FINE HUB

OPHTHALMICS



OPHTHALMIC SURGICAL INSTRUMENTS



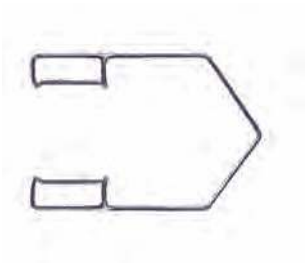


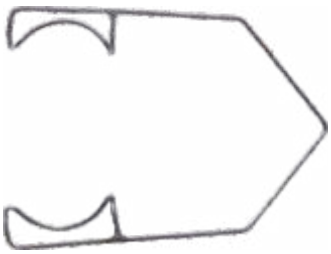


www.finehubophthalmic.com

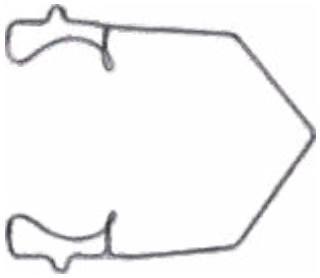
Speculums

Barraquer
Wire Speculum
F1-1000 standard wire, 10mm blades
F1-1001 extra heavy wire, 15mm blades
F1-1002 heavy wire, 15mm blades
F1-1003 standard wire, 15mm blades
F1-1004 infant size, 9mm blades


F1-1004

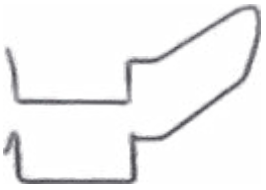

F1-1003

Grandon-Barraquer
Wire Speculum
with suture notches
Used to obtain additional traction
for the upper eyelid.
F1-1005 15mm blades



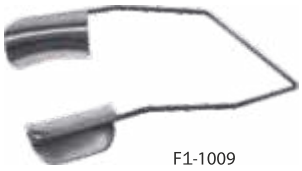
Temporal Approach Wire Speculum
with spring on nasal side
F1-1006 15mm closed blades
F1-1007 15mm open blades
F1-1008 15mm solid blades





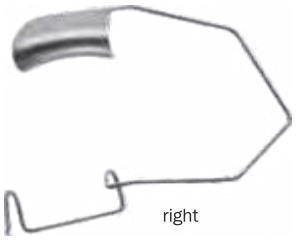


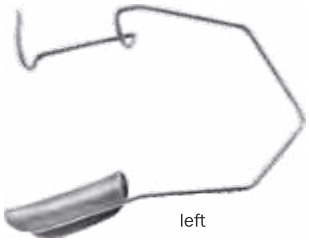
Solid Blade
Wire Speculum
F1-1009 **Barraquer**, 10mm blades
F1-1010 **Barraquer**, 15mm blades
F1-1011 **Feaster**, 20mm blades (not shown)


F1-1009


F1-1010

Kratz-Barraquer
Wire Speculum
15mm blades
one solid and one open wire
F1-1012 for right eye
F1-1013 for left eye


right

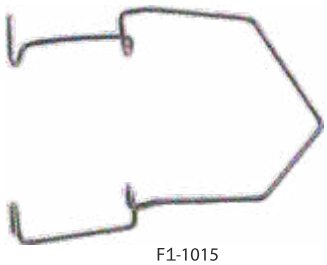

left

Speculums

Kratz-Barraquer

Wire Speculum
with open blades
For unobstructed access to the cataract incision with phaco or I/A tip.

F1-1014 heavy wire, 15mm blades (notshown)
F1-1015 standard wire, 15mm blades
F1-1016 standard wire, 13mm blades



F1-1015

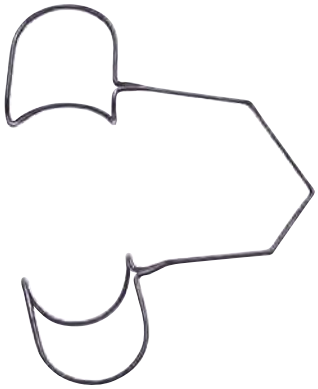


F1-1016

Kratz-Barraquer

Wire Speculum
with wings
For retracting the lids up and away from the globe to eliminate external pressure.

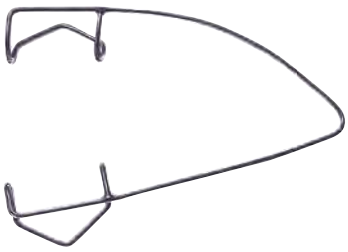
F1-1017 15mm blades

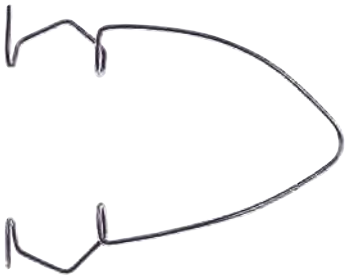


McIntyre

Wire Speculum
gently curved springs
V-shaped blades are designed to retain surgical drape under the eyelids.

F1-1018 closed wire, 13mm blades
F1-1019 open wire, 13mm blades

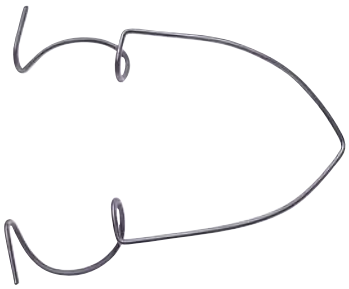




Nevyas

Wire Speculum
Designed to retain surgical drape under the eyelids while allowing unobstructed access to the cataract incision with phaco or I/A tip.

F1-1020 16mm blades



Speculums

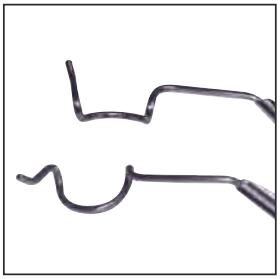
Lieberman Style, aspirating

adjustable mechanism
Features aspirating ports to remove excess fluid from the surgical field.
Supplied with silicone tubing and luer-lock adaptor.

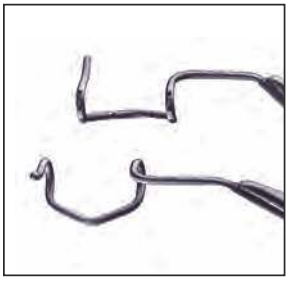
F1-1021 **Lieberman**, Kratz style, 15mm blades
F1-1022 **Thorlakson**, rounded, 11mm blades
F1-1023 **Lieberman**, V-shaped, 15mm blades
F1-1024 **Chu**, solid, reversible, 15mm blades
F1-1025 replacement silicone tubing, 100cm (39”)



F1-1021



F1-1022



F1-1023



F1-1024

Sauer

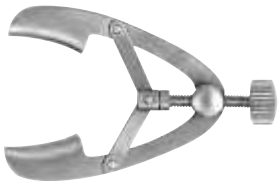
Lid Speculum
F1-1026 for infants, 11mm blades
F1-1027 for premature infants, 2mm blades





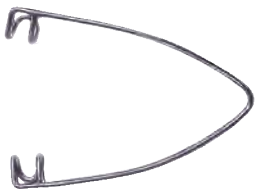
Frankel

Infant Lid Speculum
adjustable
For precise control of infant eyelid retraction.
F1-1028 10mm blades



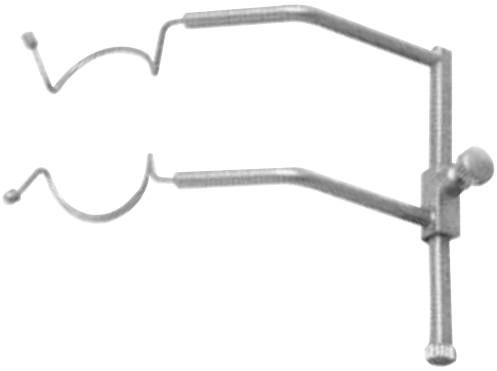
Infant

Lid Speculum
closed wire blades gently curved spring
F1-1029 4mm blades



Speculums

Femto
Lid Speculum
flat 15mm wire blades
with locking screw
F1-1030



Cook
Eye Speculum
with locking screw
F1-1031 #1, 8mm blades
F1-1032 #2, 11mm blades
F1-1033 #3, 15mm blades (not shown)





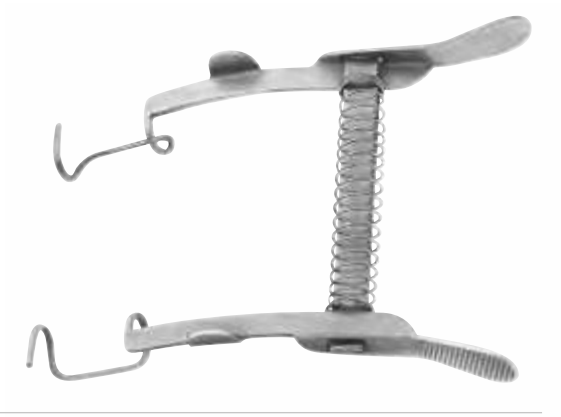
Murdoch
Eye Speculum
with locking screw
F1-1034 #2, 12mm blades
F1-1035 #3, 15mm blades





Speculums

Mellinger
Eye Speculum
self retaining
For unobstructed access to the cataract incision with phaco or I/A tip.
F1-1036 15mm blades



Williams
Eye Speculum
with locking screw
F1-1037 11mm blades
F1-1038 15mm blades



Lancaster
Eye Speculum adjustable
mechanism with locking nut
F1-1039 16mm blades

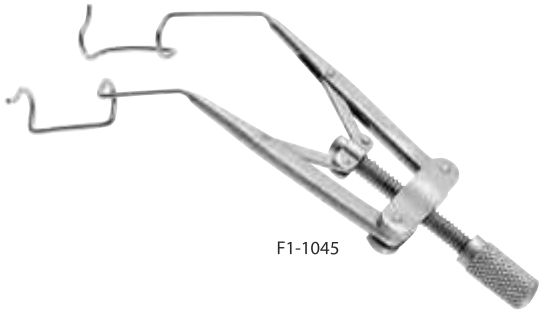


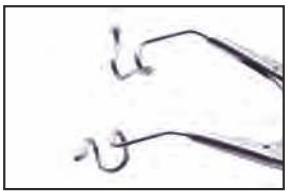
Lester-Burch
Eye Speculum
with flanges on blades for
retaining eye lashes
adjustable mechanism
with locking screw
F1-1040



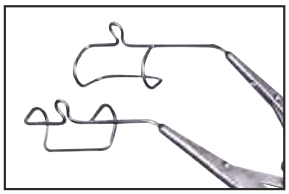
Lieberman Speculums

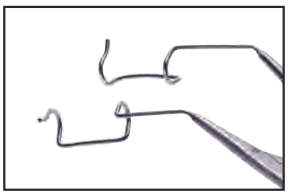
F1-1041 **Lieberman**, infant K-wire, 5mm
F1-1042 **Lieberman**, infantsolid blade, 5mm
F1-1043 **Tanna-Lieberman**, 15mm blades with traction suture anchor posts
F1-1044 **Lieberman**, K-wire, 10mm blades, small
F1-1045 **Lieberman**, K-wire, 15mm blades, standard
F1-1046 **Seltzer** flattened K-wire, 15mm blades
F1-1047 **Thorlakson**, rounded, 11mm blades
F1-1048 **Lieberman**, triple post, 13mm blades
F1-1049 **Lieberman**, V-shaped, 15mm blades
F1-1050 **Lieberman**, solid blades, 10mm blades (*not shown*)
F1-1051 **Lieberman**, solid blades, 15mm blades
F1-1052 **Ginsberg**, flared upper blades, fenestrated lower blades, 15mm blades

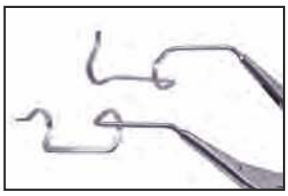

F1-1045

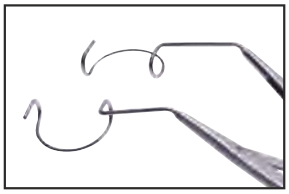

F1-1041

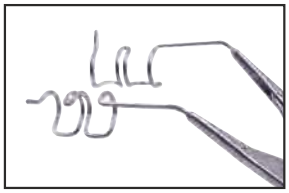

F1-1042

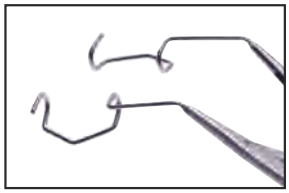

F1-1043


F1-1044

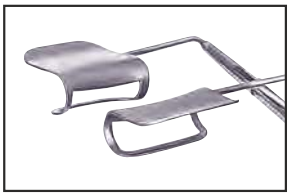

F1-1046


F1-1047


F1-1048


F1-1049


F1-1051

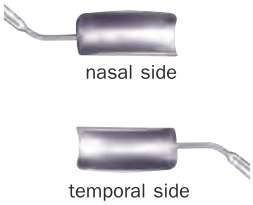

F1-1052

Speculums

Reversible

Eye Speculum adjustable mechanism non-reflective finish *Designed for nasal or temporal placement.*

F1-1053 15mm blades





Lieberman

Temporal Approach Speculum
Kratz style open wire blades
adjustable mechanism on nasal side

F1-1054 15mm blades



Lieberman

Temporal Approach Speculum
V-wire blades
adjustable mechanism on nasal side

F1-1055 15mm blades



Castroviejo

Eye Speculum adjustable mechanism

F1-1056 14mm blades
F1-1057 16mm blades


F1-1065

Fishkind

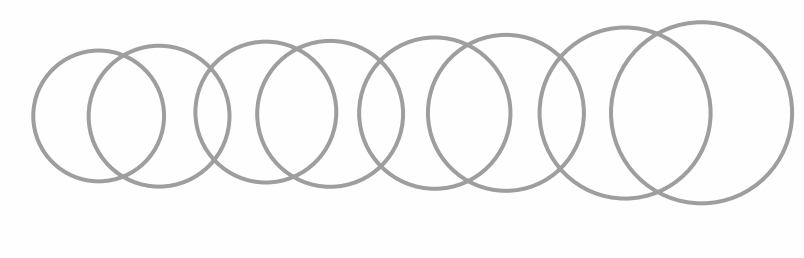
Eye Speculum
open blades
adjustable mechanism
For use with phaco or I/A tip.

F1-1058 15mm blades



Fixation Rings

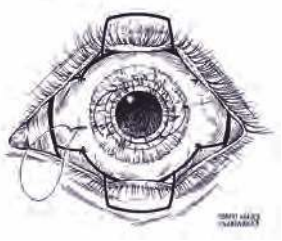
Flieringa
Scleral Fixation Ring
F1-1059 set of eight, 15mm-22mm
F1-1060 14mm diameter
F1-1061 15mm diameter
F1-1062 16mm diameter
F1-1063 17mm diameter
F1-1064 18mm diameter
F1-1065 19mm diameter
F1-1066 20mm diameter
F1-1067 21mm diameter
F1-1068 22mm diameter



Fixation Rings

McNeill-Goldman Scleral
Fixation Ring
and Blepharostat
F1-1069 small, 15mm I.D.
F1-1070 medium, 16mm I.D.
F1-1071 large, 17mm I.D.





Depressors

Gass
Scleral Marker
1.5mm diameter marking tip
F1-1072



Schepens
Scleral Depressor
7mm wide tip
F1-1073 small thimble
F1-1074 medium thimble
F1-1075 large thimble



Depressors

Schocket
Scleral Depressor
double-end with
pocket clip
F1-1076



Retractors

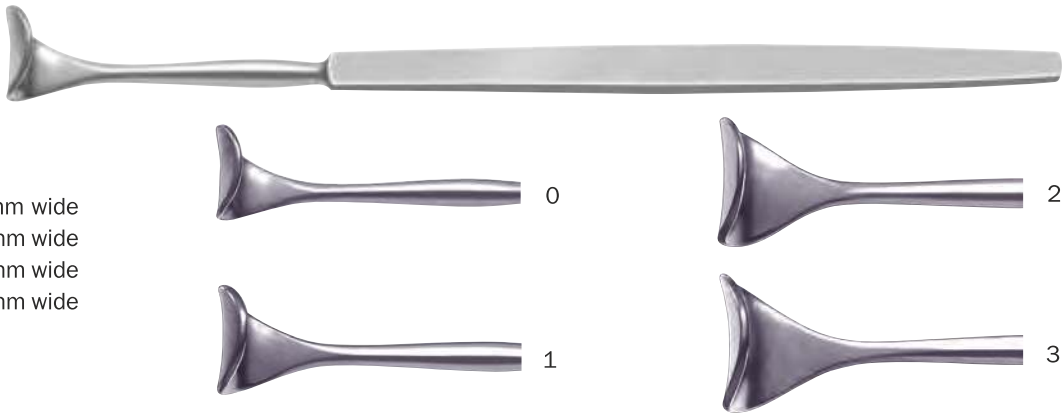
Schepens
Orbital Retractor
F1-1077



Jaffe
Wire Lid Retractor
may be clamped to surgical drape with
suture or elastic band
F1-1078 pair, 15mm blades
F1-1079 pair, 9mm blades (not shown)



Desmarres
Lid Retractor
thin solid blades
F1-1080 size 0, 11mm wide
F1-1081 size 1, 13mm wide
F1-1082 size 2, 15mm wide
F1-1083 size 3, 17mm wide



Scleral Shield
stainless steel
non-reflective exterior surface
To protect the eye during blepharoplasty
and skin resurfacing procedures.
F1-1084 1 small, 1 large (set)
F1-1085 20 x 28mm, small (pair)
F1-1086 22 x 30mm, large (pair)



Jaeger
Lid Plate
clear plastic
F1-1087



Retractors

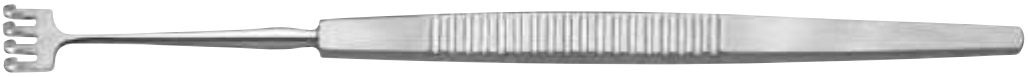
Jaeger
Lid Plate
stainless steel
F1-1088



