



Cannulated screw 7.3  
3.1671

- *SURGICAL TECHNIQUE*
- *IMPLANTS*
- *INSTRUMENT SET 15.0102.101*





Caution - pay attention to a special procedure.



Perform the activity under X-Ray control.



Information about the next stages of a procedure.



Proceed to the next stage.



Return to the specified stage and repeat the activity.



Before using the product, carefully read the Instructions for Use. It contains, among others, indications, contraindications, side effects, recommendations and warnings related to the use of the product.



The above description is not a detailed instruction of conduct. The surgeon decides about choosing the operating procedure.

**www.chm.eu**

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*The manufacturer reserves the right to introduce design changes.  
Updated INSTRUCTIONS FOR USE are available at the following website: ifu.chm.eu*

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## 1. INTRODUCTION

Cannulated screw 7.3 is a single-element implant intended for bone stabilization in the proximal part of the femur. The presented range of implants is made of materials in accordance with ISO 5832 standards.

The system includes:

- implants (*screws*),
- instrument set used in the surgery,
- surgical technique.

### Indications

- stabilization of slipped capital femoral epiphysis,
- stabilization of femoral neck fractures.

### Plate selection

Implants are available in various lengths. This allows for optimal selection of an implant to the femoral neck length.

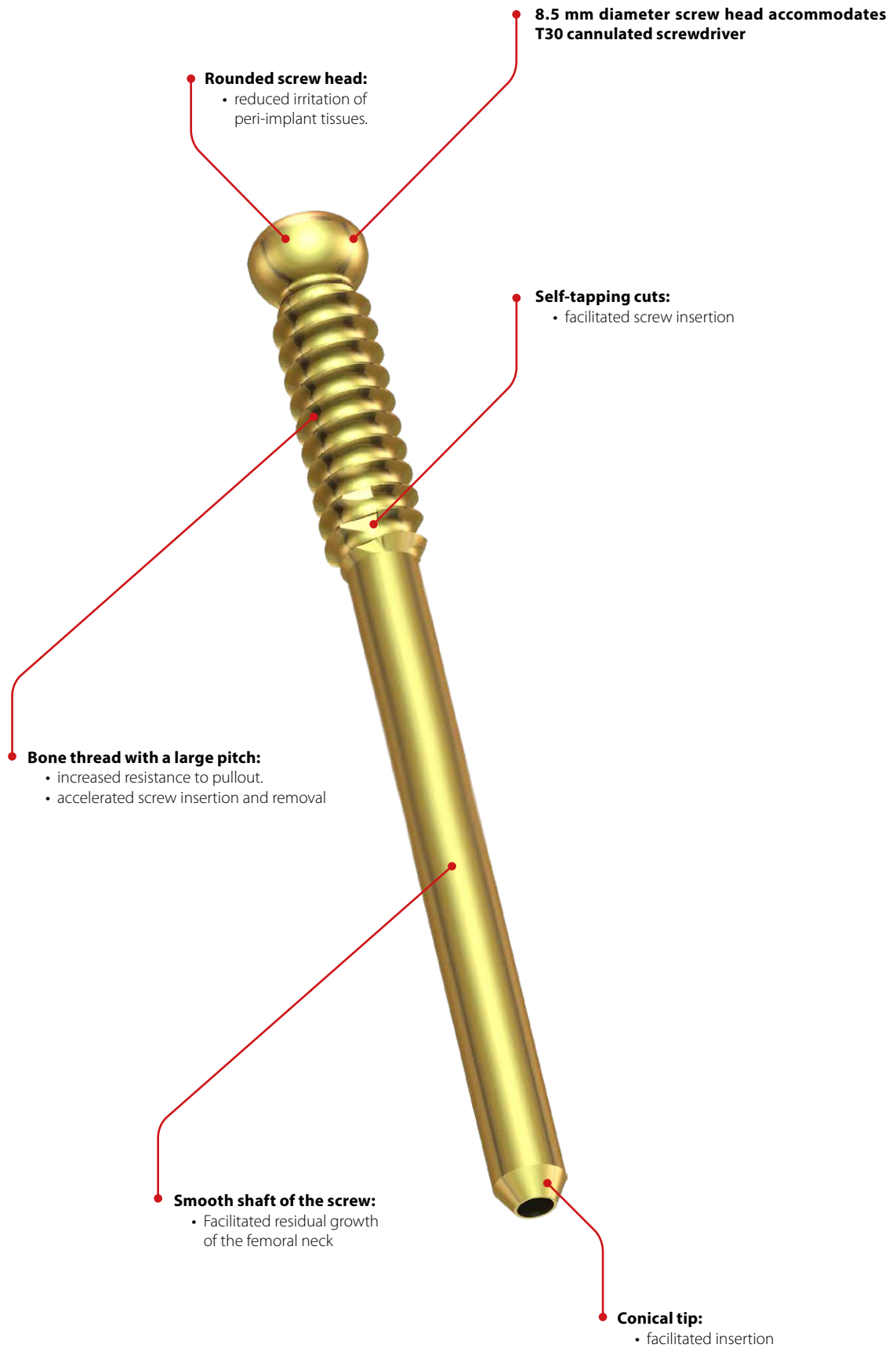


Before using the product, carefully read the Instructions for Use. It contains, among others, indications, contraindications, side effects, recommendations and warnings related to the use of the product.



The above description is not a detailed instruction of conduct. The surgeon decides about choosing the operating procedure.

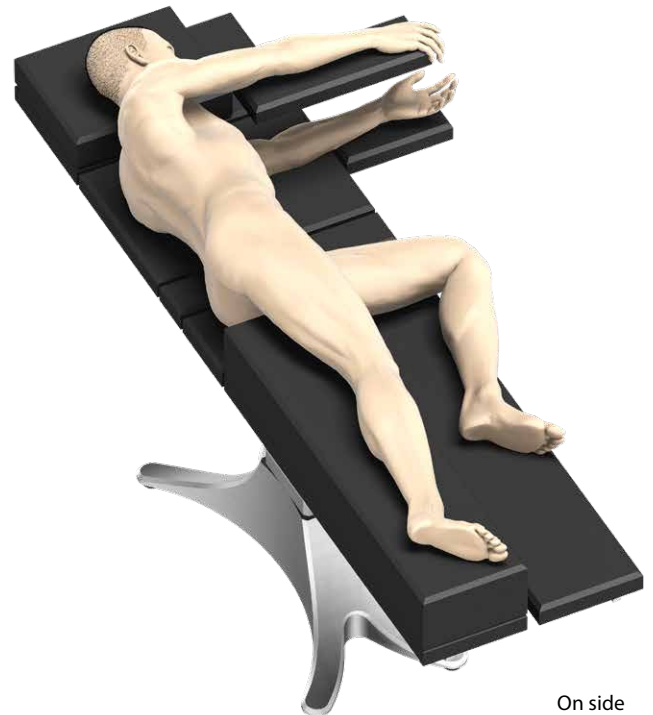
## 2. IMPLANT DESCRIPTION



### 3. SURGICAL TECHNIQUE

#### 3.1. PATIENT POSITIONING

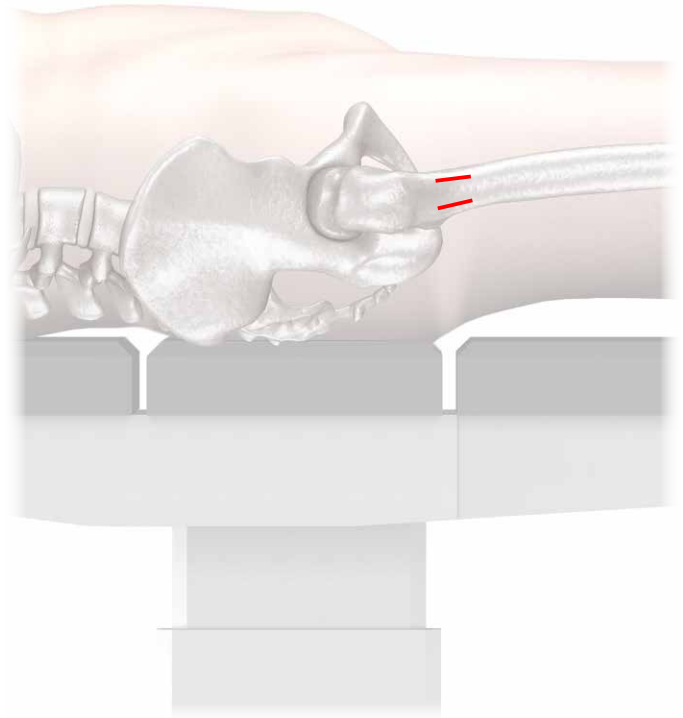
Position the patient supine or on their side. Ensure adequate X-Ray imaging control.



