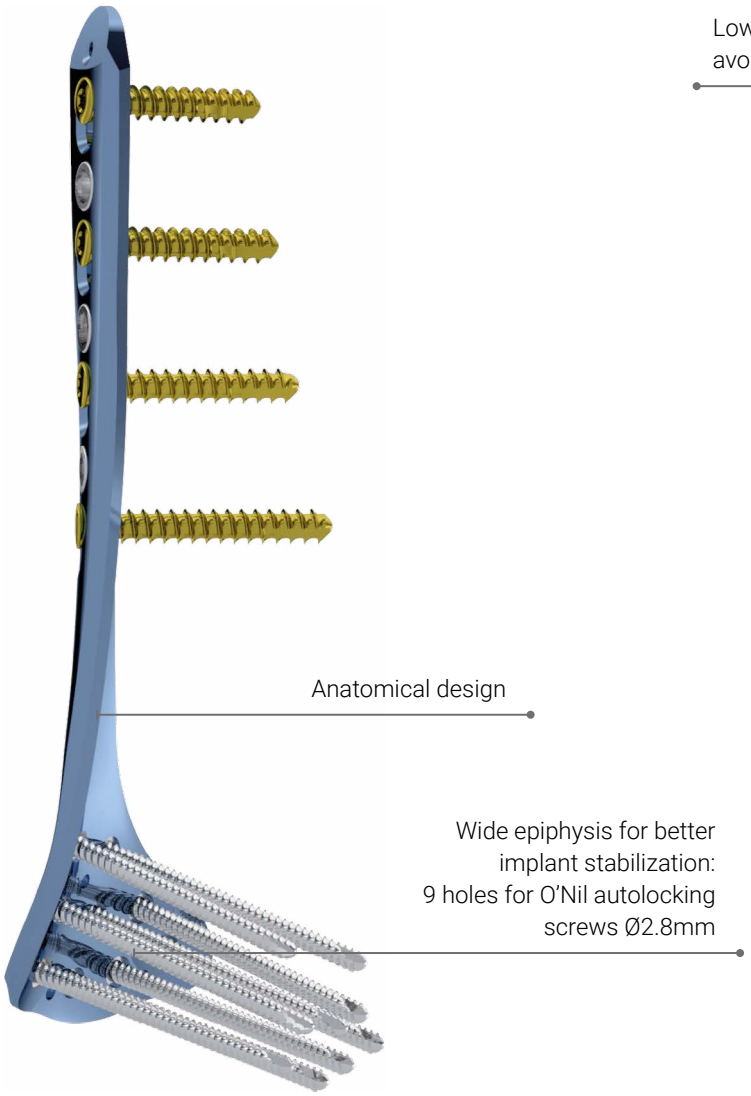
Screws

- Autolocking screws Ø2.8mm
- Autolocking screws Ø3.6mm
- Rail Screws Ø4.4mm
- Cortical screws Ø3.7mm

Surgical indications

- Intra-extra articular fracture of the tibia
- Osteotomy of the distal tibia





/ PTL Lateral Proximal Tibia plate

Features

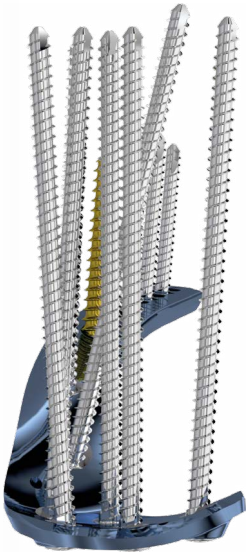
- Titanium Plate Ti6Al4V- ISO 5832-3
- Titanium-Titanium coupling
- 4 lengths right/left

