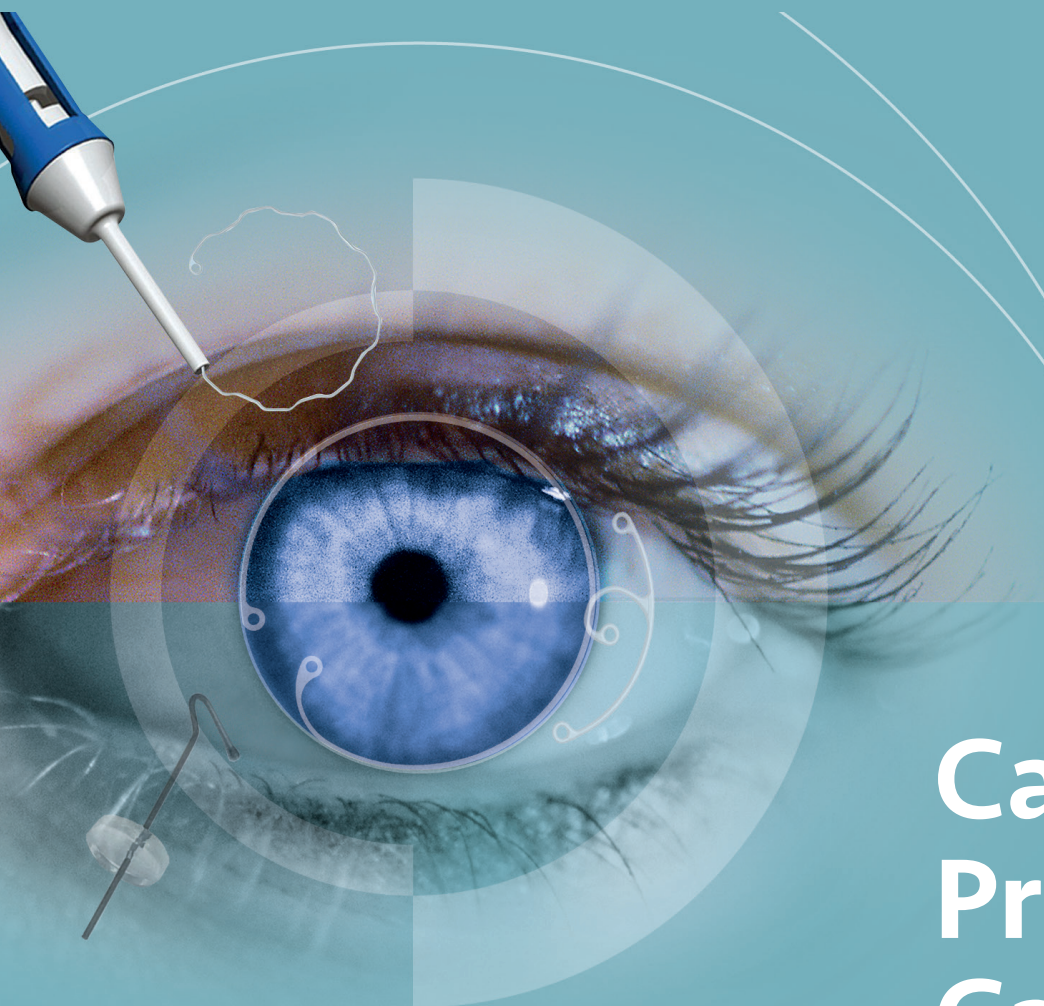
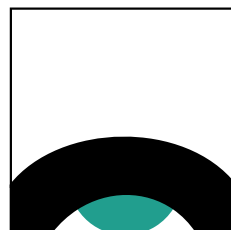




Cataract Product Catalog

FCI-Ophthalmics.com



FCI®

a ZEISS company



Since its inception in 1984, FCI has become a world leader in developing innovative solutions essential in the treatment of dry eye, lacrimal, lid, orbit, cataract and retina indications.

In close collaboration with the world's leading ophthalmic surgeons, FCI continues to be on the cutting-edge of research, testing and manufacturing of gold standard medical devices that garner unparalleled trust and reliability.

The ability to understand, anticipate and respond to the research has resulted in FCI's strong portfolio of globally recognized products.

FCI is committed to serving the ophthalmic industry with the expertise and value key to quality patient care.