Wright
Fascia Needle
1mm x 6mm oval hole
140mm long
F1-1089



Knapp
Lacrimal Retractor
4 prongs
F1-1090 blunt
F1-1091 sharp



Walton
Conjunctiva Retractor
6mm wide
thin solid blade
F1-1092



Helveston
Tissue Retractor
thin curved blade
F1-1093 "Barbie" 7mm wide
F1-1094 "Big Barbie" 9mm wide
F1-1095 "Great Big Barbie" 11mm wide concave blade



F1-1096



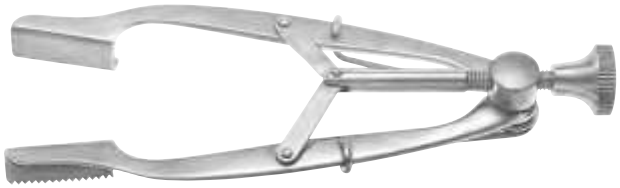
F1-1098

Stevenson
Lacrimal Sac Retractor
3 x 3 blunt prongs, adjustable
F1-1096

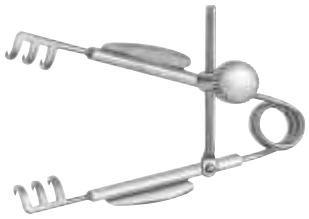


Retractors

Stevenson
Lacrimal Sac Retractor
solid blades with serrated edge
adjustable
F1-1097 13mm blades



Agricola
Lacrimal Sac Retractor
3 x 3 sharp prongs
F1-1098

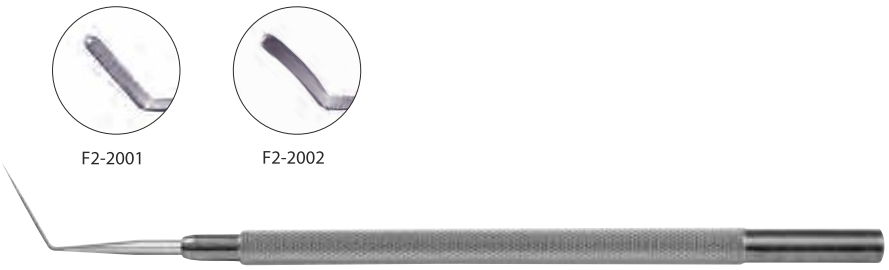


Knives

Tooke
Corneal Knife
straight blade
with curved cutting edge
F2-2000



Corneal Dissector
For intrastromal dissection.
F2-2001 angled, straight blade
F2-2002 angled, curved blade



Gill
Corneal Knife
curved cutting edge
F2-2003 straight
F2-2004 light curve



Fukasaku
"Hockey" Knife
sharp 3mm front edge
semi-sharp 6mm bottom edge
F2-2005



Spuds • Burrs

Foreign Body Spud

F2-2006 **Golf Club,** angled, lightly rounded tip
F2-2007 **Francis,** angled, flag shaped tip
F2-2008 **Ellis,** lightly curved and rounded tip


F2-2006

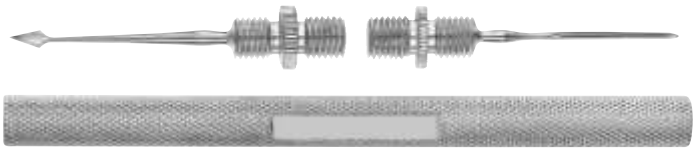

F2-2007


F2-2008



Spud & Gouge

in reversible handle
For removing foreign bodies.
F2-2009



Wills Eye Hospital

Foreign Body Spud & Burr delicate curved spud on one end and small burr for rust ring removal on opposite end
F2-2010



Burrs

Algerbrush II

F2-2011 Corneal Rust Ring Remover with protective cap, "AA" battery and two burrs
F2-2012 chuck for K2-4900
F2-2013 burr, 0.5mm
F2-2014 burr, 1.0mm



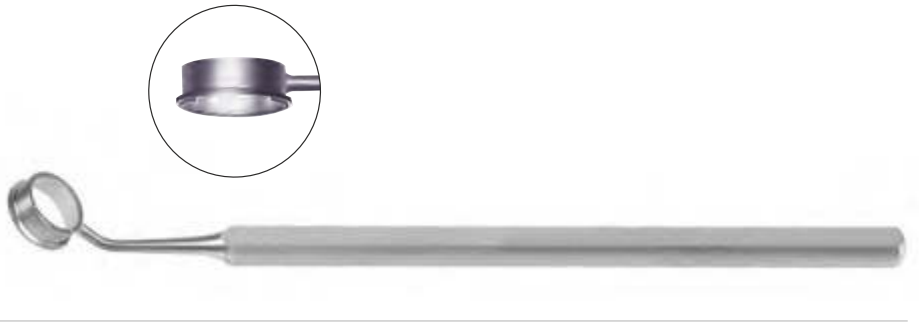
Pterygium Burr

F2-2015 Pterygium Burr with protective cap, "AA" battery and 3.5mm burr
F2-2016 replacement burr and chuck assembly for F2-2015



Diamond Knives • LASEK Trephines

Camellin Style
LASEK Trephine
270° semi-sharp edge 90°
cutout for flap hinge
F2-2051 8mm diameter
F2-2052 9mm diameter



Camellin Style
LASEK Trephine & Alcohol
Retaining Well
F2-2053 8mm trephine
and 8.5mm well
F2-2054 9mm trephine
and 9.5mm well

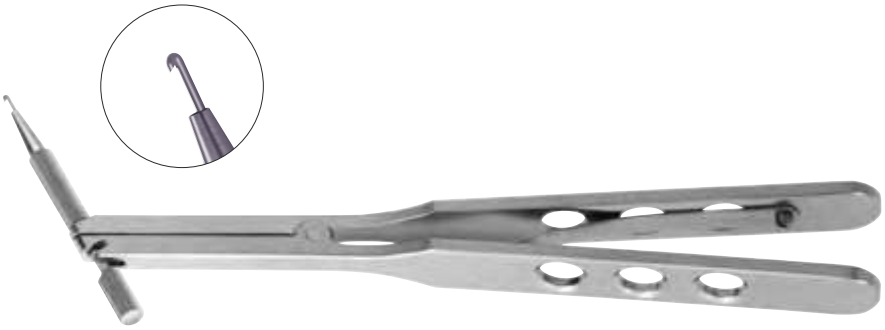


Trabeculectomy Punches

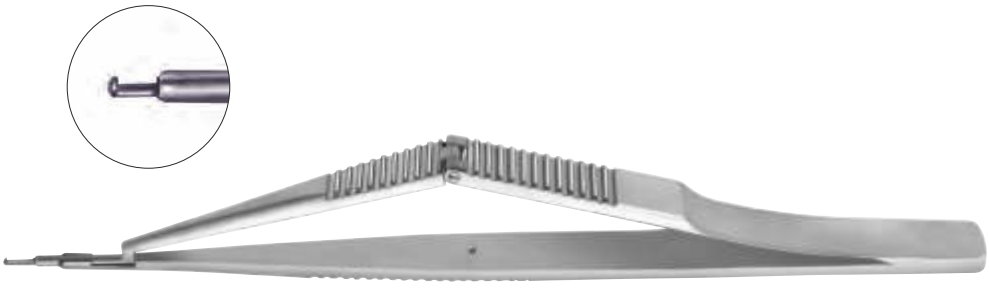
Gass
Corneoscleral Punch
1.5mm diameter head
0.75mm deep bite
rotatable tip for convenient positioning
F2-2055



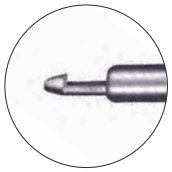
Luntz-Dodick
Trabeculectomy Punch
1.0mm diameter head
with bullet shaped tip
for scleral tunnel insertion 0.5mm
deep bite
Cutting head can be preset
in one of 4 positions to suit
the surgeon's preference.
F2-2056 complete
F2-2057 replacement cutting head



Kelly
Descemet's Membrane Punch
1.0mm diameter head
0.75mm deep bite
F2-2058



Trabeculectomy Punches



Fukasaku
Micro Trabeculectomy Punch
0.6mm diameter head
with bullet shaped tip
0.3mm x 0.6mm deep bite
F2-2059

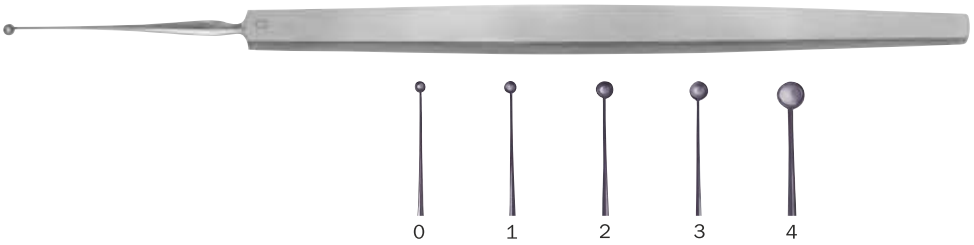




Christensen
Punctum Punch
1mm wide bite
For opening stenotic punctums.
F2-2060

Curettes

Meyerhoefer
Chalazion Curette
F3-3000 size 0, 1.5mm dia.
F3-3001 size 1, 1.75mm dia.
F3-3002 size 2, 2.25mm dia.
F3-3003 size 3, 2.5mm dia.
F3-3004 size 4, 3.5mm dia.



Capsule
Polishing Curette
1.75mm diameter open ring
F3-3005 Nightingale , semi-sharp, posterior edge
F3-3006 **Shepherd** , semi-sharp anterior and posterior edges





Scorsetti-Shepherd
Capsule Polisher
1.75mm diameter open ring
tip angled 90°
semi-sharp anterior and posterior edges
F3-3007





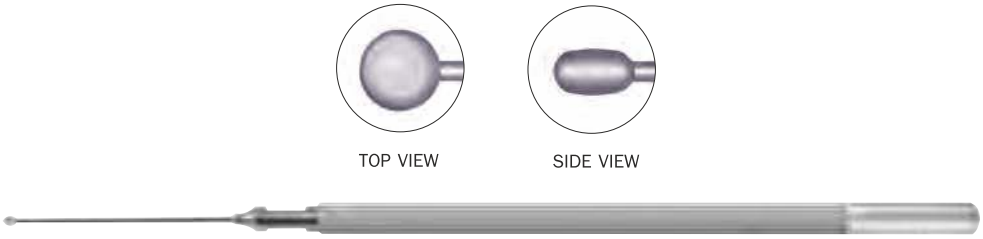
Anis
Capsule Scrubber
flexible wire
textured disc
F3-3008





LASIK Flap Protectors

Blumenthal
Conjunctiva Dissector
with blunt disc shaped tip
F3-3009



Buratto
LASIK Flap Protector
For retracting and protecting nasally hinged corneal flaps.
F3-3010



Mannis-Buratto
LASIK Flap Protector
blades angled 45°
For retracting and protecting superiorly hinged corneal flaps.
F3-3011



LASEK Spatulas

Sloane
LASEK Micro Hoe
semi-circular tip with
beveled edge
For lifting the precut margin of the epithelial flap.
F3-3012



Sloane
LASEK Epi Peeler
semi-sharp edges
For peeling and folding back the epithelial flap.
F3-3013



Sloane
LASEK Micro Hoe &
Epi Peeler
F3-3014



Sloane
LASEK Flap Repositor
gently curved spatulated tip
with beveled smooth edges
For repositing and smoothing the epithelial flap after laser ablation.
F3-3015



Spatulas

DALK
Corneal Dissector

F3-3016 12mm long, flattened, vaulted spatula with beveled tip

F3-3017 **Rosenwasser DALK Trisector**
with triangular shaft and spatulated tip

F3-3018 **Bonfadini DALK Spatula**
1mm wide, 8mm long, flattened spatula with central groove for bisecting stroma

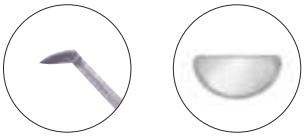

F3-3016


F3-3017


F3-3018



Rootman-Goldich
DMEK Dissector
semi-circular tip
with beveled edge
For atraumatic donor preparation during DMEK procedures.
F3-3019





Culler
Iris Spatula
F3-3020 1mm wide
F3-3021 2mm wide





Spatulas • Choppers

Wheeler
Double-End Spatula
lightly curved
F3-3022



Barraquer
Iris Spatula
round, smooth
F3-3023 0.5mm diameter
F3-3024 0.25mm diameter



Iris Spatula
2mm wide x 8mm long
0.2mm thick
F3-3025





Spatulas • Choppers

Gimbel
Nucleus Spatula
round, smooth
angled 30° at
10mm from the tip
0.25mm diameter
F3-3026



Alio-Scimitar
MICS Phaco Pre-chopper
curved with blunt tip and
sharp inferior edge
For bimanual nucleus pre-chopping.
F3-3027



Choppers

Phaco Chopper
ball tip
0.7mm inferior wedge
F3-3028



Nagahara
Phaco Chopper
rounded, blunt tip
0.9mm inferior wedge
F3-3029 (shown)
F3-3030 short handle, 100mm



Anis
Phaco Chopper
rounded, blunt, olive tip
offset inferior wedge
F3-3031 for use in right hand
F3-3032 for use in left hand



Chang-Seibel
Phaco Chopper
a combination chopper with the
Chang MicroFinger and the
Seibel Vertical Safety Chopper
F3-3033 for use in right hand
F3-3034 for use in left hand







Spatulas • Nucleus Manipulators

Milder
Phaco Chopper
60° offset inferior wedge
for horizontal chopping and
a beveled distal tip for
vertical chopping
F3-3035 for use in left hand



Milder
Phaco Chopper, double-end
60° offset inferior wedge for
horizontal chopping and a beveled
distal tip for vertical chopping.
A 12mm long spatula with a
disc-shaped tip is on the opposite end.
F3-3036 for use in the right hand
F3-3037 for use in the left hand



Escaf
Nucleus Manipulator
flattened olive-shaped tip
angled at 45°
F3-3038



Knolle
Nucleus Spatula
malleable stainless steel, flat
0.5mm wide
F3-3039



Nucleus Manipulators



Koch-Nagahara
Karate Chopper
60° offset 1mm cutting wedge
for horizontal chopping and
pointed tip for vertical chopping.
A gently curved duckbill shaped
spatula is on the opposite end.
F3-3040 for use in right hand
F3-3041 for use in left hand

Nucleus Manipulators

Koch
Nucleus Spatula
gently curved duckbill
shaped tip
F3-3042 smooth
F3-3043 with notches



Akahoshi
Nucleus Sustainer
Designed to provide counterpressure when used with the Akahoshi PreChopper.
F3-3044



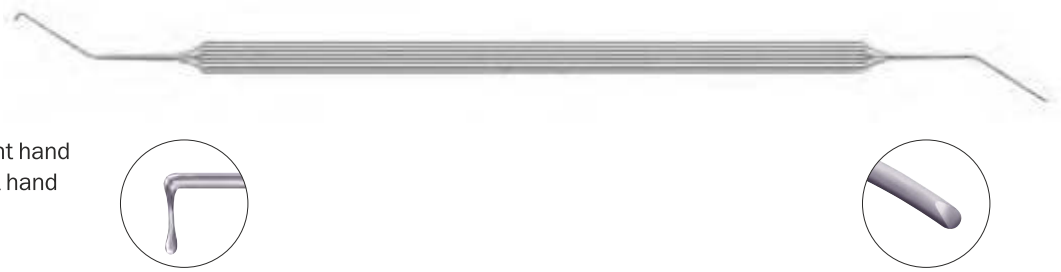
Escaf
Nucleus Sustainer
smooth ball tip
textured inferior surface
F3-3045



Lieberman
MicroFinger
Nucleus Manipulator
F3-3046 for use in right hand
F3-3047 for use in left hand



Lieberman
MicroFinger and Spatula
F3-3048 for use in right hand
F3-3049 for use in left hand



Fukasaku-Lieberman
Phaco Spatula
a combination of the
small pupil snapper hook
and the MicroFinger
F3-3050 for use in right hand
F3-3051 for use in left hand



Nucleus Choppers

Masket
Phaco Spatula
a combination of the Rosen Phaco Splitter and a 12mm long round spatula with disc shaped tip
F3-3052



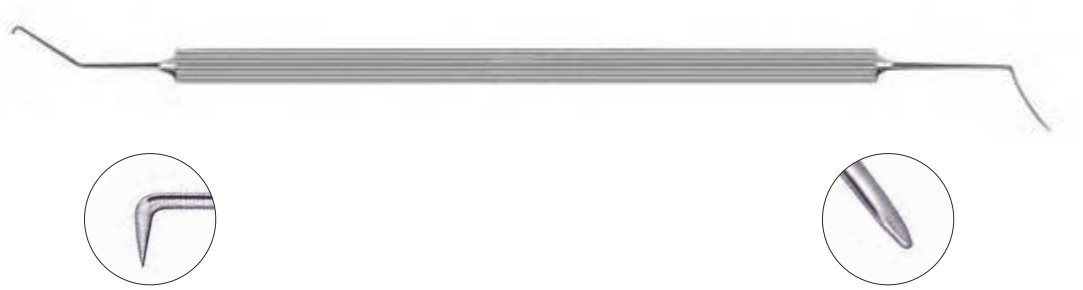
Chang
Phaco Chopper
a combination of a modified MicroFinger and a 0.9mm long "Quick Chop" tip
F3-3053 for use in right hand
F3-3054 for use in left hand



Minardi
Phaco Chopper
0.7mm long
"Quick Chop" tip
F3-3055



Hwang
Phaco Chopper
1mm long
vertical chopper
and a chisel
tipped spatula
F3-3056



Agarwal
Karate Phaco Chopper
semi-sharp, wedge shaped inferior edge with a pointed tip
F3-3057



