MILTEX® OPHTHALMIC INSTRUMENTS

The MILTEX® name is synonymous with unparalleled quality and service to our customers and surgical instrumentation produced with the utmost attention to consistent detail.

The MILTEX® Ophthalmology product line includes both premium-grade German and American crafted stainless steel surgical instrumentation manufactured to exacting specifications. The surgical “feel” of our instruments, the outstanding cutting ability and the attention to delicate detail are just a few of the aspects that allow our products to outperform and stand out from the competition.

This catalog presents our comprehensive offering of instruments necessary to support the innovative surgical techniques and advances in the field of Ophthalmology. In addition to our Ophthalmic offering, Miltex provides instruments to meet a variety of clinical needs for other specialties including: Plastic Surgery, Dermatology, Otolaryngology, Microsurgery, Gynecology, General Surgery as well as several other markets.

General Information:
Photographs in this catalog are close to actual size except where otherwise noted. Many illustrations are enlarged to show detail.
Surgical instruments shown in this catalog are made of high quality surgical grade stainless steel, unless otherwise noted.
Illustrations and content provide general description only and may be subject to change.
Some products in this catalog may not be available for sale in the European Union.
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Specula
**BARRAQUER Wire Speculum**
18-35  1-3/4" (4.4 cm), large blades 14 mm
18-36  1-1/4" (3.2 cm), small blades 10 mm

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**BARRAQUER Wire Speculum, Solid Blades**
18-17  1-1/3" (3.3 cm), small blades 10 mm
18-18  1-1/2" (3.8 cm), large blades 15 mm

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**KRAZT-BARRAQUER Wire Speculum**
One solid and one open wire 15 mm blades
18-7    1-1/2" (3.8 cm), for left eye
18-8    1-1/2" (3.8 cm), for right eye

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**KRAZT-BARRAQUER Wire Speculum, with Wings**
Designed to retract lids up and away from the globe to help minimize external pressure.
18-9    1-1/2" (3.8 cm), 15 mm blades

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NOTE: All above instruments are Non-Magnetic
**Temporal Approach Wire Speculum**
with spring on nasal side

- **18-44** 1-1/2” (3.8 cm), open wire, 15 mm blades
- **18-45** 1-1/2” (3.8 cm), closed wire, 15 mm blades
- **18-46** 1-1/2” (3.8 cm), solid blades, 15 mm blades

**Infant Lid Speculum**
closed wire blades with gently curved springs

- **18-595** 1-1/3” (3.3 cm), 4 mm blades

**Plain Wire Eye Speculum**

- **18-34** 2-1/2” (6.4 cm), 15 mm blades

**FEASTER Wire Speculum, Extra Large Solid Blades**

- **18-40** 1-1/2” (3.8 cm), 20 mm blades

**NOTE:** All above instruments are Non-Magnetic
**McINTYRE Wire Speculum, V-Shaped Blades**  
Blade shape helps to position and hold surgical drape under the eyelids.  
18-16 2” (5.1 cm), closed wire, 13 mm blades  
18-596 2” (5.1 cm), open wire, 13 mm blades

**SAUER Eye Speculum, Solid Blades**  
18-47 1-1/4” (3.2 cm), for infants, 10 mm blades  
18-3 1” (2.5 cm), for premature infants, 2 mm blades

**MURDOCK Eye Speculum, Closed Wire Blades**  
18-50 2-1/4” (5.7 cm), 15 mm blades

**COOK Eye Speculum, Solid Blades**  
with bottom locking screw  
18-63 1-7/8” (4.7 cm), infant size, 9 mm blades  
18-64 1-7/8” (4.7 cm), child size, 11 mm blades

**NOTE:** All above instruments are Non-Magnetic
MELINGER Eye Speculum, Self Retaining
for optimized access with Phaco or I/A tip to the cataract incision.