All FCI Ophthalmics products are cleared by FDA for commercial distribution.





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This publication is intended for distribution in North America only.

CAPSULAR TENSION RINGS (CTRs)

FCI Ophthalmics is the exclusive distributor of MORCHER® Capsular Tension Rings (CTRs) in the United States. CTRs convert complex cataract cases into routine cases by stabilizing the crystalline lens capsule in the presence of weak or absent zonules. The MORCHER® CTR is a necessary device in the cataract surgeon's armamentarium. FCI offers a full range of MORCHER® CTRs that are available preloaded and unloaded. The EyeJet® is a preloaded CTR on a single use injector that simplifies implantation of MORCHER® CTRs.

Available Preloaded EyeJet®:

- Standard Type 14, 14A, 14C
- Type 15, 15A, 15B
- Henderson Type 10C
- Zdral Type 20C
- Malyugin/Cionni Type 10G

Available Unloaded CTR*:

- Standard Type 14, 14A, 14C
- Henderson Type 10C
- Cionni Type 1L, 2C, 2L, 1G
- Ahmed Segment Type 6D, 6E

* Unloaded CTRs can be inserted manually or with a Geuder® Injector G-32955 - See page 13.

Indications

- Missing or damaged zonules
- Lens subluxation
- Pseudoexfoliation
- Myopia
- Zonulolysis
- Soft IOL
- Primary zonular weakness (e.g., Marfan's Syndrome)
- Secondary zonular weakness (e.g., trauma or vitrectomy)

Advantages

- Circular expansion of capsular bag
- Stable conditions during surgery
- Improves IOL centration
- Reduces risk of capsular fibrosis
- Resists capsular shrinkage
- Can be inserted through a ≤ 2.2 mm MICS incision

FCI EXCLUSIVE



Video ▶



CAPSULAR TENSION RINGS

MORCHER® EYEJET® TYPE 15 CTR

The enhanced design of the MORCHER® EyeJet® Type 15 CTR features a gentle bend of the leading eyelet that reduces risk of perforating the capsular bag. The eyelet's unique inward curve of the leading end provides a broad area of contact that allows the Type 15 CTR to glide more easily along the equator of the capsular bag.

Advantages

- Distributes the pressure to all zonular fibers and prevents one-sided pressure to single zonular fibers
- Safety element helps reduce the risk of:
 - Puncturing (or bulging) of the capsular bag
 - Cortex entrapment
 - Posterior capsule tear
 - Inducing iatrogenic zonular damage during insertion

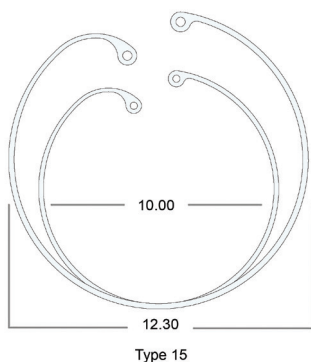
Available

- Preloaded on EyeJet® single use injector
- Right (clockwise) implantation only

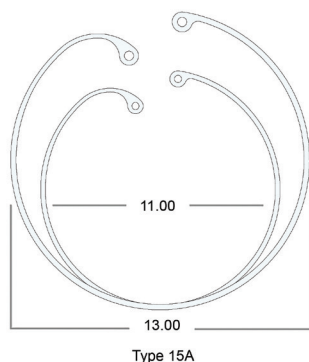
Features

- Same 3 diameters as Standard Type 14 CTRs
- Up to 4 clock hours (120°) of zonular damage
- Clear Polymethylmethacrylate (PMMA)
- Sterile

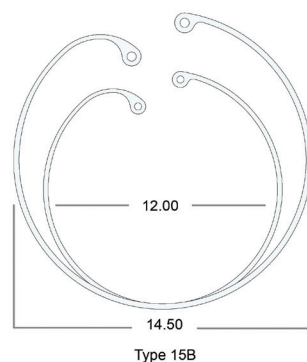
FCI EXCLUSIVE



AXIAL LENGTH <24 MM
FOR NORMAL EYES



AXIAL LENGTH 24-28 MM
FOR NORMAL OR MYOPIC EYES



AXIAL LENGTH <28 MM
FOR HIGHLY MYOPIC EYES

PRELOADED EYEJET®	TYPE	DIAMETER	PACKAGING
MR-15 Right	15	10 mm / 12.3 mm	Box of 1
MR-15A Right	15A	11 mm / 13.0 mm	Box of 1
MR-15B Right	15B	12 mm / 14.5 mm	Box of 1



MORCHER® EYEJET® TYPE 14 CTR

The original MORCHER® Type 14 CTR that has revolutionized complex cataract surgery. With a diameter larger than the capsular bag, the CTR's inherent centrifugal force expands the equator, reinforces the weak areas and distributes support evenly to the remaining zonules.

