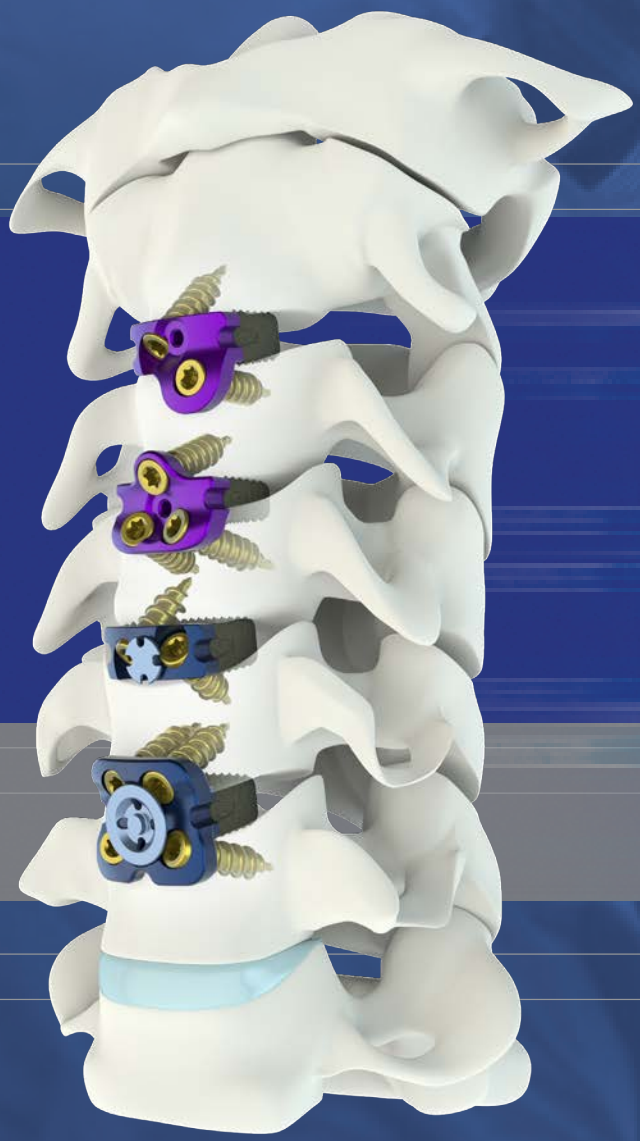
Mecta-C® STAND ALONE

ANTERIOR CERVICAL INTERBODY FUSION DEVICE

MODULAR DESIGN OFFERS FREEDOM OF CHOICE



Surgical Technique

Joint | **Spine** | Sports Med

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1. INTRODUCTION

The Mecta-C Stand Alone system is a solution for Anterior Cervical Discectomy and Fusion (ACDF) that combines the benefits of an anterior plate and a radiolucent interbody spacer.

The system offers a cage with 3 different footprints and 8 heights. Lordosis is fixed to 7°. The surgeon can select among 4 different plate, packed together with the cage, in order to accomodate specific anatomical requirements.

Locking and lag screws are offered to further complete the system. For each design both self-tapping and self-drilling screws are available. Locking screws are compatible with rigid fixation plate (purple) while lag screws are compatible with variable fixation plate (blue). Further fixation is required in the variable fixation construct with the antibackout screw (1B).

Cages

A - Rigid Fixation Design

B - Variable Fixation Design

1.

The cages are offered in PEEK plasma coated with a micrometric layer of Titanium (TiPEEK). The implants are fully coated except for the surfaces in contact with the plate or the inserter. Titanium marker pins allow for clear radiographic visualization.

2.

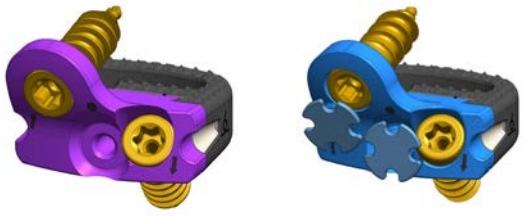
Flush Plates

The Flush design: creates a zero-profile construct with minimum geometrical profile.

3.

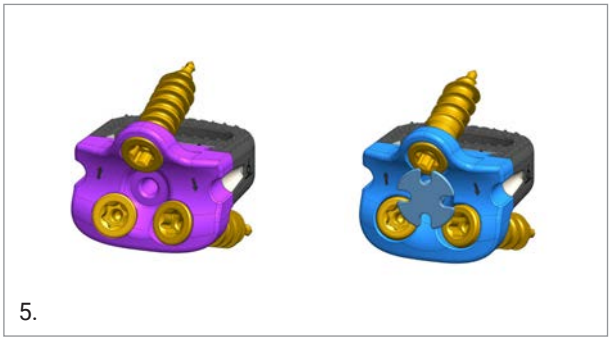
Hybrid

The Hybrid reduces the risk of impingement with the surrounding anatomical structures, exspecially for C7-T1 or for C2-C3 (flipped 180°). Anyway, it can be used for all the levels from C2 up to T1.



4.

Trio
The Trio design minimizes the number of screw.



5.

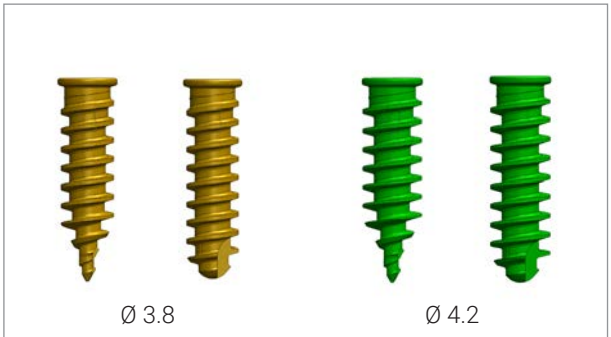
Quattro
The Quattro design offers stability and torsional resistance. Two convergent (cranial side in the picture) and two divergent screws minimize the adjecent level interference in multilevel fixation.

6.

Screws
The self-drilling screws are offered in 5 lengths (12mm - 20mm, + 2mm increments) while the self-tapping in 6 (12mm - 22mm, + 2mm increments). The diameters are 3.8mm for primary and 4.2mm for revision.

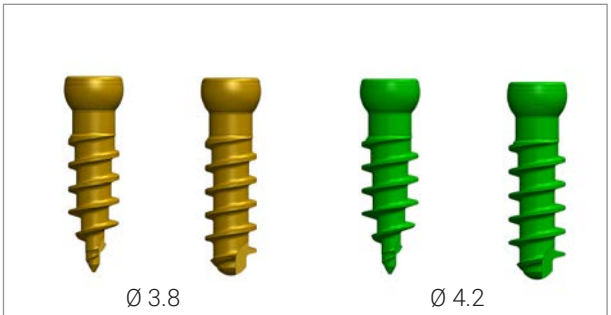
Self-drilling and self-tapping options are available both for rigid and variable design.

Rigid fixation



7.

Variable Fixation



8.

Antibackout screw (Variable Fixation Only)
The antibackout screw to fix the variable fixation construct is packed together with the Variable fixation plate. The antibackout screw is available in two design options for selection based on the plate shape and height. Refer to chapter 9 (Implants nomenclature).

9.

1.1 INDICATIONS

The Mecta-C Stand Alone is a stand-alone anterior cervical interbody fusion device indicated for use in skeletally mature patients with degenerative disc disease (DDD) with accompanying radicular symptoms at one level from C2-T1. DDD is defined as discogenic pain with degeneration of the disc confirmed by history and radiographic studies. These patients should have had six weeks of non-operative treatment. The interior of the spacer component of the Mecta-C Stand Alone should be packed with autogenous bone graft and implanted via an anterior approach.

1.2 CONTRAINDICATIONS

The Mecta-C Stand Alone system is contraindicated in the following cases:

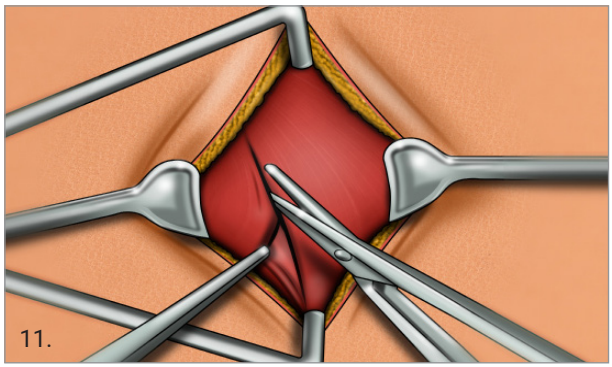
- Spinal fracture
- Spinal tumor
- Severe osteoporosis
- Spinal infection

2. PATIENT POSITIONING SPINE EXPOSURE

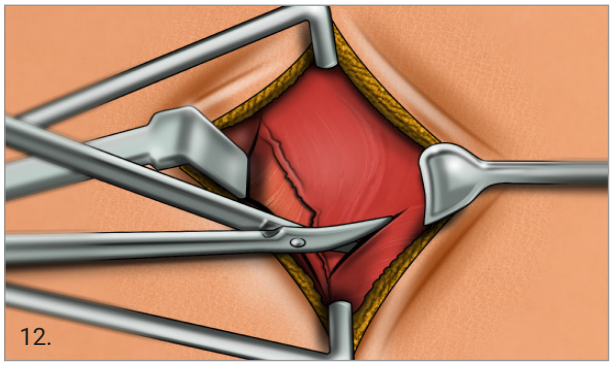
The patient is placed in the supine position with the head slightly extended and resting on an appropriate base. A shoulder bump may be needed to generate the desired amount of cervical lordosis. The arms are secured along the sides of the body. The image intensifier is positioned to enable adequate intra-operative anteroposterior and lateral imaging.


10.

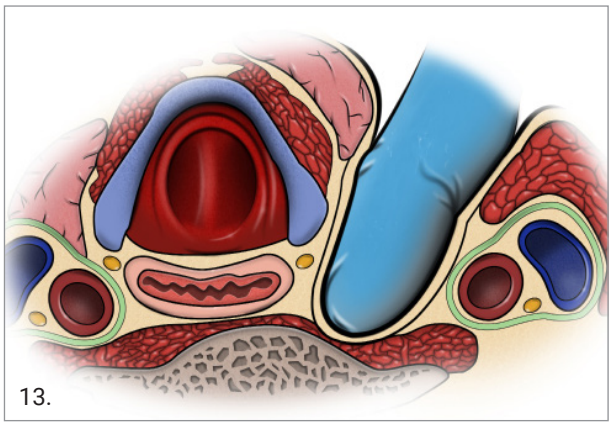
A transverse incision is made along the Langer's lines extending approximately from the sternocleidomastoid muscle to the midline. Correct location of the skin incision is accomplished either by using anatomic landmarks or by using an image intensifier.


11.

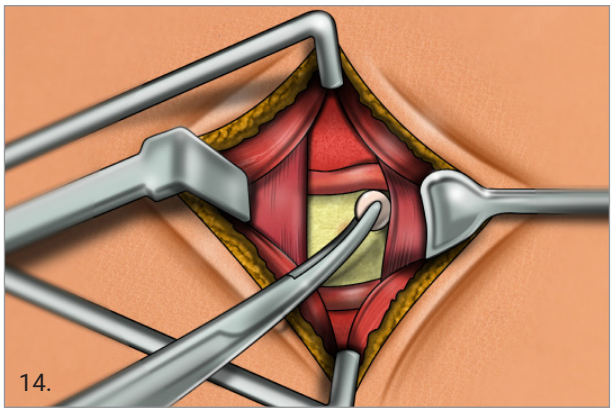
The platysmal layer is then incised either horizontally, in line with the incision (shown), or vertically at the discretion of the surgeon.