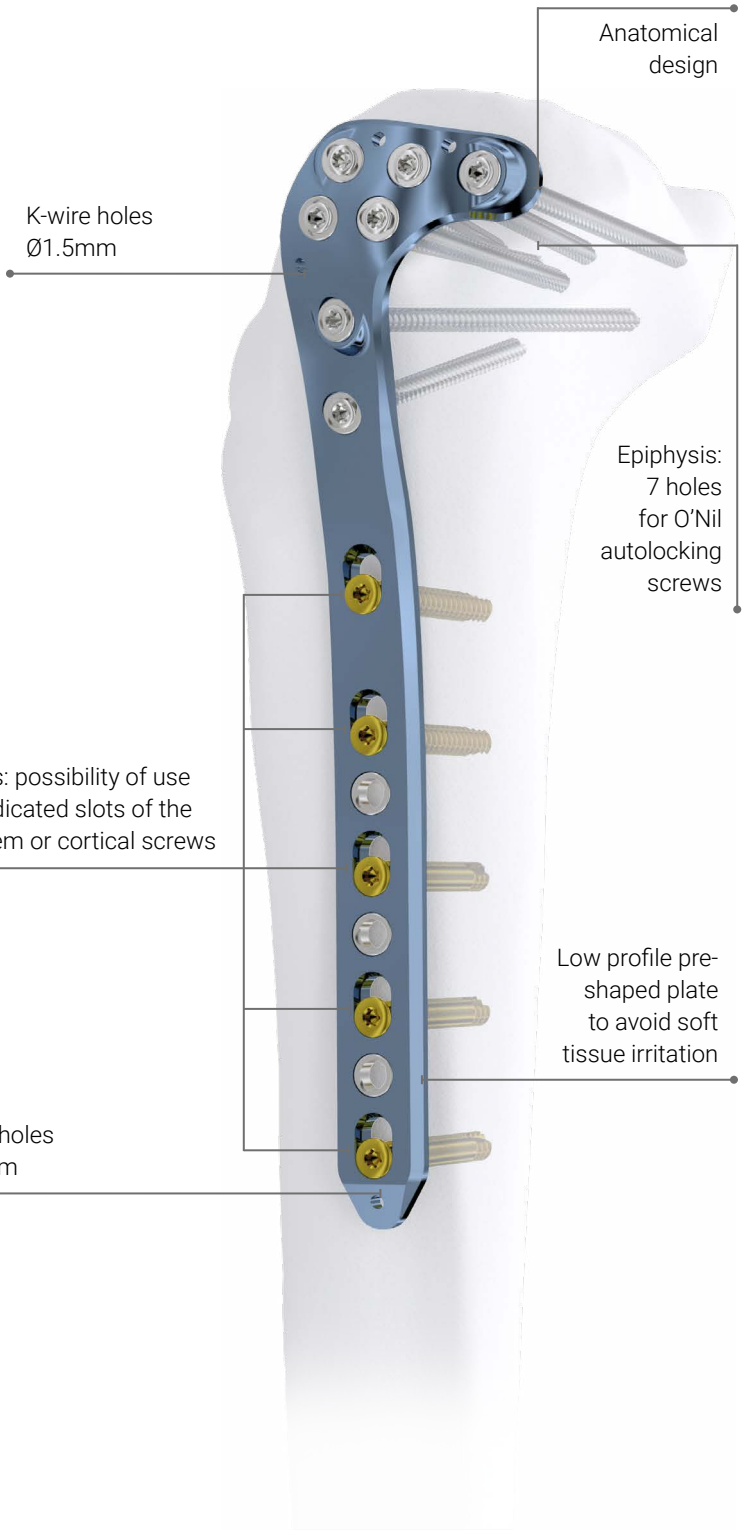
Screws

- Autolocking screws Ø3.6mm
- Rail Screws Ø4.4mm
- Cortical screws Ø3.7mm

Surgical indications

- Fracture of the lateral tibial plate
- Lateral fracture associated with the sinking of the tibial plate