18-66  2-3/4” (7 cm), solid 15 mm blades
18-68  2-3/4” (7 cm), fenestrated 15 mm blades

LANCASTER Eye Speculum, Solid Blades
with adjustable locking mechanism
18-2   3-1/4” (8.3 cm), 15 x 5 mm blades

KNAPP Eye Speculum
with adjustable locking mechanism
18-4   3-1/4” (8.3 cm), 15 x 6 mm blades

CASTROVIEJO Eye Speculum
with adjustable locking mechanism
18-10  4” (10.2 cm), large, 18 x 5 mm blades

NOTE: All above instruments are Non-Magnetic
CASTROVIEJO Eye Speculum
with adjustable locking mechanism
18-12  3-3/4” (9.5 cm), medium, 15 x 5 mm blades

WILLIAMS Eye Speculum
with adjustable locking mechanism
18-22  3-1/4” (8.3 cm), large, 15 x 5 mm blades

WILLIAMS Eye Speculum
with adjustable locking mechanism
18-24  2-3/4” (7 cm), small, 11 x 5 mm blades

LIEBERMAN Eye Speculum, Solid Blades
with adjustable locking mechanism
18-37  2-3/4” (7 cm), pediatric, infant & small children, 10 mm blades
18-38  2-3/4” (7 cm), standard size, 15 mm blades

NOTE: All above instruments are Non-Magnetic
LIEBERMAN Eye Speculum, Kratz Style Open Wire Blades
with adjustable locking mechanism
18-39  2-3/4” (7 cm), 15 mm blades

GUYTON-PARK Eye Speculum, with Suture Posts & Canthus Hook
vertical and horizontal positioning with adjustable locking mechanism
18-32  3-1/2” (8.9 cm), fenestrated 14 mm blades

MAUMENEE-PARK Eye Speculum, with Canthus Hook
vertical and horizontal positioning with adjustable locking mechanism
18-33  3-1/4” (8.3 cm), solid 14 mm blades

NOTE: All above instruments are Non-Magnetic
Retractors
Self Retaining
Finger Held
AGRICOLA Lacrimal Sac Retractor
with adjustable locking mechanism
18-80 1-1/2” (3.8 cm), 3 x 3 sharp prongs, 4 mm deep

MELLER Lacrimal Sac Retractor
with adjustable locking mechanism
18-84 2-7/8” (7.3 cm), 3 x 3 sharp prongs, 3 mm deep

GOLDSTEIN Lacrimal Sac Retractor
with adjustable locking mechanism
18-88 1-1/8” (2.8 cm), 3 x 3 sharp prongs, 5 mm deep

STEVENSON Lacrimal Sac Retractor
with adjustable locking mechanism
18-96 3-1/4” (8.3 cm), 3 x 3 sharp prongs, 3 mm deep

NOTE: All above instruments are Non-Magnetic
**RETRACTORS - FINGER HELD**

**DESMARRES Lid Retractor**
5-1/2” (14 cm)
- PM-4315*: size 0, 10 mm
- 18-110: size 1, 12 mm
- 18-112: size 2, 14 mm
- 18-114: size 3, 16 mm
- 18-116: size 4, 18 mm

**DESMARRES Lid Retractor, Insulated**
5-1/2” (14 cm)
- PM-4315IN*: size 0, 10 mm
- PM-4316IN*: size 1, 12 mm
- PM-4317IN*: size 2, 14 mm

**KAWAMOTO Double Ended Retractor, Insulated**
6” (15.2 cm)
- PM-4320*: 14 mm & 16 mm
- PM-4326*: 8 mm & 10 mm
- PM-4347*: 5 mm & 10 mm

**KASDAN Retractor, Double Ended**
6-1/4” (15.9 cm)
- PM-760*: 13 x 6.5 mm & 19 x 9.5 mm working ends
**ZAREM-BAYLIS Eyelid Retractor**
clear autoclavable plastic
PM-4329* 5-1/4" (13.3 cm), 13 mm wide

**CLODIUS Orbital Retractor, Double Ended**
often called a "Z-type Retractor"
PM-652* 6-1/4" (15.9 cm), 13 mm & 20 mm wide ends

**JAEGGER Lid Plate**
18-120 4-1/4" (10.8 cm), blades 20 mm & 23 mm
PM-5020* 4-1/4" (10.8 cm), blades 21 mm & 24 mm (not shown)

**FOMON Ball End Retractors, with blunt ball ends**
PM-5430* 6-1/4" (15.9 cm), single prong, with blunt ball end
PM-5435* 6-1/4" (15.9 cm), double prong 11 mm wide
PM-5381* 6-1/4" (15.9 cm), double prong 13 mm wide, round knurled handle
**Flexible Neck Rake & Lacrimal Sac Retractor**