12.

Incise the pretracheal fascia which allows for retraction of the midline structures. Perform blunt dissection using the index finger to expose the anterior cervical spine.


13.

Electrocautery is used to elevate the longus colli muscles. Medio-lateral retractors are placed underneath the longus muscles in order to protect the sympathetic chain. Mark the appropriate disc and perform a lateral X-ray to verify the appropriate level.


14.

Then a Cranial/Caudal retractor can be placed to further optimize the visualization. The Mecta-C cervical Anterior Retractor/Distractor System can be used to facilitate retraction/distraction maneuvers.

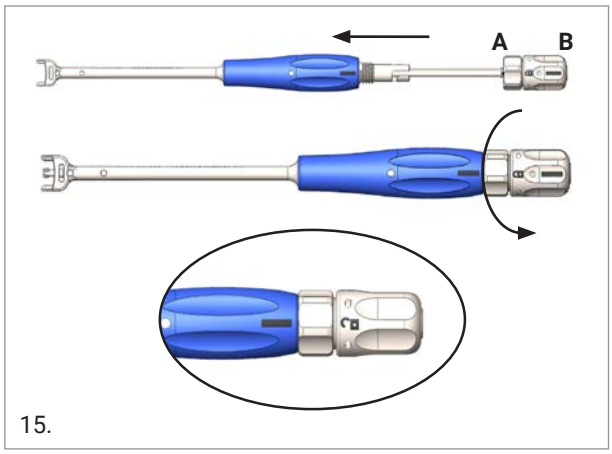
3. DISC REMOVAL AND ENDPLATE PREPARATION

For effective visualization and removal of the disc, Caspar Pin distraction, or an equivalent distractor system, is recommended. This step also allows for restoration of segmental lordosis, if desired. Before distraction of the segment, the intervertebral disc should be incised and partially removed with curettes and pituitary rongeurs. Following distraction, complete removal of intervertebral disc material and cartilaginous endplates is then performed to expose the underlying bony endplate.

3.1 TRIAL SELECTION

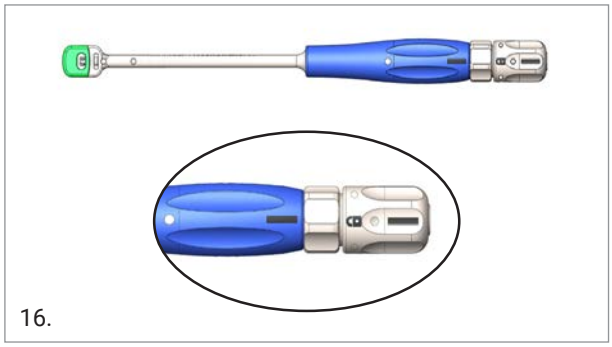
Select the Trial that is most suitable for the disc space. Check the appropriate footprint and height.

Trial Inserter Assembly
Couple the Mecta-C Stand Alone F Trial Holder Outer Shaft with the related Inner Shaft. Make sure that the black mark on the blue handle and the black line on the knob are aligned. Screw the anterior wheel (A) on the back and rotate the posterior wheel 90° (B) in the open position (lock open).

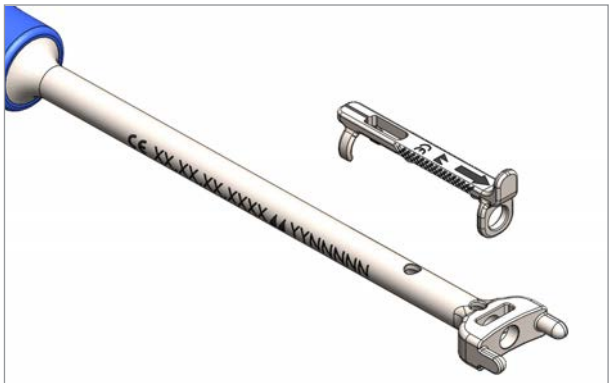


15.

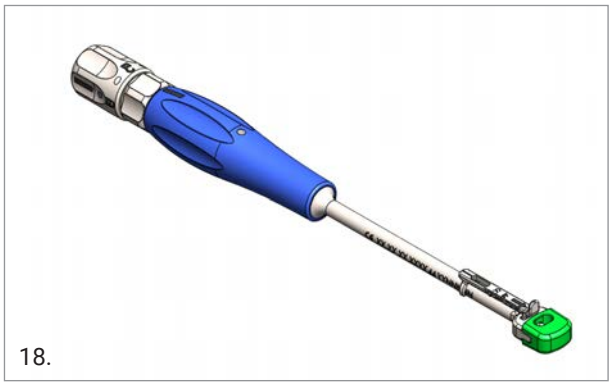
Trial Use
Attach the trial to the inserter by turning the posterior wheel 90°. The trial is correctly engaged when the black mark on the blue handle is aligned with the lock (closed) on the posterior wheel


16.

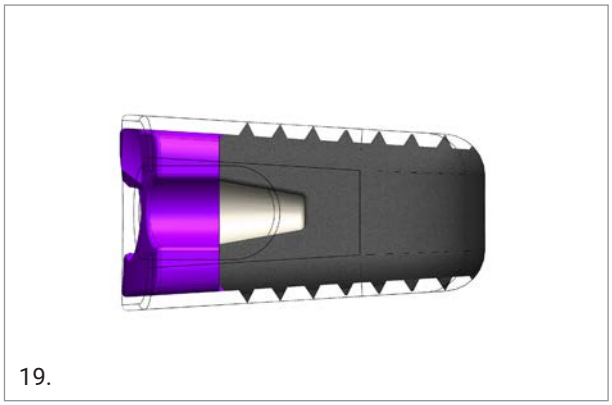
OPTION
Connect the mechanical stop to the trial inserter before mounting the related inner shaft in order to prevent the trial advancement into the intervertebral disc. Orient the black arrow as showed in the picture and couple the mechanical stop on the shaft of the trial inserter.


17.

Repeat the previous step to couple the trial.

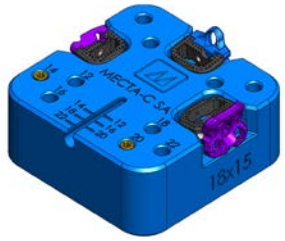

18.

NOTE
The height of the trial includes the pyramid shaped teeth of the implant on the cranio and caudal surfaces.


19.

4. IMPLANT PREPARATION

Autogenous bone graft must be packed in the selected implant. Firmly pack the graft material in the window of the cage. To help packing the cage with bone graft, a dedicated Loading Station may be used to place the cage - plate construct.



20.

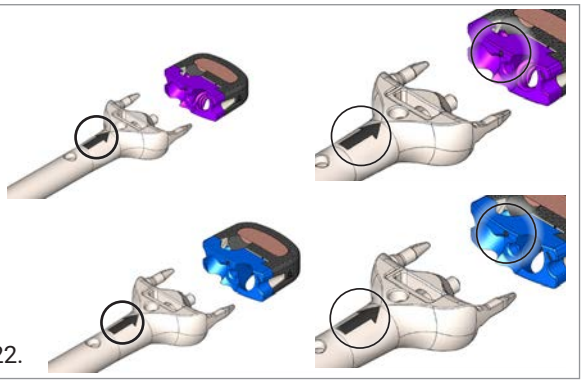
The loading station can also be used to hold the screws while engaging them with the screwdrivers. A groove for screw measurement is also part of the loading station.

Couple the Mecta-C Stand Alone Inserter Outer Shaft with the related Inner Shaft.

21.

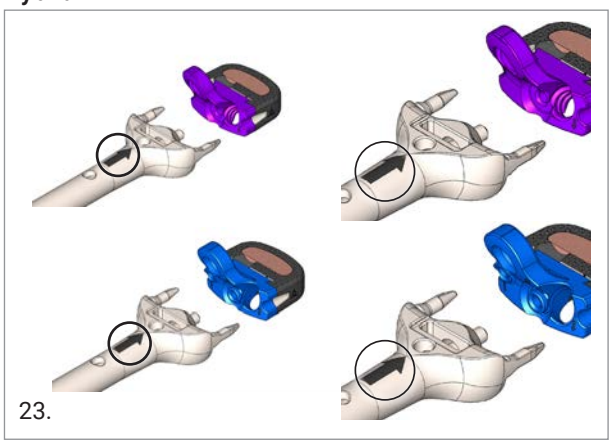
Align the black arrow with the black dot of the plate.

Flush



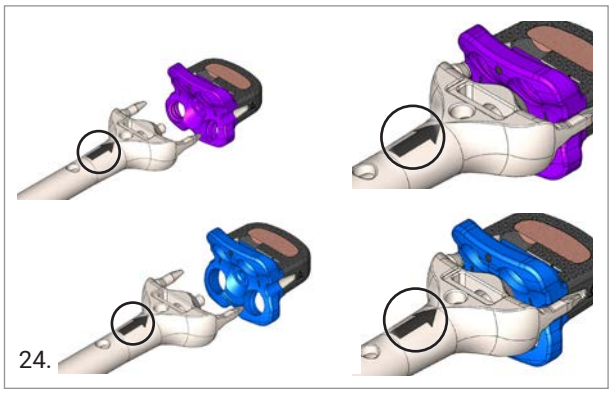
22.

Hybrid



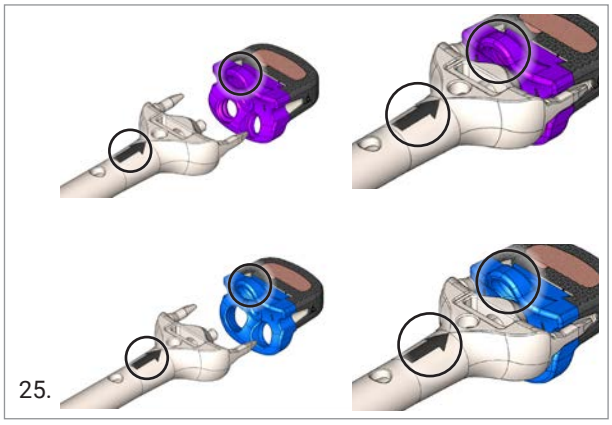
23.

Quattro



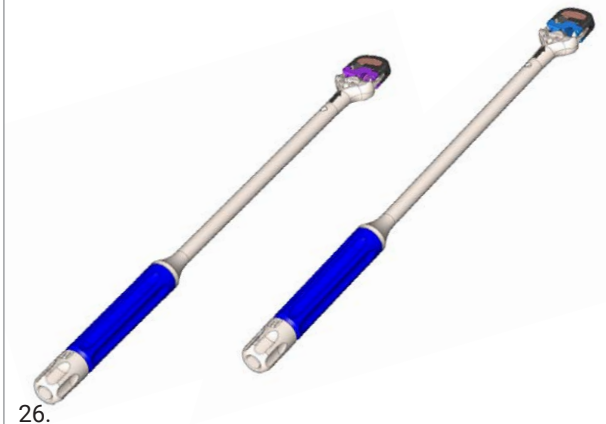
24.