/ PTM Medial Proximal Tibia plate

Features

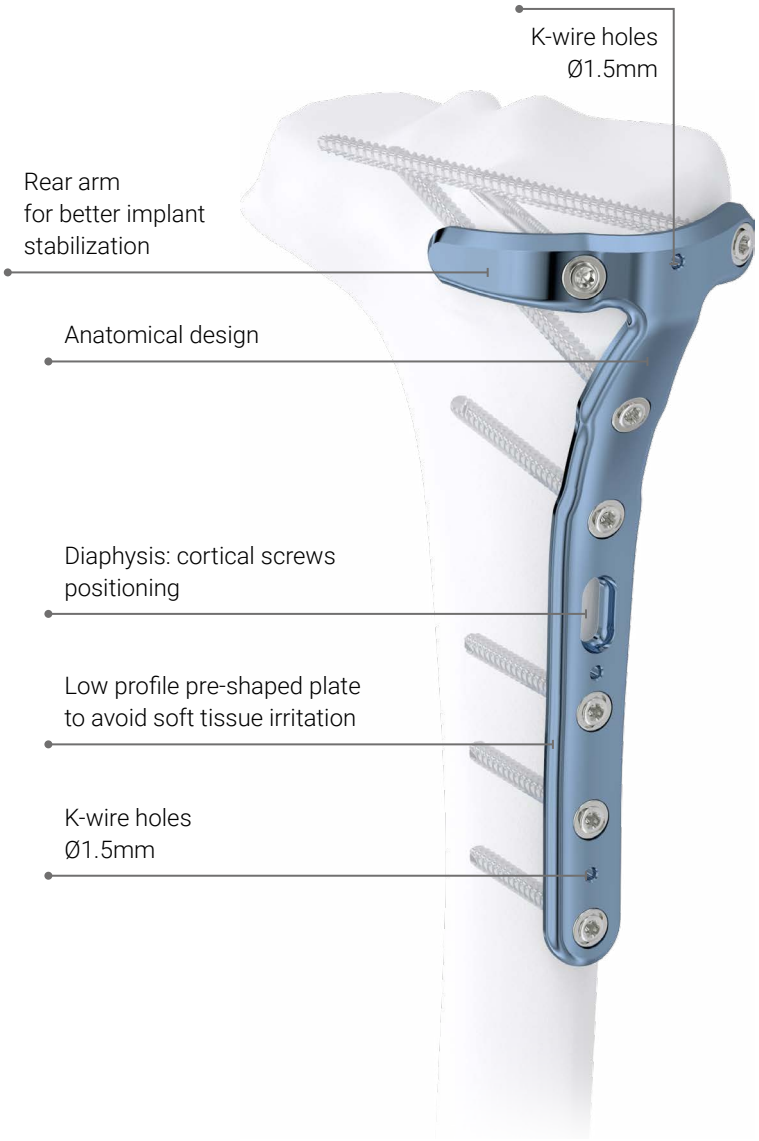
- Pure Titanium Plate Grade.4 - ISO 5832-2
- Titanium-Titanium coupling
- 3 lengths right/left

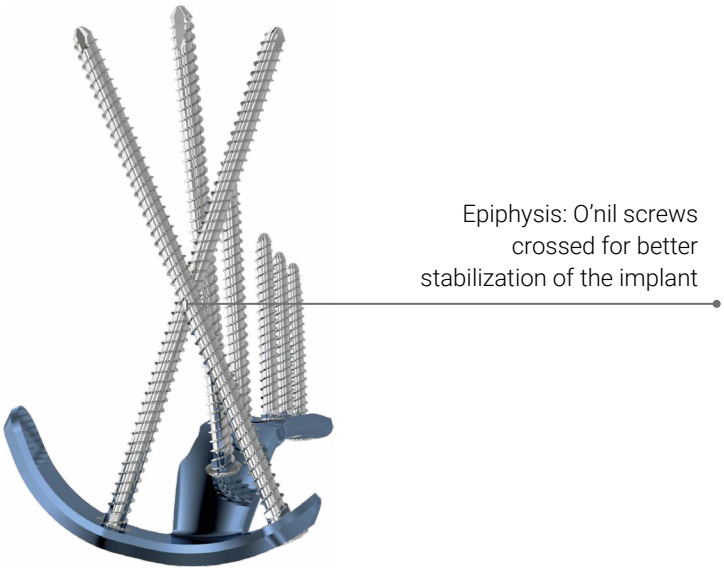
Screws

- Autolocking screws Ø3.6mm
- Cortical screws Ø3.7mm

Surgical indications

- Fracture of the medial tibial plate
- Metaphysal fracture of the medial tibial plate
- Open medial fracture with subsidence
- Sunken medial tibial plate fracture





