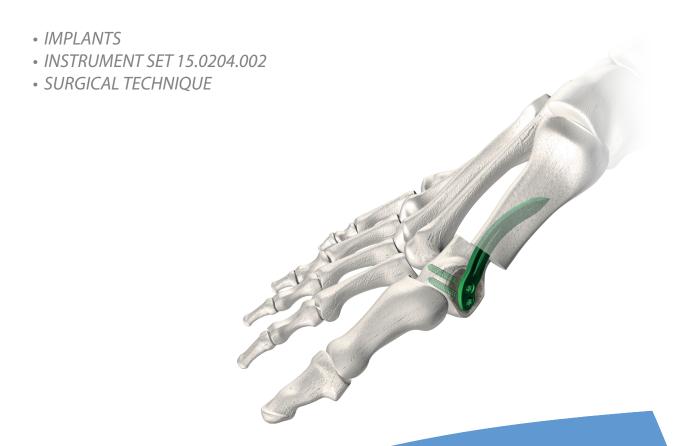




# 4.0ChLP ENDOSTEAL PLATE



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#### SYMBOLS DESCRIPTIONS

Ti	Titanium or titanium alloy	H	H length [mm]	
Co	Cobalt		Angle	
	Left	88 - 340	available lengths	
R	Right	4-22	Available number of holes	
LR	Available versions: left/right	1.8	Thickness [mm]	
Len	Length	1:1	Scale 1:1	
	Torx drive		Number of threaded holes in the shaft part of the plate	
	Torx drive cannulated		Number of locking holes in the plate	
	Hexagonal drive	VA	Variable angle	
	Hexagonal drive cannulated		Cortical	
	Cannulated		Cancellous	
	Locking	Ster Non Ster	Available in sterile/ non- sterile condition	
	Diameter [mm]		See surgery technique	
$\triangle$	Caution - pay attention to the particular proceeding.			
	Perform the activity with X-Ray control.			
i	Information about the next stages of the proceeding.			
	Proceed to the next stage.			
	Return to the specified stage and repeat the activity.			
	Before using the product, carefully read the Instructions for Use supplied with the product. 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.			

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 Document No
 ST/65B

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 $The \ manufacturer \ reserves \ the \ right \ to \ introduce \ design \ changes.$ 



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#### I. INTRODUCTION

Endosteal plates are used for the first metatarsal bone correction. The plates are a part of the 4.0ChLP locking plates system developed by **ChM**. The presented range of implants is made of titanium, titanium alloys and cobalt alloy in accordance with ISO 5832 standard. Compliance with the requirements of Quality Management Systems ISO 9001, EN ISO 13485 and the requirements of Directive 93/42/EEC concerning medical devices guarantee high quality of the offered implants.

The system for the first metatarsal bone treatment includes:

- implants (left and right endosteal plates, locking screws),
- instrument set used for plates implantation/removal,
- · surgical technique.

#### I.1. INDICATIONS

The plates are used to treat:

• metatarsus primus varus (hallux valgus)

#### I.2. CONTRAINDICATIONS

- · infections,
- growing children.

## I.3. PLATE SELECTION AND SHAPING

The plates are available in various lengths, two blade deflection variants, and left and right variant. This allows for optimal selection of the implant to the developed deformation.

Shaping of the plates is not allowed.



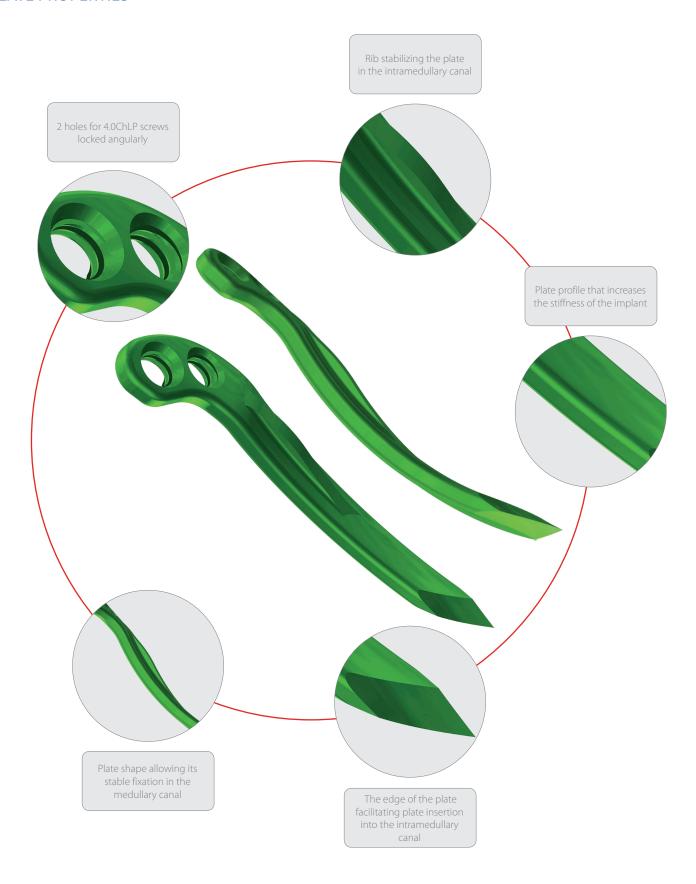
Prior to use, carefully read the instructions for use supplied with the device and attached at the end of this document. It includes, e.g.: indications, contraindications, adverse effects, recommendations and warnings related to the device use.



## **II. IMPLANTS**

Endosteal plates are a part of 4.0ChLP system. This system includes also compatible locking screws. To facilitate the identification, both the plate and the screws are colored green.

