

LARS^x_{TM}

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Ligaments

General information

LARS™ is suitable for a wide range of applications from Anterior Cruciate Ligament (ACL), Posterior Cruciate Ligament (PCL), to knee extensor mechanism, foot & ankle ligaments, shoulder, tendon or muscular reconstruction for bone tumor cases.

LARS device is recommended for partial tears with **reinforcement of the native soft tissue** or **reinforcement with autograft or allograft**. When the tear is complete, in case of rupture, LARS device is recommended for the **reconstruction** of the native soft tissue.

Fabric

The **Polyethylene Terephthalate (PET)** fabric is composed of adjacent technical threads, cross-linked by a mesh that holds the structure together. The PET fabric is cut with a specific number and length of Technical Fibers depending on their intended purpose, then rolled or folded, and sewn with a PET sewing thread to maintain the LARS device shape.

Traction Wires

They are added for some references to facilitate the positioning of the implant in its target site. In every case, these traction wires are not implanted in the body.

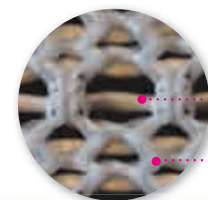
Material

All implants are made of **PET (Polyethylene Terephthalate)**

Traction wires are made of **PEHM (Polyethylene High Modulus)**



Traction Wires



Technical Fibers

Mesh

Free longitudinal intra-articular Fibers*

orientation to reduce wear and fatigue during torsion

Intra-osseous section

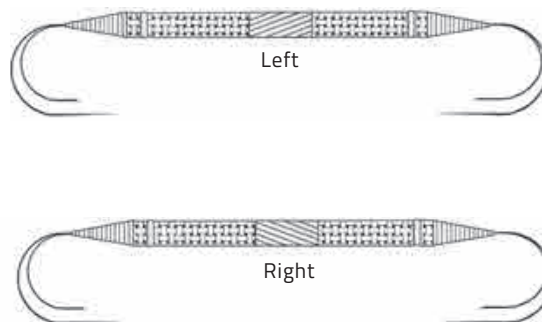
warp knitting providing resistance to wave loosening and elongation

Anterior Cruciate Ligament (ACL)

RECONSTRUCTION

REINFORCEMENT WITH GRAFT

Part number	Product code	Use	Design information
L020801	AC 80 L	●	Left, Single Bundle
L020802	AC 80 R	●	Right, Single Bundle
L021001	AC 100 2BL	●	Left, Single Bundle
L021002	AC 100 2BR	●	Right, Single Bundle
L021201	AC 120 2BL	●	Left, Single Bundle
L021202	AC 120 2BR	●	Right, Single Bundle



Part number	Product code	Use	Design information
L020305	AC 30 DB	● ●	Double Bundle



Part number	Product code	Use	Design information
L020405	AC 40 DB	●	Double Bundle
L020505	AC 50 DB	●	Double Bundle
L020606	AC 60 DB	●	Double Bundle



Posterior Cruciate Ligament (PCL)

RECONSTRUCTION

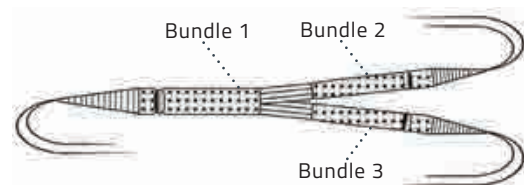
Part number	Product code	Use	Design information
L010605	PC 60	●	Single Bundle
L010805	PC 80	●	Single Bundle



Posterior Cruciate Ligament (PCL) - Double Bundle

RECONSTRUCTION

Part number	Product code	Use	Design information
L041005	PPLY 100	●	Double Bundle



Anterior and Posterior Cruciate Ligament (ACL & PCL)

REINFORCEMENT WITH GRAFT

Part number	Product code	Use	Design information
L030406	ACTOR 8	●	Tubular, Single Bundle, Hot-dog Technique
L030407	ACTOR 10	●	Tubular, Single Bundle, Hot-dog Technique