In the Trio configuration the black dot is not marked, the black arrow should point cranially in the direction of the single plate hole



25.

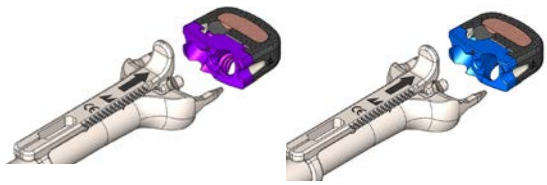
Engage the Inserter by matching the prongs with the lateral grooves of the implant and lock tightly by turning the posterior wheel.



26.

OPTION

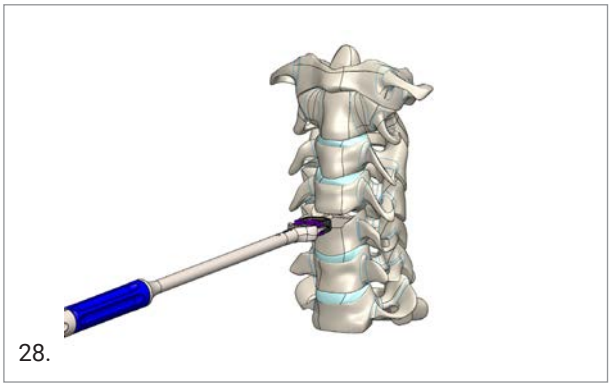
If case of flush plate profile insertion the mechanical stop can be coupled with the inserter in order to fix the implant position in the A-P direction.



27.

5. IMPLANT INSERTION

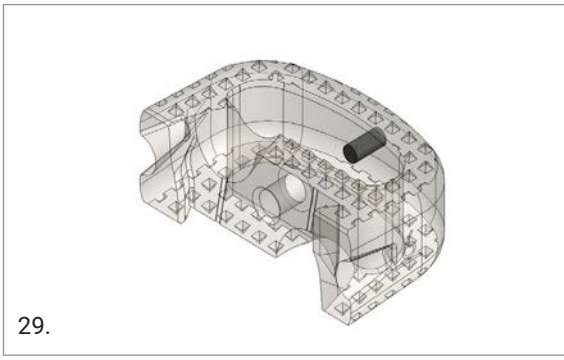
Place the implant into the disc space.



28.

Check the position of the implant with the image intensifier.

The titanium marker is flush with the posterior surface of the implant.



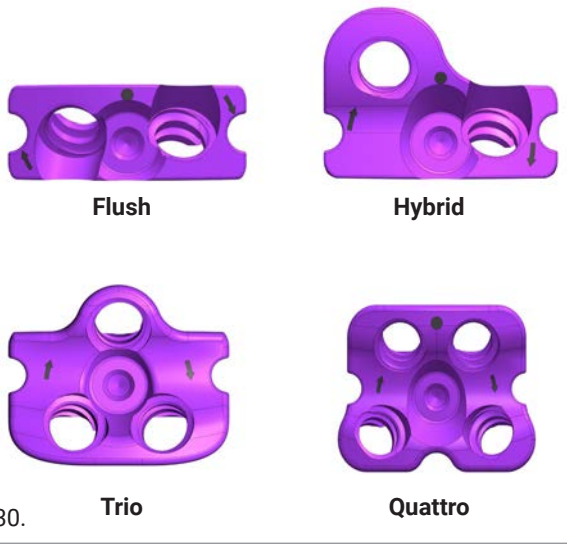
29.

Disengage the implant from the inserter by turning the posterior wheel.

6. RIGID FIXATION CONSTRUCT

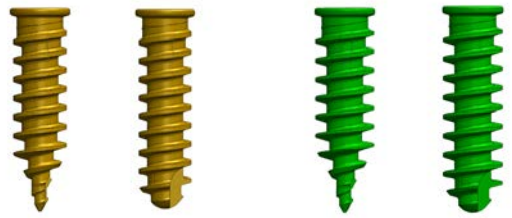
The following paragraphs describe the steps to insert the screw with the Rigid Fixation Design. Rigid Fixation Plate and screws "options"are summarized in the picture here below.

Plate



30.

Screws



31.

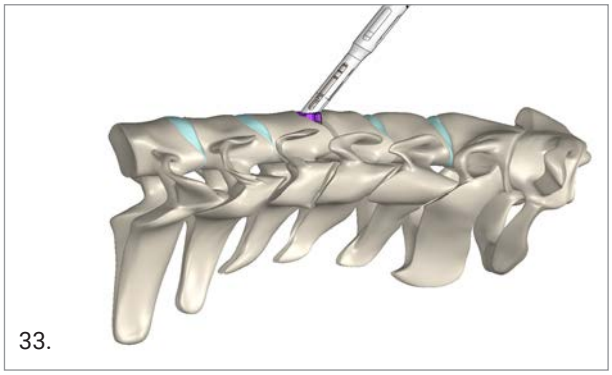
All the lock design instruments have a violet strip and "lock" marked along the shaf. See, as example fig 32.

32.

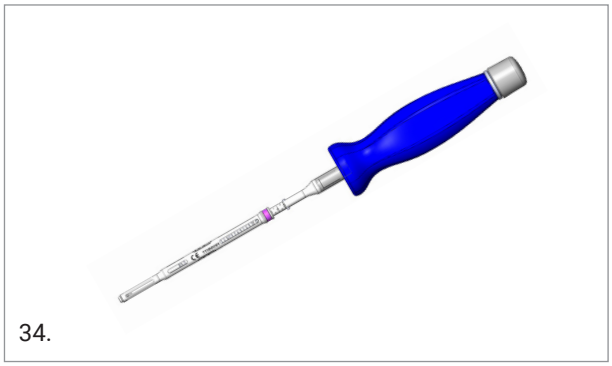
Instruments without these marks are compatible with both the lock and lag designs.

6.1 SCREW INSERTION

Use the Awl Lock design to perforate the cortical bone through the holes of the plate. The instrument is graduated to check the depth of penetration.



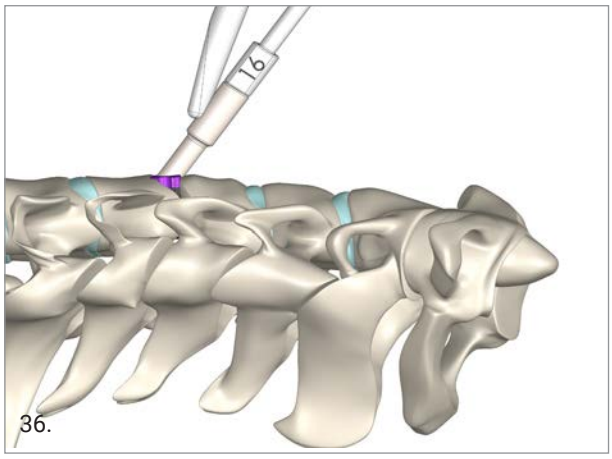
33.



34.

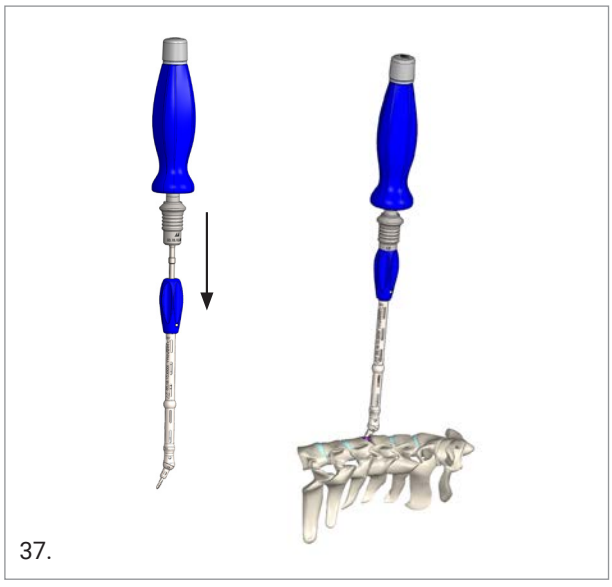
To perform the drilling use the Handle drill Guide Lock and position it into the hole of the plate. Select the desired length of the Mecta-C Stand Alone Drill between the six available lengths (12mm, 14mm, 16mm, 18mm, 20mm & 22mm). Connect the Drill to the handle and drill until the mechanical stop is reached.

35.



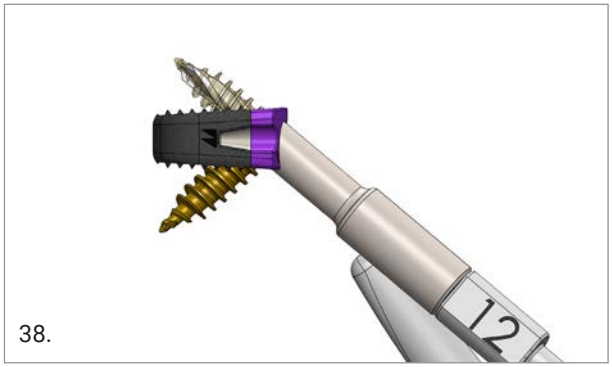
36.

A further option to perform the drilling is the Mecta-C Stand Alone Drill angled.
Attach the handle to the Mecta-C Stand Alone screwdriver. Insert the Mecta-C Stand Alone Screwdriver into the Mecta-C Stand Alone Drill angled 25° until the mechanical stop is reached.


37.

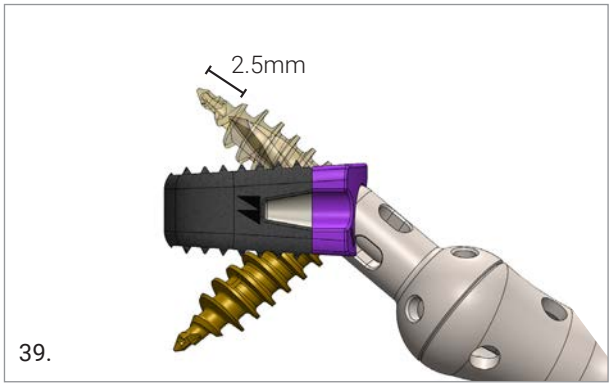
NOTE
The bone perforation with the Mecta-C Stand Alone Drill straight is equal to the related length of the screw (Fig. 38), while in the angled version the drill protrusion is ≈2.5mm less than the length of the shortest screw (Fig. 39).

Drill Straight



38.

Drill Angled



39.

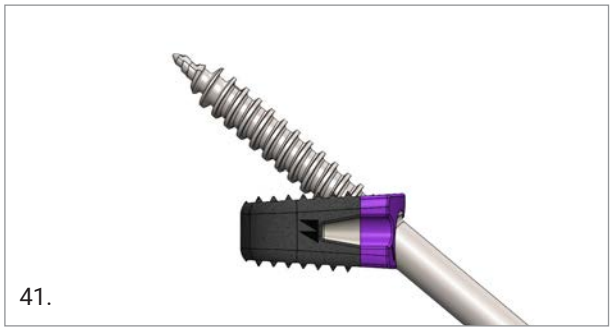
OPTION
The Mecta-C Stand Alone screws are self-tapping. However, a tap may be used at the surgeon's discretion.

NOTE:
Use of the tap is highly recommended for sclerotic bone and for screws longer than 16mm.


40.