6” (15.2 cm)
- 11-30 1 sharp prong
- 11-32 2 sharp prongs, 5 mm wide
- 11-34 3 sharp prongs, 8 mm wide
- 11-36 1 blunt prong
- 11-38 2 blunt prongs, 5 mm wide
- 11-40 3 blunt prongs, 8 mm wide

**KNAPP Lacrimal Sac Retractor, Flexible Neck**

11D-27 5” (12.7 cm), 3 sharp prongs

**KNAPP (ROLLET) Retractor**

18-100 5-1/4” (13.3 cm), 4 sharp prongs
18-102 5-1/4” (13.3 cm), 4 blunt prongs

**SCHEPENS Orbital Retractor**

18-250 6-1/8” (15.6 cm), slightly curved
McGANNON Retractor, fenestrated blade
18-439  5” (12.7 cm), 2.5 mm wide

ADAMSON Double Ended Hook & Retractor
PM-9056*  6-1/4” (15.9 cm), 7.5 x 5 mm retractor, 3 mm hook

WRIGHT Fascia Needle
2 mm wide tip, 1 x 6 mm oval eye
18-569  5-1/2” (14 cm)

Smith Corneal Protection Shields
PM-4311*  autoclavable, green, 21 mm diameter
PM-4312*  non-autoclavable, white, 21 mm diameter (not shown)

Laser Eye Shields
non-glare, autoclavable
PM-5010*  Laser Eye Shield only, 1” (25 mm) diameter
PM-5012*  Laser Eye Shield Kit: 2 Shields PM-5010, 1 Suction Handle PM-5015
PM-5015*  Spare Suction Handle for Laser Eye Shield fits PM-5010 & PM-5012
Knives & Foreign body Instruments
VON GRAEFE Cataract Knife
18-140  4-3/4" (12.1 cm), No. 1, 1.5 x 25 mm
18-142  4-3/4" (12.1 cm), No. 2, 1.7 x 27 mm
18-144  4-3/4" (12.1 cm), No. 3, 2 x 30 mm
18-146  5" (12.7 cm), No. 4, 2.3 x 33 mm
18-148  5" (12.7 cm), No. 5, 2.5 x 35 mm

18-140
18-142
18-144
18-146
18-148

Knapp Cataract Knife
18-154  4-1/2" (11.4 cm), 1 x 20 mm

18-154

WHEELER Dissection Knife
18-152  4-1/2" (11.4 cm), 1 x 18 mm

18-152

ZIEGLER Knife-Needle
18-259  4-1/4" (10.8 cm), size 0, 3 mm blade
18-260  4-1/4" (10.8 cm), size 1, 5 mm blade
18-262  4-1/2" (11.4 cm), size 2, 6 mm blade
18-264  4-1/2" (11.4 cm), size 3, 7 mm blade

18-259
18-260
18-262
18-264

Knapp Knife-Needle
18-270  4-1/2" (11.4 cm), 5 mm blade

18-270
**DEAN Knife-Needle**  
18-292  5” (12.7 cm), curved blade 1 x 7 mm

**BOWMAN Needle with Stop**  
18-308  4-3/4” (12.1 cm), straight blade 3 mm

**GILL Corneal Knife**  
slightly curved cutting edge  
18-330  4-3/4” (12.1 cm), 3.5 mm wide blade

**TOOKE Corneal Knife**  
18-350  4-1/2” (11.4 cm), 2.5 x 15 mm dissecting blade

**DESMARRES Corneal Dissector**  
18-331  4-3/4” (12.1 cm), 3 x 8 mm blade
WALTER Corneal Spud
4-5/8” (11.8 cm)
18-302  straight blade 4 mm
18-304  curved blade 4 mm

VON GRAEFE (BECKER) Cystotome
malleable shaft, right angle blade
18-314  4-3/4” (12.1 cm), 1 mm blade

WILDER Cystotome
angled blade
18-320  4-3/4” (12.1 cm), 3 mm edge

BARKAN Goniotomy Knife
18-344  4-1/2” (11.4 cm), 2.5 mm blade

DAVIS Foreign Body Spud
18-372  4-3/4” (12.1 cm), 0.8 mm blade
**DIX Foreign Body Spud**  
**18-374** 4-3/4" (12.1 cm), 1.7 x 15 mm blade

