




































5.0ChLP ACJ PLATE
3.7242

- *IMPLANTS*
- *INSTRUMENT SET 15.0205.601, 15.0205.430*
- *SURGICAL TECHNIQUE*



SYMBOLS DESCRIPTION

	Titanium or titanium alloy		H length [mm]
	Cobalt		Angle
	Left		available lengths
	Right		Available number of holes
	Available versions: left/right		Thickness [mm]
	Length		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		Variable angle
	Hexagonal drive cannulated		Cortical
	Cannulated		Cancellous
	Locking		Available in sterile/ non- sterile condition
	Diameter [mm]		Refer to surgical technique

	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.

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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

This surgical technique applies to 5.0ChLP locked plating system used for stabilization of acromioclavicular joint. The plates are a part of the ChLP locked plating system developed by **ChM**. The presented range of implants is made of materials in accordance with ISO 5832 standards.

The system includes:

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

Indications

The plate is intended for stabilization of the acromioclavicular joint in fresh injuries that occurred 7 up to 10 days before. The implant facilitates healing of torn structures that stabilize the acromioclavicular joint.

Plate selection and shaping

The plates are available in various sizes. This allows for optimal selection of the an implant to the acromion size. Shaping of the plates is not allowed.



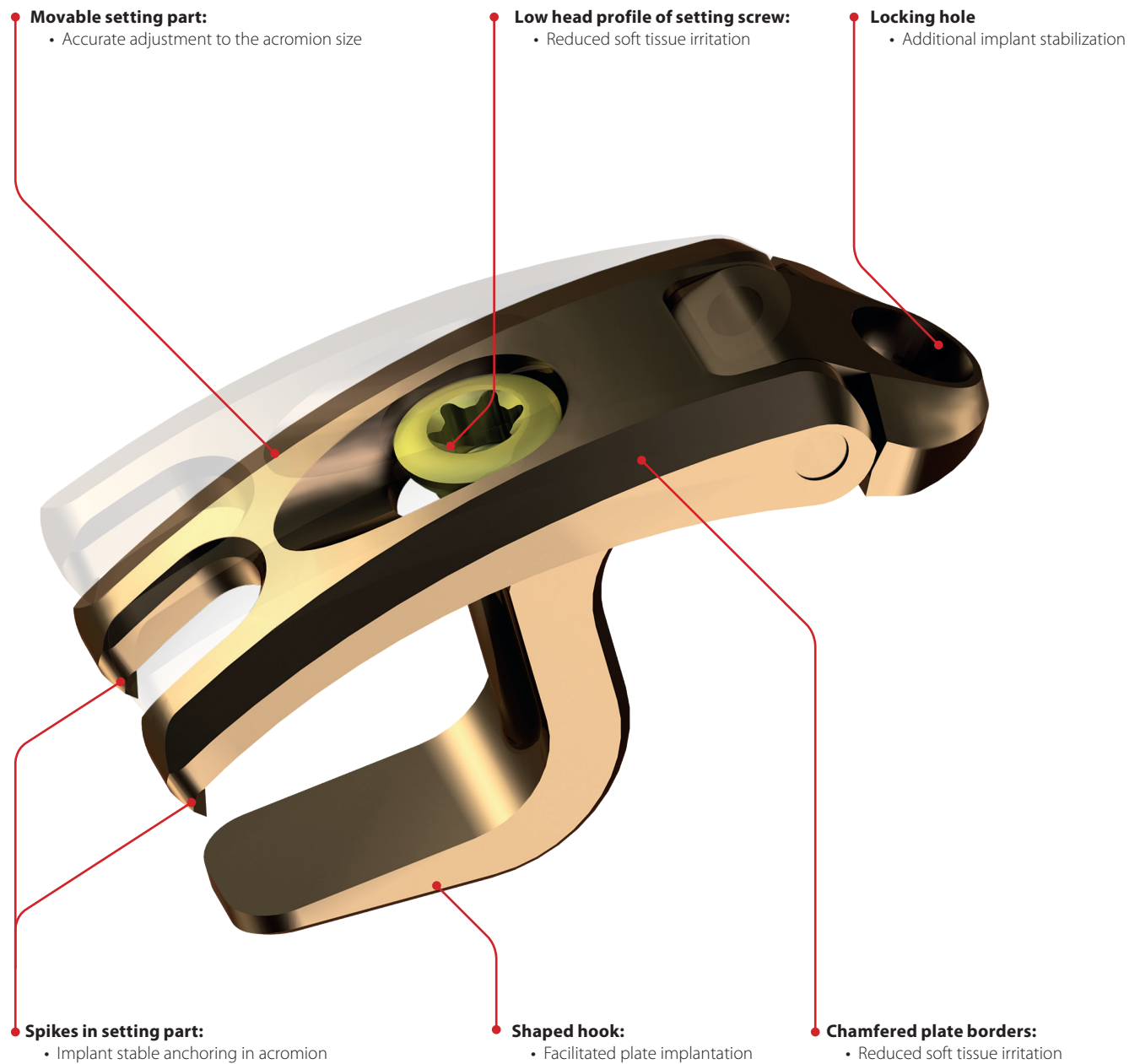
Before using the product, carefully read the Instructions for Use. It contains, among others, indications, contraindications, side effects, recommendations and warnings related to the use of the product.



