



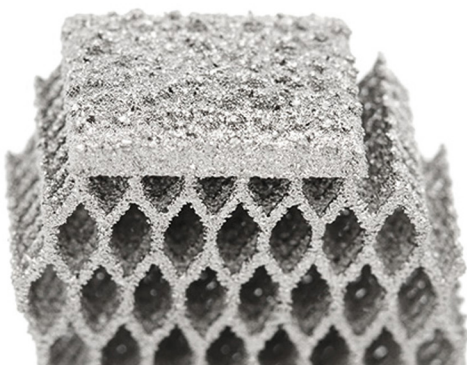
CATALOGUE X-POROUS TTA

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X-Porous TTA 4.0 wedge








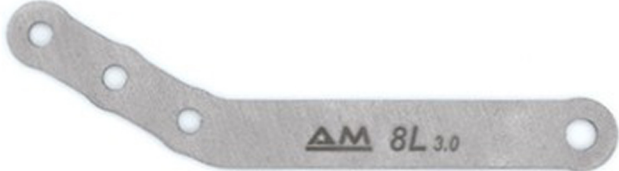
The 4.0 wedge (patent pending) for X-Porous TTA procedure represents a major development for the implants of the procedure.

The peculiar roof structure that is its main feature makes the wedge much more capable to counteract the huge compression loads of the tibial crest that are typical of the procedure, leaving intact its osteoinductive and osteoconductive capabilities thanks to the porous titanium structure.



Code	Measure
I00030045A	3 x 5 mm
I00030046A	3 x 7 mm
I00030047A	4,5 x 8 mm
I00030048A	4,5 x 11 mm
I00030049A	6 x 11 mm
I00030050A	6 x 14 mm
I00030051A	7,5 x 14 mm
I00030052A	7,5 x 17 mm
I00030053A	9 x 14 mm
I00030054A	9 x 17 mm
I00030055A	9 x 20 mm
I00030056A	10,5 x 17 mm
I00030057A	10,5 x 20 mm
I00030058A	12 x 17 mm
I00030059A	12 x 20 mm
I00030060A	12 x 23 mm
I00030061A	13,5 x 20 mm
I00030062A	13,5 x 23 mm
I00030063A	15 x 21 mm
I00030064A	15 x 24 mm

Titanium Plates

	I00020012A	4R
	I00020011A	4M
	I00020010A	4L
	I00020047A	7S 3.0
	I00020046A	7M 3.0
	I00020045A	7L 3.0
	I00020049A	8S 3.0
	I00020048A	8L 3.0

Titanium screw hexagonal head Ø 1,5 - 2,0 mm

The screw is used to stabilize the plate to the tibia and to the tibial crest, following the instructions provided for the surgical technique.



Code	Measure
V00040076A	Ø 1,5 x 6 mm
V00040077A	Ø 1,5 x 8 mm
V00040078A	Ø 1,5 x 10 mm
V00040079A	Ø 1,5 x 12 mm
V00040080A	Ø 1,5 x 14 mm
V00040081A	Ø 2,0 x 6 mm
V00040082A	Ø 2,0 x 8 mm
V00040083A	Ø 2,0 x 10 mm
V00040084A	Ø 2,0 x 12 mm
V00040085A	Ø 2,0 x 14 mm
V00040086A	Ø 2,0 x 16 mm

Titanium screw cross-head Ø 1,5 - 2,0 mm

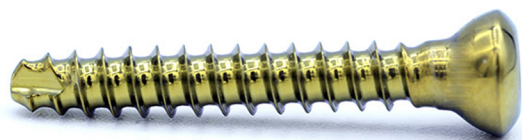
The screw is used to stabilize the plate to the tibia and to the tibial crest, following the instructions provided for the surgical technique.