Ordering informations

			Epiphysis holes		Diaphysis holes	
Ref.	Plates	L. mm	Locked	Free	Locked	Rail Free
144.3101	DTM Rail Medial distal tibia plate (L) Short	130	6	0	2	4
144.3102	DTM Rail Medial distal tibia plate (R) Short	130	6	0	2	4
144.3103	DTM Rail Medial distal tibia plate (L) Medium	170	6	0	3	6
144.3104	DTM Rail Medial distal tibia plate (R) Medium	170	6	0	3	6
144.3105	DTM Rail Medial distal tibia plate (L) Long	210	6	0	3	8
144.3106	DTM Rail Medial distal tibia plate (R) Long	210	6	0	3	8
144.3107	DTM Rail Medial distal tibia plate (L) Extra-Long	250	6	0	3	10
144.3108	DTM Rail Medial distal tibia plate (R) Extra-Long	250	6	0	3	10
144.2101	DTA Rail Anterolateral distal tibia plate (L) Short	94	9	0	2	3
144.2102	DTA Rail Anterolateral distal tibia plate (R) Short	94	9	0	2	3
144.2103	DTA Rail Anterolateral distal tibia plate (L) Medium	128	9	0	3	5
144.2104	DTA Rail Anterolateral distal tibia plate (R) Medium	128	9	0	3	5
144.2105	DTA Rail Anterolateral distal tibia plate (L) Long	163	9	0	3	7
144.2106	DTA Rail Anterolateral distal tibia plate (R) Long	163	9	0	3	7
144.4001	PTL Rail Lateral proximal tibia plate (L) Short	115	7	0	2	3
144.4002	PTL Rail Lateral proximal tibia plate (R) Short	115	7	0	2	3
144.4003	PTL Rail Lateral proximal tibia plate (L) Medium	155	7	0	3	5
144.4004	PTL Rail Lateral proximal tibia plate (R) Medium	155	7	0	3	5
144.4005	PTL Rail Lateral proximal tibia plate (L) Long	195	7	0	3	7
144.4006	PTL Rail Lateral proximal tibia plate (R) Long	195	7	0	3	7
144.4007	PTL Rail Lateral proximal tibia plate (L) Extra-Long	235	7	0	3	9
144.4008	PTL Rail Lateral proximal tibia plate (R) Extra-Long	235	7	0	3	9
144.4101	PTM Medial proximal tibia plate (L) Short	85	4	0	1	1
144.4102	PTM Medial proximal tibia plate (R) Short	85	4	0	1	1
144.4103	PTM Medial proximal tibia plate (L) Medium	115	4	0	3	1
144.4104	PTM Medial proximal tibia plate (R) Medium	115	4	0	3	1
144.4105	PTM Medial proximal tibia plate (L) Long	150	4	0	5	1
144.4106	PTM Medial proximal tibia plate (R) Long	150	4	0	5	1

Materials:

Plates | Pure Titanium GR.4 - ISO 5832-2 and Titanium Ti6Al4V - ISO 5832-3

Bushing | Titanium Ti6Al4V - ISO 5832-3

Autolocking screws

/ SCREW | Ø2.8MM

Ref.	L. mm
130.2820	20
130.2822	22
130.2824	24
130.2826	26
130.2828	28
130.2830	30
130.2834	34
130.2838	38
130.2842	42
130.2846	46
130.2850	50

Ti6Al4V - ISO 5832-3

/ SCREW | Ø3.6MM

Ref.	L. mm
130.3410	10
130.3412	12
130.3414	14
130.3416	16
130.3418	18
130.3420	20
130.3422	22
130.3424	24
130.3426	26
130.3428	28
130.3430	30
130.3432	32
130.3434	34
130.3436	36
130.3438	38
130.3440	40
130.3442	42
130.3444	44
130.3446	46
130.3448	48
130.3450	50
130.3454	54
130.3458	58
130.3462	62
130.3466	66
130.3470	70
130.3474	74
130.3478	78
130.3482	82
130.3486	86
130.3490	90

Ti6Al4V - ISO 5832-3

N. B.: To order non-sterile screws, add the letter N at the end of the code.

Cortical screws

/ SCREW | ■ Ø3.7MM

Ref.	L. mm
130.3712	12
130.3714	14
130.3716	16
130.3718	18
130.3720	20
130.3722	22
130.3724	24
130.3726	26
130.3728	28
130.3730	30
130.3732	32
130.3734	34
130.3736	36
130.3738	38
130.3740	40
130.3742	42
130.3742	42
130.3744	44
130.3746	46
130.3748	48
130.3750	50
130.3754	54
130.3758	58
130.3762	62
130.3766	66
130.3770	70

Ti6Al4V - ISO 5832-3

Rail screws

/ SCREW | ■ Ø4.4MM

Ref.	L. mm
130.4420	20
130.4422	22
130.4424	24
130.4426	26
130.4428	28
130.4430	30
130.4432	32
130.4434	34
130.4436	36
130.4438	38
130.4440	40
130.4442	42