Chang
MicroFinger Chopper
curved finger shaped tip
With defined inner edge for horizontal chopping.
F3-3058



Nucleus Choppers

Warren
Canine Phaco Chopper
a combination of a 3.5mm long MicroFinger and a 2mm long pointed “Quick Chop” tip
For veterinary use only.
F3-3059



Brierley
Nucleus Splitter
1.0mm long tip, angled with incision sealing shaft
F3-3060



Dodick-Kammann
Nucleus Chopper
For bimanual nucleus division.
F3-3061 1.5mm long tip,straight
F3-3061 1.5mm long tip,angled
F3-3062 2mm long tip, straight
F3-3064 2mm long tip, angled



Koch
Nucleus Chopper
1.6mm long with blunted tip
With rounded surfaces designed for safely splitting and dividing a very soft nucleus.
F3-3065



Escaf
Nucleus Divider
1.25mm long wedge shaped tip *For vertical chopping.*
F3-3066



Neuhann
Nucleus Divider
strongly curved spatulated tip
F3-3067

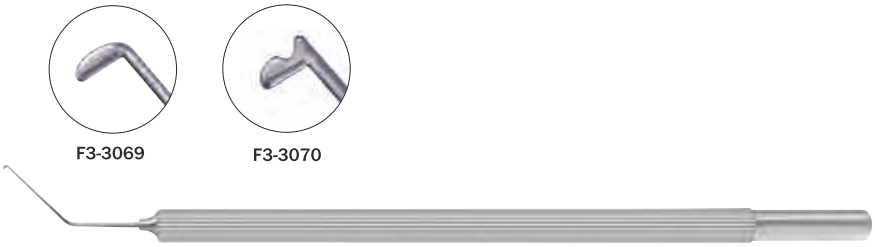


Nucleus Choppers • Manipulators

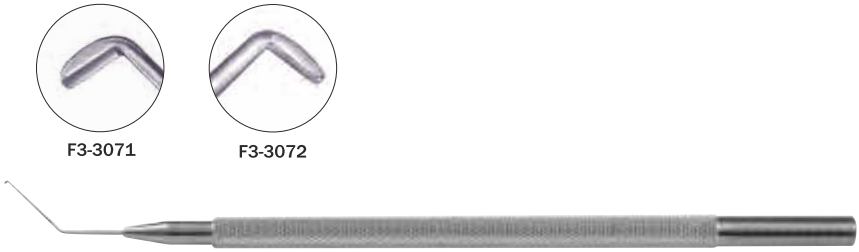
Nagahara
Nucleus Spatula
flat inferior edge
F3-3068



Fukasaku
wedge shaped inferior edge
F3-3069 Snapper Hook
F3-3070 Small Pupil
Snapper Hook with notch to engage the iris



Rosen
Phaco Splitter
wedge-shaped inferior edge
blunt tip
F3-3071 inline wedge, standard
F3-3072 60° offset wedge, for use in left hand



Rowen
Phaco Spatula
a combination of the Rosen Phaco Splitter and the Bechert Nucleus Rotator
F3-3073



Nucleus Manipulators

Bechert
Nucleus Rotator
blunt forked tip
F3-3074 angled at 7mm
F3-3075 angled at 9mm (not shown)
F3-3076 short handle





F3-3075



F3-3076

Clayman
Nucleus Rotator
0.5mm wide flat spatula
with V-notched tip
F3-3077





Grayson
Nucleus Manipulator
flattened, smoothly polished
1.1mm long
with “tear-drop” shaped tip
F3-3078





Drysdale
Nucleus Manipulator
paddle shaped tip
F3-3079 rounded edges
F3-3080 defined anterior edge
for capsule polishing

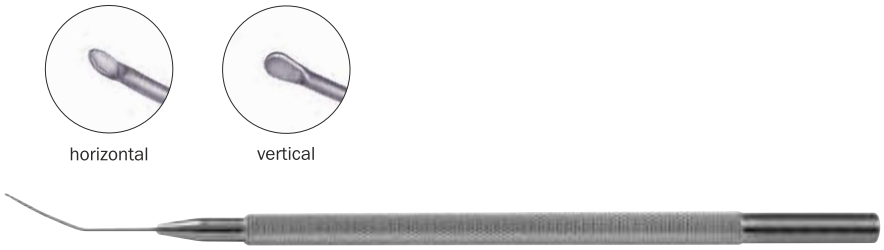


F3-3079

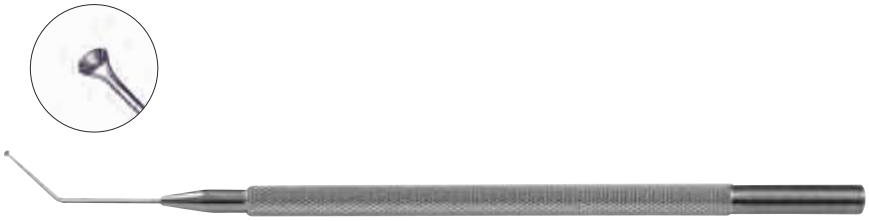


Spatulas

Pisacano
Nucleus Rotator
flat disc shaped tip
horizontal **F3-3081**
F3-3082 vertical



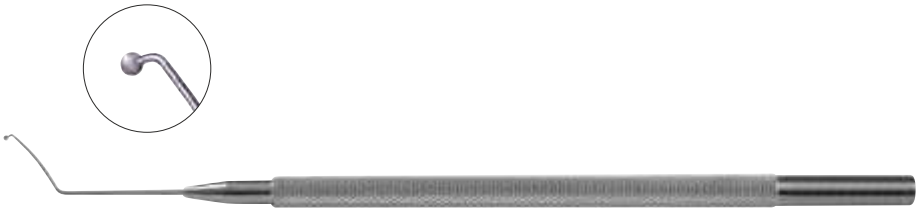
Siepser
Endocapsular Controller
trumpet shaped tip
F3-3083



Anis
Nucleus Manipulator
with 0.5mm diameter ball tip
F3-3084 straight
F3-3085 straight, titanium
F3-3086 angled (shown)
F3-3087 angled, titanium



Tennant
Nucleus Rotator
with 0.6mm diameter
ball shaped tip
F3-3088

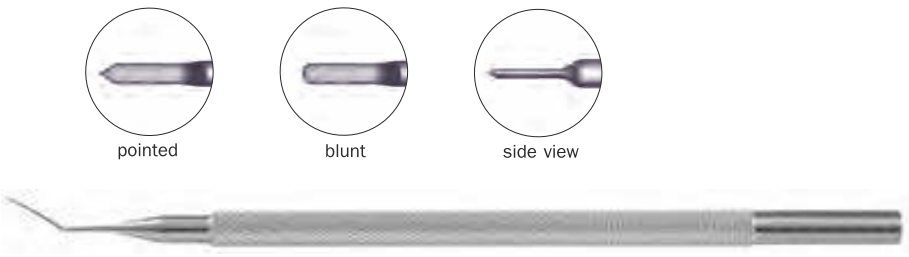


Femto Spatulas

Lippman
Nucleus Spatula
0.5mm diameter round
shaft with blunt forked tip
F3-3089



Donnenfeld
Femto Spatula
1mm long x 0.3mm wide
flattened tip
F3-3090 pointed
F3-3091 blunt

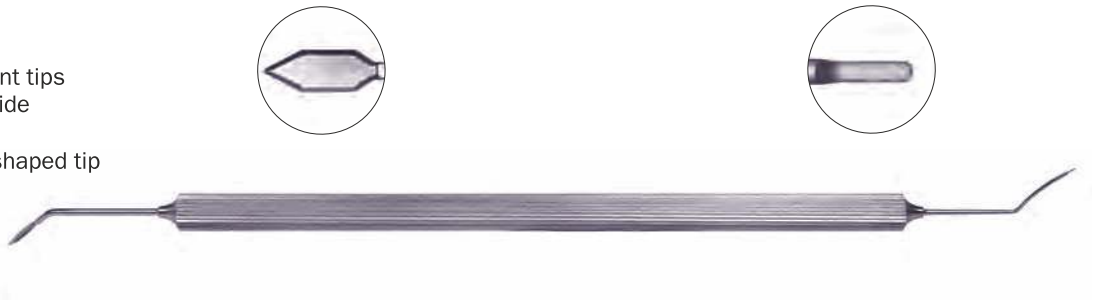


Femto Spatulas

Donnenfeld
Femto Splitter
paracentral curve in shaft
F3-3092 right (shown)
F3-3093 left



Femto Spatula
double-ended with blunt tips
1mm long x 0.3mm wide
flattened spatula and
2mm wide keratome-shaped tip
F3-3094



Spatulas

Girard
Synechiae Spatula
0.5mm wide with
semi-sharp tip
F3-3095



Obstbaum
Synechiae Spatula
0.25mm wide with
semi-sharp tip
F3-3096



Benedetto
IntraLase® Spatula
10mm long, smoothly
polished flattened spatula
with beveled notches
F3-3097



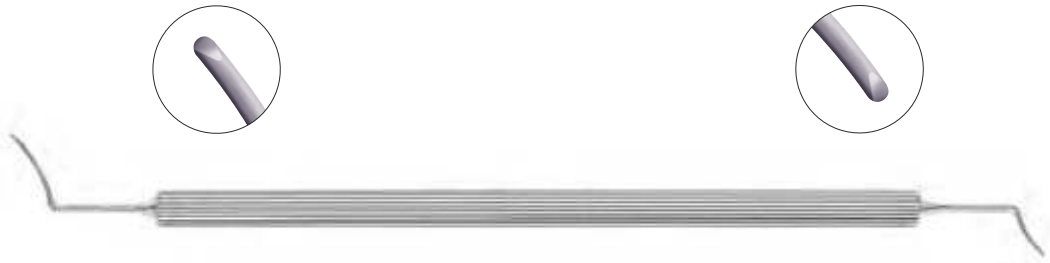
Moran
LASIK Enhancement Spatula
Fukasaku spatula
and a modified Paton
spatula
F3-3098



LASIK Spatulas

Hersh

IntraLase® Flap Spatula
beveled tips
a combination of a
6mm spatula and
a 10mm spatula
F3-3099



Binder

IntraLase® Flap Elevator
1mm wide
12mm long
semi-sharp edges
F3-3100



Fukasaku

LASIK Spatula
rounded anterior and
flat posterior surface
with beveled tip
For lifting and dissecting the corneal flap.
F3-3101



Guimaraes

LASIK Spatula
gently curved, bi-convex
semi-sharp edges
F3-3102



Katzen

LASIK Flap "Unzipper"
combines a modified
Sinskey Hook and
a bi-convex spatula with
beveled notches
For LASIK enhancements.
F3-3103



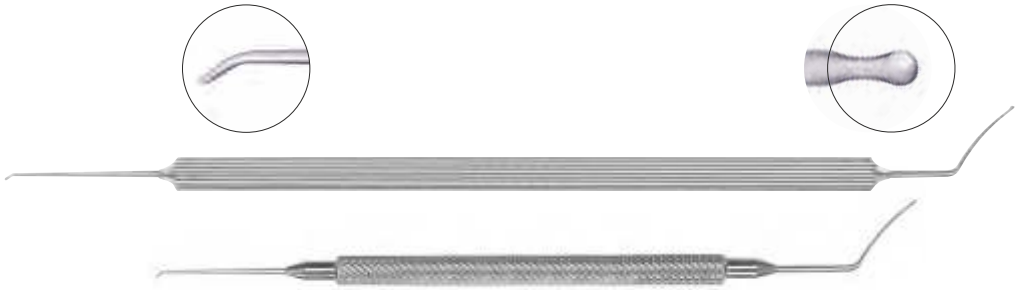
Maddox

LASIK Spatula
combines a flat spatula and
a cylindrical spatula
For elevating and repositing the flap.
F3-3104

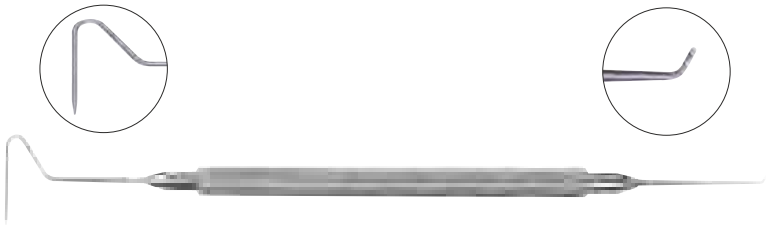


LASIK Spatulas

Thorlakson
Z-LASIK™ Flap Lifter
combines a modified
Sinskey Hook
and a bi-convex spatula
with beveled notches
F3-3105 long handle
F3-3106 short handle



LASIK Flap Lifter
Combines a 45° angled
Sinskey Hook
and a thin hook with
a conical tip
F3-3107
F3-3108T titanium



IOL Manipulators

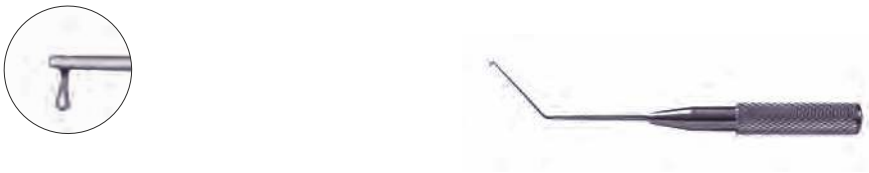
Hirschman
Lens Spatula
flat 0.5mm wide
with multiple notches
F3-3109



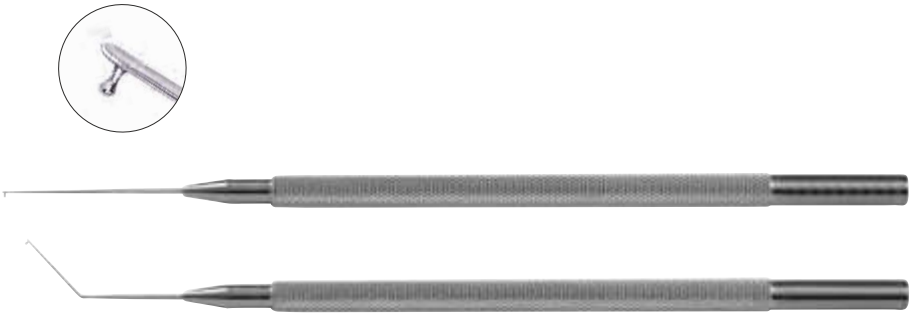
Jaffe
Lens Spatula
flat, 0.5mm wide
F3-3110



Labor
IOL Manipulator
short handle
For use with intra-operative
aberrometry systems.
F3-3111



Lester
IOL Manipulator
0.25mm diameter tip
Ideal for multi-directional
manipulation.
F3-3112 straight, with guard
F3-3113 angled



IOL Manipulators

Lester
IOL Manipulator
0.25mm diameter tip
vaulted shank
For engaging the inferior haptic without touching the dome of the IOL.
F3-3114



Maloney
IOL Manipulator
0.25mm diameter tip
vaulted shank
with guard
F3-3115



Hunkeler
IOL Manipulator
with 0.3mm diameter
hemi-ball tip, vaulted shank
F3-3116



Alio-Kelman
IOL Hook
0.2mm diameter tip
F3-3117



Aker
Lens Pusher
smooth, fish mouth
shaped tip
with guard
F3-3118



Bechert
Lens Pusher
vertical Y-shaped tip
angled
F3-3119

(for horizontal version see F3-3079



Elschnig
Cyclodialysis Spatula
flat, 1mm wide
F3-3120



Cyclodialysis Spatulas

Castroviejo
Synechiae Spatula
0.5mm wide with
semi-sharp tips
F3-3121



Castroviejo
Cyclodialysis Spatula
F3-3122 0.25mm wide
F3-3123 0.5mm wide



Labor
Cyclodialysis Spatula
slightly vaulted
0.5mm wide, angled 5mm
For use with intra-operative aberrometry systems.
F3-3124



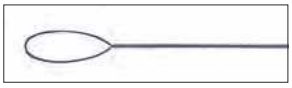


Kimura
Platinum Spatula
F3-3125



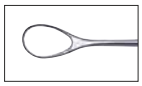
Lens Loops

Keener
Lens Divider
with three
preformed
snare wire loops
F3-3126 complete
F3-3127 wire loops (pk/3)





Lens Loop
F3-3128 **Lewis**, small
F3-3129 **Lewis**, large
F3-3130 **New Orleans**
F3-3131 **Wilder**, serrated



F3-3128



F3-3130



F3-3131



F3-3129

Kirby
Lens Loop and
Muscle Hook
F3-3132



Morrison
Lens Loop and Probe
F3-3133



Manual Nucleus Fragmentation

Lens Loop
serrated, 3mm wide
F3-3134 **Kansas**,
light curve
F3-3135 **Keener-Arlt**,
strong curve





Alfonso
Nucleus Trisector
1.5mm wide
(used with K3-4156
Alfonso Cutting Platform)
For manual small incision surgery.
F3-3136



Bucher-Kansas
Nucleus Trisector
2.5mm wide
(used with K3-4157
Alfonso Cutting Platform)
F3-3137



Manual Nucleus Fragmentation

Kansas
Nucleus Trisector
4mm wide
(used with K3-4152
Kansas Vectis)
F3-3138



Kansas
Nucleus Bisector
F3-3139



Kansas
Nucleus Vectis
Used as a cutting block for
nucleus bisector or trisector.
F3-3140



Alfonso
Cutting Platform
Used as a cutting block for
nucleus trisector.
For manual small incision surgery.
F3-3141 2mm wide (used with **F3-3139**)
F3-3142 3mm wide (used with **F3-3140**)



