Inion TRINION™ product range

**INDIVIDUAL SCREWS:**
- MRD-3010 10 mm screw
- MRD-3012 12 mm screw

**SET-PACKAGE:**
- SET-3002 3 x MRD-3010 (10 mm)

**INSTRUMENTS:**
- INS-9215 Screwdriver shaft, single use
- INS-9216 Screwdriver handle, reusable
- INS-9211 Cannula, straight with the window
- INS-9213 Cannula, raised (20°) with the window
- INS-9212 Cannula, curved (40°)
- INS-9214 Obturator
- INS-9518 Inion Compact Instrument Tray

The company

The core competence of Inion lies in its knowledge of surgical biodegradable polymer applications and production processes. Inion’s product concept is to provide comprehensive, high-quality solutions to surgeons. Inion products are characterized by safety, efficiency, speed and ease of use and competitive pricing.

"Our mission is to create safe, innovative and efficient surgical solutions that ensure excellent surgical care."
Inion Trinion™

Biodegradable Meniscus Screw

- Dual thread screw design
- Controlled screw insertion
- Coloured screw: improved visibility
- Headless screw design
- Unique SET-packaging
INION TRINION™
Meniscus Screw with Controlled Insertion

Indications

The Inion TRINION™ Meniscus Screw is indicated for use in the fixation of longitudinal vertical meniscus lesions (bucket handle) located in the vascularized area of the meniscus (red-red and red-white zones).

Clear Visibility during insertion

The use of colour provides excellent visibility during insertion and also assists in establishing the screw’s final position.

The pigment, added in trace amounts, has been routinely used in biodegradable sutures for decades.

Inion Optima™ - Optimal material composition

The basic elements of the Inion Optima family of proprietary biomaterials have long, successful clinical histories.

The modulus of elasticity of the screw is closer to that of the meniscus due to the ductile characteristics of the TMC in the material.

In vitro biomechanical pull-out test data indicates that the Trinion Meniscus Screw provides equal initial strength to a single vertical 2-0 polydioxanone suture. Approximately 50% and 30% of the initial strength remains after 6 weeks and 12 weeks, respectively*.

Cannulas are provided with a window to optimize visualization during screw insertion.

The polymers used in Inion Biodegradable products

Degradation of Biodegradable polymers

*Test data available upon request
TRINION™ Benefits – *Meniscus repair with a sense of feeling*

**Screw design**

- Dual thread screw design.
- Coloured screw: Providing improved visibility during insertion. If not fully inside the meniscus the coloured screw can be easily detected.
- Headless screw design: Screw can be fully inserted inside the meniscus to avoid cartilage damages.
- Unique screw tip: Easier, smoother insertion providing better fixation.

**Screw insertion**

- Controlled screw insertion: The surgeon can feel the movement of the meniscus screw, which is absent when using other type of devices.
- Optimal positioning of the screw: It is possible to reverse the screw for replacement, if necessary.
- Easy to insert through the cannula system. The screws are also cannulated for the needle-tipped driver.
- Cannulas are provided with a window to optimize visualization during screw insertion.
- Minimal number of easy-to-use instruments.

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The SET package contains 3 x 10 mm screws in a convenient time-, space- and money-saving package.

TRINION screws are also available individually packed – in 10 and 12 mm sizes.