Code	Measure
V00040051A	Ø 1,5 x 6 mm
V00040051A	Ø 1,5 x 8 mm
V00040051A	Ø 1,5 x 10 mm
V00040051A	Ø 1,5 x 12 mm
V00040051A	Ø 1,5 x 14 mm
V00040051A	Ø 2,0 x 6 mm
V00040040A	Ø 2,0 x 8 mm
V00040041A	Ø 2,0 x 10 mm
V00040041A	Ø 2,0 x 12 mm
V00040057A	Ø 2,0 x 14 mm
V00040058A	Ø 2,0 x 16 mm

Titanium screw hexagonal Ø head 2,4 - 3,5 mm

The screw is used to stabilize the plate to the tibia and to the tibial crest, following the instructions provided for the surgical technique.



Code	Measure	Code	Measure
V00040043A	Ø 2,4 x 10 mm	V00040048A	Ø 3,5 x 16 mm
V00040039A	Ø 2,4 x 12 mm	V00040049A	Ø 3,5 x 18 mm
V00040044A	Ø 2,4 x 14 mm	V00040070A	Ø 3,5 x 20 mm
V00040059A	Ø 2,4 x 16 mm	V00040050A	Ø 3,5 x 22 mm
V00040060A	Ø 2,4 x 18 mm	V00040071A	Ø 3,5 x 24 mm
V00040061A	Ø 2,4 x 20 mm	V00040072A	Ø 3,5 x 26 mm
V00040062A	Ø 2,4 x 22 mm	V00040073A	Ø 3,5 x 28 mm
V00040063A	Ø 2,4 x 24 mm	V00040074A	Ø 3,5 x 30 mm
V00040064A	Ø 2,4 x 26 mm		
V00040065A	Ø 2,4 x 28 mm		
V00040066A	Ø 2,7 x 14 mm		
V00040067A	Ø 2,7 x 16 mm		
V00040068A	Ø 2,7 x 18 mm		
V00040045A	Ø 2,7 x 20 mm		
V00040069A	Ø 2,7 x 22 mm		
V00040046A	Ø 2,7 x 24 mm		
V00040047A	Ø 2,7 x 26 mm		
V00040075A	Ø 2,7 x 28 mm		

Locked Plates



	Right	Left
7L3B	I00020050A	I00020055A
7M3B	I00020051A	I00020056A
7S3B	I00020052A	I00020057A
8L3B	I00020053A	I00020058A
8S3B	I00020054A	I00020059A



Looking screws



Code	Measure
V00050007A	Ø 2,4 x 10 mm
V00050001A	Ø 2,4 x 12 mm
V00050002A	Ø 2,4 x 14 mm
V00050003A	Ø 2,4 x 16 mm
V00050008A	Ø 2,7 x 10 mm
V00050004A	Ø 2,7 x 12 mm
V00050005A	Ø 2,7 x 14 mm
V00050006A	Ø 2,7 x 16 mm

Guide for osteotomy X-Porous TTA

The guide for osteotomy helps the surgeon to perform the osteotomy of the tibial crest in a precise and repeatable way.



Four-flamed screwdriver

The four-flamed screwdriver represents an important technical innovation for holding and inserting the cross-head screws in a consistent way.

The cross head in small-sized screws dramatically reduces the head size compared to hexagonal engagement, making them low-profile screws, thus reducing the interference with soft tissues. The problem is often due in how to manipulate and firmly holding them during insertion and tightening. The four-flamed screwdriver allows a very firm hold of the screw allowing for a consistent holding and insertion procedure.



