MASTEL

Use and Care Instructions

Ninja Fingers /Manipulators

About:

Mastel Ninja Fingers are highly finished wire manipulators that provide a smooth, safe interface for delicate intraoperative tissue manipulation.

All Mastel wire instruments offer the choice of either the Bores style handle or the more traditional Thornton style handle.

Bores

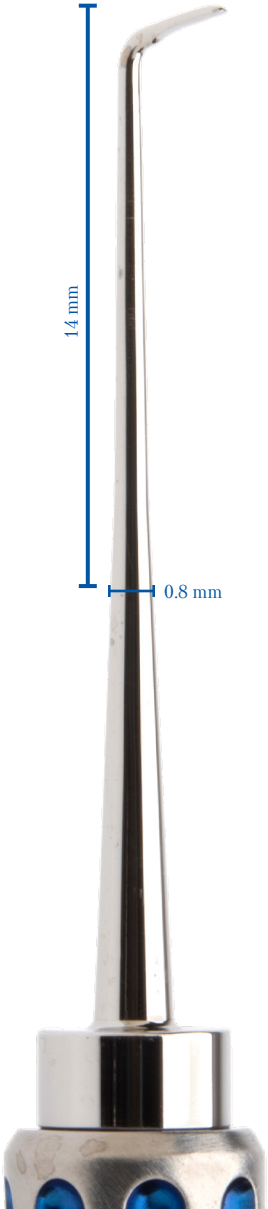
Thornton

Product Application:

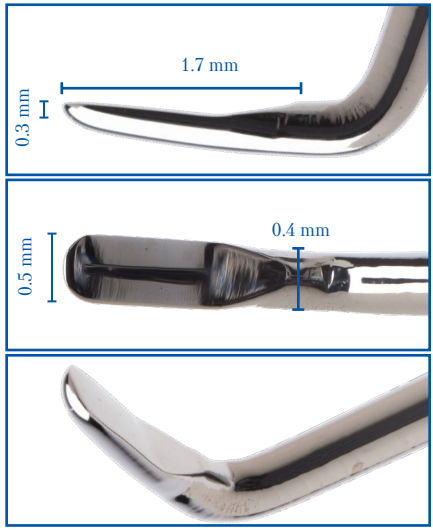
Mastel's Ninja Fingers are versatile wire instrument crafted to assist intraoperatively in the manipulation and removal of tissue or lenses. Useful in the following surgical procedures:

- Cataract surgery
- DMEK
- Toric IOL
- IOL exchanges

Product Features:



- 105° degree angled tip
- 1.7 mm tip length
- 14 mm length from tip to 0.8mm shaft diameter



Surgical Use:

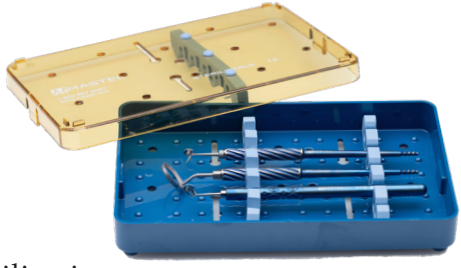
1. The 1.7 mm tip is generally short enough to rotate within the anterior chamber to sequentially dissect/manipulate where desired.
2. By angling the shaft within the tunneled incision, one can pass the 1.7 mm tip just under the proximal capsulorhexis edge - either slightly left or right of the incision. This is done in the same way that a right-angled I/A tip is used to access the subincisional cortex.
3. Used as a hook, the short 105° angled tip can spin the nucleus by engaging the anterior surface with a rotational motion. This manually breaks the remaining capsular adhesions.
4. The bevel angle creates a point that can be used to engage the anterior nuclear surface.

Use And Care

After use, adequate cleaning and disinfection is required to maintain the instruments continued proper function.

Instruments should be sterilized between cases.

- Optimally, Mastel instruments are stored and sterilized in their designated tray. Their tray may be run along with other surgical instruments in the autoclave. Standard facility cleaning procedures apply.
- When cleaning and disinfecting manually, avoid use of metal brushes, scouring agents or other aggressive methods. Ultrasonic cleaning may also be used if desired.
- The use of distilled or deionized water for all reprocessing cycles (including pre-cleaning) is recommended.



- Products must be stored appropriately during sterilization, i.e. not on top of each other and fixed in place with sterilization strips or plates.
- Sterilized products should be stored in a dry environment.

Sterilization:

The times and temperatures specified are minimum requirements. If, for procedural reasons, the values have to be lowered, the user must validate these. It is possible to exceed the time and temperature specifications. However, longer sterilization times and higher temperatures stress the materials, causing them to age prematurely.

Only products that have been cleaned and disinfected can be sterilized.

General sterilization criteria are listed below. Download complete *"Packaging and Sterilizing Instructions"* from the link on the following page.

Prevacuum high temperature steam sterilizer

- Four minutes at 132°C/134°C (270°F/273°F), or
- Twenty minutes at 121°C (250°F) wrapped

Gravity displacement autoclave

- Five minutes at 132°C / 134°C (270°F / 273°F), or
- Twenty minutes at 121°C (250°F) unwrapped
- Thirty minutes at 121°C (250°F) wrapped

Statim® steam sterilizer with radiant heat drying

- Three and one half minutes at 135°C (275°F) for unwrapped, or
- Ten minutes at 135°C (275°F) wrapped

Sterilization Continued:

- The use of gravity displacement process must be approved by means of additional validation (longer sterilization times may be necessary).
- A steam sterilizer in accordance with DIN EN 13060 and DIN EN 285 and validated in accordance with ISO 17665 (valid selection and product-specific performance qualification)
- Maximum sterilization temperature 137°C (279°F) (plus tolerance range in accordance with ISO 17665)
- Drying times as recommended by the sterilizer manufacturer

The manufacturer will accept no liability for other sterilization processes (e.g., hot-air, ethylene oxide, formaldehyde, radiation or low temperature plasma sterilization).

Should these be selected, validate them in accordance with the applicable standards DIN EN ISO 14937/ANSI AAMI ISO 14937 and/or process-specific standards, taking into account the specific geometry of the product, and be able to provide proof of the suitability and effectiveness of the process (including analysis of the sterilizing agent residue if applicable).

Please Visit: www.mastel.com/faq

To download relevant PDF's including
Validation Documents!
These files contain complete information on **packaging**, **sterilizing**, and **preserving** the life of your instrument.

Product Number:

26.115.0401

26.115.0402

MASTEL

and its team of craftsmen, engineers and service representatives strive to provide you with the very best in ophthalmic surgical instruments. Our products are delivered to you with pride.

If, for any reason, you need further assistance, please call one of our service representatives. They will provide the help you seek.

Thank You!

Certifications & Licenses:

Mastel is FDA registered.

Certifications:

- ISO 13485:2016 (MDSAP)

Licenses:

- Health Canada

Product numbers were updated 3/1/2022. For more information: please visit mastel.com/sku-update/

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