NeoSys
Medical Solutions

TITANIUM   SUTURE   ANCHOR

It is specially designed for the fixation of soft

or prosthetic tissues to the bone

ARTOFIX TITANIUM are screwed anchors associated with two UHMWPE suture threads (USP2) and mounted on a disposable screwdriver for insertion and locking into the bone.
These anchors are composed of titanium aloy (Ti-6AI-4V).

Self-threaded
The tip of the anchor allows easy insertion

Biocompatible
titanium alloy anchor

Optimized anchorage
Wide threads optimize bone grip

Tearing resistance
fully threaded anchor body increases the tearing resistance

Laser markings
On the inserter indicate insertion depth and orientation of sutures

A color coding
Differentiates anchors by size and number of sutures

Multiple sutures
For a better distribution of tensions on the tendon

Sizes
Available in 2.0mm,3.5mm,5.0mm and 6,5 mm diameters with or without needles

TITANIUM

ADVANTAGES

- High mechanical properties
- Corrosion resistant
- Greater elasticity than stainless steel
- Biocompatible
- Radio-transparent

ARTOFIX Ti
SUTURE ANCHORS

ARTOFIX Ti anchor design incorporates a cancellous thread with a very small core diameter to maximise pull-out strength in cancellous or osteopenic bone.
Each **ARTOFIX Ti** is delivered with two UHMWPE sutures (USP2) of different colors to optimize soft tissue fixation and allow suture the identification.

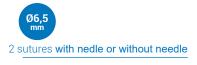Ideal for arthroscopic and mini-open rotator cuff repair.

SHOULDER
ROTATOR CUFF, BICEPS TENODESIS AND REINSERTION

Ø5,0 mm
2 sutures
with needle

Ø5,0 mm
2 sutures without needle

Ø6,5 mm
2 sutures with nedle or without needle

ARTOFIX
SUTURE ANCHORS

ARTOFIX MINI Ti titanium suture anchors are available in **2.0** mm and **3.5** mm diameters and 2.0 mm. They are preloaded with a UHMWPE suture (USP2).

In most cases, the anchor can be manually inserted because it is self-drilling. A drill is available for use in hard bone if desired.
For arthroscopic applications, **MINI Ti** anchor can be inserted through the small diameter **MINI Ti** guide, eliminating the need for a cannula. This is particularly suitable for SLAP and subscapularis repairs where a small incision and percutaneous delivery of the implant is preferable.

By its shape, this anchor has a significant resistance to pull-out. It is also available in a needled version for open surgery applications in many tendon or ligament re-insertion indications.

SHOULDER
SLAP, BANKART INSTABILITY

HAND
TENDON AND LIGAMENT REINSERTION

ANKLE
TENDON AND LIGAMENT REINSERTION

DIAMETER (mm)

Ø3,5 mm
1 suture

Ø2,0 mm
1 suture

SUTURES ADVANTAGES

ARTOFIX TITANIUM SUTURE ANCHORS are associated with 2 or 3 USP2 sutures (made of very high molecular weight polyethylene UHMWPE)

HIGH TENSILE STRENGTH
EASY REALIZATION OF KNOTS
STRENGTH AND SAFETY OF SUTURES

Titanium ARTOFIX suture anchors

feature a small minor diameter and a cancellous screw thread design.

The anchor's very sharp point makes it possible to insert without tapping.
This non-absorbable suture is composed of a special ultra high molecular weight (UHMW) polyethylene fiber and features a unique braid configuration. As a result, ULTRAFIRE Suture offers special advantages over traditional polyester suture, including a high knot breaking strength, ideal lubricity, and a strong resistance to fraying.

ULTRAFIRE Suture is preloaded on all ARTOFIX Suture Anchor that have #2 sutures. ARTOFIX Suture Anchors provide a tapered body that is mated to the dilator to reduce insertion torque, thereby helping to minimize anchor breakage. Suture eyelets are located deeper in the anchor body to reduce suture eyelet failure under cyclic loading.

ARTOFIX Suture Anchors provide secure fixation with a wide range of sizes to match various applications and bone qualities. Anchor cores are matched to the drill size to facilitate insertion while maximizing fixation strength.

ARTOFIX Suture Anchors have an updated inserter handle. This robust handle provides surgeons ideal control when deploying anchors.

Improved suture track - Ensures smooth suture release.
External suture posts - Protects and controls the sutures.
Physical mechanism for grasping sutures - Securely holds anchor on the tip of inserter.
Flat handle surface - Ideal to tap/strike with mallet.
**Arthrofix anchors are available in with needle and without needle versions.

www.neosysmed.com

CE 0653
CLASS IIb / ANCHOR