Fiber screwdriver for hexagonal screws

Fiber screwdriver for Ø 1.5 mm hexagonal screws

CODE U00010028A

Fiber screwdriver for Ø 2.5 mm hexagonal screws

CODE U00010029A



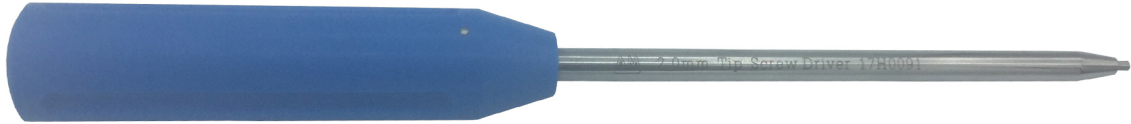
Impactor for X-Porous TTA

The impactor for wedges of the instruments set of the X-Porous TTA allows to overcome the problem of the engagement of the wedge in the osteotomy site during its insertion. Thanks to its very graspy surface, the wedge will lay very stable in the insertion site, and it will be immovable in fact. If it will be got engaged during insertion, though, it can be difficult to proceed with its final positioning. The impactor will allow to overwhelm the friction with the bone, making the insertion of the wedge smooth up to its final position.



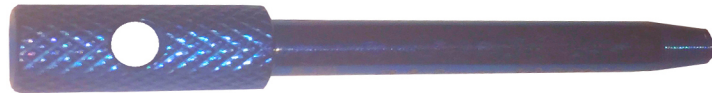
Screwdriver for locking screw

CODE U00010033A



Drill sleeve

CODE C00010008A



Power X-Porous TTA distractor

The use of the Power distractor for the advancement of the tibial crest is suggested in medium-large breed dogs. Compared to the Standard distractor, the branches are much stiffer, and this allows a smooth and linear advancement.

The toothed ends of the branches avoid the shifting of the tibial crest even when the mechanical loads are very high.

The better progression of the distraction facilitates the introduction of the wedge, making the procedure easier and quicker.

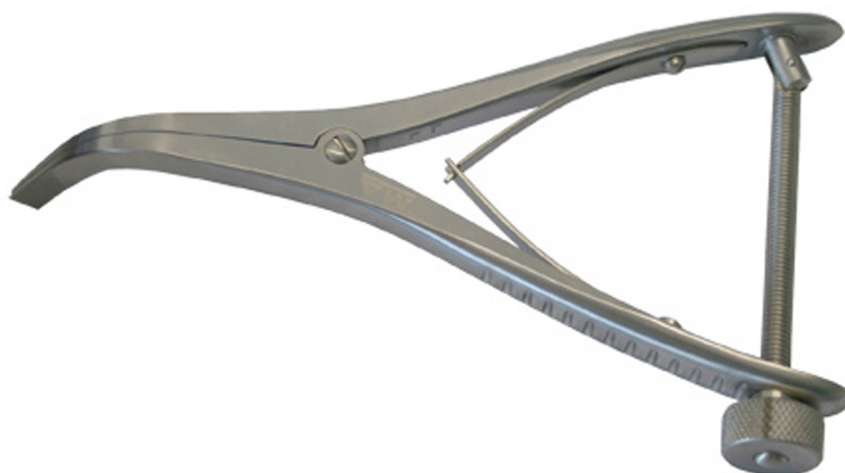
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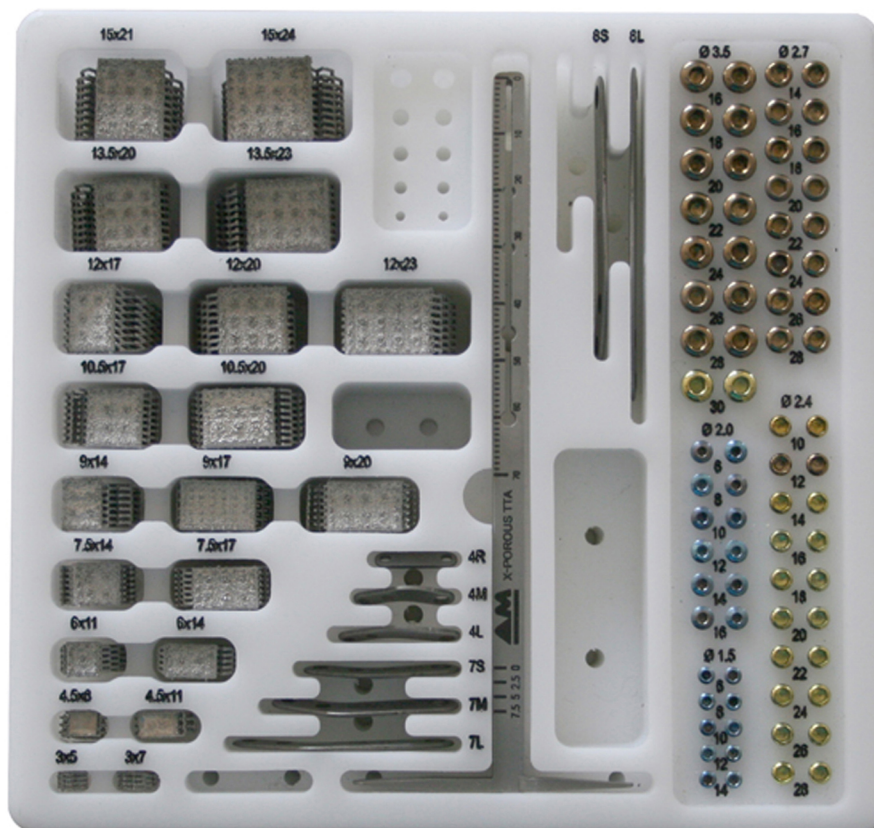
Standard X-Porous TTA distractor