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

2. IMPLANT DESCRIPTION

ACJ plates are a part of 5.0ChLP system. This system includes also compatible locking screws. To facilitate their identification, both titanium plate and screws are brown anodized.

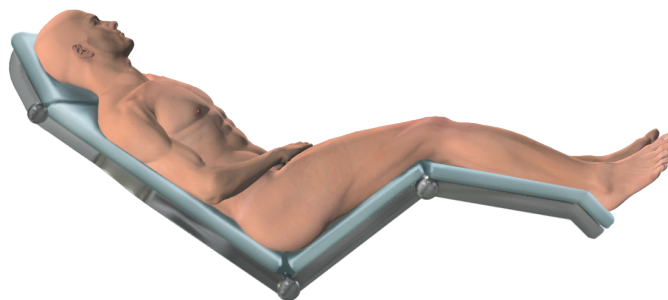




3. SURGICAL TECHNIQUE

3.1. PATIENT POSITIONING

A beach-chair patient positioning is recommended. Ensure adequate X-Ray imaging control.



3.2. SURGICAL APPROACH

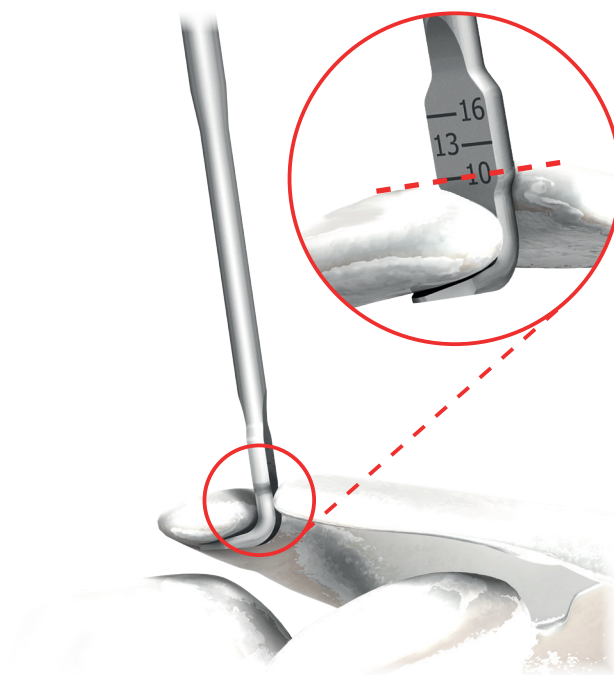
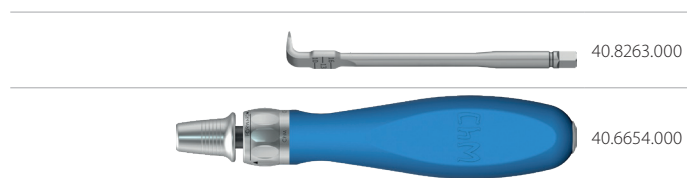
Perform the skin incision over the acromioclavicular joint.