## **II.1. PLATE PROPERTIES**





## 4.0ChLP ENDOSTEAL PLATE









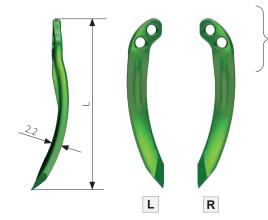
Left

L [mm]	Catalogue no.	
40	3.7061.140	
45	3.7061.145	
50	3.7061.150	



L [mm]	Catalogue no.	
40	3.7060.140	
45	3.7060.145	
50	3.7060.150	

Right



**Titanium** 3.5164.006-040

3.5164.006-040

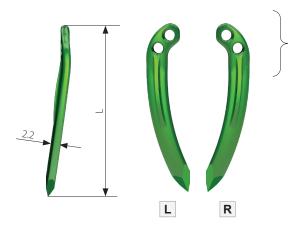
Cobalt

Left

L [mm]	Catalogue no.	
40	3.7061.240	
45	3.7061.245	
50	3 7061 250	

Right

	=	
L [mm]	Catalogue no.	
40	3.7060.240	
45	3.7060.245	
50	3.7060.250	



**Titanium** 3.5164.006-040

2.4

Cobalt

4.5235.006-040

2.4





# LOCKING ELEMENTS







#### 4.0ChLP SCREW 2.4





6	3.5164.006
8	3.5164.008
10	3.5164.010
12	3.5164.012
14	3.5164.014
16	3.5164.016
18	3.5164.018
20	3.5164.020
22	3.5164.022
24	3.5164.024
26	3.5164.026
28	3.5164.028
30	3.5164.030
32	3.5164.032
34	3.5164.034
36	3.5164.036
38	3.5164.038
40	3.5164.040

diameter of the core	1.8	
drill	1.8	40.2063.181
threaded guide	M3.5/1.8	40.4896.018
screwdriver tip	Т8	40.5682.000

#### 4.0ChLP SCREW VA 2.4



# 



6	4.5235.006
8	4.5235.008
10	4.5235.010
12	4.5235.012
14	4.5235.014
16	4.5235.016
18	4.5235.018
20	4.5235.020
22	4.5235.022
24	4.5235.024
26	4.5235.026
28	4.5235.028
30	4.5235.030
32	4.5235.032
34	4.5235.034
36	4.5235.036
38	4.5235.038
40	4.5235.040

diameter of the core	1.8	
drill	1.8	40.2063.181
guide VA	1.8	40.5928.018
screwdriver tip	T8	40.5682.000



# III. INSTRUMENT SET

#### Set for 4.0ChLP 3.7060/3.7061 4x4 H

15.0204.002	Name	Pcs	Catalogue No.
	Instrument set for 4.0ChLP 3.7060/3.7061 4x4 1/2H	1	15.0204.201
	Instrument set for 4.0ChLP 3.7060/3.7061 4x2 1/2H	1	15.0204.203
	Stand for 4.0ChLP implants 3.7060/3.7061 4x2 1/2H	1	14.0204.601
	4.0ChLP container lid 3.7060/3.7061 4x4	1	14.0204.104
	4.0ChLP container 3.7060/3.7061 4x4	1	14.0204.103



#### Instrument set for 4.0ChLP 3.7060/3.7061 4x4 1/2H

15.0204.201	Name	Pcs	Catalogue No.
	Threaded guide M3.5/1.8 - 4.0	2	40.4896.018
	Drill 1.8/180	1	40.2063.181
	Screwdriver tip T8.0	1	40.5682.000
	Screwdriver tip T8 with holder	1	40.5989.000
	Depth measure	1	40.4640.000
611年2018年3018日	Locking screw length measure	1	40.4818.100
	BUCK-GRAMCKO elevator 7.5	2	40.2185.000
	Mallet	1	40.6284.000
	Extractor	1	40.6283.000
	Torque limiting ratchet handle1Nm	1	40.6650.000
	Guide VA 1.8	1	40.5928.018
	Tray for 4.0ChLP instrument set 3.7060/3.7061 4x4 1/2H	1	14.0204.201



#### Instrument set for 4.0ChLP 3.7060/3.7061 4x2 1/2H

15.0204.203	Name	Pcs	Catalogue No.
	Raspatory	1	40.6285.000
	Targeter for endosteal plate - left	1	40.6281.100 *
	Targeter for endosteal plate - right	1	40.6282.100 **
	Drill 4.0	1	40.6278.000
Garage Gastra Garage Gastra Ga	Tray for 4.0ChLP instrument set 3.7060/3.7061 4x2 1/2H	1	14.0204.203
* compatible with plates 3.7061.1xx; 3.7061.2xx ** compatible with plates 3.7060.1xx; 3.7060.2xx			

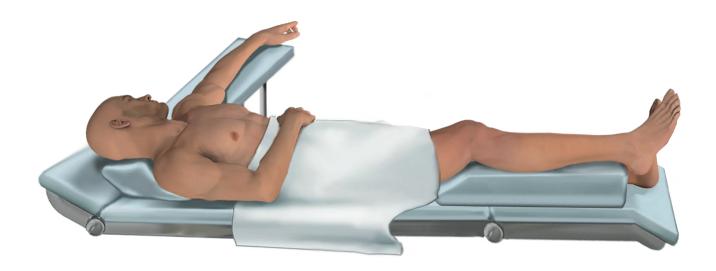
## Stand for 4.0ChLP implants 3.7060/3.7061 4x2 1/2H





## IV. PATIENT'S POSITIONING

It is recommended to position the patient on his back with a roller under his calf to lift the foot.



# V. SURGICAL APPROACH

Medial approach is recommended. Perform a short arched incision above the metatrsophalangeal joint. The cutting shall be slightly dorsal.