#### 3.2. SURGICAL APPROACH

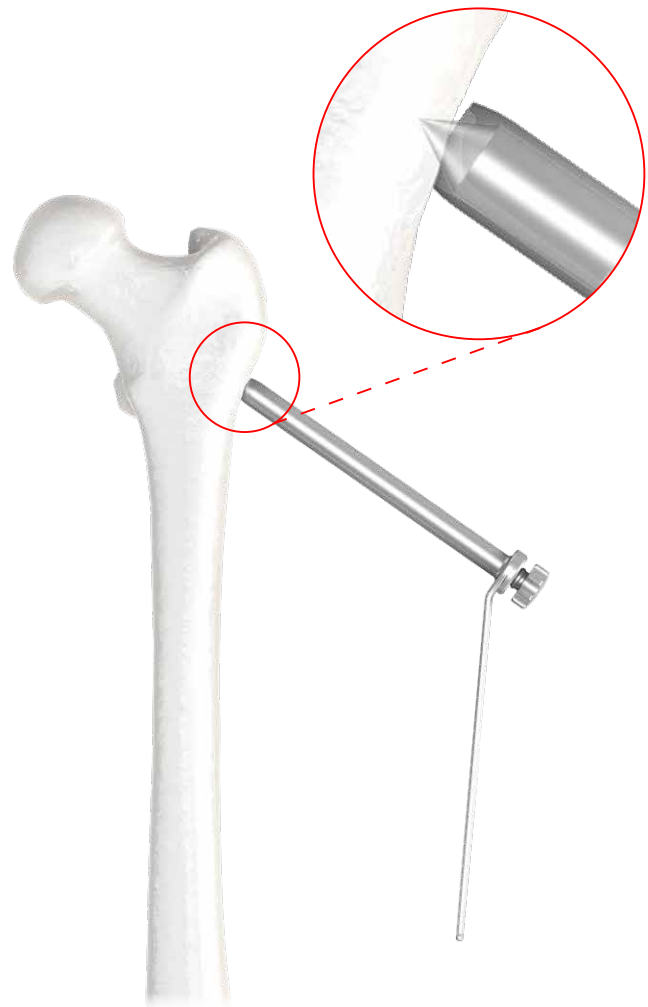
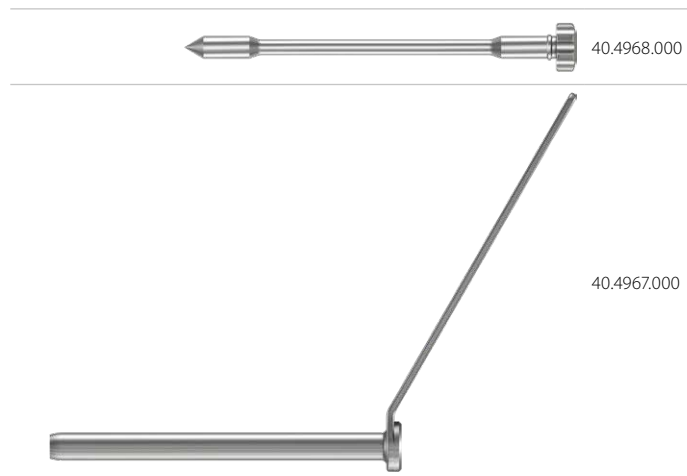
Horizontal incision at the level of the lesser trochanter:

- anterolateral for stabilization of slipped capital femoral epiphysis
- lateral for fracture stabilization