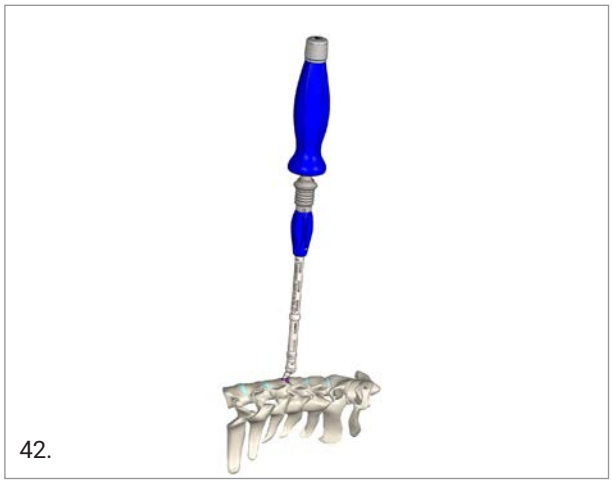
WARNING

When using screws with length <22 mm, the Tap Straight should not be used all the way through the holes to avoid overtapping.



41.

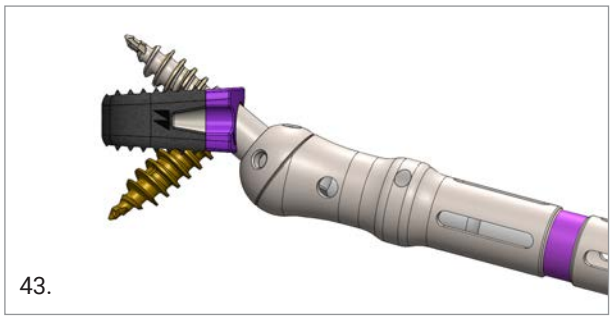
A further option is the angled lock tap. If the angled lock tap is used, attach the handle to the Mecta-C Stand Alone Screwdriver Straight (Self-Retaining or Non Self-Retaining) and insert it into the angled lock tap. Perform the tapping.



42.

NOTE

The bone perforation with the Mecta-C Stand Alone angled tap is equal to the protrusion of the shortest screw.



43.

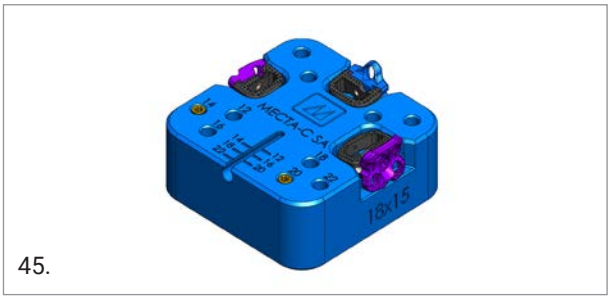
Connect the screw to the self-retaining Mecta-C Stand Alone Screwdriver Straight. Insert the screw into the threaded hole of the plate

OPTION

Self-Retaining and Non Self-Retaining screwdrivers are available. The Non Self-Retaining feature is specified on the shaft of the instruments.

44.

Place the selected screw on the Loading Station, paying attention to match the screw with the hole of the equivalent depth as indicated on the Loading Station. Connect the screw to the Self-Retaining Mecta-C Stand Alone Screwdriver Straight. Insert the screw into the threaded hole of the plate.

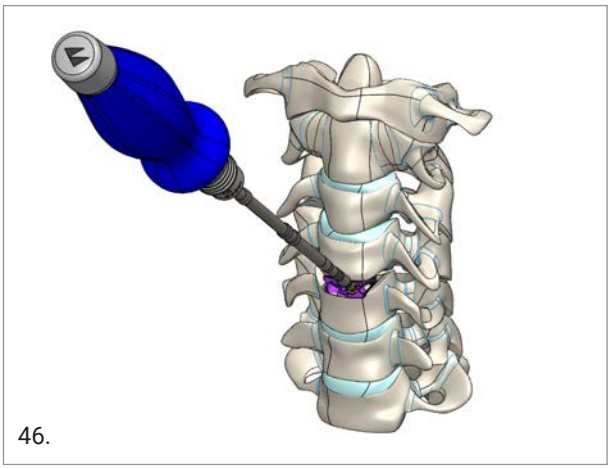


45.

WARNING

Once the screw is properly engaged with the Self-Retaining Screwdriver, insert the screw through the hole of the Mecta-C Stand Alone cercival plate until seated.

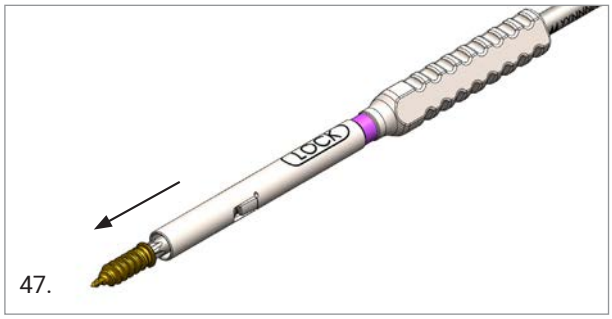
Place the selected screw on the Loading Station, paying attention to match the screw with the hole of the equivalent depth as indicated on the Loading Station. Once the tip of the screw is inserted in the plate, the screw fixation can be performed with the Non Self-Retaining screwdriver.



46.

OPTION

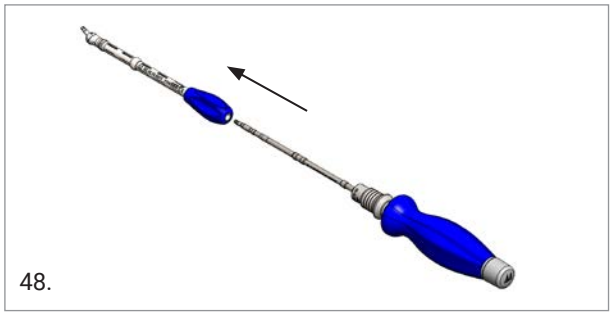
A sleeve to be coupled with the Mecta-C Stand Alone Screwdrivers is also available for tissue protection.



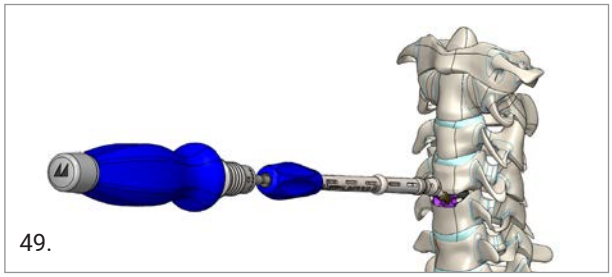
47.

A further option is the angled version of the screwdriver. Attach the straight handle to the Mecta-C Stand Alone Screwdriver Straight (Self-Retaining or Non Self-Retaining).

Insert the screwdriver - handle assembly into the self-retaining Mecta-C Stand Alone Screwdriver Angled. Connect the screw and insert it into the threaded hole of the plate.



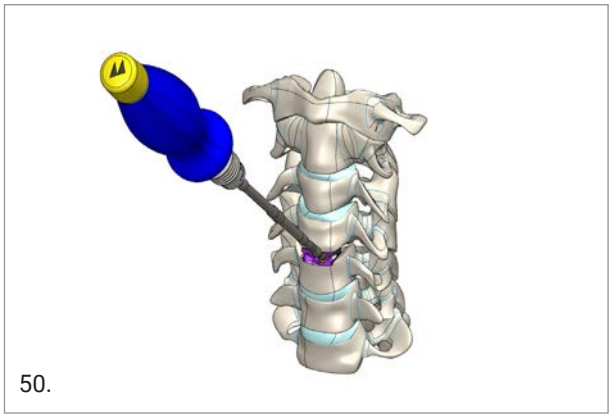
48.



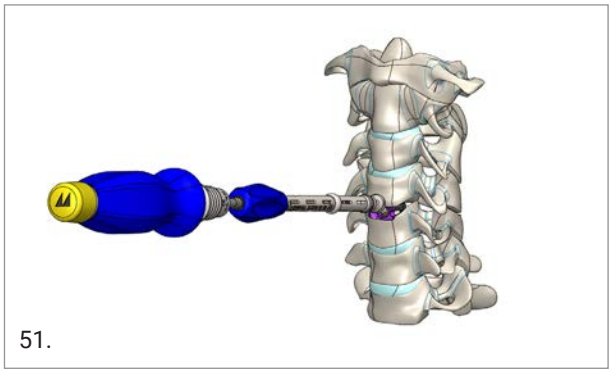
49.

Repeat the steps of the current paragraph for the remaining screws.

To perform the final tightening couple the screwdriver, straight (both options) or angled, with the Mecta-C Stand Alone Handle with gold posterior wheel that has the torque limiter integrated and apply the closure at 1.2Nm.



50.



51.

6.2 IMPLANT REMOVAL

If a revision of the implant is performed or a badly-positioned implant needs to be removed, the implant can be safely removed using the standard instruments. Position the distal tip of the selected screwdriver until seated into the screw. Remove the screw by turning counterclockwise while pulling back the screw-to-screwdriver assembly.

NOTE

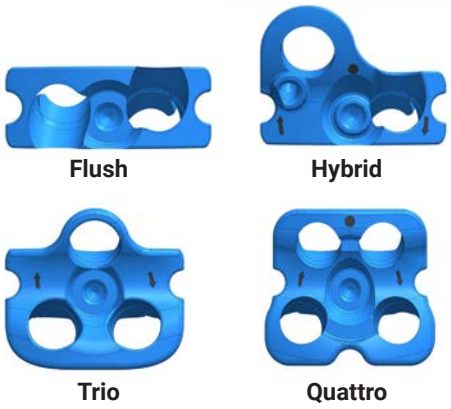
In a revision case bony ingrowth on the screw head may block proper connection of the instrument. Removal of this bony ingrowth is mandatory for safe removal of the implant. With the Non Self-Retaining screwdriver more force can be applied to unscrew the implant.

While ensuring the correct alignment of the cage to the appropriate implant inserter, screw the inserter tightly onto the implant. The implant inserter must be attached firmly to the plate in order to avoid damage to the inserter and to the plate threads. Apply force to pull out the implant from the disc space.

7. VARIABLE FIXATION CONSTRUCT

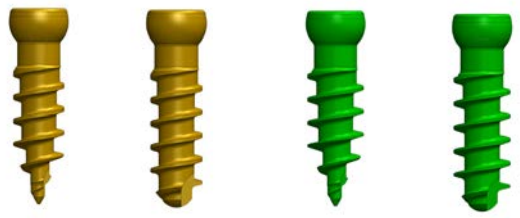
The following paragraphs describe the steps to insert the screw with the Variable Fixation Design. Variable Fixation plate and lag screws are summarized in the following picture.

Plate



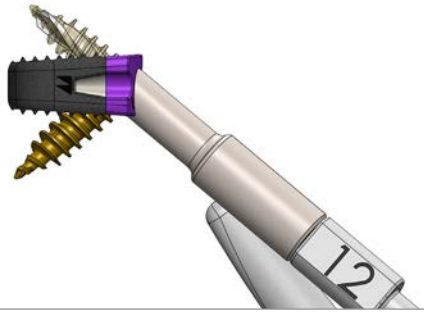
52.

Screws



53.

NOTE
All the lock design instruments have a blue strip and “lag” marked along the shaft see, as example fig 71.



54.

Instruments with no marks are compatible both with lock and lag design.