Culler
Lens Spoon
sterling silver
F3-3143



Spoons and Spatulas

Paton
Spatula & Spoon
For corneal button
transfer.
F3-3144



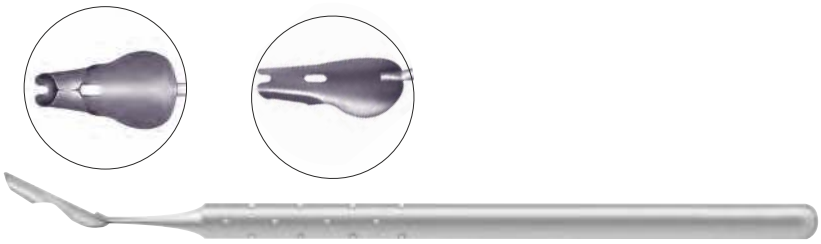
Rosenwasser
Lamella Donor Shovel
with retaining rim on 3 sides
For atraumatic insertion
of the donor lamella.
F3-3145 5mm wide



Spoons and Spatulas

Endothelial Glide
funnel-shaped spatula
cut-out notch at tip

F3-3146



Bunge
Evisceration Spoon
F3-3147 small
F3-3148 large



Spoons and Iris Retractors

Wells
Enucleation
Spoon
F3-3149



Graether
Collar Button
micro iris retractor
F3-3150 straight, with guard
F3-3151 angled



Graether
Irrigating Collar Button
micro iris retractor and
posterior capsule polisher
F3-3152 straight
F3-3153 angled



Iris Retractors and Hooks

Keuch
Small Pupil Dilator
with guard
For enlarging a small pupil through the sideport and primary incision.
F3-3154



Iris Retractors
six 10mm long flexible hooks
in an autoclavable case
reusable
F3-3155

(also available sterile/disposable



Reversed Sinskey Hook
0.2mm diameter blunt tip
For scoring the recipient endothelium and positioning the donor lamella.
F3-3156



Hooks

Bonn
Micro Iris Hook
extra delicate
blunt, round handle
with guard
F3-3157



Bonn
Micro Iris Hook
blunt, flat handle
F3-3158



Hooks

Shepard
Iris Hook
blunt
F3-3159



Lens Manipulating Hook
0.15mm diameter blunt tip
F3-3160 **Jaffe**, straight
F3-3161 **Clayman-Jaffe**, angled



IOL Manipulators

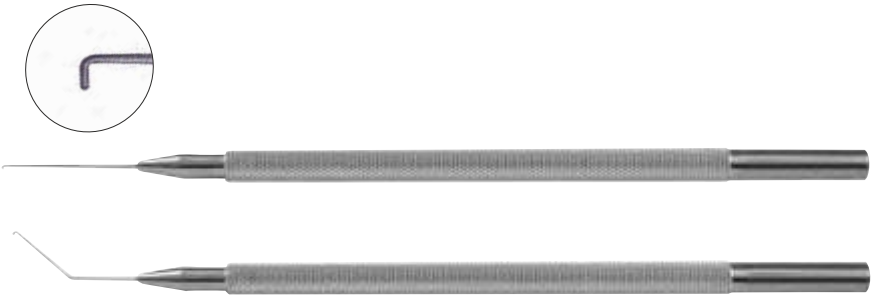
Sinskey
Lens Manipulating Hook
0.25mm diameter blunt tip
straight
F3-3162



Harris-Sinskey
Lens Manipulating Hook
0.25mm diameter blunt tip
angled
F3-3163



Sinskey
Lens Manipulating Hook
round handle
0.25mm diameter blunt tip
F3-3164 straight, with guard
F3-3165 angled



IOL Manipulators

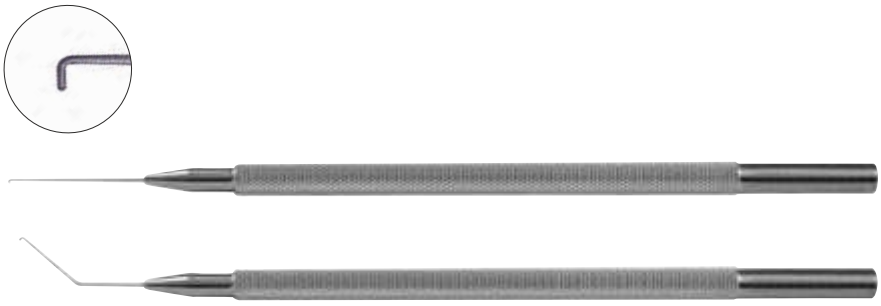
Nevyas
Soft IOL Manipulator
0.25mm diameter
textured tip straight,
with guard
F3-3166



Sinskey II
Lens Manipulating Hook
0.2mm diameter blunt tip
F3-3167 straight
F3-3168 angled



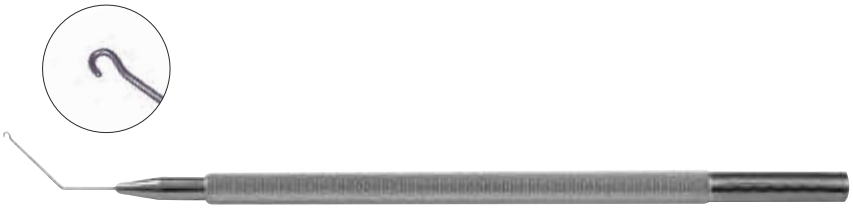
Sinskey II
Lens Manipulating Hook
0.2mm diameter blunt tip
round handle
F3-3169 straight, with guard
F3-3170 angled



Lewicky
Lens Manipulating Hook
0.15mm diameter blunt tip
angled, vaulted shank
F3-3171



Hirschman
Iris Hook
blunt, angled
F3-3172



IOL Manipulators and Iris Hooks

Kuglen Iris Hook & Lens Manipulator

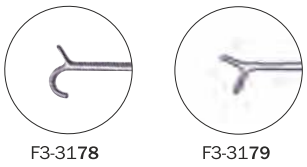
F3-3173 Push-pull model, flat handle, straight
F3-3174 Push-pull model, flat handle, angled
F3-3175 Clover leaf model, flat handle, straight
F3-3176 Push-pull model, round handle,
F3-3177 Push-pull model, round handle, angled





Lens Manipulator

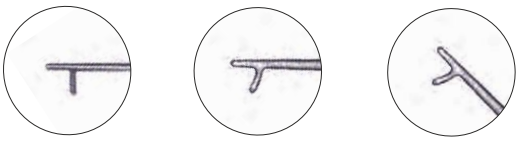
straight, with guard
F3-3178 **Rentsch**, “Boat Hook”
F3-3179 **Osher**, Y-hook





Lens Manipulating Hook

0.15mm diameter tip
F3-3180 **Fenzl**, round handle straight with guard
F3-3181 **Fenzl**, round handle,angled
F3-3182 **Maltzman-Fenzl**, round handle, straight with guard
F3-3183 **Maltzman-Fenzl**, round handle, angled
F3-3184 **Jaffe-Maltzman**, flat handle, angled





ICL Manipulators

Clasen
ICL™ Manipulator
with textured hemi-ball tip
F3-3185



Deitz
ICL™ Manipulator
blunt forked tip
F3-3186



Ichikawa
ICL™ Manipulator
delicate ring tips
with micro texturing
on posterior surfaces
F3-3187



Fixation Hooks

B. H. Kim
Intraocular Mirror
highly reflective 2.5mm disc
angled at 10mm
For intraocular visual inspection.
F3-3188



Fixation Hook
double, sharp
F3-3189 small
F3-3190 large



Twist Hook
for scleral fixation
F3-3191 right
F3-3192 left

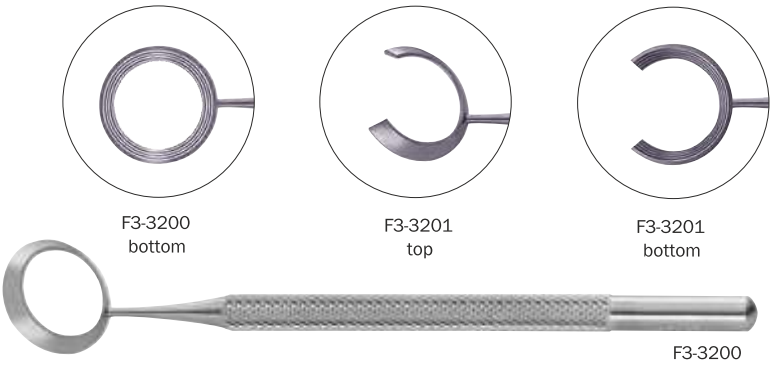


Silverman
Fixation Pick
blunt cone shaped tips
spaced 3mm apart
For atraumatic scleral fixation.
F3-3193



Fixation Rings

Globe Fixation Ring
with concentric grooves
12mm I.D.
F3-3200 for refractive procedures
F3-3201 for cataract procedures



Lu-Mendez

LRI Guide and Fixation Ring
marked in 10° increments
with delicate blunt teeth
11mm I.D.
F3-3202



Gimbel

Stabilization Ring
with swivel handle
13mm diameter with blunt teeth
on both sides
For stabilizing either the right or left eye during LASIK.
F3-3203



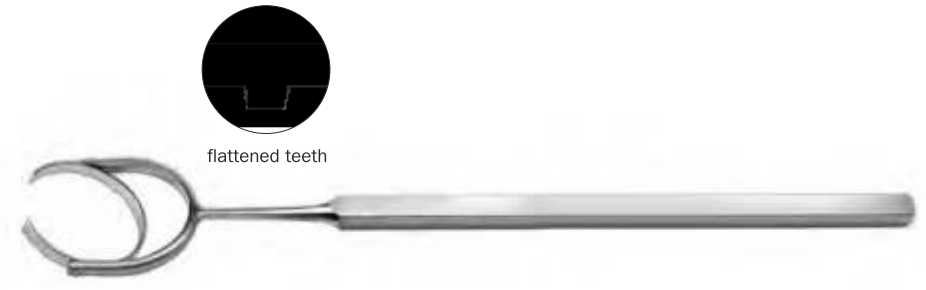
Fine-Thornton

Swivel Fixation Ring
conical teeth
Features marks on anterior surface in 15° increments as a guide for placement of limbal relaxing incisions.
F3-3204 13mm diameter
F3-3205 16mm diameter
F3-3206 13mm diameter
short handle



Fine-Thornton

Swivel Fixation Ring
flattened teeth
F3-3207 13mm diameter



Thornton

Globe Fixation Ring
multiple blunt teeth
16mm diameter ring
F3-3208



Muscle Hooks

Hofmann-Thornton
Globe Fixation Ring
with swivel handle
16mm diameter ring
multiple blunt teeth
F3-3209



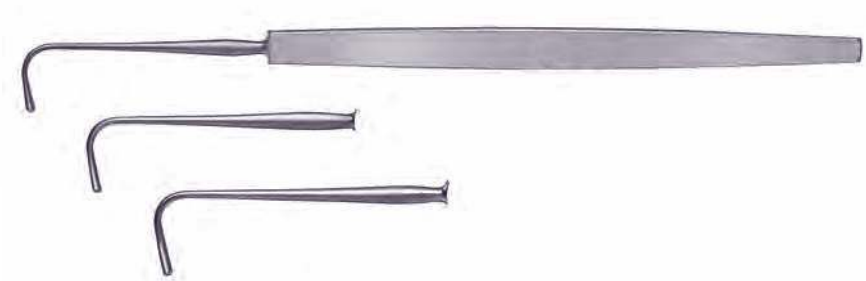
Stevens
Tenotomy Hook
blunt, small
F3-3210



Helveston
"Teaser" Hook
extra delicate, blunt
F3-3211



Graefe Muscle Hook
F3-3212 size 1
F3-3213 size 2
F3-3214 size 3



Gass
Retinal Detachment Hook
with oval hole
F3-3215



Helveston
Finder Hook
extra delicate with lightly
angled cone shaped tip
F3-3216 large
F3-3217 small



Muscle Hooks



Helveston
Muscle Hook
extra delicate, with blunt spatulated tip
F3-3218 8mm
F3-3219 10mm
F3-3220 12mm



Jameson
Muscle Hook
F3-3221 small
F3-3222 large (shown)



Du Plessis
Muscle Hook
double arm
F3-3223



Guyton
Small Incision
Muscle Hook
F3-3224



Rychwalski
Double-Groove Muscle Hook
For use on tight rectus muscles.
F3-3225



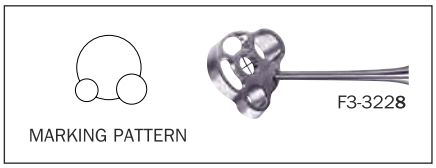
Green
Muscle Hook
F3-3226

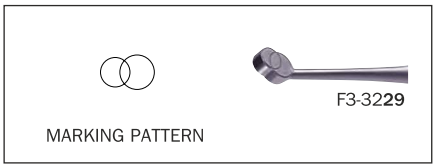


Corneal Markers

Corneal Marker

for LASIK surgery
For identification and realignment of the lamellar flap.
F3-3227 Mendez
F3-3228 Chayet
F3-3229 Dulaney







Kellen

Capsulorrhexis Marker
central ring with non-marking posts for alignment with limbus
F3-3230 6mm diameter marking ring(for 5.5mm CCC)
F3-3231 5.5mm diameter marking ring (for 5.0mm CCC)





Maloney

Intra-Operative Keratometer
titanium
For qualitative measurement of astigmatism.
F3-3232





Mendez

Degree Gauge
12mm I.D.
marked in 10° increments
titanium
For accurate axial alignment on the cornea.



Bores

Axis Marker
F3-3233 Mendez
degree gauge)
F3-3234



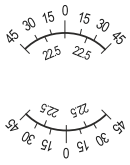


Corneal Markers

Lindstrom

Arcuate Incision Marker
(used with Mendez **F3-3233** *degree gauge)*
F3-3235 7mm optic zone





MARKING PATTERN



Henderson

Degree Gauge
11.7mm I.D.
Beveled face with markings
in 5° increments
4 notches on internal edge
to align with cardinal positions
titanium
F3-3236
F3-3237 with blunt teeth
for fixation



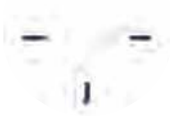




Bubble

Alignment Marker
with bubble level
For determining and marking the horizontal axis.
F3-3238





MARKING PATTERN



Henderson

Alignment Marker
with atraumatic
disc-shaped marking
surfaces at 3, 6 & 9 o'clock
titanium
(used with F3-3237 or F3-3237)
F3-3239



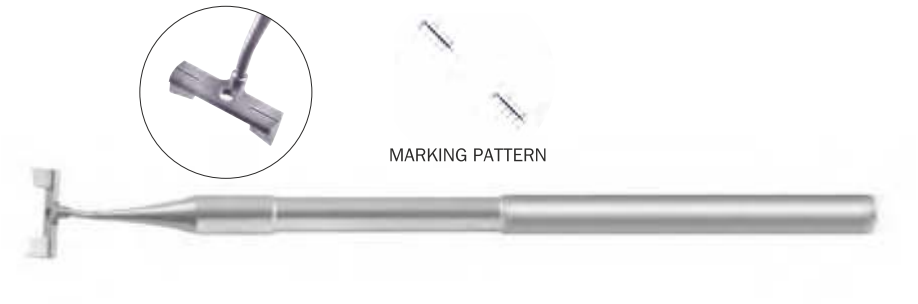


MARKING PATTERN

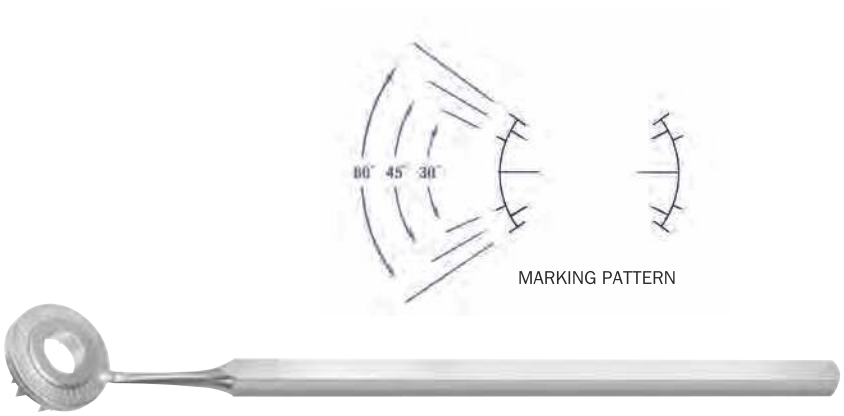


Corneal Markers

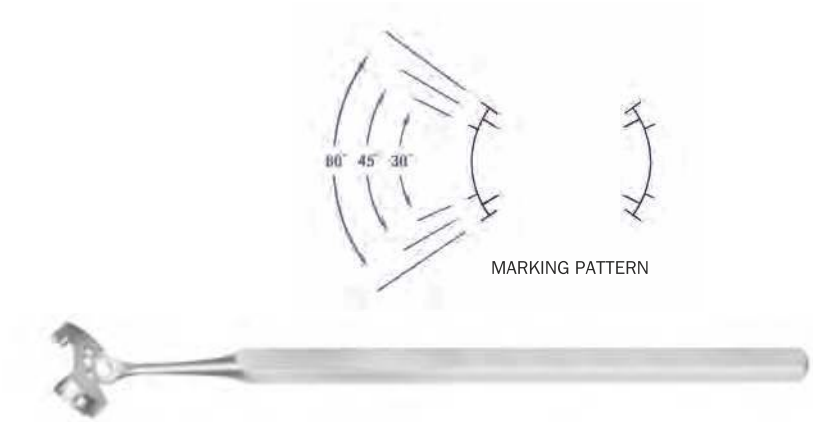
Henderson
Toric IOL Marker
two 2.5mm radial
marks extending to 11mm
titanium
F3-3140



Chu
LRI Marker
rotating degree gauge
with 30°, 45° and
60° landmarks
F3-3141



Henderson
Limbal Relaxing Incision Marker
with 30°, 45° and 60° landmarks
F3-3142