## VI. SURGICAL TECHNIQUE

#### VI.A. STANDARD TECHNIQUE

Technique using 2 screws of determined direction corresponding with direction of the locking holes. Use the technique if direction of the screws allows for their stable fixation in the distal part of the bone.

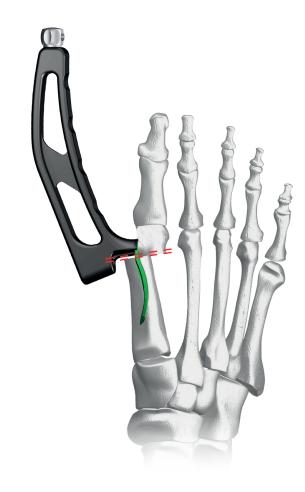


#### VI.B. TECHNIQUE WITH USE OF VA LOCKING SCREW

Technique with use of VA locking screw inserted in the direction predefined by a targeter.

Use the technique when:

- there is deep plate introduction into the medullary canal,
- the distal part of the bone is not big enough for proximal screw's introduction using the standard technique.



#### VI.A. STANDARD TECHNIQUE

## VI.A.1. Plate and targeter assembly



Attach suitable targeter - left or right **[40.6281.100]**/**[40.6282.100]** - to the plate. Tighten the screw that secures the targeter to plate using screwdriver tip T8.0 **[40.5682]**. Additionally, lock the threaded guide M3.5/1.8 - 4.0 **[40.4896.018]**.



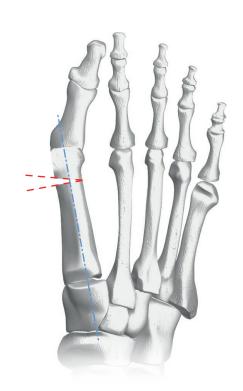
## VI.A.2. Bone correction

If need be, prior to osteotomy, remove a part of the head of the first metatarsal bone.



## VI.A.3. Bone cutting

Perform osteotomy at the site of endosteal plate implantation. The cutting should be performed at the base of the metatarsal head.





## VI.A.4. Medullary canal preparation



Prepare the medullary canal for plate insertion using raspatory [40.6285].



NOTE! Use mallet [40.6284] if required.



## VI.A.5. Plate insertion



Insert the plate into the prepared canal.



NOTE! Use mallet [40.6284] if required.



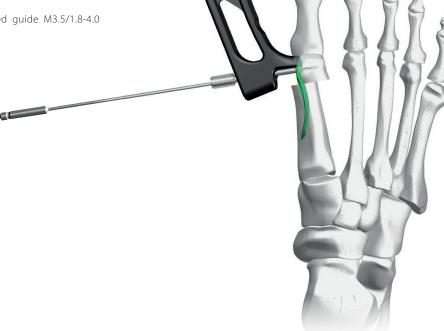
# VI.A.6. Insertion of the first locking screw

.

## VI.A.6.1 Drilling



Drill using drill 1.8/180 **[40.2063.181]** via threaded guide M3.5/1.8-4.0 **[40.4896.018]** until the desired depth is reached.