Advantages

- Maintains stretch and circular contour of the bag
- Distributes pressure to all zonular fibers and prevents one-sided pressure to single zonular fibers
- Stabilizes entire zonular apparatus
- May help prevent capsular phimosis
- Can reduce risk of intra-operative and post-operative complications
- Minimizes incidence of post-operative IOL decentration

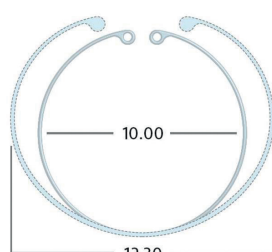
Available

- Preloaded on EyeJet® single use injector
- Right (clockwise) or left (counterclockwise) implantation
- Unloaded for manual insertion or for use with Geuder® Injector G-32955 - see page 13

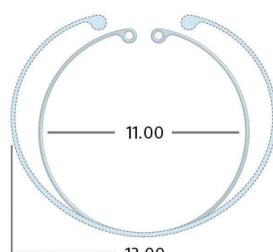
Features

- 3 standard diameters to accommodate variation in capsule size
- Up to 4 clock hours (120°) of zonular damage
- Clear PMMA
- Sterile

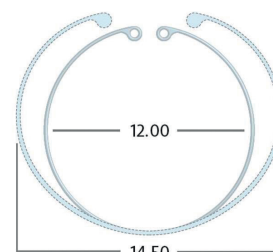
FCI EXCLUSIVE



TYPE 14
AXIAL LENGTH <28 MM
FOR NORMAL EYES



TYPE 14C
AXIAL LENGTH 24-28 MM
FOR NORMAL OR MYOPIC EYES



TYPE 14A
AXIAL LENGTH >28 MM
FOR HIGHLY MYOPIC EYES

UNLOADED CTR	TYPE	DIAMETER	PACKAGING
MR-1400	14	10 mm / 12.3 mm	Box of 1
MR-1410	14A	12 mm / 14.5 mm	Box of 1
MR-1420	14C	11 mm / 13.0 mm	Box of 1

PRELOADED EYEJET®	TYPE	DIAMETER	PACKAGING
MR-14 Right	14	10 mm / 12.3 mm	Box of 1
MR-14 Left	14	10 mm / 12.3 mm	Box of 1
MR-14A Right	14A	12 mm / 14.5 mm	Box of 1
MR-14A Left	14A	12 mm / 14.5 mm	Box of 1
MR-14C Right	14C	11 mm / 13.0 mm	Box of 1
MR-14C Left	14C	11 mm / 13.0 mm	Box of 1



CAPSULAR TENSION RINGS

MORCHER® HENDERSON TYPE 10C CTR

Designed by Bonnie Henderson, MD

This modified version of the MORCHER® Standard Type 14 CTR features eight equally-spaced indentations spanning the circumference of the ring. The ring's sinusoidal shape allows for easier nuclear and cortical material removal while maintaining the stretch of the capsular bag.

Advantages

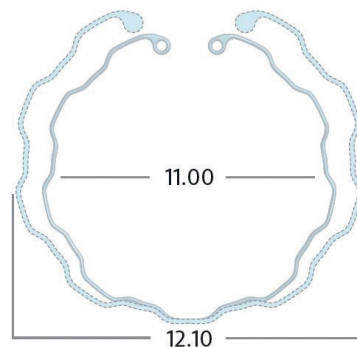
- Easier cortex removal
- Up to 4 clock hours (120°) of zonular damage
- Indentations may act as mechanical barriers to IOL rotation
- Helps stabilize position of Toric IOLs
- Fill space in bag, especially in high myopes