**ELLIS Foreign Body Spud**  
**18-380** 4-1/2" (11.4 cm), 1.2 mm blade, curved

**ALVIS Foreign Body Spud**  
oval curette  
**18-384** 4-3/4" (12.1 cm), 1 x 3 mm with fine point

**HOSFORD Foreign Body Spud**  
Gouge Blade 1 x 7 mm rounded tip, 4-1/2" (11.4 cm)  
**18-388** angled to right  
**18-390** angled to left

**Golf Club Foreign Body Spud**  
angled and lightly rounded tip  
**18-301** 4-1/2" (11.4 cm)
DIX Foreign Body Needle & Spud
protected in sliding handle
18-400  3-3/4” (9.5 cm) closed length

DIX Foreign Body Needle & Spud
protected in reversible screw handle
18-402  4-1/2” (11.4 cm) closed length

DIX Foreign Body Needle
replacement, fits 18-402 screw handle
18-402A

DIX Foreign Body Spud
replacement, fits 18-402 screw handle
18-402B

DIX Foreign Body Needle & Gouge
protected in reversible screw handle
18-404  4-1/2” (11.4 cm) closed length

Foreign Body Needle
18-370  4-3/4” (12.1 cm), 2 x 5 mm blade
WALTON Foreign Body Gouge
18-376  4-1/2” (11.4 cm), grooved, rounded end

Eye Magnet & Foreign Body Loop
magnet probe and plastic wire loop
working ends are reversible to fit inside
the pencil-shaped handle; provided
with protective carrying case
18-398  4” (10.2 cm) closed length

Eye Magnet & Foreign Body Loop
with adjustable magnifier attached,
magnet probe and loop working ends are
reversible and fit inside the plastic handle;
provided with protective carrying case
18-398M  5” (12.7 cm) closed length

MILTEX® Eye Magnet
a powerful magnetic cylinder with round
and pointed interchangeable tips; provided
in a velvet lined steel carrying case
18-399  3-1/4” (8.4 cm) magnet length
Curettes & Spatulas
MEYERHOEFER Chalazion Curette
round cup, 5" (12.7 cm)
18-498 size 00, 1.0 mm
18-499 size 0, 1.5 mm
18-500 size 1, 1.7 mm
18-502 size 2, 2.0 mm
18-504 size 3, 2.5 mm
18-506 size 4, 3.5 mm

HEBRA Chalazion Curette
oval cup, 5" (12.7 cm)
18-510 1.0 x 1.7 mm
18-512 2.0 x 3.3 mm
18-514 2.5 x 4.0 mm

SKEELE Chalazion Curette
round cup, serrated edge, 5" (12.7 cm)
18-520 1.0 mm
18-522 2.0 mm
18-524 2.5 mm

HEATH Chalazion Curette
one sharp and one blunt edge, 4" (10.2 cm)
18-530 size 0, 0.5 mm
18-532 size 1, 1.0 mm
18-534 size 2, 2.0 mm
18-536 size 3, 3.0 mm
CASTROVIEJO Spatula
double ended, sterling, 3.5 mm wide angled and 2 mm wide slightly curved
18-564   5-1/2” (14 cm)

GREEN Spatula
double ended, 4 x 14 mm, and 5 x 16 mm curved working ends
18-570   6” (15.2 cm)

SMITH-FISHER Iris Spatula
double ended, sterling, one flat end 2 mm wide, one spoon end 2 mm, curved working ends
18-566   5” (12.7 cm)

WECKER Iris Spatula
sterling blade 2 x 30 mm
18-584   5” (12.7 cm)

FISHER Spoon & Needle
curved spoon end 7 x 15 mm, needle 33 mm long
18-568   5-1/2” (14 cm)
**LINDNER Cyclodialysis Spoon & Spatula**
double ended, curved, malleable spatula
end is graduated in 6 mm increments
18-562 5-1/2" (14 cm)

**CASTROVIEJO Cyclodialysis Spatula**
double ended, 5-1/4" (13.3 cm)
18-573A blades 10 mm & 15 mm, 0.75 mm wide
18-574 blades 10 mm & 15 mm, 0.5 mm wide