## VI.A.6.2 Depth measurement

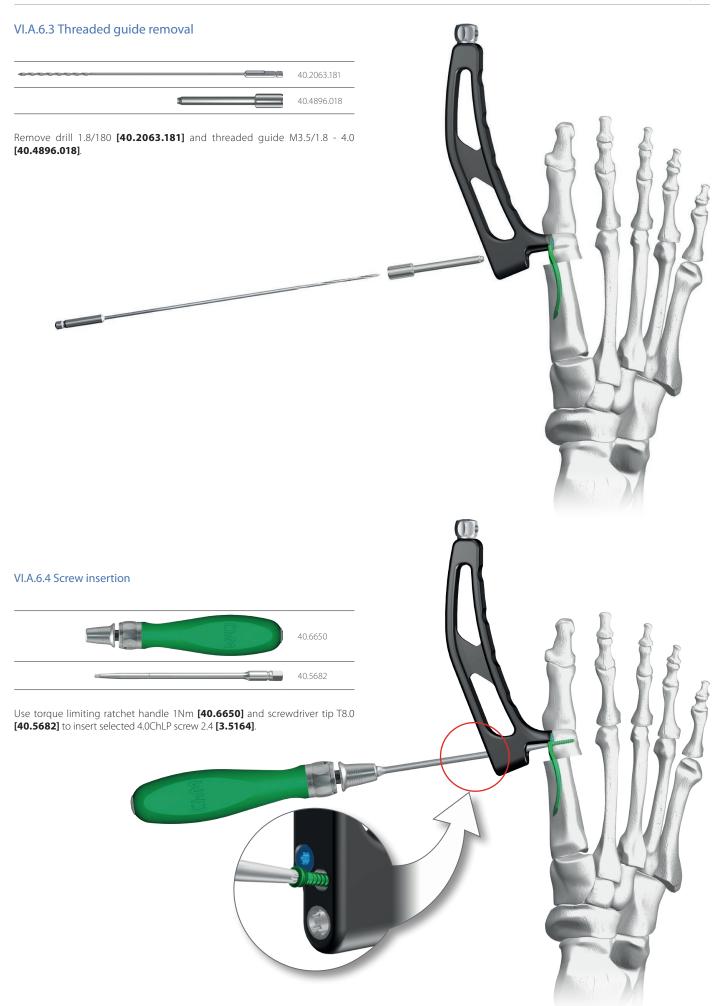


40.4818.100

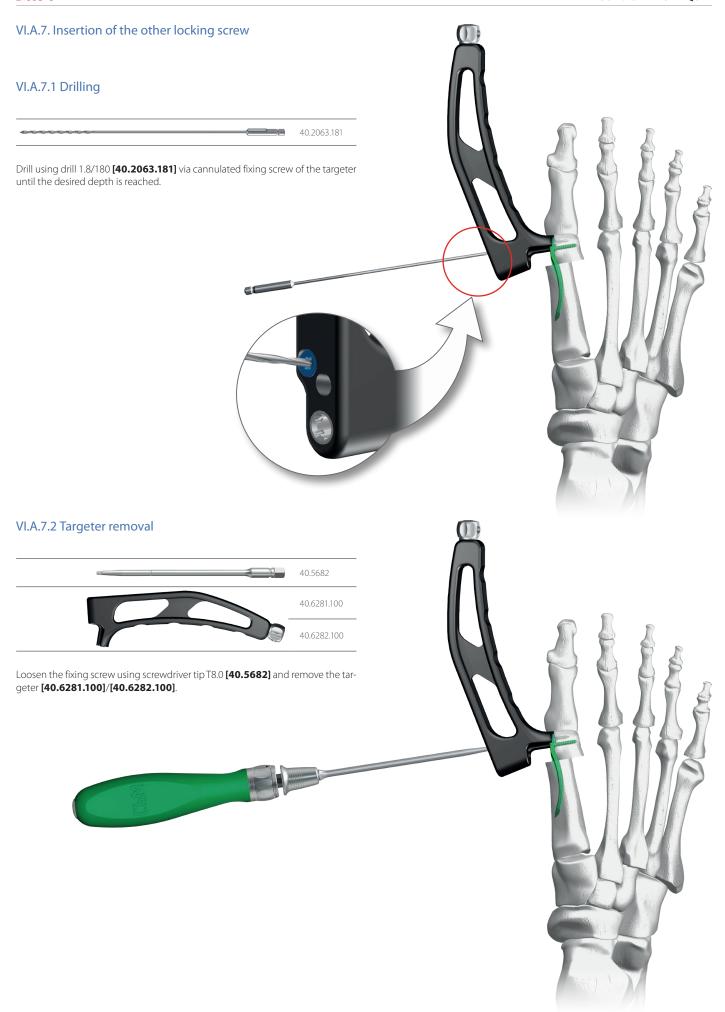
Use locking screw length measure **[40.4818.100]** to measure the hole depth.









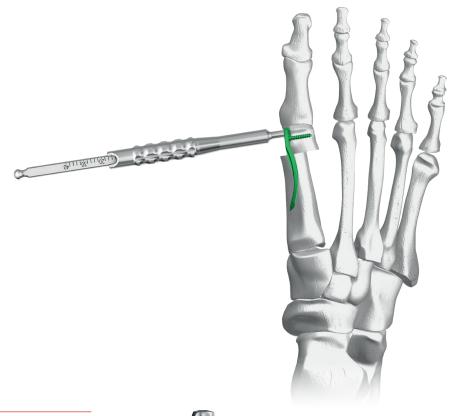




## VI.A.7.3 Depth measurement



Use depth measure [40.4640] to measure the hole depth.





NOTE! Do not measure the other hole depth using locking screw length measure [40,4818,100] via the cannulated screw what secures the targeter [40,6281,100]/[40,6282,100]. Measurement with the use of locking screw length measure [40,4818,100] is possible only via threaded guide M3.5/1.8-4.0 [40,4896,018] – point VI.A.6.2. of this surgical technique.



## VI.A.7.4 Screw insertion





Take X-Ray images in at least two projections to make sure that the locking was performed correctly.

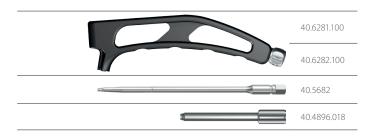






## VI.B. TECHNIQUE WITH USE OF VA LOCKING SCREW

## VI.B.1. Plate and targeter assembly



Attach suitable targeter - left or right **[40.6281.100]**/**[40.6282.100]** - to the plate. Tighten the screw that secures the targeter to the plate using screwdriver tip T8.0 **[40.5682]**. Additionally, lock the threaded guide M3.5/1.8 - 4.0 **[40.4896.018]**.



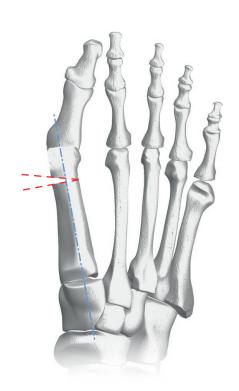
#### VI.B.2. Bone correction

If need be, prior to osteotomy, remove a part of the head of the first metatarsal bone.



## VI.B.3. Bone cutting

Perform osteotomy at the site of endosteal plate implantation. The cutting should be performed at the base of the metatarsal head.





## VI.B.4. Medullary canal preparation



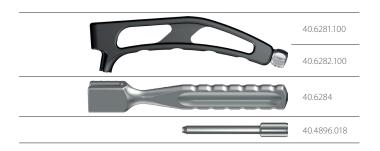
Prepare the medullary canal for plate insertion using raspatory [40.6285].



NOTE! Use mallet [40.6284] if required.



# VI.B.5. Plate insertion



Insert the plate into the prepared canal.

In order to facilitate deeper plate insertion, remove threaded guide M3.5/1.8 - 4.0  $\hbox{\bf [40.4896.018]}$  at the final stage of the insertion.



NOTE! Use mallet [40.6284] if required.





## VI.B.6. Insertion of the first VA locking screw

## VI.B.6.1 Approach preparation

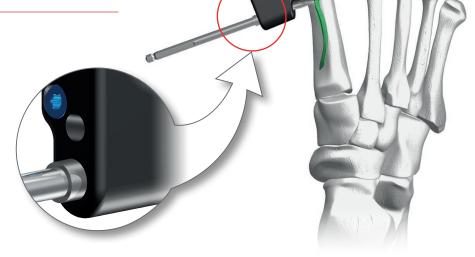


40.6278

Drill using drill 4.0 **[40.6278]** to the full depth, directly through the oblique targeter hole **[40.6281.100]**/**[40.6282.100]** and thus remove the part of the bone that covers proximal locking hole.



