

# T- & L-TIBIA HEAD PLATES

for head screws 4.5/6.0  
for shaft screws 4.5



T-Tibia head plate



L-Tibia head plate

T-Tibia head plate 6.0/4.5 as; left; titanium

5.777.42	2 holes; 65 x 14 mm	
5.777.43	3 holes; 79 x 14 mm	
5.777.44	4 holes; 95 x 14 mm	
5.777.45	5 holes; 111 x 14 mm	
5.777.46	6 holes; 127 x 14 mm	
5.777.47	7 holes; 143 x 14 mm	
5.777.48	8 holes; 159 x 14 mm	
5.777.49	9 holes; 175 x 14 mm	
5.777.410	10 holes; 191 x 14 mm	
5.777.412	12 holes; 223 x 14 mm	
5.777.414	14 holes; 255 x 14 mm	
5.777.416	16 holes; 287 x 14 mm	

T-Tibia head plate 6.0/4.5 as; right; titanium

5.778.42	2 holes; 65 x 14 mm	
5.778.43	3 holes; 79 x 14 mm	
5.778.44	4 holes; 95 x 14 mm	
5.778.45	5 holes; 111 x 14 mm	
5.778.46	6 holes; 127 x 14 mm	
5.778.47	7 holes; 143 x 14 mm	
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5.778.414	14 holes; 255 x 14 mm	
5.778.416	16 holes; 287 x 14 mm	

## All advantages at a glance

- Used as a template for restoration of the shape of the bone
- Lateral fragments are securely supported by the proximal plate section
- **Unilateral stabilisation** possible due to 4 screws, which can be inserted angle-stable in the joint block:
  - 3 screws inserted in the proximal, lateral shank of the plate for **optimal stress distribution and support of the impression fragments close to the joints**  
(L-Tibia head plate: 2 screws in the proximal plate shank)
  - The screw connecting distally point to the cranial medial direction.  
(L-Tibia head plate: 2 screws, connecting distally)
- Inserted angle stable, the screws in the shaft alternately diverge, notch stress in the bone and the risk of secondary implant migration are reduced.
- **Combination holes** in the plate shaft with the option of setting standard screws or angle stable screws in the holes.

## Indications

- Fractures of the proximal tibia in the joint and metaphyseal sections
- Multi level fractures of the tibia involving the proximal joint and metaphyseal sections
- According to the AO fracture classification, the present implant can be used for the following fracture types:
  - 41 A 2.1 – 2.3
  - 41 A 3.1 – 3.3
  - For fracture types 41 A 3.2 – 3.3, consideration should be given to the use of an additional plate – medial or antero-medial, to increase the primary stability of the osteosynthesis construction.
- 41 B 1.1 and 41 B 1.3
  - For type 41 B 1.3, additional medial screw or short plate osteosynthesis should be considered to increase the primary stability of the osteosynthesis construction.
- 41 B 2.1 – 2.2 (only T-Tibia head plate)
- 41 B 3.1 and 3.3
- 41 C 1.1 – 1.3
- 41 C 2.1 – 2.3
- 41 C 3.1 – 3.3
  - For C fractures, additional medial or antero-medial osteosynthesis should be considered to increase the primary stability of the osteosynthesis construction.

## Target group

- Treatment with a angle stable lateral T-tibia plate in adult patients.
- There are no restrictions with regard to selected ethnic groups. The patient clientèle is only limited by anatomical parameters.

## Features

T-Tibia head plate 6.0/4.5 as	
Head holes	4 angle-stable head holes for angle-stable cortical or cancellous screws
Shaft holes	2 – 16 angle-stable shaft holes for standard or angle-stable cortical screws
Plate thickness	4.5 mm
Plate lengths	65 – 287 mm
Material	Pure titanium; brown anodised stainless steel; electropolished
Fixation holes for Kirschner wires	
Anatomically shaped plate design	

L-Tibia head plate 6.0/4.5 as	
Head holes	4 angle-stable head holes for angle-stable cortical or cancellous screws
Shaft holes	3 – 16 angle-stable shaft holes for standard or angle-stable cortical screws
Plate thickness	4.5 mm
Plate lengths	79 – 287 mm
Material	Pure titanium; brown anodised stainless steel; electropolished
Fixation holes for Kirschner wires	
Anatomically shaped plate design	

## Set T-Tibia head plate

Item no.	Item description	Quant.
Implants – plates		
<b>T-Tibia head plate 6.0/4.5 as; titanium</b>		
5.777.44	4 holes; 95 x 14 mm; left	1
5.777.46	6 holes; 127 x 14 mm; left	1
5.777.48	8 holes; 159 x 14 mm; left	1
5.777.410	10 holes; 191 x 14 mm; left	1

5.778.44	4 holes; 95 x 14 mm; right	1
5.778.46	6 holes; 127 x 14 mm; right	1
5.778.48	8 holes; 159 x 14 mm; right	1
5.778.410	10 holes; 191 x 14 mm; right	1

### Implants – screws

**Cancellous screw 6.0;  
fully threaded; angle-stable;  
self-tapping; titanium**



Internal hexagon

3.163.55	length 55 mm	4
3.163.60	length 60 mm	4
3.163.65	length 65 mm	4
3.163.70	length 70 mm	4
3.163.75	length 75 mm	4
3.163.80	length 80 mm	4
3.163.85	length 85 mm	4
3.163.90	length 90 mm	4