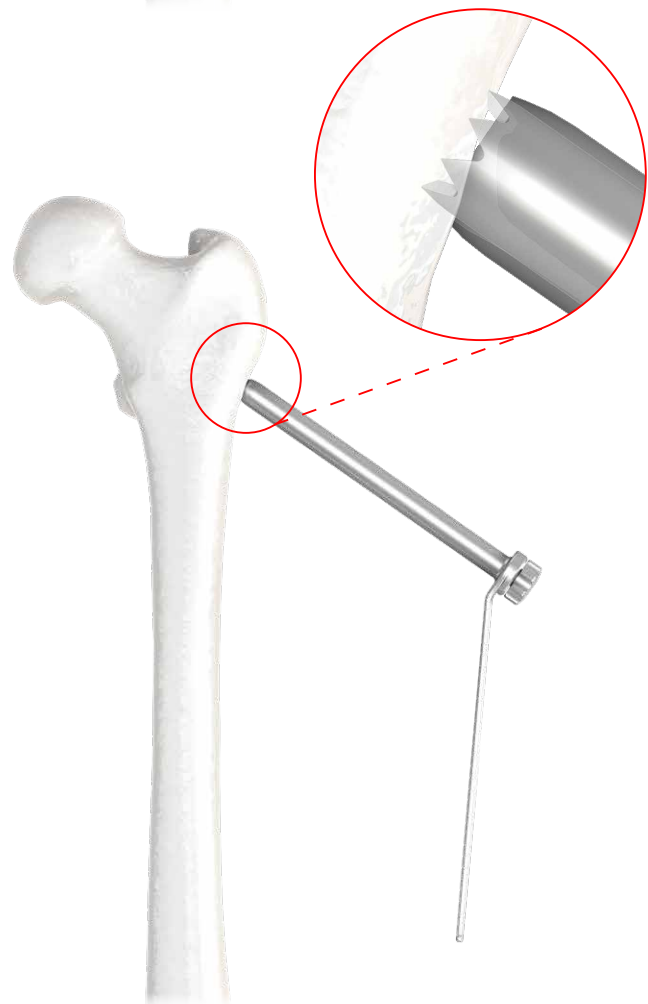
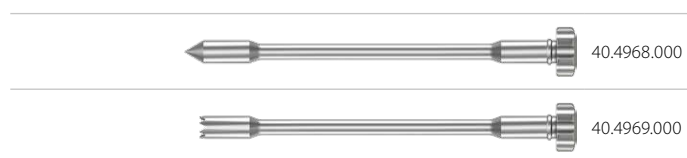
### 3.3. PROTECTIVE GUIDE AND TROCAR INSERTION

Install the trocar **[40.4968.000]** with protective guide **[40.4967.000]** and insert through the incision performed.



### 3.4. GUIDE SLEEVE INSERTION

Remove the trocar and insert the guide sleeve 2.2 **[40.4969.000]**. Push the guide to the bone.



For stable position on the bone, the guide sleeve 2.2 **[40.4969.000]** is equipped with sharp teeth at the tip.



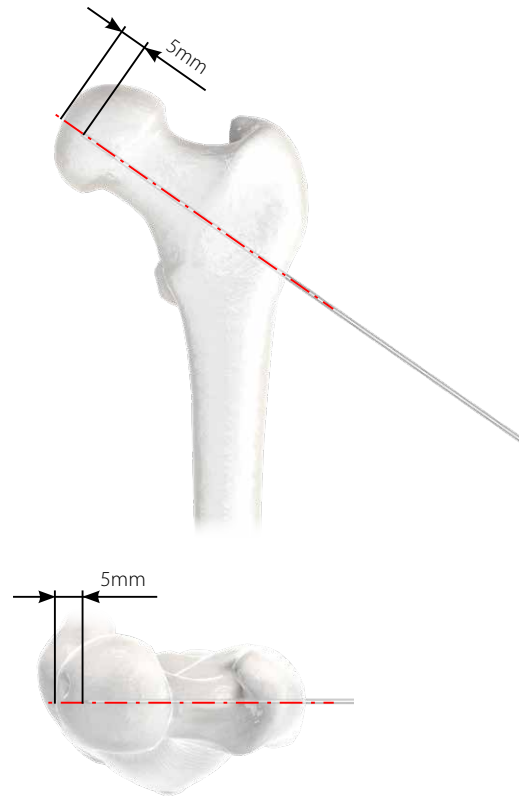
### 3.5. GUIDE ROD INSERTION

Insert the guide rod 2.2x300 **[40.4964.300]** perpendicular to the physis and stop 5mm from the subchondral bone.