NOTE! The drill is equipped with a limiter that prevents from instrument-implant collision.



#### VI.B.6.2 Guide insertion



40.4896.018

Insert the threaded guide M3.5/1.8 - 4.0 [40.4896.018] into the oblique hole of the targeter until it reaches the plate.

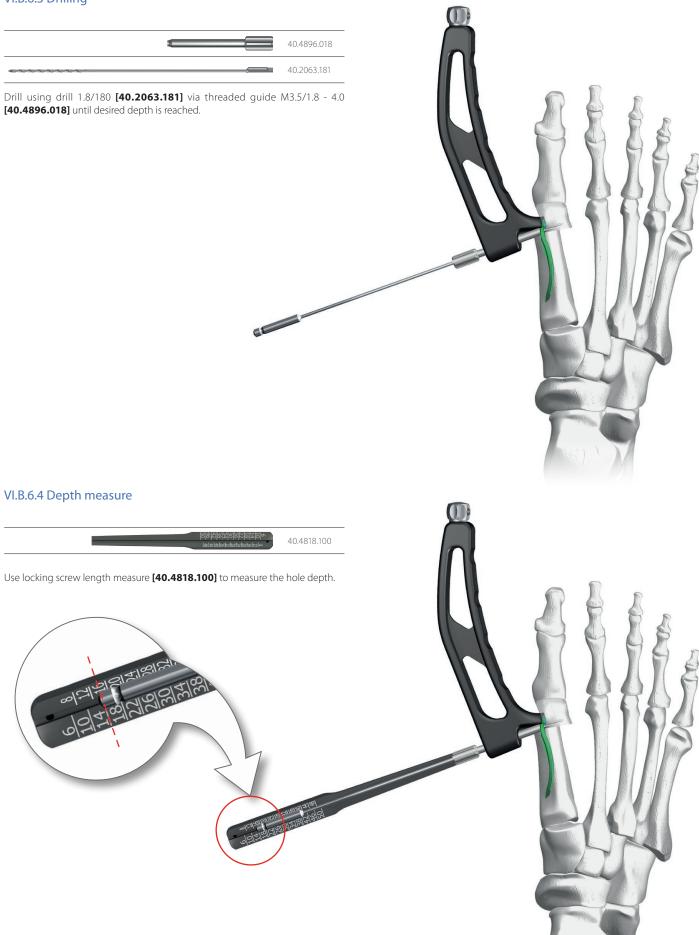


NOTE! Do not screw in the guide. The holes in the guide and in the implant do not correspond with each other in this position. There is a risk of threads damage.



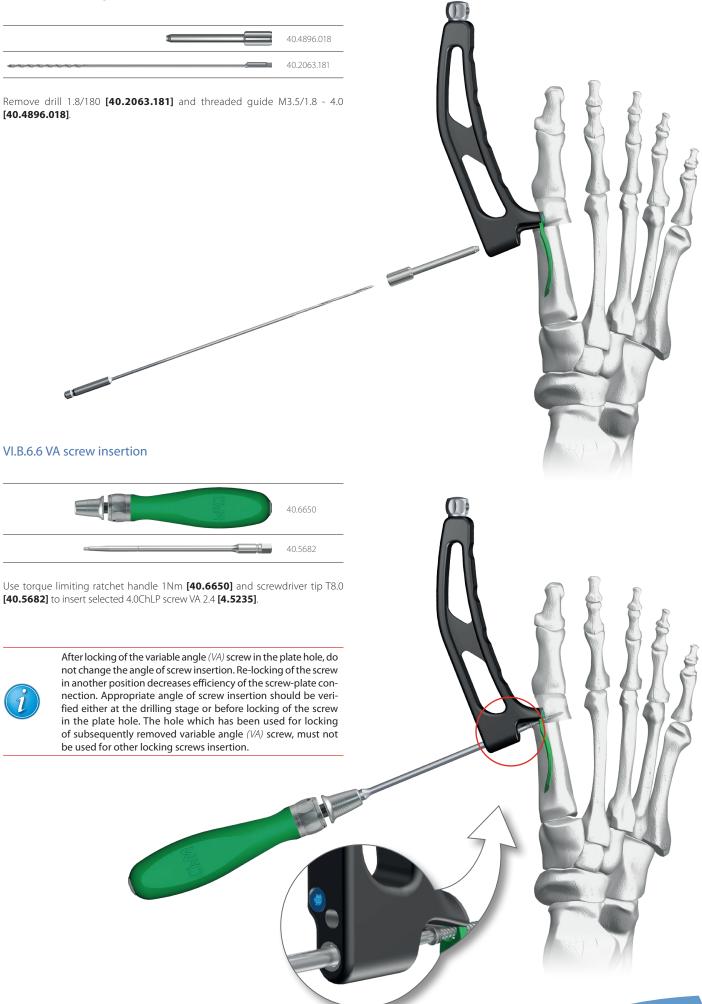


## VI.B.6.3 Drilling





## VI.B.6.5 Threaded guide removal





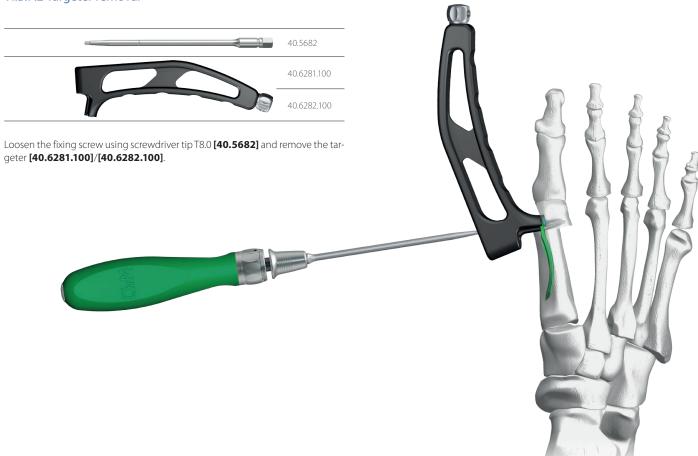
## VI.B.7. Insertion of the other locking screw