Corneal Markers

Optic Zone Markers

Bores

F3-3143 3.0mm
F3-3144 3.25mm
F3-3145 3.5mm
F3-3146 3.75mm
F3-3147 4.0mm
F3-3148 4.25mm
F3-3149 4.5mm
F3-3150 4.75mm
F3-3151 5.0mm
F3-3152 6.0mm
F3-3153 7.0mm
F3-3154 7.5mm
F3-3155 8.0mm
F3-3156 8.5mm
F3-3157 9.0mm

Hoffer, with cross hairs

F3-3158 3.0mm
F3-3159 3.25mm
F3-3160 3.5mm
F3-3161 3.75mm
F3-3162 4.0mm
F3-3163 4.25mm
F3-3164 4.5mm
F3-3165 4.75mm
F3-3166 5.0mm
F3-3167 5.5mm
F3-3168 6.0mm
F3-3169 7.0mm
F3-3170 8.0mm
F3-3171 9.0mm





Anis

Radial Marker
4mm diameter
center opening
12.5mm O.D.
F3-3172 8 blades
F3-3173 12 blades (shown)
F3-3174 16 blades



Markers

Anis

Suture Placement Marker
8 radial blades
8mm diameter center opening
For corneal grafts.
F3-3175



Fechtner

Trabeculectomy Marker
F3-3176

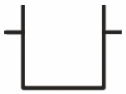


MARKING PATTERN



Fechtner

EX-PRESS® Marker
U-shaped 2.75mm marking pattern. Side landmarks to help identify the insertion site.
F3-3177



MARKING PATTERN





Calipers

Castroviejo
Caliper
20mm spread
F3-3178 straight
F3-3179 angled
F3-3180 curved





Osher
Incision Caliper
For internal measurement of cataract incisions from 1 to 10mm.
F3-3181



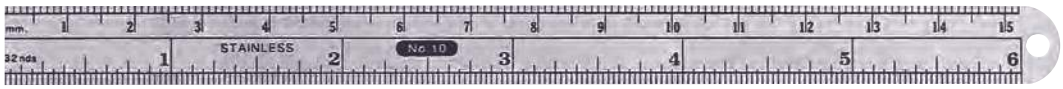
Helveston
Scleral Ruler
15mm long, with notches in 5mm increments
single marking tooth at tip
For measuring and marking the distance from the limbus to the location of the muscle reinsertion.
F3-3182



Jameson
Caliper
chrome plated brass
F3-3183



Ruler
Stainless Steel
inches and mm
F3-3184

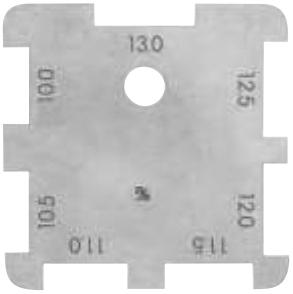


reduced by 10%

Braunstein
Caliper
stainless steel
F3-3185 3.0/3.5mm
F3-3186 3.5/4.0mm



Stahl
Corneal Caliper
with size markings on both sides
For measuring corneal diameter "white to white".
F3-3187 0.5mm and 1.0mm sizes from 10.0 to 13mm



Scissors

Castroviejo
Corneoscleral Scissors
small blades
F4-4000 right (shown)
F4-4001 left



Castroviejo
Corneoscleral Scissors
medium blades
F4-4002 right (shown)
F4-4003 left



Troutman-Castroviejo
Corneoscleral Scissors
with stop, small blades
F4-4004 right (shown)
F4-4005 left



Troutman-Castroviejo
Corneoscleral Scissors
with stop, medium blades
F4-4006 right
F4-4007 left (shown)



Troutman-Katzin
Corneal Transplant Scissors
with stop
strong curve, small blades
F4-4008 right
F4-4009 left (shown)



Rich
Corneal Transplant Scissors
extremely delicate,
strongly curved blades
For trimming the recipient corneal bed and donor button.
Can also be used for open sky anterior capsulotomy.
F4-4010 right
F4-4011 left (shown)



Scissors

Terry
Micro Corneal Scissors
round handle
for meticulous control
F4-4012 right (shown)
F4-4013 left



Holland
DALK Scissors
spatulated tip
F4-4014 right (shown)
F4-4015 left





Katzin
Corneal Transplant Scissors
strong curve, medium blades
F4-4016 right
F4-4017 left (shown)



Castroviejo
Universal Corneal Scissors
curved, blunt tips
F4-4018 small blades
F4-4019 medium blades
F4-4020 large blades
F4-4021 strongly curved large blades

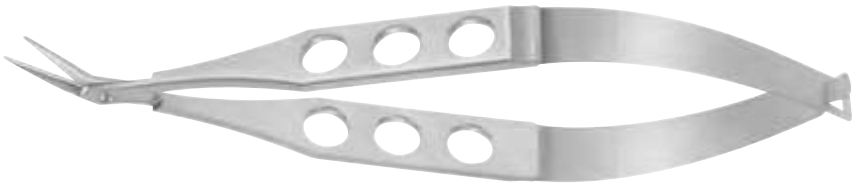

F4-4019


F4-4020


F4-4021


F4-4018

Castroviejo
Keratoplasty Scissors
angled to side
blunt tips, medium blades
F4-4022

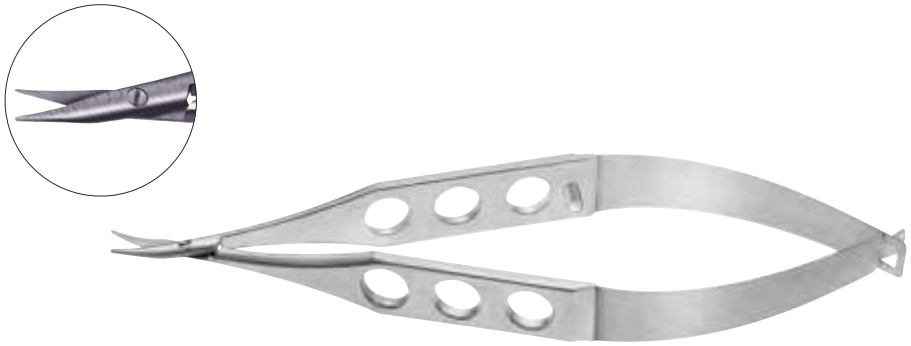


McPherson-Westcott
Conjunctival Scissors
curved
blunt tips, small blades
F4-4023



Scissors

Sarkisian-Westcott
Scissors
small blades
with nine 1mm landmarks
laser etched on one blade
For intra-operative cutting and measuring with a single instrument.
F4-4024



Westcott
Tenotomy Scissors
blunt tips, medium blades
curved
F4-4025



Westcott
Tenotomy Scissors
blunt tips, standard blades
curved
F4-4026 right (shown)
F4-4027 left



Tibolt
Punctal Scissors
one conically shaped blade
with micro grooves and
textured surface
For simple "Two-snip Punctoplasty".
F4-4028



Mini Westcott
Tenotomy Scissors
4mm long curved blades
blunt tips
F4-4029



McPherson-Westcott
Stitch Scissors
very sharp pointed tips
small blades
curved
F4-4030



Scissors

Westcott
Stitch Scissors
very sharp pointed tips
standard blades
curved
F4-4031



Jaffe
Stitch Scissors
very sharp pointed tips
medium blades
curved
F4-4032



Micro Tying Scissors
For tying and cutting
9-0 to 11-0 sutures.
2.75mm long tying platform
Not to be used as a needle driver.
F4-4033



Iris
Scissors
sharp tips, small blades
F4-4034 straight
F4-4035 curved



Fine
Stitch Scissors
sharp tips, medium blades
F4-4036 straight
F4-4037 curved



Barraquer
Iris Scissors
blunt tips, 7mm long blades
F4-4038



Capsulotomy Scissors

Capsulotomy Scissors

Vannas

5mm long blades, sharp tips

F4-4039 straight
F4-4040 curved
F4-4041 angled forward
F4-4042 angled to side


F4-4039

Gills-Vannas

7mm long blades, sharp tips

F4-4043 straight
F4-4044 curved
F4-4045 angled forward


F4-4040


F4-4041


F4-4042


F4-4043

Holland DALK Scissors

4.5mm angled blades

F4-4046 blunted tips


F4-4044


F4-4045


F4-4046


F4-4047

McPherson-Vannas

8mm long blades, sharp tips

F4-4047 curved

Capsulotomy Scissors

Vannas

7mm extra thin long blades, sharp tips

F4-4048 **Vannas**, straight
F4-4049 **Vannas**, curved
F4-4050 **Gills-Vannas**, angled forward


F4-4048

10mm extra thin long blades, sharp tips

F4-4051 **Vannas**, straight
F4-4052 **Vannas**, curved
F4-4053 **Stern-Gills**, angled forward
F4-4054 **Uribe-Stern**, curved, angled, forward


F4-4049


F4-4050


F4-4051


F4-4052

10mm long angled blades, curved tips

F4-4055 **Gills**, sharp points
F4-4056 **Uthoff-Gills**, blunt points


F4-4053


F4-4054


F4-4055


F4-4056

Scissors

Vitrectomy Scissors
20 gauge shank
Stainless steel construction with serrated plastic handle.
Autoclavable.





Scissors
horizontal opening
straight
F4-4057



Scissors
horizontal opening
angled 30°
F4-4058



Scissors
vertical opening
angled 60°
F4-4059



Scissors
vertical opening
angled 80°
F4-4060



"Squeeze Han
These "squeeze handle instruments feature titanium handles to reduce overall weight, and front ends of hardened stainless steel for secure cutting.



Scissors
horizontal, straight
F4-4061 20ga.

Scissors
horizontal, curved
F4-406220ga.
F4-406423ga.
F4-406525ga.

Scissors
horizontal, angled 45°
F4-4063 20ga.



Scissors
vertical, 40°
F4-406620ga.

Scissors
vertical
F4-406723ga.

Scissors
vertical, 80°
F4-406820ga.



MICS Scissors
23 gauge curved shaft with horizontal micro blades
For cutting delicate membranes.
F4-4069

IOL Cutters

Donnenfeld
Micro IOL Cutter
4mm long blades
micro notches in
blades for traction
For cutting soft IOLs
through a 1.5mm incision.
F4-4070



Stolte
IOL Cutter
titanium
slotted cover to retain
soft IOL during cutting
process
For cutting soft IOLs.
F4-4071



Scissors

Eye Scissors
pointed tips
small
F4-4072 straight
F4-4073 curved



Eye Scissors
pointed tips
standard
F4-4074 straight
F4-4075 curved

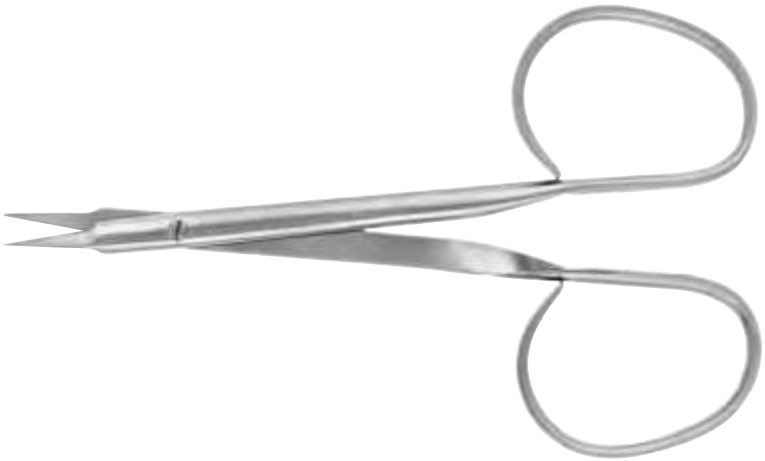


Eye Scissors
large rings
pointed tips
standard
F4-4076 straight
F4-4077 curved

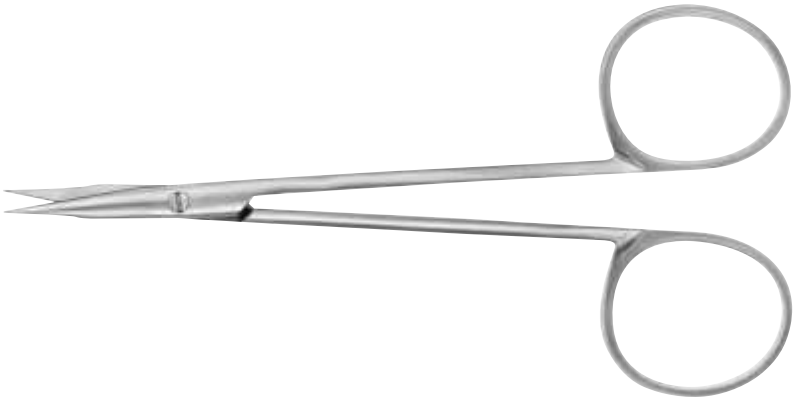


Scissors

Stitch Scissors
ribbon type
needle points
curved
F4-4078



Stitch Scissors
needle points
light curve
F4-4079

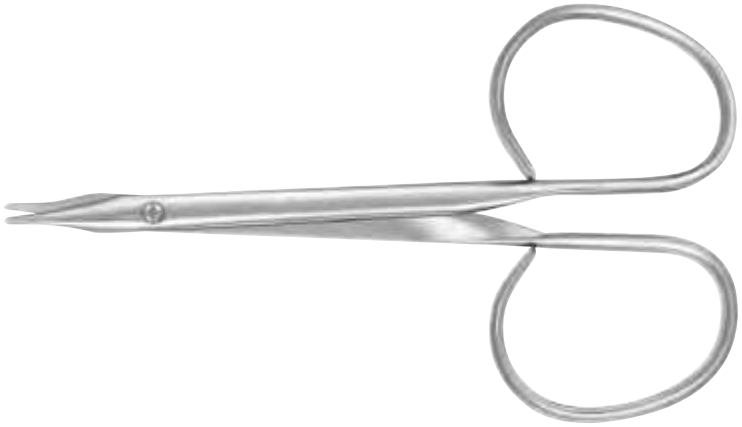


Stevens
Tenotomy Scissors
blunt tips
standard
F4-4080 straight
F4-4081 curved



Scissors

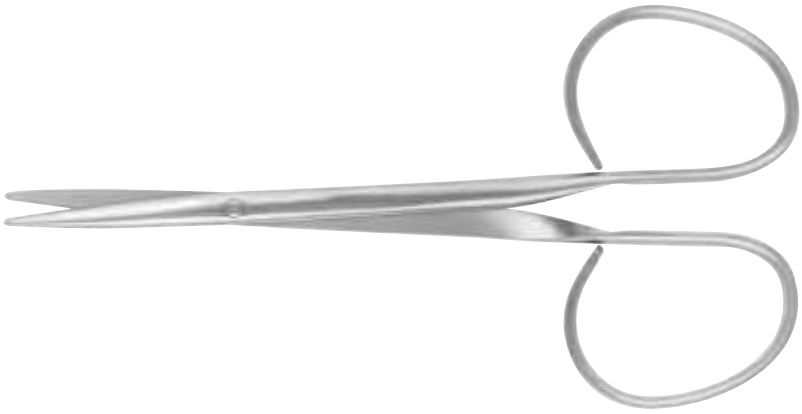
Stevens
Tenotomy Scissors
ribbon type
blunt tips
F4-4082 straight
F4-4083 curved



Knapp
Strabismus Scissors
blunt tips
F4-4084 straight
F4-4085 curved



Strabismus Scissors
ribbon type
blunt tips
F4-4086 straight
F4-4087 curved



Scissors

Metzenbaum
Dissecting Scissors
gently curved blades
blunt tips
5¾" (14.5cm) long
F4-4088



Utility Scissors
one pointed and one
blunt tip
5¾" (14.5cm) long
straight
F4-4089



Enucleation Scissors
blunt tips
F4-4090 medium curve
F4-4091 strong curve



Forceps

Botvin

Iris Forceps
For peripheral iridectomies.
F5-5000 serrated tips
F5-5001 1x2 teeth



Gills-Colibri

Tissue Forceps
very fine pointed tips
with tying platform
F5-5002



Colibri Style

Tissue Forceps
Colibri very delicate, 1x2 teeth,0.12mm
F5-5003 **Colibri**
F5-5004 **Harms-Colibri**, with tying platform
F5-5005 **Harms-Colibri**, titanium, with tying platform
F5-5006 **Dyson-Colibri**, short tips, extremely thin shanks, with tying platform





F5-5003 F5-5004 F5-5006

Standard, 1x2 teeth with tying platform
F5-5007 **Colibri**, 0.4mm

Corneal Suturing Forceps
very delicate, 1mm spread, 1x2 teeth, 0.12mm
F5-5008 **Polack**

Corneal Forceps
very delicate, 1x1 teeth, 0.1mm
F5-5009 **Pierse-Colibri**



F5-5007 F5-5008 F5-5009

Hofmann-Polack

Corneal Suturing Forceps
with guide pin
1mm spread
1x1 teeth, 0.2mm
F5-5010



Hoskin

Tissue Forceps, curved
F5-5011 **#16**, fine grooved tips

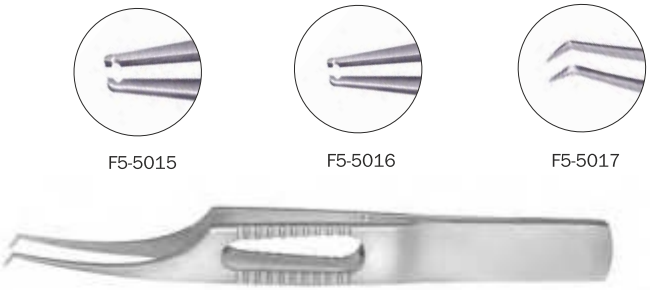


Forceps

Hoskin
Tissue Forceps, straight
F5-5012 **#12**, fine grooved tips
F5-5013 **#13**, micro grooved tips
F5-5014 **#14**, very delicate, micro grooved tips