 40.4964.300



Make sure the rod does not penetrate the articular surface.



### 3.6. SCREW LENGTH MEASURE

Slide the length measure **[40.4970.000]** over the guide rod. The scale on the measure determines the length of cannulated screw 7.3.

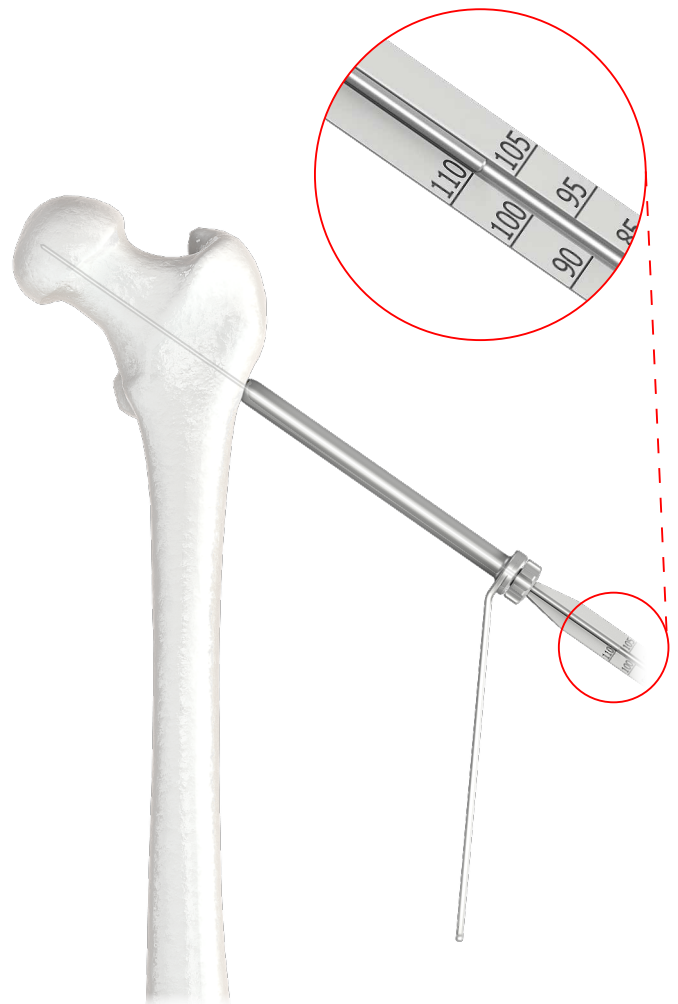
 40.4964.300

 40.4970.000

 40.4969.000



Make sure the guide sleeve **[40.4969.000]** is also used for measurement.