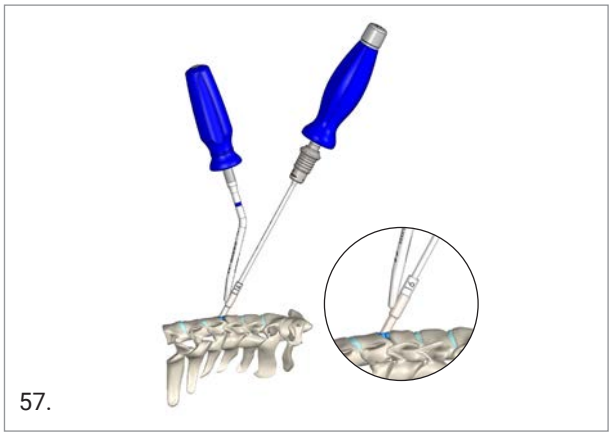
7.1 SCREW INSERTION

Use the Awl Variable Fixation Design to perforate the cortical bone through the plate holes. The instrument is graduated to check the depth of the penetration.

55.

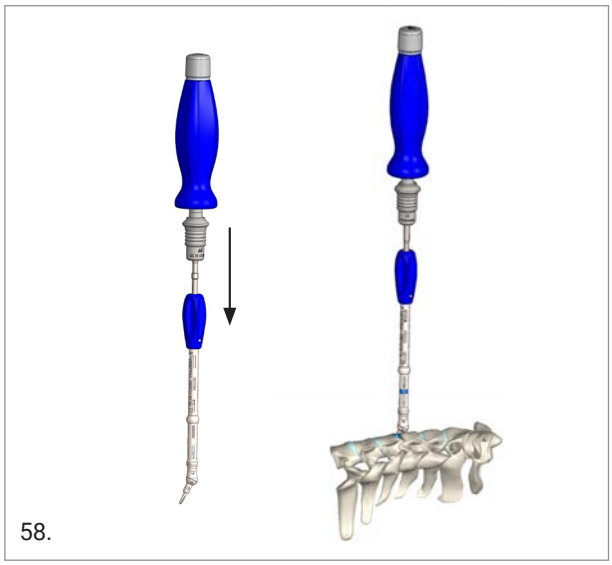
56.

Use the Handle drill Guide Lag and position it into the plate hole. Chose the desired length of the Mecta-C Stand Alone Driller between the six available length (12mm,14mm,16mm,18mm, 20mm & 22mm) and perform the drill until the mechanical stop.



57.

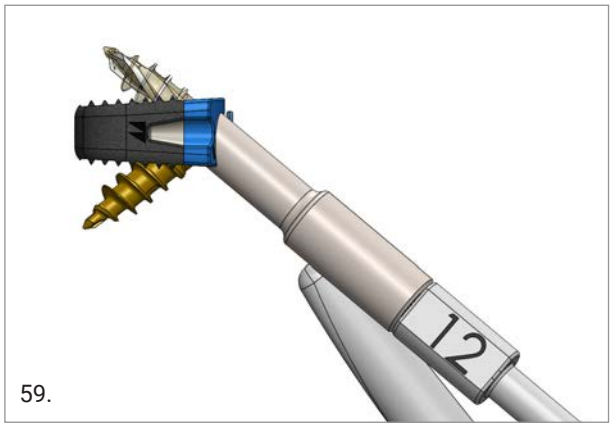
A further option to perform drill is the (Self-Retaining or not). Drill angled. Attach the handle to the Mecta-C Stand Alone screwdriver. Insert the Mecta-C Stand Alone Screwdriver into the Mecta-C Stand Alone Drill angled 25° until the mechanical stop is reached.



58.

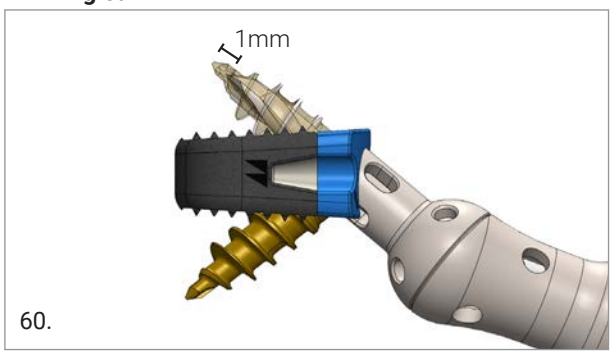
NOTE
The bone perforation with the Mecta-C Stand Alone Drill straight is equal to the related length of the screw (Fig. 76), while in the angled version the drill protrusion is ≈1mm less than the length of the shortest screw (fig. 77).

Drill Straight



59.

Drill Angled



60.

OPTION

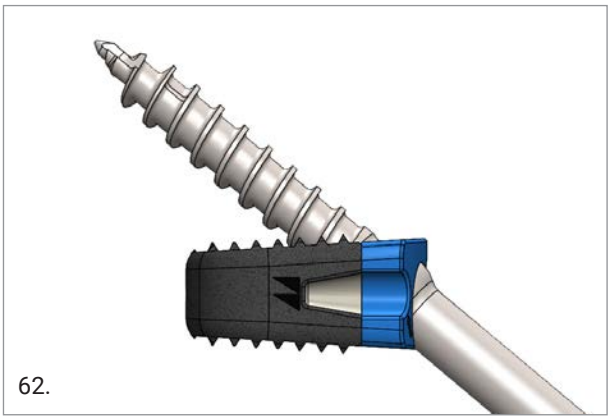
The Mecta-C Stand Alone screws are self-tapping. However, tap may be used at the surgeon's discretion.

NOTE:
The use of Tap is highly recommended for sclerotic bone and for screws longer than 16mm.

61.

WARNING

When using screws with length<22mm, the Tap Straight should not be used all the way through the holes to avoid overtapping.

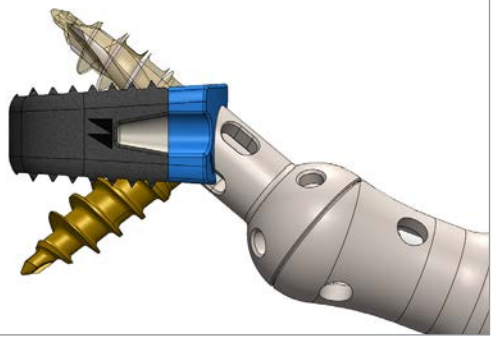


62.

A further option is the angled lock tap. In case the angled lock tap is used attach the handle to the Mecta-C Stand Alone Screwdrivers Straight (Self-Retaining or not) and insert it into the angled lag tap. Perform the tap.

63.

NOTE
The bone perforation with the Mecta-C Stand Alone angled tap is equal to the protrusion of the shortest screw.

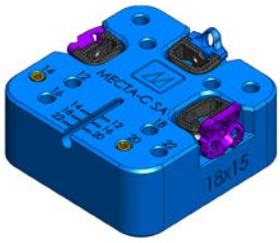


64.

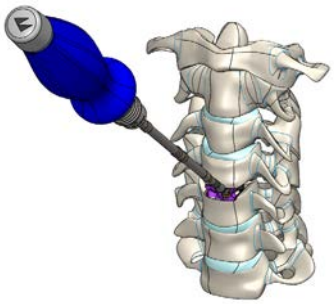
OPTION
Self-Retaining and Non Self-Retaining screwdrivers are available. The Non Self-Retaining feature is specified on the shaft of the instruments.

65.

Place the selected screw on the Loading Station, paying attention to match the screw with the hole of the equivalent depth as indicated on the Loading Station. Connect the screw to the Self-Retaining Mecta-C Stand Alone Screwdriver Straight.

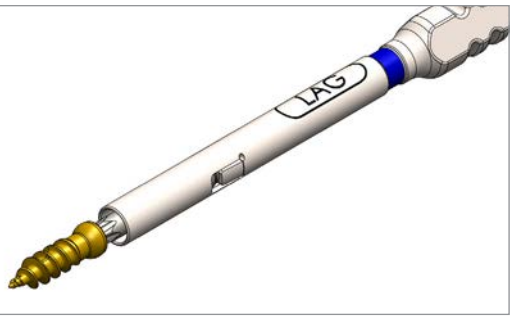


66.



67.

OPTION
A sleeve to be coupled with the Mecta-C Stand Alone Screwdriver Straight is also available for tissue protection.

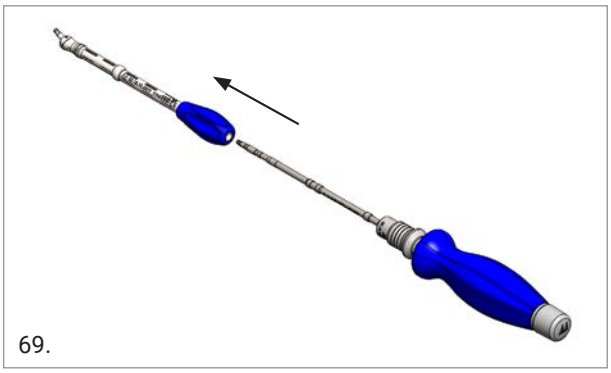


68.

WARNING
Once the screw is properly engaged with the Self-Retaining Screwdriver, insert the screw through the Mecta-C Stand Alone cervical plate hole until seated.

Once the tip of the screw is inserted into the plate, the screw fixation can be performed with the Non Self-Retaining screwdriver.

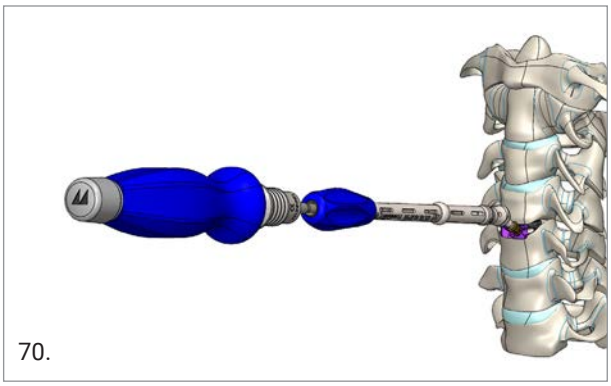
A further option is the angled version of the screwdriver. Couple the Mecta-C Stand Alone Screwdriver Straight (Self-Retaining or not) with the self-retaining Mecta-C Stand Alone Screwdriver Angled. Connect the screw and insert it into the hole of the plate.



69.

WARNING

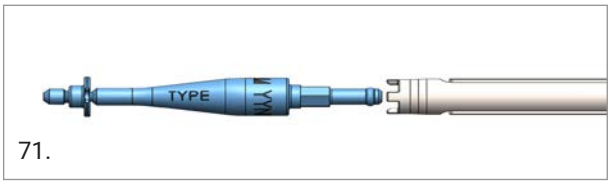
Do not continue advancing the screw in the plate. Over-tightening may strip the bone and compromise the fixation of the implant in the vertebral bodies.



70.