Hoskin
Tissue Forceps, Colibri style
F5-5015 **#15**, micro grooved tips
F5-5016 **#16**, very delicate micro grooved tips
F5-5017 **#17**, pointed tips



Pierse
Corneal Forceps
very delicate
1x1 teeth, 0.1mm
straight
F5-5018



Fechtner
Conjunctiva Forceps
very delicate
ring shaped tips
with tying platform
F5-5019



Castroviejo-Colibri
Forceps
very delicate
1x2 teeth, 0.12mm
F5-5020



Harms-Colibri
Forceps
very delicate
1x2 teeth, 0.12mm
with tying platform
F5-5021



Forceps

Hyde
Corneal Forceps
2x2 teeth, 0.12mm
with tying platform
F5-5022





Bonn
Forceps
very delicate
1x2 teeth, 0.12mm
F5-5023





Bonn
Forceps
1x2 teeth, 0.12mm
with tying platform
F5-5024 stainless steel
F5-5025 titanium





Thorpe
Corneal Forceps
2x3 teeth, 0.12mm
with tying platform
F5-5026





McPherson
Tissue Forceps
1x2 teeth, 0.4mm
with tying platform
F5-5027 straight
F5-5028 angled





Kelman-McPherson
Forceps
8mm long jaws
1x2 teeth, 0.3mm
F5-5029





Hoffer-McPherson
Forceps
very delicate
11mm long jaws 1x2
teeth, 0.12mm
F5-5030





Forceps

Castroviejo
Suturing Forceps
1x2 teeth
with tying platform
F5-5031 0.12mm
F5-5032 0.3mm
F5-5033 0.5mm
F5-5034 0.9mm
F5-5035 0.12mm, titanium





Snider-Castroviejo
Suturing Forceps
with guide pin
1x2 teeth, 0.12mm
with tying platform
F5-5036





Stern-Castroviejo
Fixation Forceps
1x2 teeth, 0.5mm
with lock
F5-5037





Moody
Fixation Forceps
1x2 teeth, 0.5mm
with lock
F5-5038 left (not shown)
F5-5039 right





Helveston
Fixation Forceps
1x2 teeth, 0.6mm
For globe fixation during strabismus procedures.
F5-5040





Girard
Corneoscleral Forceps
1x2 teeth, 0.12mm
with tying platform
F5-5041 for use in right hand
F5-5042 for use in left hand





Forceps

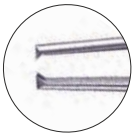
Perl
Corneal Forceps
1x2, 0.08mm teeth
For atraumatic grasping and fixation of tissue.
F5-5043 for use in right hand
F5-5044 for use in left hand




Maumenee-Colibri
Corneal Forceps
very delicate
1x2 teeth, 0.12mm
F5-5045




Bishop-Harmon
Tissue Forceps
1x2 teeth
F5-5046 delicate
F5-5047 standard (not shown)




Bishop-Harmon
Dressing Forceps
criss-cross serrated tips
F5-5048




Fixation Forceps
1x2 teeth, 0.3mm
F5-5049 **Sauer**
F5-5050 **Manhattan Eye & Ear,** with tying platform




Dressing Forceps
serrated, delicate
F5-5051 straight
F5-5052 curved



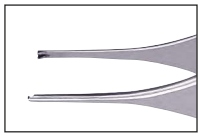
Tissue Forceps
1x2 teeth
F5-5053 delicate, straight
F5-5054 delicate, curved (not shown)
F5-5055 standard, straight (not shown)



Forceps

Adson
straight, 5” (125mm) long
F5-5056 Dressing Forceps serrated jaws, delicate
F5-5057 Dressing Forceps serrated jaws, standard
F5-5058 Tissue Forceps 1x2 teeth, delicate
F5-5059 Tissue Forceps, 1x2 teeth, standard





1x2 teeth, delicate

Bayonet
Dressing Forceps
serrated jaws
5 ¾” (146mm) long
F5-5060



Lester
Fixation Forceps
straight
F5-5061 1x2 teeth
F5-5062 2x3 teeth(not shown)



Fixation Forceps
1x2 teeth
F5-5063 **Bracken**, delicate teeth
F5-5064 **Elschnig**, standard teeth (not shown)



Troutman
Superior Rectus Forceps
1x2 teeth
angled
F5-5065



Forceps

Tying Forceps

For 8-0 to 11-0 sutures.

McPherson
5mm long smooth jaws
F5-5066 straight
F5-5067 straight, titanium
F5-5068 angled
F5-5069 angled, titanium

Kelman-McPherson
7.5mm long smooth jaws
F5-5070 angled
F5-5071 angled, titanium

Bechert
10mm long smooth jaws
F5-5072 angled

Gaskin
11mm long smooth jaws
F5-5073 angled





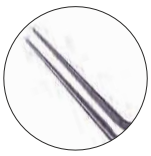
F5-5066



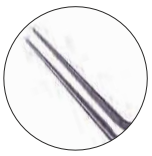
F5-5068



F5-5070



F5-5072



F5-5073

Haberle-McPherson

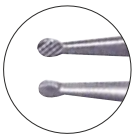
Lens Holding Forceps
7.5mm long jaws
with groove, angled
For grasping IOL haptic.
F5-5074





Kurstin

Flap Stretching Forceps
disc shaped
serrated jaws
Designed for stretching the flap to eliminate striae.
F5-5075





Buratto

LASIK Flap Forceps
disc shaped
serrated jaws
F5-5076





Mendez

Multi-Purpose
LASIK Forceps
spatulated jaws and tips
smooth grasping surfaces
vaulted shanks
For lifting, dissecting and grasping the corneal flap.
F5-5077





TIP CROSS SECTION



Forceps

Inamura
Capsulorrhexis Forceps
delicate tapered shanks
to seal the incision during
continuous curvilinear
capsulorrhexis
Excellent for MICS.
F5-5078



Utrata
Capsulorrhexis Forceps
very delicate, short handle
triangular grasping tips
extremely thin with landmarks
at 2.5mm and 5.0mm
F5-5079 straight



Masket
Capsulorrhexis Forceps
very delicate, short handle
triangular grasping tips
extremely thin with landmarks
at 2.5mm and 5.0mm
F5-5080 vaulted



Kraff
Capsule Tag Forceps
11mm long shanks
1.5mm long grasping tips
F5-5081



Utrata
Capsulorrhexis Forceps
very delicate
triangular grasping tips
extremely thin
11mm long shanks
F5-5082 stainless steel
F5-5083 titanium



Forceps

Utrata
Capsulorrhexis Forceps
very delicate
triangular grasping tips
extremely thin
11mm long shanks
round handle with guide pin
for alignment
F5-5084





Nevyas
Capsulorrhexis Forceps
cystotome shaped tips
extremely thin
11mm long shanks
For tearing and grasping the anterior capsule.
F5-5085

Also available for MICS, see F5-5092.





Masket
Capsulorrhexis Forceps
very delicate
triangular grasping tips
extremely thin 11mm long
vaulted shanks
F5-5086





Masket
Capsulorrhexis Forceps
very delicate
triangular grasping tips
extremely thin 11mm long
vaulted shanks
round handle with guide pin
for alignment
F5-5087





Jaffe
Capsulorrhexis Forceps
very delicate
round grasping tips
extremely thin
11mm long shanks
F5-5088





Forceps

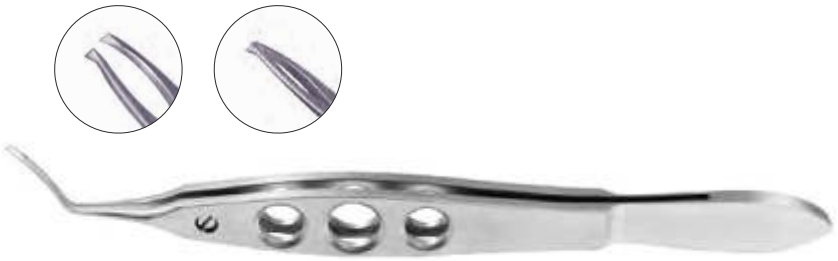
Giannetti
MICS Capsulorrhexis Forceps
ultra delicate shanks and tips
maximum jaw opening 1.75mm
For performing capsulorrhexis through a micro incision.
F5-5089



Utrata
MICS Capsulorrhexis Forceps
very delicate
triangular grasping tips
thin 11mm shanks
maximum jaw opening 1.75mm
For performing capsulorrhexis through a micro incision.
F5-5090



Giannetti
MICS Capsulorrhexis Forceps
ultra-delicate shanks and tips
maximum jaw opening of 1.75mm
flat handle
For performing capsulorrhexis through a micro incision.
F5-5091



Nevyas
MICS Capsulorrhexis Forceps
cystotome shaped tips
ultra-delicate shanks and tips
maximum jaw opening of 1.75mm
flat handle
For penetrating and grasping the anterior capsule while performing a capsulorrhexis through a micro incision.
F5-5092



Florakis
Endothelial Forceps
extra-delicate, reversed
triangular tips angled 75°
To aid in the removal of endothelium from the host cornea.
F5-5093



Sinskey
Tying Forceps
very delicate
smooth jaws
For 8-0 to 11-0 sutures.
F5-5094 straight
F5-5095 curved (not shown)



Forceps

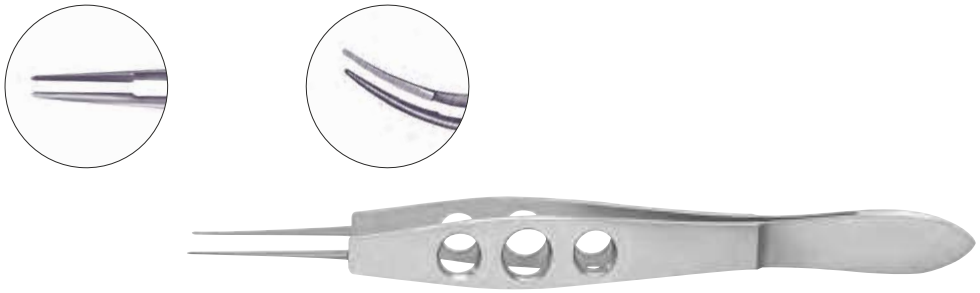
Anis
Tying Forceps
extra delicate
smooth jaws
For 9-0 to 11-0 sutures.
F5-5096 straight (not shown)
F5-5097 curved



Freeman-Jaffe
Lens Holding Forceps
with longitudinal groove
For grasping IOL haptic.
F5-5098



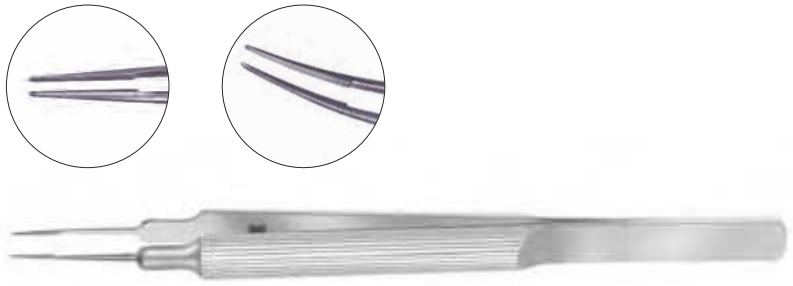
Jaffe
Tying Forceps
very delicate
smooth jaws
6mm long platform *For 8-0 to 11-0 sutures.*
F5-5099 straight
F5-5100 curved



Gerl
Tying Forceps
curved shanks
6mm long platform
For 8-0 to 11-0 sutures.
titanium
F5-5101



Tennant
Tying Forceps
extra delicate smooth jaws
with 6mm long platform
round handle with guide pin
For 9-0 to 11-0 sutures.
F5-5102 straight
F5-5103 straight, titanium
F5-5104 curved
F5-5105 curved, titanium



Maumenee
Tying Forceps
concave-convex jaws
round handle with guide pin
For 8-0 to 11-0 sutures.
F5-5106 straight
F5-5107 angled

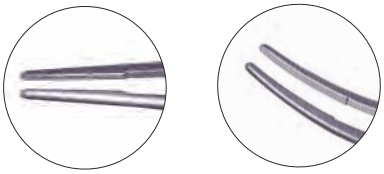


JAWS CROSS SECTION



Forceps

Harms
Tying Forceps
standard, smooth jaws
for 7-0 to 9-0 sutures.
F5-5108 straight
F5-5109 curved





Helveston
Tying Forceps
standard, smooth jaws
For 4-0 to 6-0 sutures.
F5-5110





Fine
Tying Forceps
standard, smooth jaws
For 7-0 to 9-0 sutures.
F5-5111



Arita
Meibomian Gland Compressor
broad, smoothly polished jaws
F5-5112





Barraquer
Cilia Forceps
lightly angled
Textured jaws provide superior grasping capabilities.
F5-5113



Cilia Forceps
slanted jaws
gold plated
F5-5114



Gradle
Cilia Forceps
smooth jaws
F5-5115



Forceps

Bonaccolto
Conjunctiva Forceps
longitudinally serrated jaws
with cross serrations at tips
F5-5116 1.2mm wide
F5-5117 (not shown) 1.7mm wide



Nugent
Utility Forceps
F5-5118 (not shown) smooth jaws
F5-5119 serrated jaws



Gold
Punctal Plug Forceps
0.2mm wide longitudinal
groove inside jaws
pointed tips
F5-5120



Foreign
Body Forceps
straight
F5-5121



Utility & Splinter
Forceps
pointed, short jaws
Suitable for epilation.
F5-5122 #H



Jewelers
Forceps
standard, straight
F5-5123 #1



Jewelers
Forceps
delicate, straight
F5-5124 #3-C



Jewelers
Forceps delicate,
straight
F5-5125 #3



Forceps

Jewelers
Forceps delicate,
straight
F5-5126 #4



Jewelers
Forceps
extra delicate, straight
F5-5127 #5



Jewelers
Forceps
extra delicate, angled
F5-5128 #5/45



Jewelers
Forceps
curved
F5-5129 #7



Suture
Removal Forceps
very fine pointed tips
with textured jaws
Ideal for grasping wet sutures.
F5-5130



Jaffe
Utility Forceps
very delicate smooth jaws
curved
F5-5131



Arruga
Capsule Forceps
F5-5132



Akahoshi
Phaco PreChopper
4.5mm long delicate jaws
with sharp tips
For cracking, dividing and rotating
the nucleus without sculpting.
F5-5133



Forceps

Akahoshi
Combo PreChopper
For cracking, dividing and rotating both hard and soft nuclei without sculpting.
F5-5134



Ernest
Nucleus Cracker
extra delicate cross-action
serrated paddle tips

F5-5135 For cracking the nucleus through a 2.5mm incision.
F5-5136 For cracking the nucleus through a 2mm incision.



Dodick
Nucleus Cracker
cross-action
longitudinally serrated
paddle shaped jaws
For cracking the nucleus through a 3mm incision.
F5-5137



Hu
Femto Forceps
blunted 0.3mm tips
cross-action mechanism
For opening incisions created with a femtosecond laser.
F5-5138



Alfonso
Nucleus Grasping Forceps
two short rows of
delicate interlocking teeth
For grasping and extracting nucleus fragments.
F5-5139



Forceps

Femto

Nucleus Forceps
22 gauge
flattened textured tips
angled at 90°
reverse action
For removing a complete cap, finishing a rhexis and splitting nucleus fragments.
F5-5140





Vitreo-Retinal Forceps

stainless steel with
serrated plastic handle
autoclavable



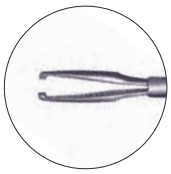
smooth jaws
20 gauge, straight
F5-5141



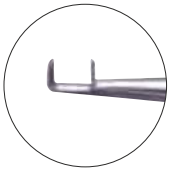
serrated jaws
20 gauge, straight
F5-5142



smooth jaws, 1x2 teeth
20 gauge, straight
F5-5143



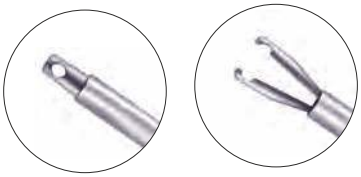
smooth jaws
end gripping
20 gauge, straight
F5-5144



smooth jaws
20 gauge, vertical
F5-5145

Endothelial Grasping Forceps

curved, 23 gauge
delicate end-gripping platforms
jaws 90° off-set from
"squeeze handle"
mechanism
F5-5146





Forceps

ICL™

Lens Cartridge Loading Forceps
straight, 20 gauge
jaws feature a series
of concave and
convex surfaces
F5-5147





Donnenfeld

Micro IOL Holding Forceps
21 gauge
blunt, paddle-shaped tips
central hole for traction and visibility
For grasping a soft IOL during cutting and explantation.
F5-5148



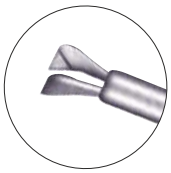


MICS Capsulorrhexis Forceps

23 gauge curved shaft with
short micro-grasping tips
Designed for use through a very small paracentesis.
F5-5149 Alio
F5-5150 Fine-Ikeda



F5-5149



F5-5150



Forceps



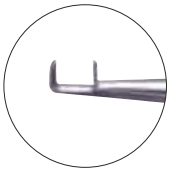
"Squeeze Handle" Forceps
These "squeeze handle" instruments feature titanium handles to reduce overall weight, and front ends of hardened stainless steel for secure grasping.



horizontal opening
serrated jaws
F5-5151 20ga.
F5-5152 23ga.



horizontal opening
end gripping jaws
F5-5153 20ga.
F5-5154 23ga.
F5-5155 25ga.



vertical opening
smooth side
gripping jaws
F5-515620ga.



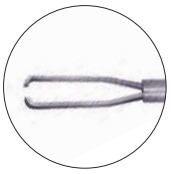
membrane peeling
smooth 45°
angled jaws
F5-5157 20ga.



membrane peeling
grooved 45°
angled jaws
F5-5158 20ga.