**CASTROVIEJO Cyclodialysis Spatula**
blade 1 x 10 mm
18-576 5-1/4" (13.3 cm)

**KRITZINGER-UPDEGRAFF LASIK Flap Elevator & Manipulator**
for LASIK Flap; elevator cuts the epithelium and manipulator lifts flap
during LASIK procedure
18-2028 5" (12.7 cm)

**SLADE LASIK Retreatment Spatula**
for lifting the flap and separating the epithelium
4-3/4" (12.1 cm), with semi-sharp edges
18-593 1.0 mm wide tip, smooth
18-594 1.3 mm wide tip, with serrations
MACHAT LASIK Retreatment Spatula
angulated tip helps to separate and break epithelial bond, spatula aids lifting flap and separating epithelium
18-597  5” (12.7 cm)

HERZIG LASIK Elevator & Retreatment Spatula
18-592  5” (12.7 cm)

JAFFE Lens Spatula
flat, 0.5 mm wide
18-586  4-3/4” (12.1 cm)

HIRSCHMAN Lens Spatula
flat, 0.5 mm wide with multiple notches
18-585  4-3/4” (12.1 cm)

OBSTBAUM Synechiae Spatula
0.25 mm wide with semi-sharp tip
18-590  5” (12.7 cm)
**GIRARD Synechiae Spatula**
0.5 mm wide with semi-sharp tip
18-591 4-1/2” (11.4cm)

**KOCH Nucleus Spatula**
gently curved duckbill shaped tip, smooth
18-587 4-1/2” (11.4 cm)

**LIPPMAN Nucleus Spatula**
0.5 mm diameter round shaft with blunt forked tip
18-588 4-1/2” (11.4 cm)

**NAGAHARA Nucleus Spatula**
flat inferior edge
18-589 4-1/2” (11.4 cm)
Nucleus Instruments
&
IOL Manipulators
**ROSEN Phaco Splitter**
Wedge shaped inferior edge with blunt tip

- **ROSEN Phaco Splitter**
  60° angled wedge shaped inferior edge with blunt tip
  - **18-2014**  4-1/2” (11.4 cm)

- **ROSEN Phaco Splitter**
  - **18-2015**  4-1/2” (11.4 cm)

**ROWEN Phaco Splitter Combo**
Rosen Phaco Splitter with wedge shaped inferior edge and blunt tip, Bechert Nucleus Rotator with blunt forked tip angled at 7 mm

- **ROWEN Phaco Splitter Combo**
  - **18-2013**  5” (12.7 cm)

**KOCH Phaco Manipulator & Splitter**
Thin and smooth spatula to push, rotate, lift and split nucleus

- **KOCH Phaco Manipulator & Splitter**
  - **18-2029**  4-1/2” (11.4 cm), 0.8 mm tip

**NAGAHARA Phaco Chopper**
60° 1.5 mm cutting edge

- **NAGAHARA Phaco Chopper**
  - **18-2018**  4-1/2” (11.4 cm)
**NAGAHARA Phaco Chopper**
90° 1.5 mm cutting edge
*18-2019*  4-1/2” (11.4 cm)

**CHANG DUO Quick Chopper, Left**
*18-2017*  5-1/2” (14 cm)

**BECHERT Nucleus Rotator**
blunt forked tip angled at 7 mm
*18-2007*  4-1/2” (11.4 cm)

**JAEFF-BECHERT Nucleus Rotator**
blunt forked tip angled at 9 mm
*18-2008*  4-1/2” (11.4 cm)

**CLAYMAN Nucleus Rotator**
0.5 mm wide flat spatula with V-notched tip
*18-2009*  4-3/4” (12.1 cm)
PISACANO Nucleus Rotator
flat disc shaped tip, horizontal
18-2010  4-1/2” (11.4 cm)

PISACANO Nucleus Rotator
flat disc shaped tip, vertical
18-2011  4-1/2” (11.4 cm)

TENNANT Nucleus Rotator
0.6 mm diameter ball tip, angled
18-2012  4-3/4” (12.1 cm)

ANIS Ball Tip Nucleus Manipulator
0.5 mm diameter ball tip, straight
18-2021  4-1/2” (11.4 cm)