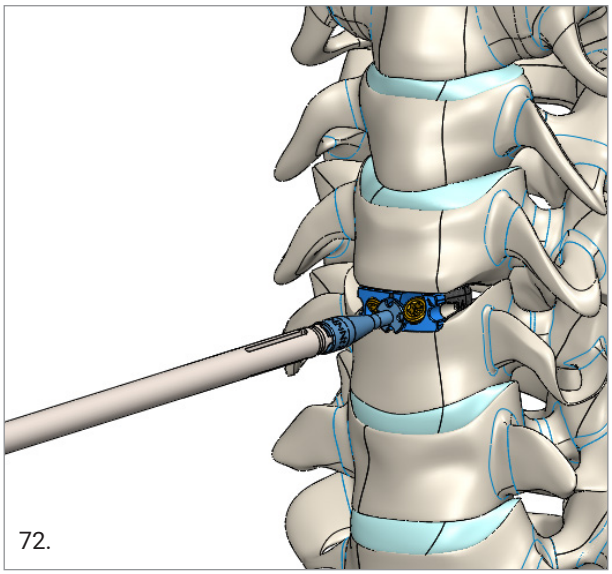
Repeat the steps for all the remaining screws.

The construct must be finally fixed with the Antibackout screw. Couple the Mecta-C Stand Alone Antibackout self-retaining screwdriver with the antibackout screw packed with the lag plate.

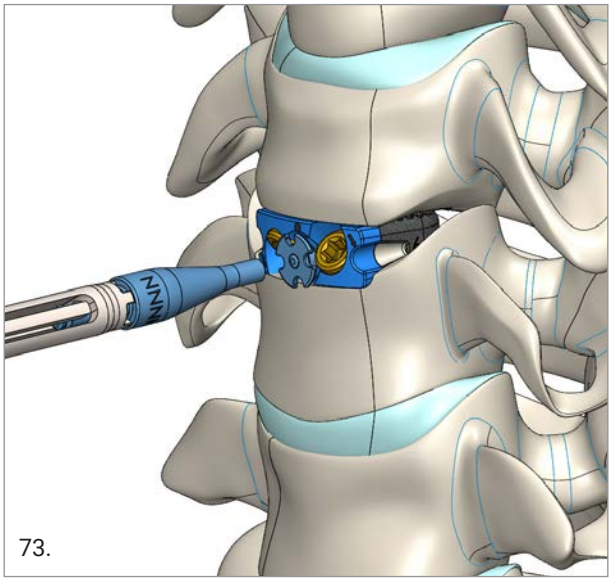


71.

Screw the Antibackout screw in the dedicated hole and apply torque until the Antibackout screw is detached from the shaft.



72.



73.

The design of the antibackout screw change according to the plate design and the plate height. Also the number of antibackout screws, needed to finally lock the construct, may vary according to plate design and plate height as reported in the following pictures.

CAUTION

The Antibackout screws is available packed together with the related plate and also packed alone. If the Antibackout screws packed alone is needed please check carefully the compatibility between the Antibackout screws and the plate. The compatibility is reported on the implant's label and in the paragraph "implants nomenclature".

Flush

Hybrid

Trio h5-h8

Trio h9-h12

Quattro h5-h8

Quattro h9-h12

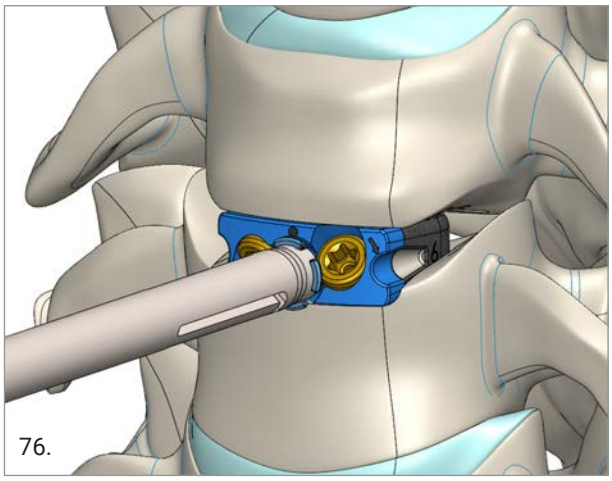
74.

7.2 IMPLANT REMOVAL

If a revision of the implant is performed or a badly-positioned implant needs to be removed, the implant can be safely removed using the standard instruments.

Attach the Mecta-C Stand Alone Antibackout screwdriver to the antibackout screw and unscrew it by turning counter clockwise.

75.



76.

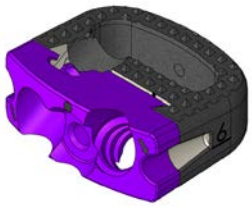
Position the distal tip of the selected screwdriver until seated into the screw. Remove the screw by turning counterclockwise while pulling back the screw-to-screwdriver assembly.

NOTE
In revision cases, bony ingrowth on the screw head may block proper connection of the instrument. Removal of this bony ingrowth is mandatory for safe removal of the implant. With the Non Self-Retaining screwdriver more force can be applied to unscrew the implant.

While ensuring the correct alignment of the cage to the appropriate implant inserter, screw the inserter tightly onto the implant. The implant inserter must be attached firmly to the plate in order to avoid damage to the inserter and to the plate threads. Apply force to pull out the implant from the disc space.

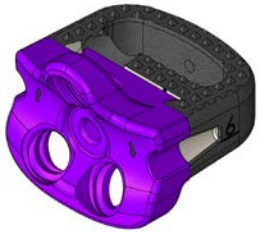
8. IMPLANTS NOMENCLATURE

MECTA-C STAND ALONE
FLUSH RIGID FIXATION PLATE - TIPEEK CAGE



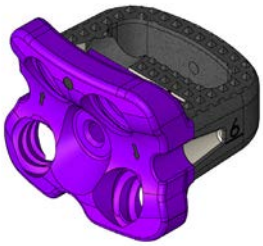
Reference	Description
03.19.502	Mecta-C SA AUS Flush Lock TiPEEK 15x13x6x7°
03.19.503	Mecta-C SA AUS Flush Lock TiPEEK 15x13x7x7°
03.19.504	Mecta-C SA AUS Flush Lock TiPEEK 15x13x8x7°
03.19.505	Mecta-C SA AUS Flush Lock TiPEEK 15x13x9x7°
03.19.506	Mecta-C SA AUS Flush Lock TiPEEK 15x13x10x7°
03.19.507	Mecta-C SA AUS Flush Lock TiPEEK 15x13x11x7°
03.19.508	Mecta-C SA AUS Flush Lock TiPEEK 15x13x12x7°
03.19.510	Mecta-C SA AUS Flush Lock TiPEEK 16x14x6x7°
03.19.511	Mecta-C SA AUS Flush Lock TiPEEK 16x14x7x7°
03.19.512	Mecta-C SA AUS Flush Lock TiPEEK 16x14x8x7°
03.19.513	Mecta-C SA AUS Flush Lock TiPEEK 16x14x9x7°
03.19.514	Mecta-C SA AUS Flush Lock TiPEEK 16x14x10x7°
03.19.515	Mecta-C SA AUS Flush Lock TiPEEK 16x14x11x7°
03.19.516	Mecta-C SA AUS Flush Lock TiPEEK 16x14x12x7°
03.19.518	Mecta-C SA AUS Flush Lock TiPEEK 18x15x6x7°
03.19.519	Mecta-C SA AUS Flush Lock TiPEEK 18x15x7x7°
03.19.520	Mecta-C SA AUS Flush Lock TiPEEK 18x15x8x7°
03.19.521	Mecta-C SA AUS Flush Lock TiPEEK 18x15x9x7°
03.19.522	Mecta-C SA AUS Flush Lock TiPEEK 18x15x10x7°
03.19.523	Mecta-C SA AUS Flush Lock TiPEEK 18x15x11x7°
03.19.524	Mecta-C SA AUS Flush Lock TiPEEK 18x15x12x7°

MECTA-C STAND ALONE
TRIO RIGID FIXATION PLATE - TIPEEK CAGE



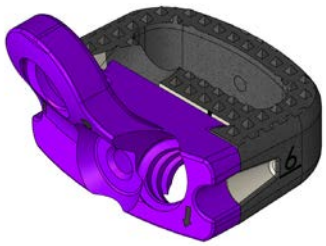
Reference	Description
03.19.549	Mecta-C SA AUS Trio Lock TiPEEK 15x13x5x7°
03.19.550	Mecta-C SA AUS Trio Lock TiPEEK 15x13x6x7°
03.19.551	Mecta-C SA AUS Trio Lock TiPEEK 15x13x7x7°
03.19.552	Mecta-C SA AUS Trio Lock TiPEEK 15x13x8x7°
03.19.553	Mecta-C SA AUS Trio Lock TiPEEK 15x13x9x7°
03.19.554	Mecta-C SA AUS Trio Lock TiPEEK 15x13x10x7°
03.19.555	Mecta-C SA AUS Trio Lock TiPEEK 15x13x11x7°
03.19.556	Mecta-C SA AUS Trio Lock TiPEEK 15x13x12x7°
03.19.557	Mecta-C SA AUS Trio Lock TiPEEK 16x14x5x7°
03.19.558	Mecta-C SA AUS Trio Lock TiPEEK 16x14x6x7°
03.19.559	Mecta-C SA AUS Trio Lock TiPEEK 16x14x7x7°
03.19.560	Mecta-C SA AUS Trio Lock TiPEEK 16x14x8x7°
03.19.561	Mecta-C SA AUS Trio Lock TiPEEK 16x14x9x7°
03.19.562	Mecta-C SA AUS Trio Lock TiPEEK 16x14x10x7°
03.19.563	Mecta-C SA AUS Trio Lock TiPEEK 16x14x11x7°
03.19.564	Mecta-C SA AUS Trio Lock TiPEEK 16x14x12x7°
03.19.565	Mecta-C SA AUS Trio Lock TiPEEK 18x15x5x7°
03.19.566	Mecta-C SA AUS Trio Lock TiPEEK 18x15x6x7°
03.19.567	Mecta-C SA AUS Trio Lock TiPEEK 18x15x7x7°
03.19.568	Mecta-C SA AUS Trio Lock TiPEEK 18x15x8x7°
03.19.569	Mecta-C SA AUS Trio Lock TiPEEK 18x15x9x7°
03.19.570	Mecta-C SA AUS Trio Lock TiPEEK 18x15x10x7°
03.19.571	Mecta-C SA AUS Trio Lock TiPEEK 18x15x11x7°
03.19.572	Mecta-C SA AUS Trio Lock TiPEEK 18x15x12x7°