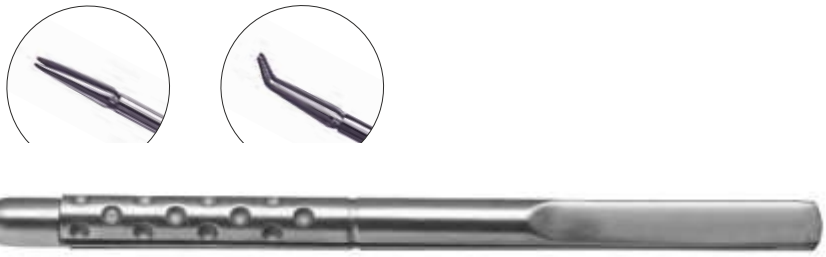
asymmetrical
F5-515923ga.
F5-516025ga.



ILM
F5-516123ga.
F5-516225ga.

Prasad

Micro Tying Forceps
23 gauge
straight 2.65mm long jaws
with textured platforms
25mm long curved sh
F5-5163straight
F5-5164angled



Watzke

Sleeve Spreading Forceps
F5-5165



Rosenwasser

Donor Lamella Inserting Forceps
thin vaulted 12mm long shanks
precalibrated heel stop to
prevent tips from closing
F5-5166



Forceps

ICL™
Loading Forceps
11mm long
smoothly polished jaws
F5-5167



ICL™
Loading Forceps
11mm long
finely textured jaws
F5-5168



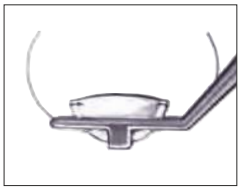
Dodick
IOL Folding Forceps
For soft IOLs.
F5-5169

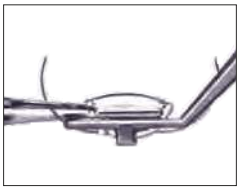


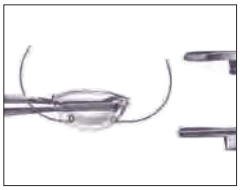
Livernois
IOL Folding Forceps
concave jaw surfaces
For soft IOLs.
F5-5170











Steinert
IOL Inserting Forceps
conically shaped jaws
with flat inside surfaces
Used for folding and inserting soft IOLs.
F5-5171



Forceps

Livernois
IOL Holding Forceps
highly polished round jaws
For holding a soft IOL while folding with an inserting forceps.
F5-5172 straight (not shown)
F5-5173 angled





Livernois-McDonald
IOL Inserting Forceps
5mm long concave jaws
patented cross-action *For inserting silicone IOLs.*
F5-5174





Ernest-McDonald
IOL Inserting Forceps
5mm long straight jaws
low profile
patented cross-action *For inserting silicone IOLs.*
F5-5175





Ernest-McDonald II
IOL Inserting Forceps
5mm long straight jaws
extra low profile
patented cross-action *For inserting silicone IOLs.*
F5-5176





Faulkner
Lens Holding Forceps
round, smooth jaws
For holding soft IOLs.
F5-5177



Buratto
Soft IOL Inserting Forceps
extra delicate highly polished convex jaws
For foldable acrylic and silicone IOLs.
F5-5178





Forceps

Spaleck
Soft IOL Inserting Forceps
delicate highly polished
convex jaws
For foldable acrylic and silicone IOLs.
F5-5179





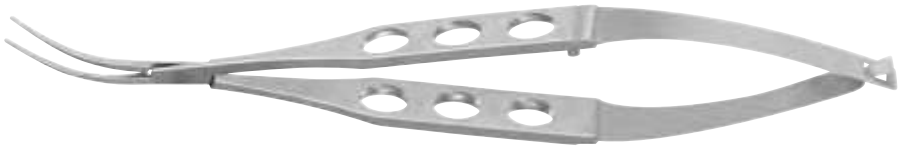
Ernest-McDonald
IOL Inserting Forceps
polished bi-convex jaws
patented cross-action
For acrylic IOLs.
F5-5180



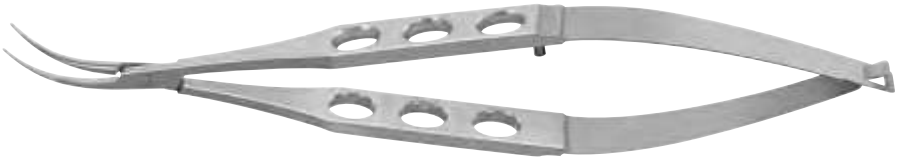
JAWS CROSS SECTION



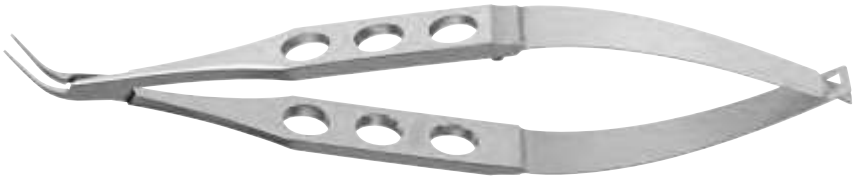
Bechert
Lens Holding Forceps
very delicate flat jaws
gently curved
F5-5181



Kratz
Lens Holding Forceps
very delicate narrow jaws
curved
F5-5182



Blaydes
Lens Holding Forceps
very delicate narrow jaws
angled 45°
F5-5183



KAMRA™
Inlay Forceps
very thin, highly polished
paddle-shaped jaws
For use in picking up and placing the Kamra ™ implant.
F5-5184



Forceps

Shepard
Lens Holding Forceps
duckbill shaped jaws
gently curved
F5-5185



Clayman
Lens Holding Forceps
delicate angled jaws
gently curved
F5-5186



Jameson
Muscle Forceps
with slide lock
F5-5187 4 teeth, child size, right
F5-5188 4 teeth, child size, left (not shown)
F5-5189 6 teeth, adult size, right (not shown)
F5-5190 6 teeth, adult size, left





Berke
Ptosis Forceps
with slide lock
longitudinally grooved jaws
F5-5191 20mm long
F5-5192 27mm long



Ptosis
Lid Clamp
6-pin, concave
longitudinal grooves
in tips, sliding lock
F5-5193



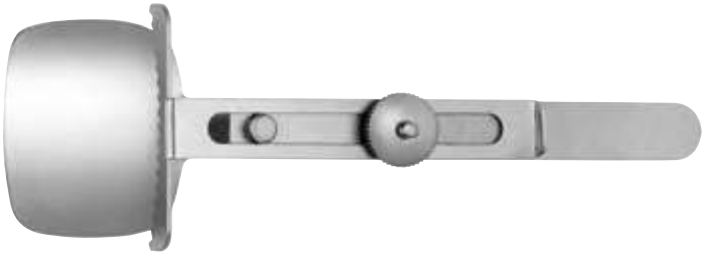


Forceps

Erhardt
Lid Forceps
F5-5194



Downes
Lid Clamp
Designed for protecting the eye and holding the lid margin during upper lid laser blepharoplasty.
F5-5195



Chalazion Forceps
round
F5-5196 **Lambert**, 8mm I.D.
F5-5197 **Hunt**, 12mm I.D.





Chalazion Forceps
oval
F5-5198 **Baird**, 11 x 8mm I.D.small
F5-5199 **Francis**, 14 x 11mm I.D.
medium
F5-5200 **Desmarres**, 20 x 13mm I.D.
large





F5-5199



F5-5200

Wies
Chalazion Forceps
grooved upper jaw
F5-5201

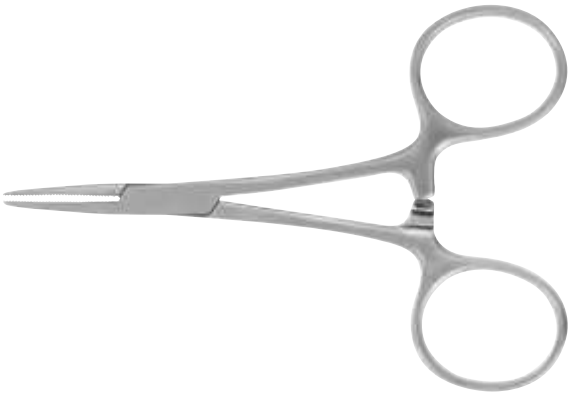


Forceps

Serrefine
serrated jaws
small
1½" (38mm) long
F5-5202



Hartmann
Mosquito Forceps
extra delicate
3¾" (95mm) long
F5-5203 straight
F5-5204 curved



Halsted
Mosquito Forceps
delicate
5¾" (145mm) long
F5-5205 straight
F5-5206 curved



Baby Jones
Towel Clamp
cross-action
2¼" (55mm) long
F5-5207



Backhaus
Towel Clamp
F5-5208 3½" (90mm) long
F5-5209 5¼" (135mm) long



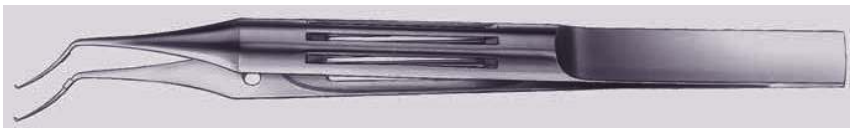
Forceps

F5-5212
Giannetti





MICS Capsulorhexis Forceps, maximum jaw opening 2 mm for 1.5 mm



F5-5213
Masket



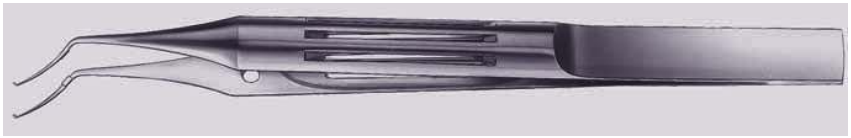
Capsulorhexis Forceps, 11 mm voulted shanks, handle Ø 8 mm, 10.5 cm



F5-5214
Utrata



Capsulorhexis Forceps, 11 mm shanks, handle Ø 8 mm, 10.5 mm



F5-5215
Corydon



Capsulorhexis Forceps, 11 mm long shanks,



F5-5216
Utrata



Capsulorhexis Forceps, round tips, handle Ø 8 mm, 10.5 cm

Forceps

F5-5217
Troutman





Micro-Tying Forceps, straight, very delicate, with tying platform 5 mm,

F5-5218
Troutman

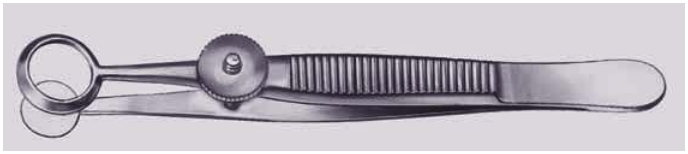




Micro-Tying Forceps, curved, very delicate, with tying platform 5 mm,

F5-5219
Ayer

Chalazion Forceps, 8 mm, 9cm



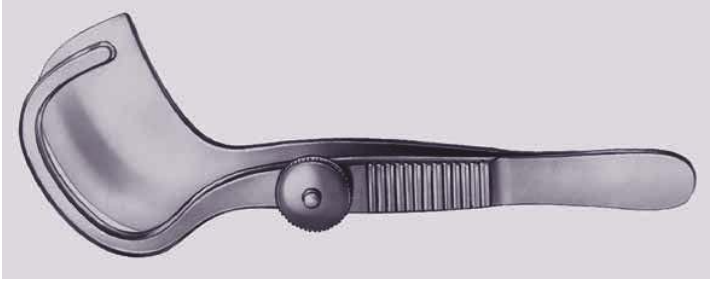
F5-5220
Cauer

Chalazion Forceps, I.D. 12 × 14 mm, 10 cm



Snellen

Entropium Forceps, 9.5 cm



F5-5221 links
left

F5-5222 rechts
right

Needle Holders

McPherson
Needle Holder
very delicate jaws
F6-6000 straight jaws, with lock
F6-6001 straight jaws, without lock
F6-6002 curved jaws, with lock
F6-6003 curved jaws, without lock



Jaffe
Needle Holder
delicate conical jaws
F6-6004 straight, with lock
F6-6005 curved, with lock
F6-6006 curved, without lock



Castroviejo
Needle Holder
delicate jaws
F6-6007 straight, with lock
F6-6008 straight, without lock
F6-6009 curved, with lock
F6-6010 curved, without lock



Castroviejo
Needle Holder
standard jaws
straight, with lock
F6-6011



Castroviejo
Needle Holder
standard jaws
curved, with lock
F6-6012



Needle Holders

Kalt
Needle Holder
delicate smooth jaws
straight, with lock
F6-6013



Drews
Needle Holder
extra delicate jaws
F6-6014 straight, with lock
F6-6015 straight, without lock
F6-6016 curved, with lock
F6-6017 curved, without lock



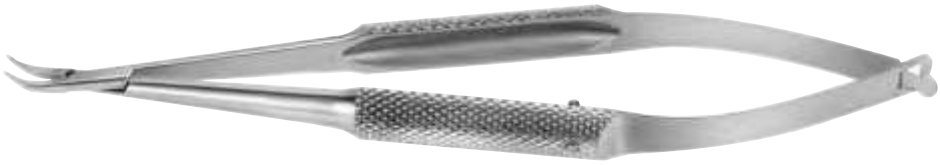
Barraquer
Needle Holder
short model
very delicate jaws
straight
F6-6018 with lock
F6-6019 without lock



Barraquer
Needle Holder
short model
very delicate jaws
curved
F6-6020 with lock
F6-6021 without lock



Troutman
Needle Holder
delicate jaws
strongly curved
F6-6022 without lock
F6-6023 with lock



Barraquer
Needle Holder
very delicate jaws
curved
F6-6024 with lock
F6-6025 without lock
F6-6026 titanium, with lock
F6-6027 titanium, without lock

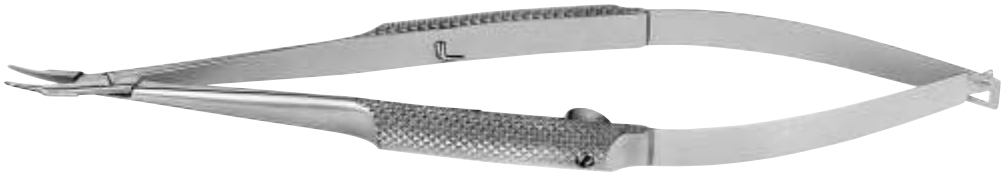


Needle Holders

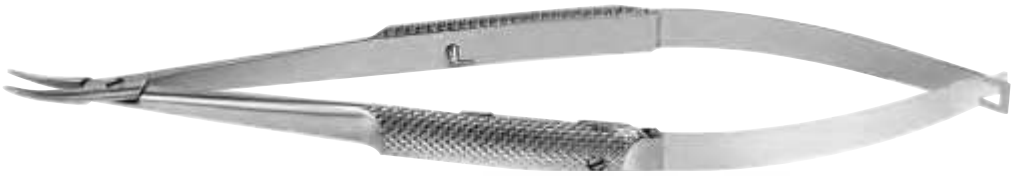
Barraquer
Needle Holder
delicate jaws
straight
F6-6028 with lock
F6-6029 without lock



Barraquer
Needle Holder
delicate jaws
curved
F6-6030 with lock
F6-6031 without lock



Barraquer
Needle Holder
standard jaws
curved
F6-6032 with lock
F6-6033 without lock



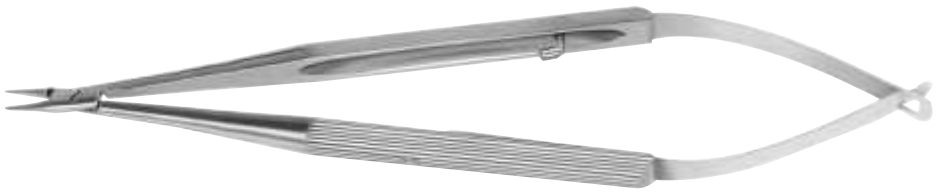
Anis
Needle Holder
extra delicate jaws
straight
F6-6034 with lock
F6-6035 without lock



Anis
Needle Holder
extra delicate jaws
curved
F6-6036 with lock
F6-6037 without lock

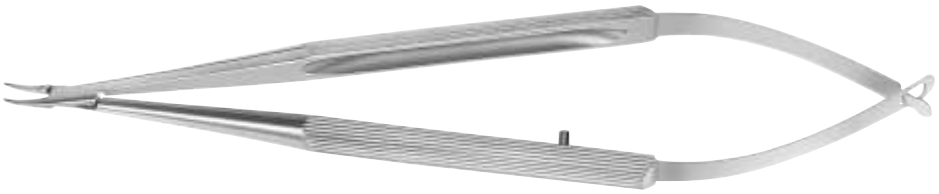


Needle Holder
extra delicate jaws
straight
F6-6038 with lock
F6-6039 without lock
F6-6040 titanium, with lock
F6-6041 titanium, without lock



Needle Holders

Needle Holder
extra delicate jaws
curved
F6-6042 with lock
F6-6043 without lock
F6-6044 titanium, with lock
F6-6045 titanium, without lock



McIntyre
Fish Hook Needle Holder
straight, with lock
F6-6046



F6-6047 Barraquer





Micro-Needle Holder, curved, 0.6 × 10 mm, without lock, 13 cm, with extra delicate spring, with screw lock

F6-6048
Barraquer





Micro-Needle Holder, curved, 0.7 × 10 mm, without lock, 13 cm, with extra delicate spring, with screw lock

Rongeurs

Kerrison
Bone Nibbling Rongeur
9mm opening
F7-7000 size 0, 3.0mm wide
F7-7001 size 1, 3.5mm wide
F7-7002 size 2, 4.0mm wide
F7-7003 size 3, 4.5mm wide