Available

- Preloaded on EyeJet® single use injector
- Right (clockwise) implantation only
- Unloaded for manual insertion or for use with Geuder® Injector G-32955 - see page 13

Features

- 11 diameter
- Clear PMMA
- Sterile



AXIAL LENGTH 27-28 MM

FCI EXCLUSIVE



UNLOADED CTR	TYPE	DIAMETER	PACKAGING
MR-10C	10C	11 mm / 12.1 mm	Box of 1

PRELOADED EYEJET®	TYPE	DIAMETER	PACKAGING
MR-10C Right	10C	11 mm / 12.1 mm	Box of 1

MORCHER® EYEJET® ZDRAL TYPE 20C CTR

Designed by John L. Zdral, MD

The MORCHER® EyeJet® Zdral Type 20C Capsular Tension Ring (CTR) is an innovative solution designed to enhance the rotational stability of TIOLs during and after cataract surgery to ensure optimal outcomes for cataract patients.

The wavelike design allows for nuclear and cortical removal while still maintaining the desired stretch of the capsular bag. The Zdral Type 20C is a modification of the standard CTR with a sinusoidal shape.

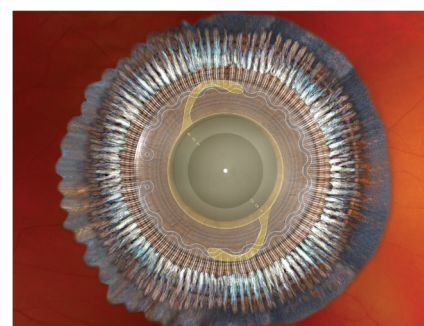
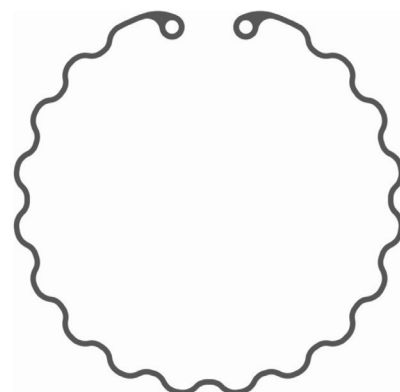
Advantages

- Expands and stabilizes the capsular bag
- Distributes the pressure to all zonular fibers and prevents one-sided pressure to single zonular fiber
- Reduces post-operative capsular bag shrinkage
- Facilitates centration of the IOL
- Facilitates safe cataract surgery in eyes with weak or partially absent zonules
- Eases cortical removal
- Eyelets at both ends to facilitate insertion

Features

- 17 indentations of 0.15 mm
- Designed to simplify the removal of the cortex tissue

FCI EXCLUSIVE



PRELOADED EYEJET®	TYPE	DIAMETER	ZONULAR DAMAGE	PACKAGING
MR-20C Right	20C	11 mm / 12 mm	>4 clock hours (120°)	Box of 1



Video

CAPSULAR TENSION RINGS

MORCHER® CIONNI RING

Designed by Robert J. Cionni, MD

MORCHER® Cionni Rings are CTRs which feature a central fixation eyelet to allow the entire ring to be sutured to the sclera. On a plane slightly anterior to the ring, suturing eyelets are positioned anterior to the capsule upon insertion. This configuration allows the ring to be sutured to the scleral wall without compromising the integrity of the capsular bag. Four configurations are offered to provide versatility in placement depending on the extent and area of missing or weak zonules.

Advantages

- Intra-operative support during phaco
- Progressive or advanced zonulopathy
- Fixation eyelet is positioned on a plane anterior to ring, outside of capsular bag and at area of zonular defect
- Secured to scleral wall with suture
- Capsular bag centration and long-term stabilization

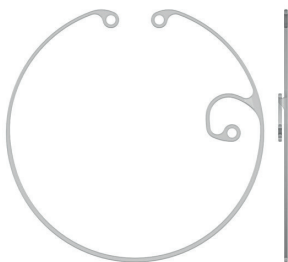
Available

- Unloaded for manual insertion
- 1G, 1L and 2C with one fixation eyelet
- 2C is the mirror image of 1L
- 2L with two fixation eyelets