The micrometric distractor allows the advancement of the tibial crest in a very gradual way, taking advantage of the viscoelastic properties of the bone and reducing the risk of fracturing the crest.

CODE S00040007A.



Extended container for implants



Container for X-Porous TTA implants. It holds all implants and screw sizes.

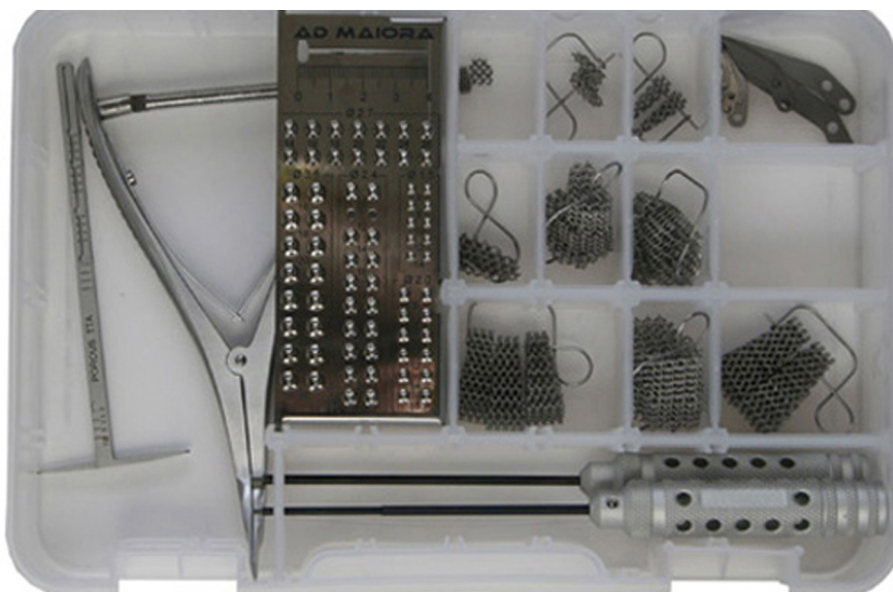
Customizable according to the needs of the surgeon.

CODE

C00040022A

Extended container for implants & instruments

Container for implants and tools for X-Porous TTA. It can contain the distractor, the osteotomy guide and two measures of screwdriver, as well as implants and all screw sizes. Customizable according to the needs of the surgeon. CODE C00040021A





Ad Maiores has the goal of developing safe and effective surgical techniques for the veterinary patients and to create tools that facilitate the task of the surgeon. Thanks to the intellectual input and direct experience of the surgeons who cooperate for this development, Ad Maiores is a constantly changing reality in an attempt to give effective answers to the problems encountered in the surgical activity.



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