## VI.B.7.1 Drilling





## VI.B.7.2 Targeter removal

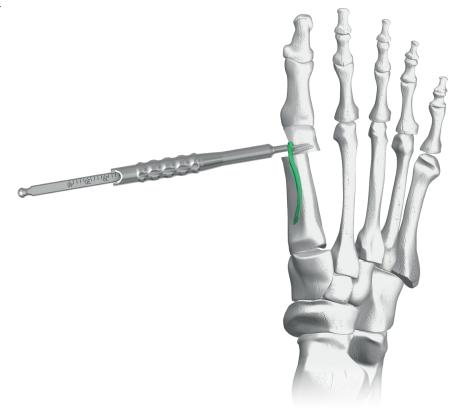




## VI.B.7.3 Depth measure



Use depth measure [40.4640] to measure the hole depth.









#### VI.B.7.4 Screw insertion



## VII. WOUND CLOSURE

Use appropriate surgical technique to close the wound. Prior to wound closure, make sure that all screws are properly tightened.



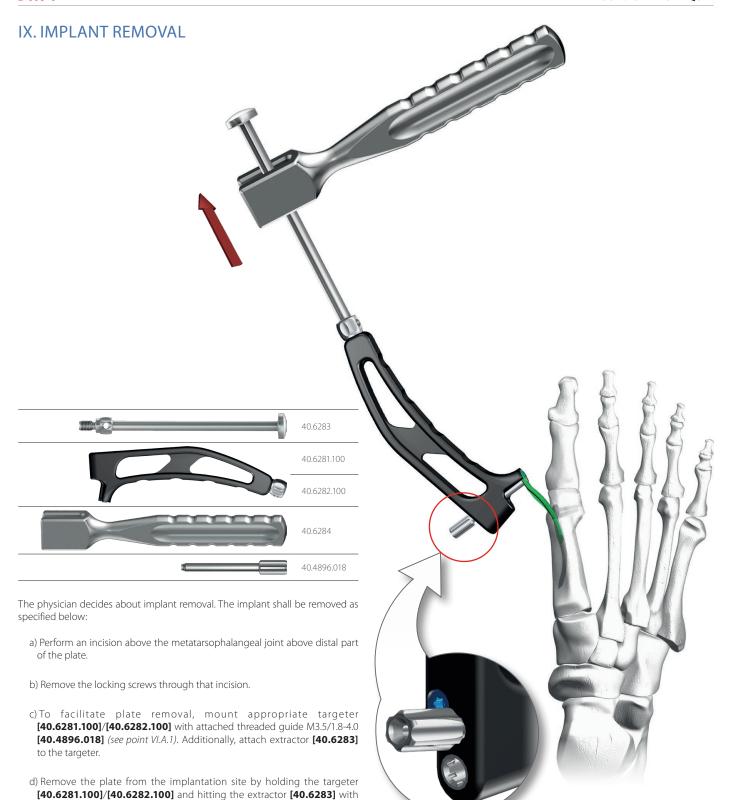
## VIII. POSTOPERATIVE PROCEDURE

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.





mallet [40.6284].



# X. CASES OF CLINICAL USE









ISO 9001/ ISO 13485



ufacturer: ChM sp. z o.o. Lewickie 3b. 16-061 Juchnowiec K., Poland tel.: +48 85 713-13-20 fax: +48 85 713-13-19 e-mail: chm@chm.eu www.chm.eu



#### DESCRIPTION AND INDICATIONS

INSTRUMENTS nts manufactured by **ChM** sp. z o.o. are mainly made of steel, aluminium alloys and plastics used in medicine and in accordance with the applicable procedures.

REUSABLE ORTHOPAEDIC AND SURGICAL

Each medical instrument is exposed tooccurrence of corrosion, stains and damage if not treated with special care and according to recommendations provided below.

The use of instruments in accordance with their intended purpose prolongs their usability.

Instrument's durability is limited and highly related to the manner and frequency of its usage

The unit package contains one piece of the product in non-sterile condition. The welded clear foil sleeve is typical packaging material. The products may also be supplied as complete sets (arranged on travs and placed into specially designed sterilization containers).

This Instructions For Use is attached both to the unit package and to the instrument set as well.

- The packaging is equipped with the product label. The label contains
- ChM logo and the manufacturer's address, name, size and catalogue number of the device (REF), e.g.: 40.XXXX.XXX,
- production batch number (LOT), e.g.: XXXXXXX,
- NON-STERILE sign: indicates non-sterile product,
   information symbols (described in the footer of this Instructions For Use).

Depending on the size or type of the product, the following information may be marked on its surface: ChM logo, production batch no. (LOT), catalogue no. (REF), type of material and device size MATERIALS

Devices are produced of corrosion-resistant steel. The protective layer (passive layer) against corro sion is formed on the surface of the steel due to high content of chromium.

Devices produced of aluminium are mainly stands, palettes, cuvettes and some parts of instru-ments such as handles of screwdrivers, awls or wrenches, etc. The protective oxide layer, which may be dyed or stays in natural colour (silvery-grey), is formed on the aluminium as an effect of electro chemical treatment on its surface.

Devices made of aluminium with processed layer have a good corrosion resistance.