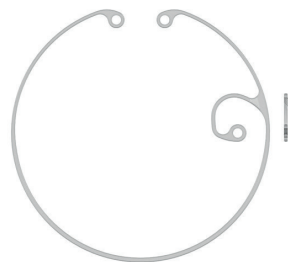
Features

- 2 diameters
- Use with 9-0 Polypropylene, non-absorbable suture - see page 13
- Clear PMMA
- Sterile

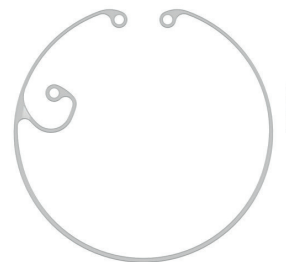
FCI EXCLUSIVE



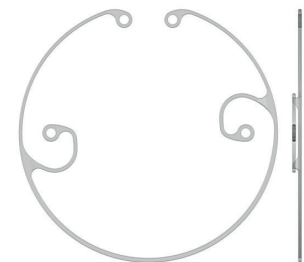
TYPE 1G 10 MM
COMPRESSED



TYPE 1L 11 MM
COMPRESSED



TYPE 2C 11 MM
COMPRESSED



TYPE 2L 11 MM
COMPRESSED

UNLOADED CTR	TYPE	DIAMETER	ZONULAR DAMAGE	ACCC*	PACKAGING
MR-1G	1G	10 mm / 12.2 mm	>4 clock hours (120°)	6.0 mm	Box of 1
MR-1L	1L	11 mm / 13.0 mm	>4 clock hours (120°)	7.0 mm	Box of 1
MR-2C	2C	11 mm / 13.0 mm	>4 clock hours (120°)	7.0 mm	Box of 1
MR-2L	2L	11 mm / 13.0 mm	>6 clock hours (180°)	7.0 mm	Box of 1

* Anterior Continuous Curvilinear Capsulorhexis

MORCHER® MALYUGIN/CIONNI TYPE 10G RING

The MORCHER® Malyugin/Cionni Ring is designed as an injector-friendly Cionni CTR by moving the fixation element to the tip of the CTR. It is the only Cionni Ring preloaded on the EyeJet®. The curved end allows the ring to slide easily along the equator of the capsular bag. The fixation eyelet is permanently sutured to the sclera. It is indicated for severe or traumatic zonular dehiscence or dialysis with pupil abnormalities when iris hooks and other CTRs cannot achieve capsular stability.

Advantages

- Reduces the risk of perforating the capsular fornix
- Centers subluxated lens
- Provides intra-operative support
- Provides capsular bag centration and long-term stabilization

Available

- Preloaded on EyeJet® single use injector
- Right (clockwise) implantation only

Features

- 1 diameter
- Use with 9-0 Polypropylene, non-absorbable suture - see page 13
- Clear PMMA
- Sterile

FCI EXCLUSIVE



PRELOADED EYEJET®	TYPE	DIAMETER	ZONULAR DAMAGE	ACCC*	PACKAGING
MR-10G Right	10G	11 mm / 13.0 mm	>4 clock hours (120°)	7.0 mm	Box of 1

* Anterior Continuous Curvilinear Capsulorhexis

CAPSULAR TENSION RINGS

MORCHER® AHMED SEGMENT

Designed by Ike Ahmed, MD

The Ahmed Capsular Tension Segment (CTS) for scleral fixation is indicated for patients with extensive and/or progressive zonular loss. The partial ring segment traces a 120° arc with a radius of 4.5 or 5.0 mm and an anteriorly positioned fixation eyelet. Unlike CTRs, the CTS can be used in cases where an anterior or posterior capsular tear or a discontinuous capsulorhexis is present, as it does not generate a 360° expansile force. Multiple segments can be used if necessary. The CTS provides support in the area of fixation. It has to be combined with a CTR when circumferential support is required. The CTS may also be used for intra-operative support and removed prior to completion of the surgery.