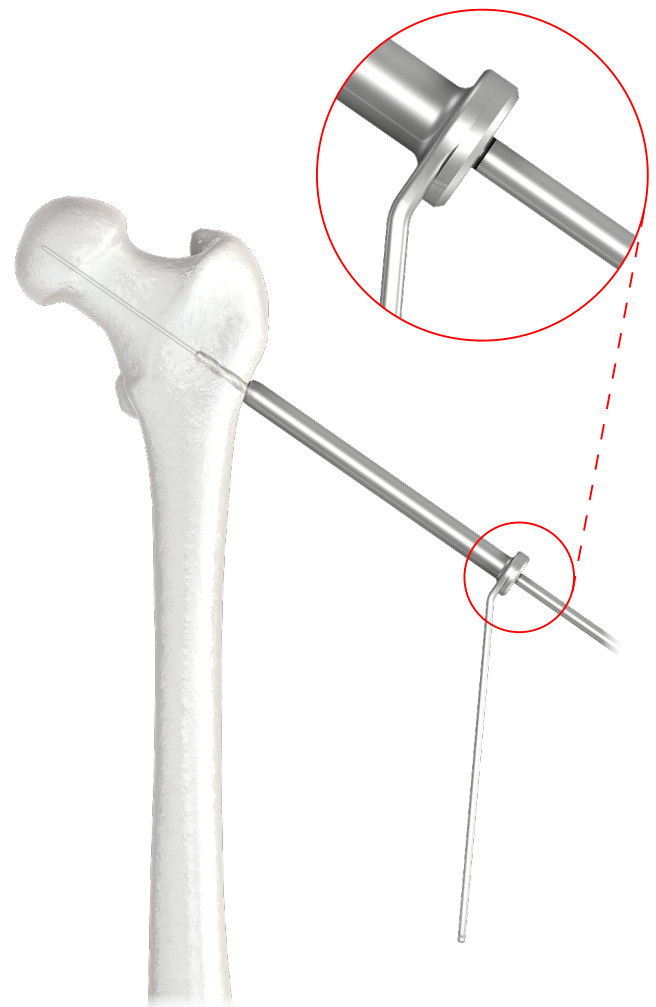


### 3.7. DRILLING

Remove the guide sleeve 2.2 **[40.4969.000]**. Drill until the marker on the drill **[40.4965.220]** is reached.

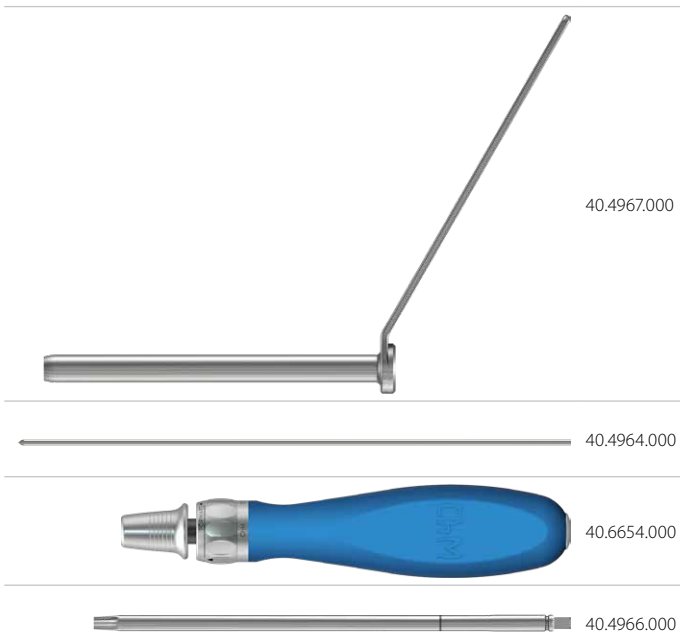


Drilling depth marker is provided on the drill.

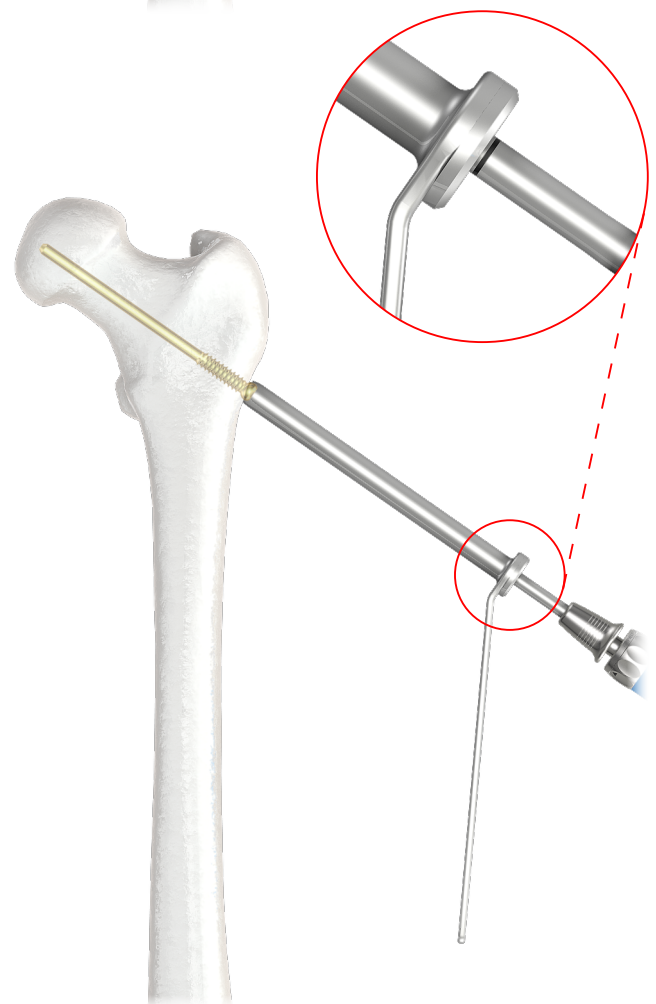


### 3.8. SCREW INSERTION

Using protective guide **[40.4967.000]**, place the selected screw, over the guide rod 2.2x300 **[40.4964.000]**, into the bone. Continue inserting until the screw head reaches the bone.