MECTA-C STAND ALONE
QUATTRO RIGID FIXATION PLATE - TIPEEK CAGE



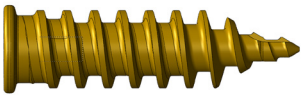
Reference	Description
03.19.597	Mecta-C SA AUS Quattro Lock TiPEEK 15x13x5x7°
03.19.598	Mecta-C SA AUS Quattro Lock TiPEEK 15x13x6x7°
03.19.599	Mecta-C SA AUS Quattro Lock TiPEEK 15x13x7x7°
03.19.600	Mecta-C SA AUS Quattro Lock TiPEEK 15x13x8x7°
03.19.601	Mecta-C SA AUS Quattro Lock TiPEEK 15x13x9x7°
03.19.602	Mecta-C SA AUS Quattro Lock TiPEEK 15x13x10x7°
03.19.603	Mecta-C SA AUS Quattro Lock TiPEEK 15x13x11x7°
03.19.604	Mecta-C SA AUS Quattro Lock TiPEEK 15x13x12x7°
03.19.605	Mecta-C SA AUS Quattro Lock TiPEEK 16x14x5x7°
03.19.606	Mecta-C SA AUS Quattro Lock TiPEEK 16x14x6x7°
03.19.607	Mecta-C SA AUS Quattro Lock TiPEEK 16x14x7x7°
03.19.608	Mecta-C SA AUS Quattro Lock TiPEEK 16x14x8x7°
03.19.609	Mecta-C SA AUS Quattro Lock TiPEEK 16x14x9x7°
03.19.610	Mecta-C SA AUS Quattro Lock TiPEEK 16x14x10x7°
03.19.611	Mecta-C SA AUS Quattro Lock TiPEEK 16x14x11x7°
03.19.612	Mecta-C SA AUS Quattro Lock TiPEEK 16x14x12x7°
03.19.613	Mecta-C SA AUS Quattro Lock TiPEEK 18x15x5x7°
03.19.614	Mecta-C SA AUS Quattro Lock TiPEEK 18x15x6x7°
03.19.615	Mecta-C SA AUS Quattro Lock TiPEEK 18x15x7x7°
03.19.616	Mecta-C SA AUS Quattro Lock TiPEEK 18x15x8x7°
03.19.617	Mecta-C SA AUS Quattro Lock TiPEEK 18x15x9x7°
03.19.618	Mecta-C SA AUS Quattro Lock TiPEEK 18x15x10x7°
03.19.619	Mecta-C SA AUS Quattro Lock TiPEEK 18x15x11x7°
03.19.620	Mecta-C SA AUS Quattro Lock TiPEEK 18x15x12x7°

MECTA-C STAND ALONE
HYBRID RIGID FIXATION PLATE - TIPEEK CAGE



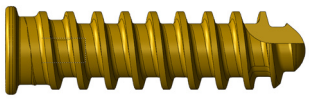
Reference	Description
03.19.646	Mecta-C SA AUS Hybrid Lock TiPEEK 15x13x6x7°
03.19.647	Mecta-C SA AUS Hybrid Lock TiPEEK 15x13x7x7°
03.19.648	Mecta-C SA AUS Hybrid Lock TiPEEK 15x13x8x7°
03.19.649	Mecta-C SA AUS Hybrid Lock TiPEEK 15x13x9x7°
03.19.650	Mecta-C SA AUS Hybrid Lock TiPEEK 15x13x10x7°
03.19.651	Mecta-C SA AUS Hybrid Lock TiPEEK 15x13x11x7°
03.19.652	Mecta-C SA AUS Hybrid Lock TiPEEK 15x13x12x7°
03.19.654	Mecta-C SA AUS Hybrid Lock TiPEEK 16x14x6x7°
03.19.655	Mecta-C SA AUS Hybrid Lock TiPEEK 16x14x7x7°
03.19.656	Mecta-C SA AUS Hybrid Lock TiPEEK 16x14x8x7°
03.19.657	Mecta-C SA AUS Hybrid Lock TiPEEK 16x14x9x7°
03.19.658	Mecta-C SA AUS Hybrid Lock TiPEEK 16x14x10x7°
03.19.659	Mecta-C SA AUS Hybrid Lock TiPEEK 16x14x11x7°
03.19.660	Mecta-C SA AUS Hybrid Lock TiPEEK 16x14x12x7°
03.19.662	Mecta-C SA AUS Hybrid Lock TiPEEK 18x15x6x7°
03.19.663	Mecta-C SA AUS Hybrid Lock TiPEEK 18x15x7x7°
03.19.664	Mecta-C SA AUS Hybrid Lock TiPEEK 18x15x8x7°
03.19.665	Mecta-C SA AUS Hybrid Lock TiPEEK 18x15x9x7°
03.19.666	Mecta-C SA AUS Hybrid Lock TiPEEK 18x15x10x7°
03.19.667	Mecta-C SA AUS Hybrid Lock TiPEEK 18x15x11x7°
03.19.668	Mecta-C SA AUS Hybrid Lock TiPEEK 18x15x12x7°

MECTA-C STAND ALONE SELF DRILLING SCREWS RIGID FIXATION DESIGN PRIMARY



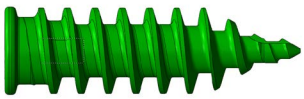
Reference	Description
03.18.601	Mecta-C SA Drill Screw Lock Ø3.8x12 (1x)
03.18.602	Mecta-C SA Drill Screw Lock Ø3.8x14 (1x)
03.18.603	Mecta-C SA Drill Screw Lock Ø3.8x16 (1x)
03.18.604	Mecta-C SA Drill Screw Lock Ø3.8x18 (1x)
03.18.605	Mecta-C SA Drill Screw Lock Ø3.8x20 (1x)
03.18.621	Mecta-C SA Drill Screw Lock Ø3.8x12 (2x)
03.18.622	Mecta-C SA Drill Screw Lock Ø3.8x14 (2x)
03.18.623	Mecta-C SA Drill Screw Lock Ø3.8x16 (2x)
03.18.624	Mecta-C SA Drill Screw Lock Ø3.8x18 (2x)
03.18.625	Mecta-C SA Drill Screw Lock Ø3.8x20 (2x)

MECTA-C STAND ALONE SELF TAPPING SCREWS RIGID FIXATION DESIGN PRIMARY



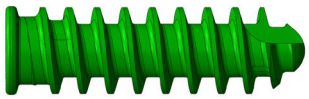
Reference	Description
03.18.701	Mecta-C SA Tap Screw Lock Ø3.8x12 (1x)
03.18.702	Mecta-C SA Tap Screw Lock Ø3.8x14 (1x)
03.18.703	Mecta-C SA Tap Screw Lock Ø3.8x16 (1x)
03.18.704	Mecta-C SA Tap Screw Lock Ø3.8x18 (1x)
03.18.705	Mecta-C SA Tap Screw Lock Ø3.8x20 (1x)
03.18.750	Mecta-C SA Tap Screw Lock Ø3.8x22 (1x)
03.18.721	Mecta-C SA Tap Screw Lock Ø3.8x12 (2x)
03.18.722	Mecta-C SA Tap Screw Lock Ø3.8x14 (2x)
03.18.723	Mecta-C SA Tap Screw Lock Ø3.8x16 (2x)
03.18.724	Mecta-C SA Tap Screw Lock Ø3.8x18 (2x)
03.18.725	Mecta-C SA Tap Screw Lock Ø3.8x20 (2x)
03.18.770	Mecta-C SA Tap Screw Lock Ø3.8x22 (2x)

MECTA-C STAND ALONE SELF DRILLING SCREWS RIGID FIXATION DESIGN REVISION



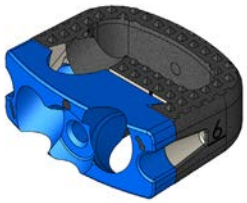
Reference	Description
03.18.606	Mecta-C SA Drill Screw Lock Ø4.2x12 (1x)
03.18.607	Mecta-C SA Drill Screw Lock Ø4.2x14 (1x)
03.18.608	Mecta-C SA Drill Screw Lock Ø4.2x16 (1x)
03.18.609	Mecta-C SA Drill Screw Lock Ø4.2x18 (1x)
03.18.610	Mecta-C SA Drill Screw Lock Ø4.2x20 (1x)
03.18.626	Mecta-C SA Drill Screw Lock Ø4.2x12 (2x)
03.18.627	Mecta-C SA Drill Screw Lock Ø4.2x14 (2x)
03.18.628	Mecta-C SA Drill Screw Lock Ø4.2x16 (2x)
03.18.629	Mecta-C SA Drill Screw Lock Ø4.2x18 (2x)
03.18.630	Mecta-C SA Drill Screw Lock Ø4.2x20 (2x)

MECTA-C STAND ALONE SELF TAPPING SCREWS RIGID FIXATION DESIGN REVISION



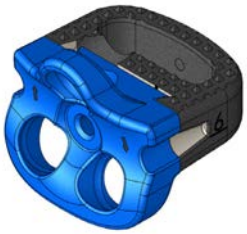
Reference	Description
03.18.706	Mecta-C SA Tap Screw Lock Ø4.2x12 (1x)
03.18.707	Mecta-C SA Tap Screw Lock Ø4.2x14 (1x)
03.18.708	Mecta-C SA Tap Screw Lock Ø4.2x16 (1x)
03.18.709	Mecta-C SA Tap Screw Lock Ø4.2x18 (1x)
03.18.710	Mecta-C SA Tap Screw Lock Ø4.2x20 (1x)
03.18.751	Mecta-C SA Tap Screw Lock Ø4.2x22 (1x)
03.18.726	Mecta-C SA Tap Screw Lock Ø4.2x12 (2x)
03.18.727	Mecta-C SA Tap Screw Lock Ø4.2x14 (2x)
03.18.728	Mecta-C SA Tap Screw Lock Ø4.2x16 (2x)
03.18.729	Mecta-C SA Tap Screw Lock Ø4.2x18 (2x)
03.18.730	Mecta-C SA Tap Screw Lock Ø4.2x20 (2x)
03.18.771	Mecta-C SA Tap Screw Lock Ø4.2x22 (2x)

MECTA-C STAND ALONE
FLUSH VARIABLE FIXATION PLATE - TIPEEK CAGE



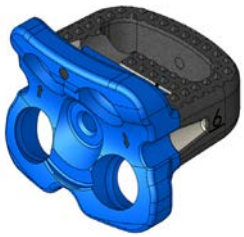
Reference	Description
03.19.526	Mecta-C SA AUS Trio Lag TiPEEK 15x13x5x7°
03.19.527	Mecta-C SA AUS Trio Lag TiPEEK 15x13x6x7°
03.19.528	Mecta-C SA AUS Trio Lag TiPEEK 15x13x7x7°
03.19.529	Mecta-C SA AUS Trio Lag TiPEEK 15x13x8x7°
03.19.530	Mecta-C SA AUS Trio Lag TiPEEK 15x13x9x7°
03.19.531	Mecta-C SA AUS Trio Lag TiPEEK 15x13x10x7°
03.19.532	Mecta-C SA AUS Trio Lag TiPEEK 15x13x11x7°
03.19.534	Mecta-C SA AUS Trio Lag TiPEEK 15x13x12x7°
03.19.535	Mecta-C SA AUS Trio Lag TiPEEK 16x14x5x7°
03.19.536	Mecta-C SA AUS Trio Lag TiPEEK 16x14x6x7°
03.19.537	Mecta-C SA AUS Trio Lag TiPEEK 16x14x7x7°
03.19.538	Mecta-C SA AUS Trio Lag TiPEEK 16x14x8x7°
03.19.539	Mecta-C SA AUS Trio Lag TiPEEK 16x14x9x7°
03.19.540	Mecta-C SA AUS Trio Lag TiPEEK 16x14x10x7°
03.19.542	Mecta-C SA AUS Trio Lag TiPEEK 16x14x11x7°
03.19.543	Mecta-C SA AUS Trio Lag TiPEEK 16x14x12x7°
03.19.544	Mecta-C SA AUS Trio Lag TiPEEK 18x15x5x7°
03.19.545	Mecta-C SA AUS Trio Lag TiPEEK 18x15x6x7°
03.19.546	Mecta-C SA AUS Trio Lag TiPEEK 18x15x7x7°
03.19.547	Mecta-C SA AUS Trio Lag TiPEEK 18x15x8x7°
03.19.548	Mecta-C SA AUS Trio Lag TiPEEK 18x15x9x7°