Advantages

- Atraumatic placement in the capsular bag
- No dialing technique needed
- Can be used with CTR
- More than one CTS can be used
- May be used intra-operative, secured by iris retractors - see page 15
- May be used as permanent support, sutured to the sclera

Available

- 2 diameters and lengths
- 2 curvature radii

Features

- Arc of 120°
- Anterior central eyelet
- Use with 9-0 Polypropylene, non-absorbable suture - see page 13
- Clear PMMA
- Sterile

FCI EXCLUSIVE



AHMED SEGMENT	TYPE	DIAMETER	LENGTH	ZONULAR DAMAGE	ACCC*	CURVATURE RADIUS	PACKAGING
MR-6D	6D	9.5 mm	9.61 mm	>4 clock hours (120°)	5.0 mm	4.5 mm	Box of 1
MR-6E	6E	10 mm	10.14 mm	>4 clock hours (120°)	5.0 mm	5.00 mm	Box of 1

* Anterior Continuous Curvilinear Capsulorhexis

MACKOOL™ HOOKS

Designed by Richard J. Mackool, MD

Surgeon-designed and trusted, Mackool™ capsule hooks provide the confidence you need to proceed safely in complex cataract cases when zonular integrity and capsular stability are compromised. New design: flat bottom container covered with a transparent, rotating, protective cover to prevent hooks from falling out.

Indications

- Intra-operative support of weak or damaged zonules
- Floppy iris syndrome
- Contracted pupils

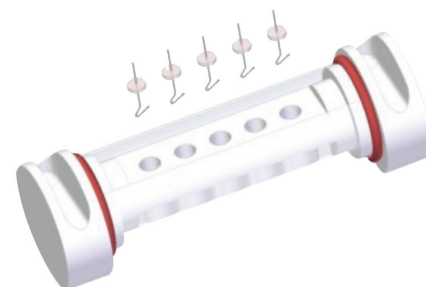
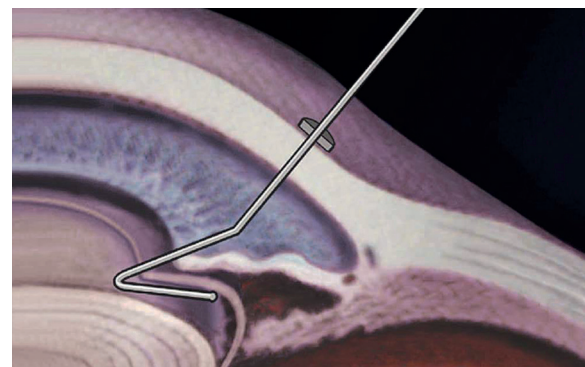
Advantages

- Easy insertion through limbal incision
- Simple removal through insertion incision or primary phaco incision
- Gentle contact points
- Longer than iris retractors, polished ends
- Direct and level capsular bag tension
- Helps prevent torqueing of bag during nucleus rotation
- Provide rotational stability and anterior-posterior support
- Helps delay placing CTR until cortex is removed
- Will not complicate cortical clean up

Features

- Flexible, nylon hooks
- 2 mm hook return
- 2 angulated regions, places distal end in a parallel plane to the capsule
- Adjustable silicone retainer tabs
- Sterile

FCI EXCLUSIVE



MACKOOL™ HOOKS		PACKAGING
S8.5151	Mackool™ Hooks	1 Set of 5 Hooks
S8.5155	Mackool™ Hooks	5 Sets of 5 Hooks

CATARACT ACCESSORIES

CATARACT ACCESSORIES

GEUDER® CTR INJECTOR

Designed for one-hand, clockwise implantation of MORCHER®:

- Standard Type 14 CTR
- Henderson Type 10C CTR
- Cionni Type 2C CTR

Features

- Lumen diameter 1.2 mm
- Non-sterile



Reusable	PACKAGING	
G-32955	CTR Injector	Box of 1

GEUDER® PUPIL DILATOR INJECTOR

Designed for one-hand, clockwise implantation of MORCHER® Pupil Dilator MR-5S.

Features

- Lumen diameter 1.7 mm
- Non-sterile



Reusable	PACKAGING	
G-32970	Pupil Dilator Injector	Box of 1

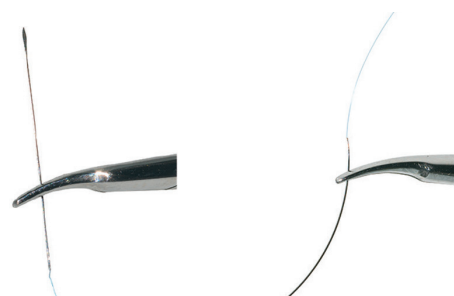
9-0 POLYPROPYLENE SUTURE

Particularly suitable for suturing Cionni Type CTR, Ahmed Segment or stabilizing an IOL, this suture has optimal handling properties.