**Cortical screw 4.5;  
fully threaded; self-tapping; titanium**

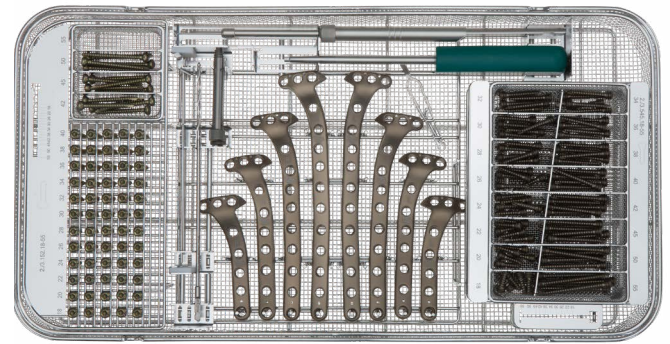


Internal hexagon

3.152.18	length 18 mm	5
3.152.20	length 20 mm	5
3.152.22	length 22 mm	5
3.152.24	length 24 mm	5
3.152.26	length 26 mm	5
3.152.28	length 28 mm	5
3.152.30	length 30 mm	5
3.152.32	length 32 mm	5
3.152.34	length 34 mm	5
3.152.36	length 36 mm	5
3.152.38	length 38 mm	5
3.152.40	length 40 mm	5
3.152.42	length 42 mm	5
3.152.45	length 45 mm	5
3.152.50	length 50 mm	5

### Wires

6.031.18	Kirschner wire with trocar point and round end; Ø1.8 x 150; st.st.	5
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Set no. 19.408.00 Internal hexagon

Item no.	Item description	Quant.
Implants – screws		

**Cortical screw 4.5; fully threaded;  
angle-stable; self-tapping; titanium**



Internal hexagon

3.545.18	length 18 mm	5
3.545.20	length 20 mm	5
3.545.22	length 22 mm	5
3.545.24	length 24 mm	5
3.545.26	length 26 mm	5
3.545.28	length 28 mm	5
3.545.30	length 30 mm	5
3.545.32	length 32 mm	5
3.545.34	length 34 mm	5
3.545.36	length 36 mm	5
3.545.38	length 38 mm	5
3.545.40	length 40 mm	5
3.545.42	length 42 mm	5
3.545.45	length 45 mm	5
3.545.50	length 50 mm	5
3.545.55	length 55 mm	5

### Instruments

2.9406.35	hex screwdriver with handle for screws Ø4.5–Ø7.0; AF3.5; length 215	1
2.977.02	drill guide for angle stable screwing; length 70; big fragment	2
2.904.09	drill bit for quick coupling; Ø3.2x195; spiral length 60; double spiral	1
2.954.01	screw forceps; self holding	1
2.953.90	gauge w. clasp for screws w. conical head thread Ø4.5; Ø6.0; measuring range 90	1

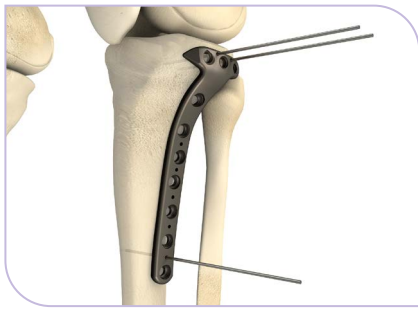
### Container

19.400.00/8	perforated autoclavable container w.in-set f.instruments a.prox.tibia head plates	1
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The Set T-Tibia head plate 4.5/6.0 as is available in steel. You will also receive the same set of screws and instruments, by Set L-Tibia head plates 4.5/6.0 as in steel and titanium.

# Implantation of the T-Tibia head plate

The Implantation of the L-Tibia head plate is analogous to the T-Tibia head plate



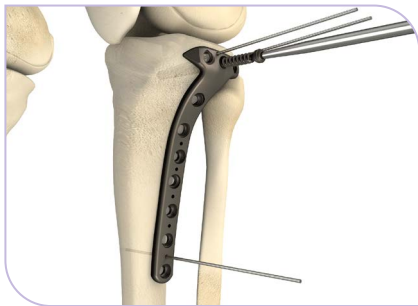
Temporary fixation



Drilling plate head



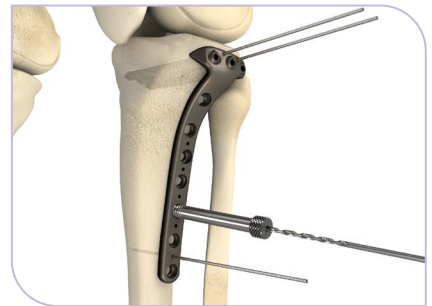
Length measurement



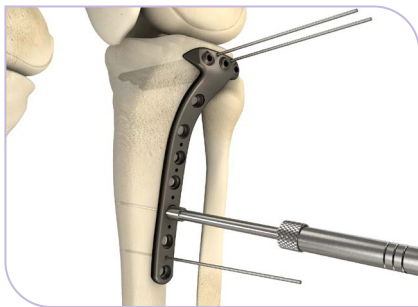
Inserting angle-table screw



Fully occupy head



Drilling plate shank



Length measurement



Inserting angle-table screw



Implanted plate

## Contact details



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This document replaces neither the surgical instruction nor the technical introduction of the product application. For detailed information: <https://ksi.online-ifu.com>

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