3.3. IMPLANT SELECTION

Use the measure **[40.8263.000]** to determine the plate size.

The measure hook should support the bottom surface of the acromion. The (*closest*) value on the scale indicated by the clavicle defines the plate size.



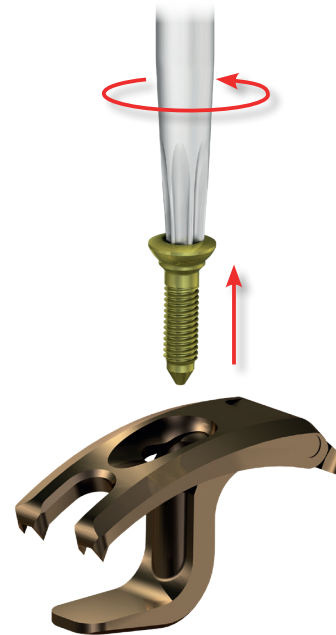
3.4. IMPLANT INSERTION

3.4.1. REMOVAL OF THE SCREW FROM THE PLATE

Use the screwdriver tip T15 **[40.5677.000]** to remove the screw M3 from the ACJ plate.



40.5677.000

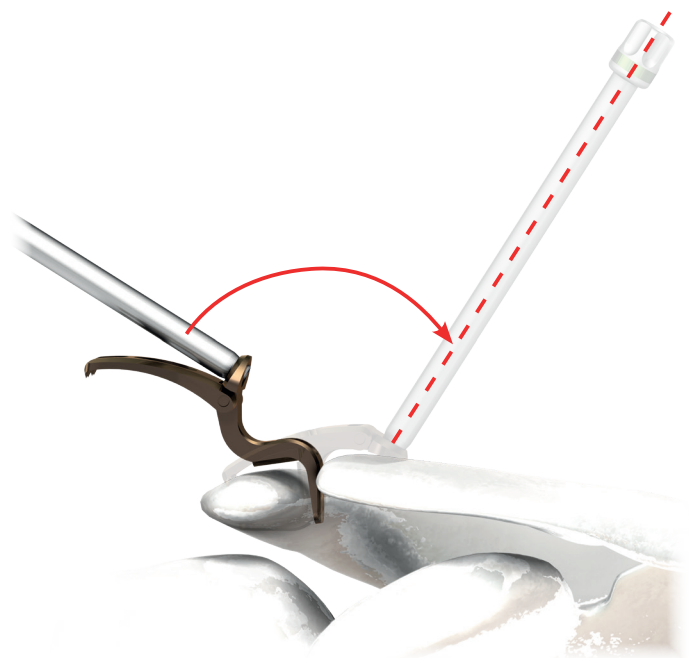


3.4.2. IMPLANT POSITIONING

Insert the guide sleeve 5.0/2.8 **[40.5673.728]** into the locking hole of the plate. Open the plate and continue inserting the plate until the implant is properly positioned under the acromion.



40.5673.728



3.4.3. IMPLANT SETTING

Close the ACJ plate and insert the setting screw. Use the screwdriver tip T15 **[40.5677.000]** to tighten up the screw until the ACJ plate is secured on the acromion.



40.5677.000



40.6654.000



3.5. LOCKING SCREW INSERTION

Insert 5.0ChLP self-tapping screw 3.5 **[3.5200]** of a suitable length into the locking hole of the plate (*acc. to procedure 4c*).



The doctor decides whether the screw is required.



3.6. WOUND CLOSURE

Before closing the wound, take an X-Ray image in at least two projections to confirm implant position. Make sure the screw is properly tightened up. Use appropriate surgical technique to close the wound.

4. PROCEDURE OF 5.0CHLP SELF-TAPPING SCREW 3.5 [3.5200] INSERTION

Guide sleeve insertion

- Insert guide sleeve 5.0/2.8 [40.5673.728] into a locking hole of the plate.