- Smooth, uniform surface for effortless passage through soft tissue
- High tensile strength
- Secure knot holding

Features

- Non-absorbable
- Advanced micro spatula, double-armed needle
- Straight or curved needles
- Blue suture for enhanced visibility
- Sterile



Single use	NEEDLES	SUTURE	PACKAGING
P9009062	16 mm Straight/16 mm 90° Curved	30 cm	Box of 12
P90062	16 mm Straight/16 mm Straight	20 cm	Box of 12
P9006062	16 mm Straight/6.2 mm Curved	30 cm	Box of 12
P99062	16 mm Curved/16 mm Curved	30 cm	Box of 12

CATARACT ACCESSORIES

MORCHER® PUPIL DILATOR

A semicircular ring for expansion of the pupil during phacoemulsification. Inserted manually or with the Geuder® Pupil Dilator Injector - see page 13.

Features

- Clear PMMA
- Sterile

Single use	TYPE	DIAMETER	PACKAGING
MR-5S	5S	7.5 mm	Box of 1



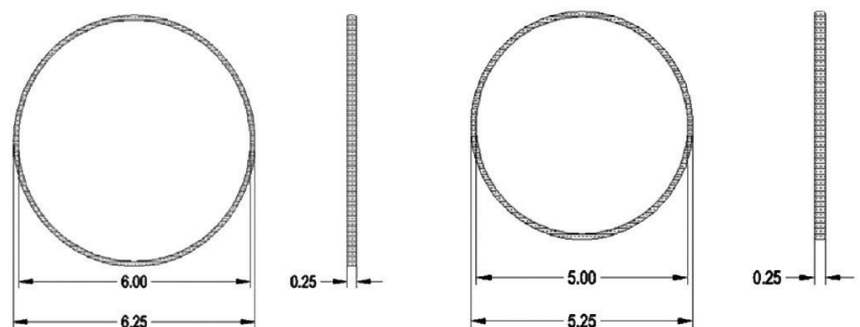
PUPIL SIZE: 5.0–6.0 mm / THICKNESS: 0.15–0.60/0.90 mm

RING CALIPERS

A temporary template to create a more precise anterior capsulorhexis.

Features

- Polyethelmethacrilate (PEMA)
- Sterile



Single use		INNER Ø	PACKAGING
RC-5	Ring Caliper	5 mm	Box of 1
RC-6	Ring Caliper	6 mm	Box of 1

CATARACT ACCESSORIES

IRIS RETRACTORS

Provide temporary mechanical dilation of the iris margin in cases of pupillary constriction, chronic miosis and other indications during cataract and retina surgery.

New design: flat bottom container covered with a transparent, rotating, protective cover to prevent retractors from falling out.

Advantages

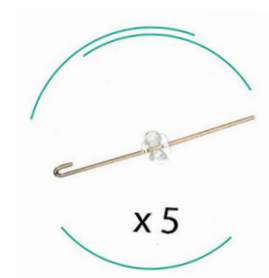
- Simple, fast and safe
- Retains iris for maximum visibility

Available

- Single use, gold nylon

Features

- Adjustable, silicone fixation stopper
- Sterile



Single use		MATERIAL	PACKAGING
S9.5015	Iris Retractors	5-0 Nylon	1 Set of 5
S9.5054	Iris Retractors	5-0 Nylon	5 Sets of 5

CONTACT FCI

Orders

orders@fci-ophthalmics.com

Telephone

800.932.4202

781.826.9060

Fax

781.826.9062

Information

info@fci-ophthalmics.com



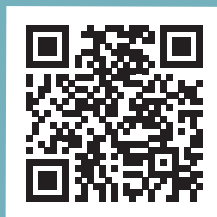
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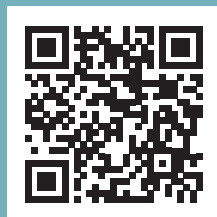
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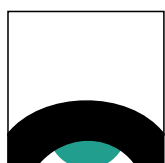
YOUTUBE



INSTAGRAM



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FCI Ophthalmics
30 Corporate Park Drive, Suite 310/320
Pembroke, MA 02359

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