MECTA-C STAND ALONE
TRIO VARIABLE FIXATION PLATE - TIPEEK CAGE



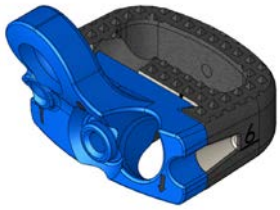
Reference	Description
03.19.573	Mecta-C SA AUS Trio Lag TiPEEK 15x13x5x7°
03.19.574	Mecta-C SA AUS Trio Lag TiPEEK 15x13x6x7°
03.19.575	Mecta-C SA AUS Trio Lag TiPEEK 15x13x7x7°
03.19.576	Mecta-C SA AUS Trio Lag TiPEEK 15x13x8x7°
03.19.577	Mecta-C SA AUS Trio Lag TiPEEK 15x13x9x7°
03.19.578	Mecta-C SA AUS Trio Lag TiPEEK 15x13x10x7°
03.19.579	Mecta-C SA AUS Trio Lag TiPEEK 15x13x11x7°
03.19.580	Mecta-C SA AUS Trio Lag TiPEEK 15x13x12x7°
03.19.581	Mecta-C SA AUS Trio Lag TiPEEK 16x14x5x7°
03.19.582	Mecta-C SA AUS Trio Lag TiPEEK 16x14x6x7°
03.19.583	Mecta-C SA AUS Trio Lag TiPEEK 16x14x7x7°
03.19.584	Mecta-C SA AUS Trio Lag TiPEEK 16x14x8x7°
03.19.585	Mecta-C SA AUS Trio Lag TiPEEK 16x14x9x7°
03.19.586	Mecta-C SA AUS Trio Lag TiPEEK 16x14x10x7°
03.19.587	Mecta-C SA AUS Trio Lag TiPEEK 16x14x11x7°
03.19.588	Mecta-C SA AUS Trio Lag TiPEEK 16x14x12x7°
03.19.589	Mecta-C SA AUS Trio Lag TiPEEK 18x15x5x7°
03.19.590	Mecta-C SA AUS Trio Lag TiPEEK 18x15x6x7°
03.19.591	Mecta-C SA AUS Trio Lag TiPEEK 18x15x7x7°
03.19.592	Mecta-C SA AUS Trio Lag TiPEEK 18x15x8x7°
03.19.593	Mecta-C SA AUS Trio Lag TiPEEK 18x15x9x7°
03.19.594	Mecta-C SA AUS Trio Lag TiPEEK 18x15x10x7°
03.19.595	Mecta-C SA AUS Trio Lag TiPEEK 18x15x11x7°
03.19.596	Mecta-C SA AUS Trio Lag TiPEEK 18x15x12x7°

MECTA-C STAND ALONE QUATTRO VARIABLE FIXATION PLATE - TIPEEK CAGE



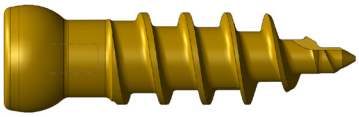
Reference	Description
03.19.621	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x5x7°
03.19.622	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x6x7°
03.19.623	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x7x7°
03.19.624	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x8x7°
03.19.625	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x9x7°
03.19.626	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x10x7°
03.19.627	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x11x7°
03.19.628	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x12x7°
03.19.629	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x5x7°
03.19.630	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x6x7°
03.19.631	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x7x7°
03.19.632	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x8x7°
03.19.633	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x9x7°
03.19.634	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x10x7°
03.19.635	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x11x7°
03.19.636	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x12x7°
03.19.637	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x5x7°
03.19.638	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x6x7°
03.19.639	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x7x7°
03.19.640	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x8x7°
03.19.641	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x9x7°
03.19.642	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x10x7°
03.19.643	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x11x7°
03.19.644	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x12x7°

MECTA-C STAND ALONE HYBRID VARIABLE FIXATION PLATE - TIPEEK CAGE



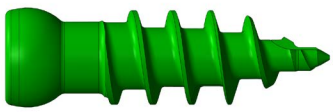
Reference	Description
03.19.670	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x5x7°
03.19.671	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x6x7°
03.19.672	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x7x7°
03.19.673	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x8x7°
03.19.674	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x9x7°
03.19.675	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x10x7°
03.19.676	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x11x7°
03.19.678	Mecta-C SA AUS Quattro Lag TiPEEK 15x13x12x7°
03.19.679	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x5x7°
03.19.680	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x6x7°
03.19.681	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x7x7°
03.19.682	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x8x7°
03.19.683	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x9x7°
03.19.684	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x10x7°
03.19.686	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x11x7°
03.19.687	Mecta-C SA AUS Quattro Lag TiPEEK 16x14x12x7°
03.19.688	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x5x7°
03.19.689	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x6x7°
03.19.690	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x7x7°
03.19.691	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x8x7°
03.19.692	Mecta-C SA AUS Quattro Lag TiPEEK 18x15x9x7°

MECTA-C STAND ALONE SELF DRILLING SCREWS VARIABLE FIXATION DESIGN REVISION



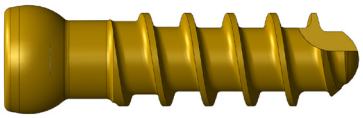
Reference	Description
03.18.611	Mecta-C SA Drill Screw Lag Ø3.8x12 (1x)
03.18.612	Mecta-C SA Drill Screw Lag Ø3.8x14 (1x)
03.18.613	Mecta-C SA Drill Screw Lag Ø3.8x16 (1x)
03.18.614	Mecta-C SA Drill Screw Lag Ø3.8x18 (1x)
03.18.615	Mecta-C SA Drill Screw Lag Ø3.8x20 (1x)
03.18.631	Mecta-C SA Drill Screw Lag Ø3.8x12 (2x)
03.18.632	Mecta-C SA Drill Screw Lag Ø3.8x14 (2x)
03.18.633	Mecta-C SA Drill Screw Lag Ø3.8x16 (2x)
03.18.634	Mecta-C SA Drill Screw Lag Ø3.8x18 (2x)
03.18.635	Mecta-C SA Drill Screw Lag Ø3.8x20 (2x)

MECTA-C STAND ALONE SELF DRILLING SCREWS VARIABLE FIXATION DESIGN REVISION



Reference	Description
03.18.616	Mecta-C SA Drill Screw Lag Ø4.2x12 (1x)
03.18.617	Mecta-C SA Drill Screw Lag Ø4.2x14 (1x)
03.18.618	Mecta-C SA Drill Screw Lag Ø4.2x16 (1x)
03.18.619	Mecta-C SA Drill Screw Lag Ø4.2x18 (1x)
03.18.620	Mecta-C SA Drill Screw Lag Ø4.2x20 (1x)
03.18.636	Mecta-C SA Drill Screw Lag Ø4.2x12 (2x)
03.18.637	Mecta-C SA Drill Screw Lag Ø4.2x14 (2x)
03.18.638	Mecta-C SA Drill Screw Lag Ø4.2x16 (2x)
03.18.639	Mecta-C SA Drill Screw Lag Ø4.2x18 (2x)
03.18.640	Mecta-C SA Drill Screw Lag Ø4.2x20 (2x)

MECTA-C STAND ALONE SELF TAPPING SCREWS VARIABLE FIXATION DESIGN PRIMARY

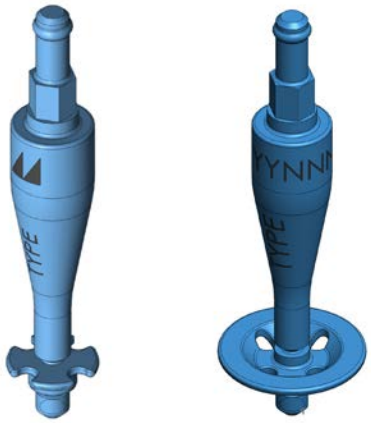


Reference	Description
03.18.711	Mecta-C SA Tap Screw Lag Ø3.8x12 (1x)
03.18.712	Mecta-C SA Tap Screw Lag Ø3.8x14 (1x)
03.18.713	Mecta-C SA Tap Screw Lag Ø3.8x16 (1x)
03.18.714	Mecta-C SA Tap Screw Lag Ø3.8x18 (1x)
03.18.715	Mecta-C SA Tap Screw Lag Ø3.8x20 (1x)
03.18.760	Mecta-C SA Tap Screw Lag Ø3.8x22 (1x)
03.18.731	Mecta-C SA Tap Screw Lag Ø3.8x12 (2x)
03.18.732	Mecta-C SA Tap Screw Lag Ø3.8x14 (2x)
03.18.733	Mecta-C SA Tap Screw Lag Ø3.8x16 (2x)
03.18.734	Mecta-C SA Tap Screw Lag Ø3.8x18 (2x)
03.18.735	Mecta-C SA Tap Screw Lag Ø3.8x20 (2x)
03.18.780	Mecta-C SA Tap Screw Lag Ø3.8x22 (2x)

MECTA-C STAND ALONE SELF TAPPING SCREWS VARIABLE FIXATION DESIGN REVISION

Reference	Description
03.18.716	Mecta-C SA Tap Screw Lag Ø4.2x12 (1x)
03.18.717	Mecta-C SA Tap Screw Lag Ø4.2x14 (1x)
03.18.718	Mecta-C SA Tap Screw Lag Ø4.2x16 (1x)
03.18.719	Mecta-C SA Tap Screw Lag Ø4.2x18 (1x)
03.18.720	Mecta-C SA Tap Screw Lag Ø4.2x20 (1x)
03.18.761	Mecta-C SA Tap Screw Lag Ø4.2x22 (1x)
03.18.736	Mecta-C SA Tap Screw Lag Ø4.2x12 (2x)
03.18.737	Mecta-C SA Tap Screw Lag Ø4.2x14 (2x)
03.18.738	Mecta-C SA Tap Screw Lag Ø4.2x16 (2x)
03.18.739	Mecta-C SA Tap Screw Lag Ø4.2x18 (2x)
03.18.740	Mecta-C SA Tap Screw Lag Ø4.2x20 (2x)
03.18.781	Mecta-C SA Tap Screw Lag Ø4.2x22 (2x)

MECTA-C STAND ALONE VARIABLE FIXATION DESIGN ANTIBACKOUT SCREW



Reference	Description
03.18.821	Mecta-C SA Antibackout Flush h6-h8
03.18.822	Mecta-C SA Antibackout Flush h9-h12
03.18.831	Mecta-C SA Antibackout Trio h5-h6
03.18.832	Mecta-C SA Antibackout Trio h7-h8
03.18.833	Mecta-C SA Antibackout Trio h9-h12
03.18.842	Mecta-C SA Antibackout Quattro h5-8
03.18.843	Mecta-C SA Antibackout Quattro h9-12
03.18.851	Mecta-C SA Antibackout Hybrid

Part numbers subject to change.

NOTE FOR STERILISATION

In case the instrumentation is not sterile upon delivery, it must be cleaned before use and sterilized in an autoclave respecting the regulation of the country, EU directives where applicable and following the instructions for use of the autoclave manufacturer. For detailed instructions please refer to the document “Recommendations for cleaning decontamination and sterilization of Medacta International reusable orthopedic devices” available at www.medacta.com.

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Medacta International SA
Strada Regina - 6874 Castel San Pietro - Switzerland
Phone +41 91 696 60 60 - Fax +41 91 696 60 66
info@medacta.ch

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Last update:
October 2020
CE 0476