Cannulated screwdriver tip T30-3/16 **[40.4966.00]** is provided with a depth marker for proper screw insertion.



### 3.9. WOUND CLOSURE

Before closing the wound, take an X-Ray image in at least two projections to confirm implant position. Use appropriate surgical technique to close the wound.

## 4. POSTOPERATIVE PROCEDURE

Introduce appropriate postoperative treatment. The physician decides on the post-operative treatment and its conduct. In order to avoid patient's movement limitations, introduce exercises as soon after surgery as possible. However, make sure that the limb is not fully loaded before fragments osteosynthesis is complete.

## 5. IMPLANT REMOVAL




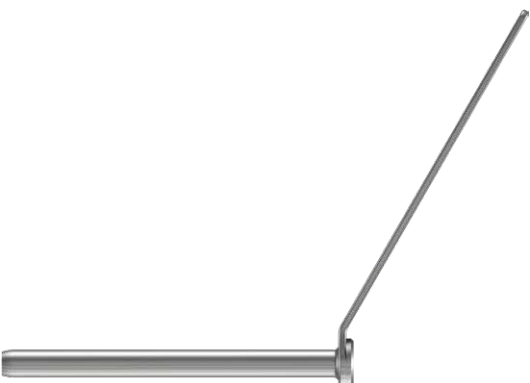




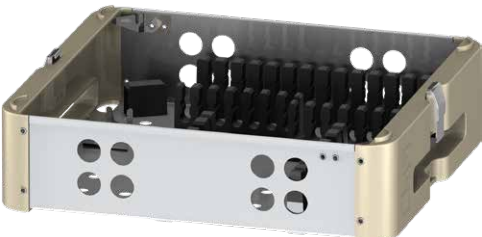
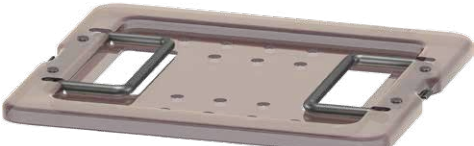
The physician decides about implant removal. Use protective guide **[40.4967.000]** and cannulated screwdriver tip T30-3/16 for the screw removal.

## 6. CATALOGUE PAGES

## 6a. INSTRUMENT SET

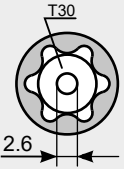
## Instrument set 3.1671 4x4

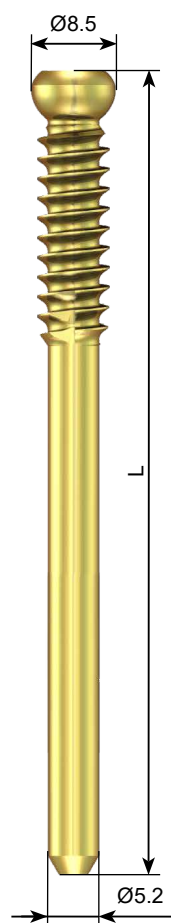
15.0102.101

No.		Name	Catalogue No.	Pcs
1		Guide rod 2.2x300	40.4964.300	1
2		Cannulated drill 5.2/2.2/220	40.4965.220	1
3		Cannulated screwdriver tip T30-3/16	40.4966.000	1
4		Protective guide	40.4967.000	1
5		Trocac	40.4968.000	1
6		Guide sleeve 2.2	40.4969.000	1
7		Length measure	40.4970.000	1
8		Handle ratchet device	40.6654.000	1
9		Container for 3.1671 4x4H	14.0102.101	1
10		Container lid for 3.1671 4x4H	14.0102.102	1

## 6b. IMPLANTS

## Cannulated screw 7.3

	
Catalogue no.	
L [mm]	Titanium
80	3.1671.080
85	3.1671.085
90	3.1671.090
95	3.1671.095
100	3.1671.100
105	3.1671.105
110	3.1671.110







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