The contact with strong alkaline cleaning and disinfecting agents, solutions containing iodine or some metal salts, due to chemical interference with the processed aluminium surface, shall be avoided.

Devices are mainly manufactured out of the following plastics: PPSU (Polyphenylsulfone), PEEK (Polyetheretherketone) and teflon (PIFE - Polytetrafluoroethylene).

The above mentioned materials can be processed (washed, cleaned, sterilized) at temperatures not higher than 140°C, they are stable in aqueous solution of washing-disinfecting agents with pH values from 4 to 10.8.

If the material of the device cannot be specified, please contact ChM sp. z o.o. representative.

#### WARNINGS AND PRECAUTIONS

- 1. Reusable orthopaedic and surgical instruments are intended for use in operating room conditions only by skilled and trained medical professionals, specialists in surgery, who are familiar with their
- 2. The surgeon should be familiar with all components of the device before use and should personally verify if all components and devices are present before the surgery begins.
- Prior to the device usage and before procedure begins, all components of instruments should be carefully inspected for proper functioning and condition. Blades of all cutting edges should be sharp and undamaged. Replace any damaged accessory immediately. Employing bent or dam-
- aged surgical instruments in surgery is not allowed.

  4. Tissue structures dose tooperative site must be protected.

  5. Contact of the instrument with metal operating equipment, retractors or other devices may cause damage that necessitates intraoperative replacement of that instrument
- 6. Do not apply excessive force when using the instrument it may lead to its faulty operation and, in consequences, to permanent damage.

  7. While rare, intraoperative fracture or breakage of the instrument can occur. Instruments which
- have been subjected to extensive use or extensive force are more susceptible to fractures, depend-
- ing on care taken during surgery and the number of procedures performed.

  8. In the case of breakage and presence of instrument fragments in the patients' body, remove and dispose of them following the appropriate protocol of the unit.
- In the case of suspected or documented allergy or intolerance to metallic materials, surgeon shall find out if the patient develops allergic reaction to the instrument material by ordering appropriate tests.
- 10. Improper or careless handling of the instruments and related chemical, electrochemical and physical damage may adversely affect the corrosion resistance and shorten the life of the in-
- 11. Reusable orthopaedic and surgical instruments are intended only for specific procedures and must be used strictly according to their intended purpose. Use of instruments not in accorand into the deep start, accounting to the intended pulper. One of institutions for in accordance with their intended purpose may lead to malfunction, accelerated wear and — in consequences — damage of the instrument.

  12. It is extremely important to follow the calibration deadline which is permanently marked
- on the torque instruments (see CAUBRATION). Use of a torque instrument with an overstepped cali-bration date may lead to potential injury, implant or device damage, or loss of correction. If there appear any irregularities in device operation, e.g., due to heavy usage, prior to next calibration date, the instrument should be immediately sent to the manufacturer for its re-calibration.

#### CLEANING, DISINFECTION AND STERILIZATION Prior to use of a non-sterile device the following rules apply:

· Before use, the device must undergo cleaning, disinfection and sterilization procedures. It is rec-

ommended to use an automated procedure (washer-disinfector) for cleaning and disinfecting

Effective cleaning is a complicated procedure depending on the following factors: the quality of water, the type and the quantity of used detergent, the techniques of cleaning (manual, ultrasound, with the use of washing/disinfecting machine), the proper rinsing and drying, the proper preparation of the instrument, the time, the temperature and carefulness of the person conducting this process.

#### Preparation for cleaning

After removing the product from its original packaging and before each cleaning, remove possible surface contamination using a disposable cloth, paper towel or plastic brushes (nylon brushes

It is not permitted to use brushes made of metal, bristles or materials which can cause damage to the device

Cleaning and disinfection process
Chosen detergents and disinfectants must be suitable and approved for use with medical devices. It is important to follow the instructions and restrictions specified by the producer of these

#### CAUTION:

To avoid product damage (pitting, rust), **DO NOT** use highly aggressive agents (NaOH, NaO(I), salt so-lutions and other unsuitable cleaning agents. It is recommended to use aqueous solutions of washinglutions and other unsuitable cleaning agents. It is recomn disinfecting agents with a pH value between 7 and 10.8.

- Apply cleaning agent solution to the product surfaces with careful brushing. A suitable brush must be used for cleaning holes.
- If applicable, ultrasonic cleaning may be used. The ultrasonic bath must be prepared according to the manufacturer's instructions.
- Next rinse thoroughly under running water. It is recommended to use demineralized water
- Visually inspect the entire surface of the device for damage and contaminants. Damaged products must be removed. For contaminated products, the cleaning process should be repeated

#### CAUTION:

- Never use metal brushes, files or sponges for contaminants removal.
   Rinse thoroughly and carefully. Sterile demineralized water facilitates water spots removal from the instrument's surface.
- · Instruments with cannula should be blown through using compressed air gun, or air supplied from
- If the accumulated in the cannula material cannot be removed in accordance with the instructions, the device should be considered at the end of its useful life and should be disposed of in accordance with the facility procedures and guidelines.

#### Cleaning with washer-disinfector

The device should undergo a process of machine washing in the washer-disinfector (use washing-disinfecting agents recommended for medical devices).

#### CAUTION: The cleaning/disinfecting appliances should be compliant with requirements specified in ISO 15883.

Procedure of washing in the washer-disinfector shall be performed according to internal hospital procedures, recommendations of the washing machine manufacturer, and instructions for use prepared by the washing-disinfecting agents manufacturer.

Disinfection should be carried out at 90° (sook for at least 10 minutes in demineralized water) with-

out the use of detergents.

Drying of the device must be performed as a part of the cleaning/disinfection process.