 40.5673.728

Hole drilling

Drill using drill with scale 2.8/210 [40.5653.212] until desired depth is reached.

 40.5653.212

Measurement of hole depth

OPTION I: Read the length of the screw from the drill measure [40.5653.212]

 40.5653.212

OPTION II: or use screw length measure [40.5675.500].

 40.5675.500

OPTION III: Having removed the guide sleeve 5.0/2.8 [40.5673.728], use depth measure [40.4639.550] to determine the length of a screw.

 40.4639.550

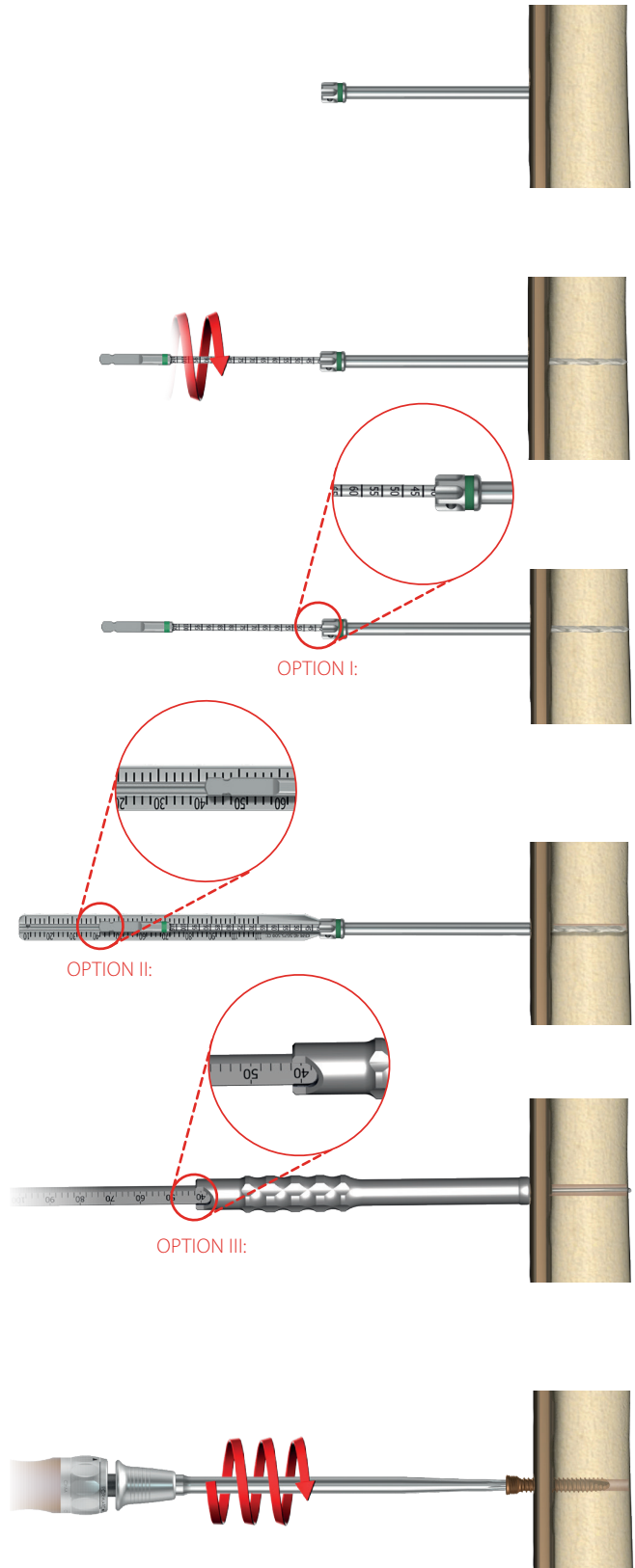
Screw insertion

Remove the guide sleeve 5.0/2.8 [40.5673.728]. Use torque limiting ratchet handle 2Nm [40.6652.000] and screwdriver tip T15 [40.5677.000] to insert the locking screw.