ANIS Ball Tip Nucleus Manipulator
0.5 mm diameter ball tip, angled
18-2022  4-1/2” (11.4 cm)
DRYSDALE Nucleus Manipulator
paddle shaped tip
18-2023 4-1/2” (11.4 cm)

SIEPSER Endocapsular Controller
trumpet shaped tip
18-2020 4-1/2” (11.4 cm)

KANSAS Nucleus Bisector
for manual surgery with small incision to divide nucleus into 2 pieces
18-2003 4-1/2” (11.4 cm)

Contact Miltex® Customer Service at 866-854-8300 for more information and trial samples of our Miltex® Instrument Care and Cleaning Products. Refer to pages 136-137 for more detailed product information.
**KANSAS Nucleus Trisector**
4 mm wide, for manual surgery with small incision to divide nucleus into 3 pieces, recommended use with 18-2002
KANSAS Nucleus Vectis (see below)
18-2006 4" (10.2 cm)

**BUCHER-KANSAS Nucleus Trisector**
2.5 mm wide, for manual surgery with small incision to divide nucleus into 3 pieces, recommended use with 18-2002
KANSAS Nucleus Vectis or 18-2031
ALFONSO Cutting Platform (see below)
18-2005 4-1/4" (10.8 cm)

**ALFONSO Nucleus Trisector**
1.5 mm wide, for manual surgery with small incision to divide nucleus into 3 pieces, recommended use with 18-2002
KANSAS Nucleus Vectis or 18-2030
ALFONSO Cutting Platform (see below)
18-2004 4-1/4" (10.8 cm)

**KANSAS Nucleus Vectis**
3.0 mm wide solid blade used as a cutting block for nucleus bisector and trisector
18-2002 4-1/2" (11.4 cm)

**ALFONSO Cutting Platform**
used as a cutting block for nucleus trisector during manual small incision surgery
18-2030 5" (12.7 cm), 2 mm wide, used with 18-2004
18-2031 5" (12.7 cm), 3 mm wide, used with 18-2005
18-2030
18-2031 (not shown)
HUNKELER IOL Manipulator
0.3 mm diameter hemi-ball tip
18-2024  5" (12.7 cm)

LESTER IOL Manipulator
0.25 mm diameter tip, straight with guard, for multi-directional IOL manipulation
18-2025  4-3/4" (12.1 cm)
18-2033  Replacement guard/cap

LESTER IOL Manipulator
0.25 mm diameter tip, angled, for multi-directional IOL manipulation
18-2026  4-3/4" (12.1 cm)

MALONEY IOL Manipulator
0.25 mm diameter tip, vaulted shank with guard
18-2027  4-3/4" (12.1 cm)
18-2033  Replacement guard/cap
CLAYMAN-JAFFE Lens Manipulating Hook
0.15 mm diameter blunt tip, angled
18-455 4-1/2” (11.4 cm)

JAFFE Lens Manipulating Hook
0.15 mm diameter blunt tip, straight
18-456 4-1/2” (11.4 cm)

FENZL Lens Manipulating Hook
0.15 mm diameter tip
18-457 4-3/4” (12.1 cm), straight with guard
18-458 4-3/4” (12.1 cm), angled
18-2033 Replacement guard/cap

SINSKEY Lens Manipulating Hook
0.25 mm diameter blunt tip
18-463 4-1/2” (11.4 cm), straight with guard
18-464 4-1/2” (11.4 cm), angled
18-2033 Replacement guard/cap

SINSKEY II Lens Manipulating Hook
0.20 mm diameter blunt tip
18-465 4-1/2” (11.4 cm), straight, with guard
18-466 4-1/2” (11.4 cm), angled
18-2033 Replacement guard/cap
MALTZMAN-FENZL Lens Manipulating Hook
0.15 mm diameter tip
18-459 4-3/4” (12.1 cm), straight with guard
18-460 4-3/4” (12.1 cm), angled
18-2033 Replacement guard/cap

OSHER Y-Hook Lens Manipulator
18-461 4-3/4” (12.1 cm), straight with guard
18-2033 Replacement guard/cap

RENTSCH "Boat Hook" Lens Manipulator
multi-purpose instrument for iris/capsule retraction and/or lens manipulation
18-462 4-3/4” (12.1 cm), straight with guard
18-2033 Replacement guard/cap