Ti6Al4V - ISO 5832-3

Tibia Upper Limb

Complete instruments set

S304 - TIBIA - UPPER LIMB Instruments Case - 1 pc

S21 - Ø2.2mm Conical Drill Guide - 1 pc

S210 - Ø2.2mm Universal Drill Guide - 1 pc

S213 - Ø1.2mm K-Wire Sleeve - 1 pc

S215 - Ø2.2mm Conical Graduated Drill Guide - 1 pc

S22 - Ø2.2 Drill Bit, 160mm - 1 pc

S222 - Ø2.2 Drill Bit, 115mm - 1 pc

S235 - K-Wire Ø1.2mm x 120mm - 2 pcs

S245HL - Quick Coupling HL8 Hexalobular Shaft - 1 pc

S24HL - HL8 Hexalobular Screwdriver - 1 pc

S33 - Depth Meter - 1 pc

S334 - K-Wire Ø1.5mm x 200mm - 2 pcs

S335 - K-Wire Ø1.5mm x 120mm - 2 pcs

S340HL - HL10 Hexalobular Screwdriver - 1 pc

S345HL - Quick Coupling HL10 Hexalobular Shaft - 1 pc

S38 - Ø2.8mm Conical Drill Guide - 1 pc

S351 - Conical Bushing Diassembler - 1 pc

S382 - Ø1.5mm K-Wire Sleeve - 1 pc

S384 - Ø2.8mm Conical Graduated Drill Guide - 1 pc

S374 - Rail Reamer Ø4.4mm - 1 pc

S385 - Ø2.8mm Drill Guide for Cortical Screws - 1 pc

S387 - Ø3.2mm Drill Guide for Rail Screws - 1 pc

S39 - Ø2.8 Drill Bit, 200mm - 1 pc

S393 - Ø3.2 Drill Bit, 140mm - 1 pc

S394 - Ø2.8 Drill Bit, 130mm - 1 pc

SET-TIBIA-UL - Complete instruments SET Tibia Upper Limb

Distal Medial Tibia

MI technique complete instruments set

S307 - DTM MI Instruments Case - 1 pc

S3601T - DTM MI Aiming Arm - 1 pc

S3611 - MI Insertion Handle - 1 pc

S3621 - MI Handle/Arm Connecting Screw - 1 pc

S3501 - MI Locking Trocar - 2 pcs

S3511 - MI Rail Trocar - 2 pcs

S3801 - MI Ø2.8mm Locking Drill Guide - 2 pcs

S3811 - MI Ø3.2mm Rail Drill Guide - 2 pcs

S3351 - MI Stabilizing Wire - 1 pc
S3352 - MI Stabilizing Wire Stop - 1 pc

S3401HL - MI HL10 Hexalobular Screwdriver - 1 pc

S3901 - MI Ø2.8mm Drill Bit, 250mm - 1 pc

S3911 - MI Ø3.2mm Drill Bit, 250mm - 1 pc

S3302 - MI Depth Meter Shaft - 1 pc

S3651 - MI Handle/Plate Connecting Screw - 1 pc

S3641 - MI Assembly Bar - 1 pc

S3301 - MI Depth Meter Handle - 1 pc

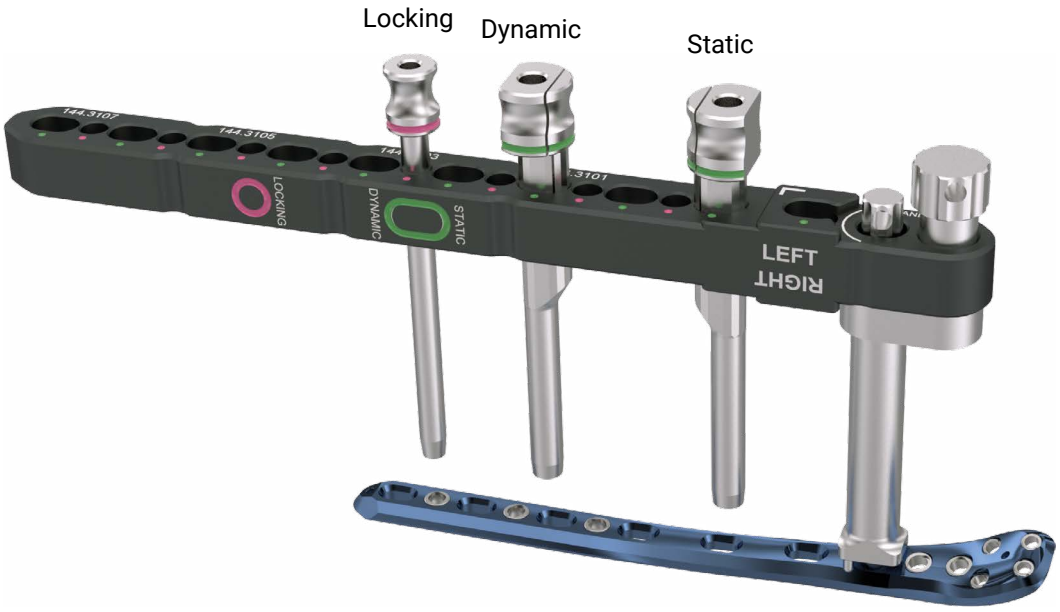
S3211 - MI Rail Guide - 2 pcs

S3201 - MI Locking Guide - 2 pcs

SET-DTM-MI
Distal Medial Tibia MI complete instruments set

Medial Distal Tibia Mininvasive

Canula position for different configurations



CAT051EN - Rev. 1 February 2026 - © Intrauma S.p.A.

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