 40.6652.000

 40.5677.000


The final tightening of the locking screw, especially when a drive is used, should always be performed with the use of torque limiting handle. Failure to use the torque limiting handle may lead to intraoperative and postoperative complications (*during later removal of the plate and locking screws*).



5. POSTOPERATIVE PROCEDURE

Introduce appropriate postoperative treatment. Apply a sling for about 6 weeks. Introduce exercises with limited range of the forward flexion and 45° abduction, subsequently - active exercises to increase the range of motion and strength of the shoulder girdle muscles about 3 months after the surgery. The physician decides on the post-operative treatment and its conduct.

6. IMPLANT REMOVAL

Remove the implant approximately 10-12 weeks after the surgery.

The physician decides about implant removal.

Remove the locking screw (*if was used*).







To facilitate the plate removal, insert the guide sleeve 5.0/2.8 **[40.5673.728]** into the locking hole of the plate. Remove the setting screw and then the plate.

7. CATALOGUE PAGES

7a. INSTRUMENT SET


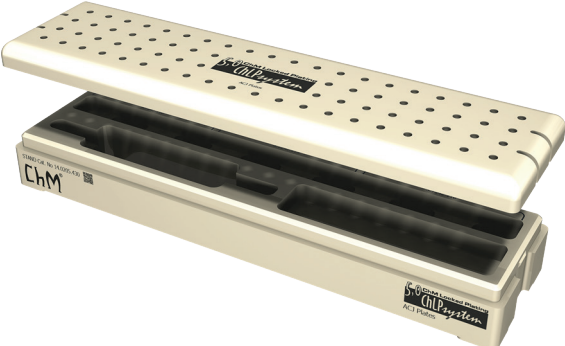
Instrument set 3.7242

15.0205.601

No.		Name	Catalogue No.	Pcs
1		Drill with scale 2.8/210	40.5653.212	1
2		Screwdriver tip T15	40.5677.000	1
3		Handle ratchet device	40.6654.000	1
4		Guide sleeve 5.0/2.8	40.5673.728	1
5		Measure	40.8263.000	1
6		Stand for 5.0ChLP implants 3.7242 4x2 1/2	14.0205.601	1

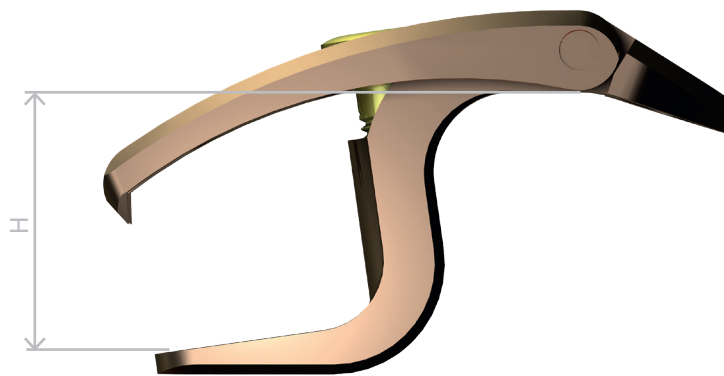
Instrument set 3.7242*

15.0205.430

No.		Name	Catalogue No.	Pcs
1		Measure	40.8263.000	1
2		Stand for 5.0ChLP implants 3.7242 4x1 1/2	14.0205.430	1

*Complementary instruments. Use with instrument set for 5.0ChLP 4x1 1/2H [15.0205.206]

5.0ChLP ACJ plate

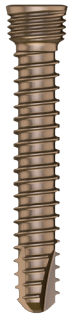


10	3.7242.110
13	3.7242.113
16	3.7242.116





5.0ChLP self-tapping screw 3.5



Len	Ti
12	3.5200.012
14	3.5200.014
16	3.5200.016
18	3.5200.018
20	3.5200.020
22	3.5200.022

ChM sp. z o.o.

Lewickie 3b
16-061 Juchnowiec Kościelny
Polska
tel. +48 85 86 86 100
fax +48 85 86 86 101
chm@chm.eu
www.chm.eu



CE 0197