Medial Collateral Ligament

RECONSTRUCTION

Part number	Product code	Use	Design information
L060305	MCL 32	●	Single Bundle

Flat Bundle

Cylindric Bundle



Patellar Tendon

RECONSTRUCTION

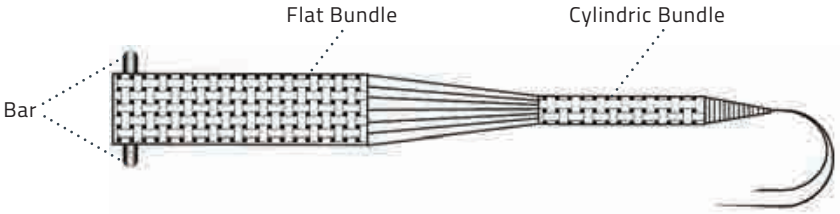
REINFORCEMENT OF NATIVE TISSUE

Part number	Product code	Use	Design information
L050305	PTR 30	● ●	Single Bundle

Flat Bundle

Cylindric Bundle

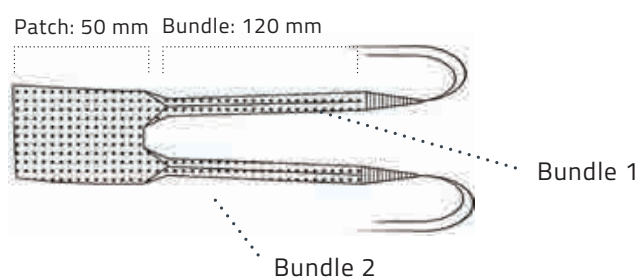
Bar



Rotator-Cuff (RC)

REINFORCEMENT OF NATIVE TISSUE

Part number	Product code	Use	Design information
L410305	CR 30/SB	●	Single Bundle



Acromioclavicular Joint (ACJ)

RECONSTRUCTION

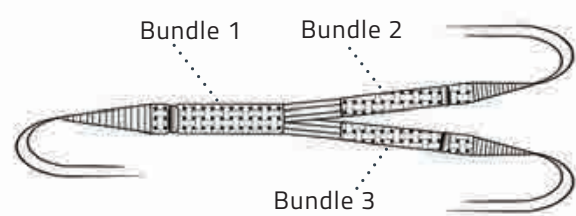
Part number	Product code	Use	Design information
L400205	LAC 20	●	Single Bundle
L400305	LAC 30 CK	●	Single Bundle



Ankle Lateral Ligament

RECONSTRUCTION


Part number	Product code	Use	Design information
L200405	LLEA 44	●	Double Bundle



Achilles Tendon

RECONSTRUCTION REINFORCEMENT OF NATIVE TISSUE

Part number	Product code	Use	Design information
L300605	AT 60	● ●	Single Bundle

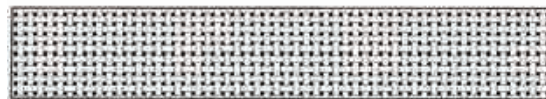


REINFORCEMENT OF NATIVE TISSUE

Part number	Product code	Use	Design information
L130605B	R06x400/S	●	Tubular



Part number	Product code	Use	Design information
L130605C	R06x400 (6 cm)	●	Flat Bundle



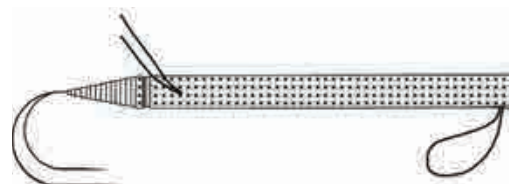
Part number	Product code	Use	Design information
L130605	R06x400 (6 mm)	●	Flat Bundle



Part number	Product code	Use	Design information
L130605D	R06x400/V	●	Flat Bundle



Part number	Product code	Use	Design information
L030405	ACTOR 5	●	Tubular



Fixations

General information

Screws

Material

The LARS cannulated ligament screws are made of Titanium Alloy, according to **ISO 5832-3 standard**.

Shapes and dimensions

Two types of screws are available with variable dimensions, in diameter and length.

Their dimensions vary according to the surgical needs. Both types of screws are specially designed with a rounded and therefore **non-edged screw** thread to ease the insertion and provide a strong fixation without creating any damage to the ligament or the tendon.

Staples

The LARS staple are available in three sizes. Their sharp extremities are designed to ease the staple insertion into the bone, while sharp edges under the staple bridge are designed to ease the fixation of the LARS ligament

Material

Staples are made of Cobalt Chromium Alloy, according to **ISO 5832-4 standard**.

All our fixations are delivered sterile.

SCREWS

Part number	Product description
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FST314715	Ø 4.7 mm x 15 mm
FST315215	Ø 5.2 mm x 15 mm
FST315220	Ø 5.2 mm x 20 mm
FST315230	Ø 5.2 mm x 30 mm



Part number	Product description
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FST110625	Ø 6 mm x 25 mm
FST110630	Ø 6 mm x 30 mm
FST110725	Ø 7 mm x 25 mm
FST110730	Ø 7 mm x 30 mm
FST110825	Ø 8 mm x 25 mm
FST110830	Ø 8 mm x 30 mm
FST110925	Ø 9 mm x 25 mm
FST110930	Ø 9 mm x 30 mm
FST111030	Ø 10 mm x 30 mm



Headless screws to be seated flush to the bone

STAPLES

Part number	Product description
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GST200620	6 mm x 20 mm
GST200820	8 mm x 20 mm
GST201020	10 mm x 20 mm





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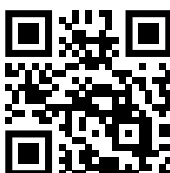
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