#### Before preparing for sterilization, all medical devices should be inspected

- Generally, visual inspection under good light conditions is sufficient. All parts of the devices should be checked for visible soil and/or corrosion. Particular attention should be paid to: soil traps such as mating surfaces, hinges, recesses, instruments shafts,
- holes, cannulations,

- Roleas where soil may be pressed during use,
   cutting edges should be checked for sharpness and damage,
   special care should be taken to inspect the instruments for complete dryness prior to their storage.
- Functional checks should be performed where possible:
- mating devices should be checked for proper assembly
- all reusable orthopaedic and surgical instruments should be checked for straightness.

#### CAUTION:

The ChM sp. z a.a. does not define the maximum number of uses appropriate for re-usable medical instruments. The life of these devices depends on many factors including the method, way and duration of each use, and the handling between uses.

Inspection and functional testing of the device must be carried out before each use. In the case of identified damage, the instrument must not be used again

ATTENTION! The manufacturer does not recommend using any preservatives on surgical and orthopedic devices.

The product supplied non-sterile must be repacked in a packaging intended for a specific sterilization method that meets the requirements of ISO 11607-1 and is marked with CE sign. The pack-aging procedure must be performed in controlled purity conditions. The product must be packed in such a way that during removal from the package to be used, there is no risk for its contamination. Sterilization package is designed to maintain the sterility of medical devices after the sterilization process and during their storage prior to use

#### Sterilization

Before each sterilization procedure and application, the device has to be controlled. The device is to be efficient, without toxic compounds like residues after disinfection and sterilization processes and without structure damage (cracks, fractures, bending, peeling). Remember that sterilization is not a substitute for cleaning process!

Disinfected, washed, and dried device shall undergo the sterilization process in accordance with the client procedures. The recommended method of sterilization is vacuum-type steam steriliza-tion (with water vapor under overpressure):

- temperature: 134°C,
- minimum exposure time: 7 min.
- minimum drying time: 20 min

#### CAUTION:

- Sterilization must be effective and in accordance with requirements of the EN 556 standard which
  means that theoretical probability of presence of a living microorganism is less than 1/10<sup>e</sup> (SAL=10<sup>e</sup>, where SAL stands for Sterility Assurance Level).
- Device must not be sterilized in the package in which it was delivered, except specially designed ster-
- ilization containers.

  Validated sterilization methods are allowed.
- Sterilization of surgical instruments shall be carried out using appropriate equipment and under
- the conditions that conform to applicable standards.

  Devices manufactured out of plastics (PPSU, PEEK, PTFE) may be sterilized by any other available. sterilization method validated in the centre but the sterilization temperature is not to be higher than

Durability and strength of instruments to a considerable degree depend on how they are used. Careful usage consistent with intended use of the product protects it against damage and pro-

#### STORAGE

The devices should be properly stored. When storing surgical instruments it is recommended that they never be stacked together. It may lead to damage of cutting edges (nick or dull) and/or initiation of corrosion centers. Instruments should be stored in dark, dry room, if possible — in suitable storage racks and placed into specially designed sterilization containers.

- 1. Regular calibration is required in case of torque wrenches, handles and connectors. Torque instruments are factory-calibrated, the nominal torque of a calibrated instrument is marked on the de-
  - To maintain a high level of safety and accuracy of operation of a torque instrument, it is necessary
- to follow the calibration deadline which is marked on the device.

  2. The calibration is conducted by the manufacturer ChM sp. z o.o. Any unauthorized modifications of the structure or default, factory settings may lead to potential injury or device damage and are forbidden

If this instructions appears unclear, please contact the manufacturer, who shall provide all re-

Updated INSTRUCTIONS FOR USE are available on the following website: www.chm.eu IFU-I-001/15; Date of verification: December 2015

SYMBOL TRANSLATION - OBJAŚNIENIA SYMBOLI - NOSCHEHNE OGO3HAYEHNÜ - EXPLICACIÓN DE LOS SÍMBOLOS - SYMBOLERKLÄRUNG - SYMBOLY PŘEKLADY - TRADUZIONE SIMBOLI



Do not reuse • Nie używać powtórnie • He использовать повт wiederverwenden • Nepoužívejte opakovaně • Non riutilizzare

๎

Do not use if package is damaged - Nie używać jeśli opakowanie jest uszkodzone - Не использа при повреждённой упаковке - No utilizar si el envase está dañado - Nicht verwenden falls Ver beschädigt si - Nepouźivejte, pokud je obal poškozen - Non utilizzare se la confezione é dannec

 $\prod$ i AON

erylny • Не стерильно • No estéril • Unsteril • Nesterilní • Non steril

 $\triangle$ STERILE R

Caution - Ostrzeżenie - Осторожно - Advertencia - Vorsicht - Varování - Attenzione leggere il findiette

STERILE VH202

Sterilized using hydrogen peroxide - Sterylizowany nadtlenkiem wodoru - Стерилизован перекисью водорода - Esterilizado con pertixido de hidriogeno - Sterilisiert mit Wasserstoffperoxid - Sterilizováno peroxidem wodiku - Sterilizzato mediante perossido di idropeno

REF Catalogue number - Numer katalogowy - Howep no kara Katalogové číslo - Numero di catalogo LOT Batch code • Kod partii • Код партии • Código de lote • Chargen Mat: Material - Materiał - Material - Material - Material - Material

Qtv

Use hy « Użyć do » Mcnonsangars, no » Usar antes de » Verwenden his » Použite do » Da utilizzare entro il

Manufacturer: ChM sp. z o.o. Lewickie 3b, 16-061 Juchnowiec K., Poland tel.: +48 85 713-13-20 fax: +48 85 713-13-19 e-mail: chm@chm.eu www.chm.eu

# ChM sp. z o.o.

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€ 0197 ISO 9001 ISO 13485