KUGLEN Iris Hook & Lens Manipulator
push-pull pattern
18-467 4-1/2” (11.4 cm), straight with guard
18-468 4-1/2” (11.4 cm), angled
18-2033 Replacement guard/cap

SHEPARD Iris Hook
1.0 mm wide tip
18-421 4-3/4” (12.1 cm), blunt
**H O O K S**

**KNOLLE Iris Hook**
- 0.8 mm wide tip
- **18-470** 4-3/4” (12.1 cm), small, blunt

**HIRSCHMAN Iris Hook**
- **18-469** 4-1/2” (11.4 cm), blunt, angled

**WIENER Corneal Hook**
- **18-418** 5” (12.7 cm), sharp
- **18-420** 5” (12.7 cm), blunt

**OSHER Utility Hook**
- multi-purpose IOL Hook for retrieving dislocated IOLs, working IOL out of eye during explanation and performing iris tuck reduction with anterior chamber IOLs
- **18-417** 4-1/2” (11.4 cm), angled tip

**GUTHRIE Fixation Hook**
- sharp double prongs, 1.5 mm wide
- **18-416** 5” (12.7 cm)
**TYRELL Hook**
- 18-412 5" (12.7 cm), sharp
- 18-414 5" (12.7 cm), blunt

**O’CONNOR Hook**
- 18-424 4-3/4" (12.1 cm), sharp

**NUGENT Hook**
- 18-428 4-3/4" (12.1 cm), right angle, sharp

**McGANNON Hook & Retractor**
- 2.5 mm wide
- 18-439 5" (12.7 cm), fenestrated blade

**STEVENS Tenotomy Hook**
- 5 mm deep
- 18-440 5" (12.7 cm), right angle
**GREEN Strabismus Hook**

18-442  5” (12.7 cm), 9 mm deep

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**JAMESON Strabismus Hook**

18-446  5” (12.7 cm), 10 mm deep

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**VON GRAEFE Strabismus Hook**

18-450  5-1/2” (14 cm)

18-450 small, 8 mm long

18-452 medium, 10 mm long

18-454 large, 11 mm long

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**KIRBY Muscle Hook & Expressor, Double Ended**

18-613  6” (15.2 cm)

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**MILTEX Hook**

2 mm diameter

21-152  4-3/4” (12.1 cm), sharp

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**SELTZER Hook**

33-121  4-1/2” (11.4 cm), sharp
**GASS Retinal Detachment Hook**
18-2127  5-3/4" (14.6 cm), with oval hole

**THORTON Globe Fixation Ring**
16 mm diameter ring, multiple blunt atraumatic teeth, for refractive surgery procedures
18-121  4" (10.2 cm)

**HOFMANN-THORTON Globe Fixation Ring**
16 mm diameter ring, with swivel handle, multiple blunt atraumatic teeth, for refractive surgery procedures
18-122  4-1/4" (10.8 cm)

**FINE-THORTON Swivel Fixation Ring**
13 mm diameter ring for clear cornea incisions, with swivel handle, multiple blunt teeth, marks in 15° increments for guide and placement of limbal relaxing incisions
18-123  4-1/4" (10.8 cm)

**FINE-THORTON Swivel Fixation Ring**
16 mm diameter ring for scleral tunnel incisions, with swivel handle, multiple blunt teeth, marks in 15° increments for guide and placement of limbal relaxing incisions
18-124  4-1/4" (10.8 cm)
Loops & Spoons
LOOPS & SPOONS

LEWIS Lens Loop
5-1/4” (13.3 cm)
18-480  serrated loop, 5.5 x 8 mm
18-482  smooth loop, 5.5 x 8 mm

WILDER Lens Loop
5-1/4” (13.3 cm)
18-484  serrated loop, 4 x 15 mm
18-486  smooth loop, 4 x 15 mm

FISHER Spoon and Needle
curved spoon end 7 x 15 mm,
needle 33 mm long
18-568  5-1/2” (14 cm)

DAVIEL Lens Spoon
18-472  5” (12.7 cm), 3 mm wide

BUNG Evisceration Spoon
5-1/2” (14 cm)
18-540  small, 8 mm cup
18-542  large, 11 mm cup

WELLS Enucleation Scoop
18-550  6” (15.2 cm), 21 mm cup
Forceps