2/3

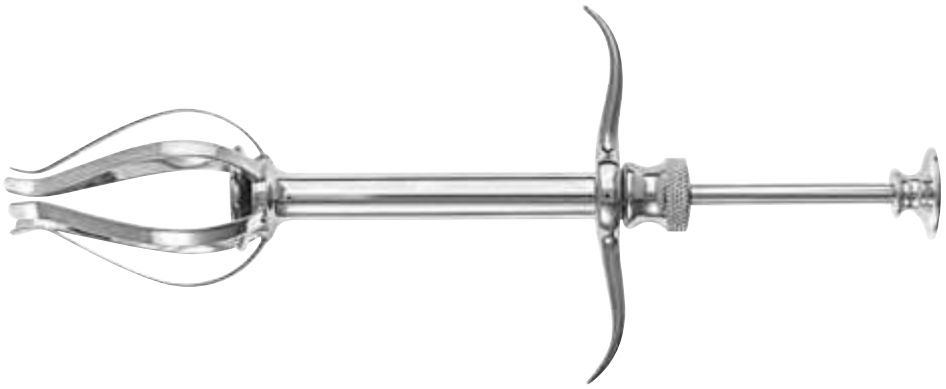
Citelli
Bone Nibbling Rongeur
7mm opening
2.0mm wide
F7-7004



2/3

Eye Spheres

Carter
Sphere Introducer
F8-8000



Lacrimal Instruments

Beyer
Rongeur
single action
F7-7005



2/3

Nasal
Speculum
F7-7006 infant
F7-7007 child
F7-7008 adult



2/3

Freer
Periosteal Elevator
one end blunt
other end semi-sharp
4.5mm wide blades
F7-7009



2/3

Lacrimal Instruments

Joseph
Periosteal Elevator
gently curved tip
F7-7010



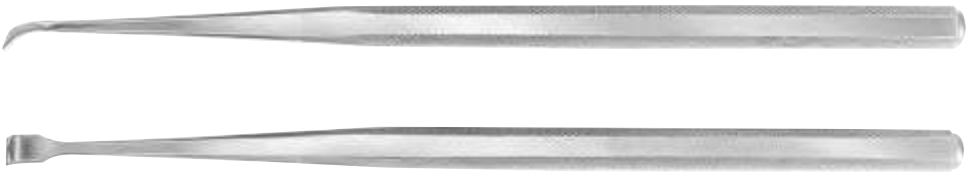
¾

West
Lacrimal Chisel
straight
F7-7011



¾

Freer
Lacrimal Chisel
curved
F7-7012



¾

Mallet
lead filled
stainless steel head
F7-7013



⅔

Harms
Trabeculotomy Probe
F7-7014 right
F7-7015 left



Infant
Lacrimal Dilator
very fine blunt tip
F7-7016

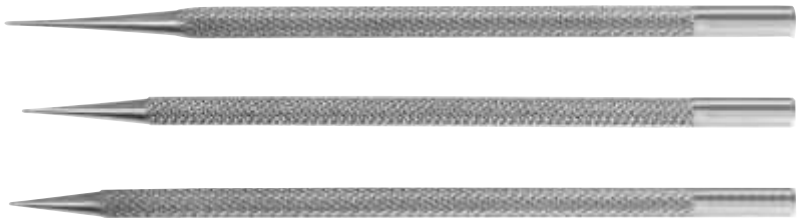


Muldoon
Lacrimal Dilator
F7-7017



Lacrimal Instruments

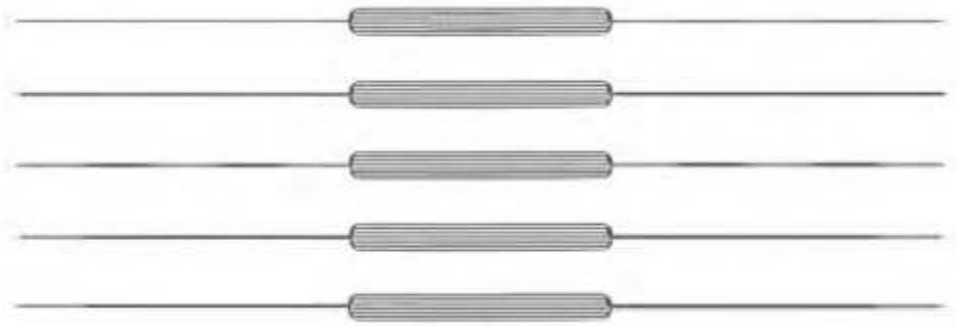
Wilder
Lacrimal Dilator
F7-7018 size 1, fine taper
F7-7019 size 2, medium taper
F7-7020 size 3, heavy taper



Castroviejo
Lacrimal Dilator
double-end
fine and
medium taper
F7-7021



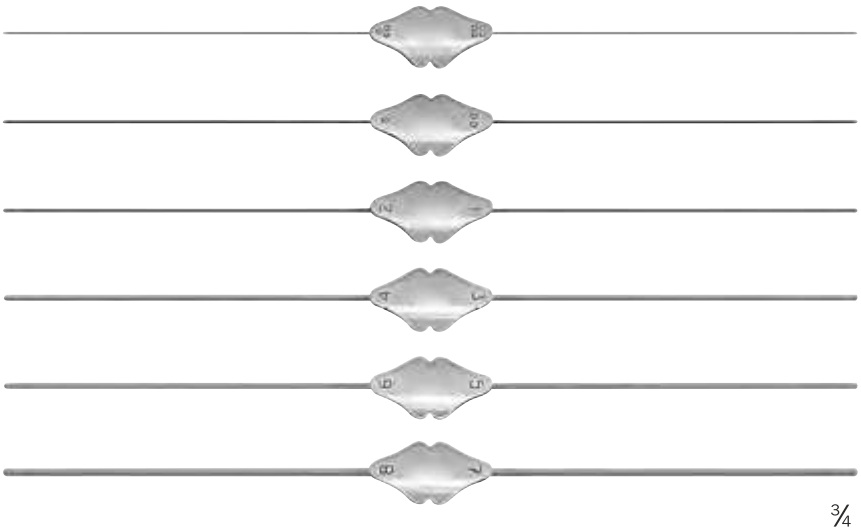
Miyake
Lacrimal Probe
round knurled handle 140mm long,
patented
F7-7022 set of 5
F7-7023 .45 and .5mm dia.
F7-7024 .55 and .6mm dia.
F7-7025 .65 and .7mm dia.
marked in 10mm
increments
F7-7026 .75 and .8mm dia.
single mark at
10mm from tips
F7-7027 .85 and .9mm dia.
single mark at
10mm from tips



U.S. Patent # 6,093,198

REDUCED SIZE

Bowman
Lacrimal Probe
malleable stainless steel
F7-7028 set of 6
F7-7029 size 0000 & 000
F7-7030 size 00 & 0
F7-7031 size 1 & 2
F7-7032 size 3 & 4
F7-7033 size 5 & 6
F7-7034 size 7 & 8



¾

Lacrimal Instruments

Catalano
Lacrimal Intubation Set
includes 2 blunt
0.7mm diameter probes
attached to 30.5cm long
silicone tubing
.012" I.D., .025" O.D.
F7-7035 set
F7-7036 silicone tubing only



¾

Jackson
Lacrimal Intubation Set
includes 2 blunt
0.9mm diameter probes
attached to 30.5cm long
silicone tubing
.012" I.D., .025" O.D.
F7-7037 set
F7-7038 silicone tubing only



¾

Crawford
Lacrimal Intubation Set
includes 2 olive tip
0.6mm diameter probes
attached to 30.5cm long
silicone tubing
.012" I.D., .025" O.D.
F7-7039 set
F7-7040 silicone tubing only



¾

Crawford
Retrieving Hook
for Crawford lacrimal
intubation probes
F7-7041



¾

Bodian
Lacrimal Probe Set
includes 2 curved
blunt 1mm diameter probes
attached to 30.5cm long
silicone tubing
.012" I.D., .025" O.D.
F7-7042 set
F7-7043 silicone tubing only

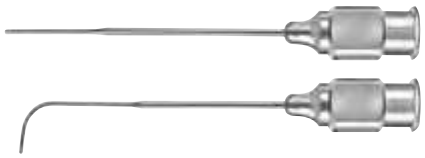


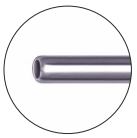
Pigtail
Probe
with suture holes
F7-7044



¾

Cannulas





Lacrimal
Cannula
malleable tip
23 gauge
F7-7045 straight
F7-7046 curved





McIntyre
Lacrimal Cannula
dual 0.3mm side ports
23 gauge
F7-7047 straight
F7-7048 curved





Shahinian
Lacrimal Cannula
bullet shaped tip
0.3mm side port
23 gauge, 11mm long
F7-7049



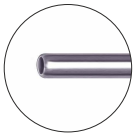


West
Lacrimal Cannula
blunt tip
0.3mm side port
23 gauge
F7-7050





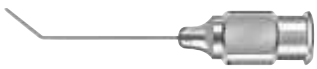
Burnstine
Lacrimal Cannula
tapered tip
0.15mm end opening
23 gauge, 13mm long
F7-7051





Silicone Oil
Injection Cannula
7mm long
23 gauge
F7-7052





Air Injection
Cannula
angled at 5mm
F7-7053 30 gauge
F7-7054 27 gauge





Viscoelastic
Aspirating Cannula
angled at 10mm
F7-7055 22 gauge
F7-7056 19 gauge

Cannulas





Arbisser
A/C Cannula
angled at 5.5mm
27 gauge
F7-7057





Rainin
Air Injection Cannula
flat tip
angled at 7mm
F7-7058 30 gauge
F7-7059 27 gauge





Air Injection
Cannula
angled at 7mm
F7-7060 30 gauge
F7-7061 27 gauge





Capsule
Staining Cannula
0.2mm posterior port
angled at 8mm
25 gauge
F7-7062



Bottom View



DALK
Air Injection Cannula
flattened, vaulted
0.2mm posterior port near tip
27 gauge
F7-7063





Troutman
Olive Tip Cannula
delicate
25 gauge
F7-7064



Top View



Bottom View



Rosenwasser
DALK Cannula
flattened “cobra-shaped” tip
0.2mm posterior port
27 gauge
F7-7065





LASEK
Alcohol Cannula
delicate olive shaped tip
angled at 10mm
25 gauge
F7-7066

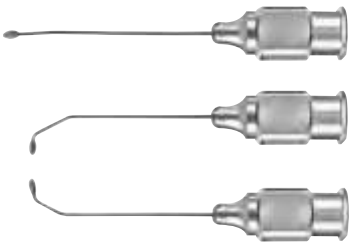
Cannulas





Randolph
Cyclodialysis Cannula
formed flat tip
angled at 13mm
F7-7067 21 gauge
F7-7068 19 gauge





Welsh
Flat Olive Tip Cannula
25 gauge
F7-7069 angled forward
F7-7070 angled left
F7-7071 angled right





Atkinson
Retrobulbar Needle
23 gauge, 35mm long
F7-7072





Corbin
Sub-Tenon's Anesthesia Cannula
smooth rounded tip
0.3mm side port
23 gauge
F7-7073





Fukasaku
Anesthesia Cannula
gently curved, smooth tip
24 gauge
For pinpoint placement of local anesthesia solution into sub-Tenon's space.
F7-7074





Gross
Sub-Tenon's Anesthesia Cannula
gently curved
flat burnished tip
front opening, 21 gauge
F7-7075

Cannulas





Stevens
Sub-Tenon's Anesthesia Cannula
gently curved, flat tip
19 gauge
For atraumatic entry into sub-Tenon's space to inject local anesthetic.
F7-7076





Simcoe
Irrigating–Aspirating Cannula
original model, 15mm long
0.3mm diameter aspiration port
front opening irrigation port, 23 gauge thin wall
For aspiration through tubing hub and irrigation through luer-lock hub.
F7-7077





Reversed Simcoe
Irrigating-Aspirating Cannula
15mm long
0.3mm diameter aspiration port
front opening irrigation port
23 gauge thin wall
For aspiration through luer-lock hub and irrigation through tubing hub.
F7-7078





Kratz
Cystotome
sharp point and
sharp cutting edge
formed, 22 gauge
F7-7079

Cannulas





McIntyre
Cystotome
angled at 10mm
sharp point
23 gauge
F7-7080





Henderson
MICS Capsule Polishing Cannula
finely textured, 1.25mm wide
disc-shaped tip, with 0.5mm
posterior facing port
23 gauge
F7-7081





Kratz
Scratcher
front opening with
carbide impregnated tip
lightly angled
22 gauge
For polishing the posterior capsule.
F7-7082







Jensen
Capsule Polisher
carbide impregnated
front opening
For polishing the anterior and/or posterior capsule.
F7-7083 25 gauge, half-textured tip
F7-7084 23 gauge, half-textured tip





Rubman-Katzin
Posterior Capsule Polisher
carbide impregnated tip
with smooth closed end
irrigating side port
facing into curve
22 gauge
F7-7085





Lu
Posterior Capsule Polisher
flattened olive shaped tip
carbide impregnated on
the posterior surface front
opening, 23 gauge
F7-7086

Cannulas



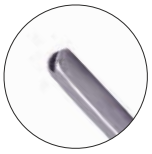


Knolle
Posterior Capsule Polisher
finely textured
2mm angled tip
front opening
F7-7087 30 gauge
F7-7088 23 gauge





Peters
Hydrodissection Cannula
3mm long, vertically flattened tip
25 gauge
F7-7089





Bishop-Harmon
Anterior Chamber Irrigator
includes 19 gauge angled cannula, adaptor and blue silicone bulb
F7-7090 complete
F7-7091 silicone bulb and adaptor
F7-7092 silicone bulb
F7-7093 adaptor
F7-7094 19 gauge cannula
F7-7095 21 gauge cannula





Hydrodissection
Cannula
angled at 8mm
flat tip, front opening
25 gauge
F7-7096





Seeley
Hydrodissection Cannula
angled at 12mm
flat tip, front opening
26 gauge
F7-7097





Dahan
Nucleus Prolapsing Cannula
angled at 4mm
miniature olive tip with
0.15mm end opening
25 gauge
F7-7098





Irrigating Cannula
dual side ports
23 gauge
F7-7099 0.4mm ports
F7-7100 0.7mm ports

Cannulas





Sauter
Hydrodissection Cannula
vertically flattened tip
front opening, 27 gauge
F7-7101



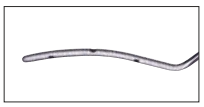


Irrigating Cannula
dual side ports
22 gauge, oval
F7-7102 0.4mm ports





Bracken
Irrigating Cannula
smooth beveled tip
front opening, 19 gauge
F7-7103



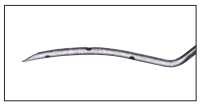


Banaji
LASIK Cannula
bullet shaped tip
6 ports for multi-directional irrigation
25 gauge
F7-7104 smooth
F7-7105 textured





Spatulated
LASIK Cannula
flattened spatulated tip
end opening
26 gauge
F7-7106





Brierley
LASIK Cannula
closed spatulated tip
6 ports for multi-directional irrigation
25 gauge
F7-7107





Fukasaku
LASIK Cannula
low profile tip, end opening
23 gauge
F7-7108





Carter
LASIK Cannula
flattened tip, end opening
25 gauge
F7-7109

Cannulas




Buratto
LASIK Cannula
slightly flattened
one front and two side ports
F7-7110 25 gauge
F7-7111 23 gauge




Labor
A/C Cannula
textured tip at 0.5mm
26 gauge
Lightly textured tip can be used for positioning an IOL without damaging the optic.
F7-7112



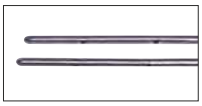

McIntyre
Anterior Chamber Cannula
smooth blunt tip, front opening
F7-7113 23 gauge, straight
F7-7114 23 gauge, angled
F7-7115 26 gauge, straight
F7-7116 26 gauge, angled
F7-7117 30 gauge, straight
F7-7118 30 gauge, angled




Gimbel
Cortex Aspirating Cannula
end opening
30 gauge
F7-7119




Gimbel
LASIK Polishing Cannula
flattened textured tip
end opening, 30 gauge
For dislodging and irrigating particles from the corneal interface.
F7-7120




Vidaurri
LASIK Cannula
double-armed
8 irrigating ports
25 gauge
F7-7121 vertical

Cannulas




Simcoe
Cortex Extractor
0.4mm side port
21mm long
F7-712223 gauge thin wall
F7-712321 gauge




Simcoe
Cortex Extractor
0.3mm side port
13mm long, 23 gauge
F7-7124 smooth tip
F7-7125 textured tip




De La O
Aspirating Cannula
0.3mm side port
angled at 12mm
25 gauge thin wall
F7-7126




Simcoe
Cortex Extractor
0.3mm side port
21mm long, 23 gauge
F7-7127 smooth tip
F7-7128 textured tip




Simcoe
Aspiration Cannula
0.3mm side port
21mm long, 22 gauge
oval
F7-7129 smooth tip
F7-7130 textured tip




Anis
Cortex Aspirating Cannula
0.4mm side port
finely textured tip
23 gauge thin wall
F7-7131 straight
F7-7132 angled

Cannulas





Morrison
Aspirating Cannula
smooth blunt tip
angled at 7mm
end opening
23 gauge
F7-7133

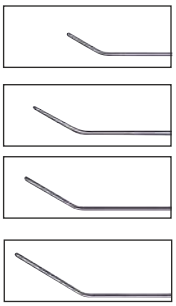




Dahan
Cortex Aspirating Cannula
0.4mm side port
finely textured tip
22 gauge thin wall
F7-7134







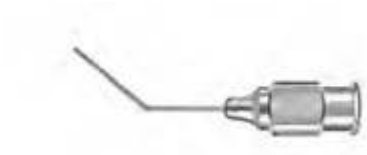
Gills
Aspirating Cannula
smooth blunt tip
end opening
angled, 25 gauge
F7-7135 5mm tip
F7-7136 7mm tip
F7-7137 8mm tip
F7-7138 10mm tip





Gimbel
Hydrodissection Cannula
smooth blunt tip
end opening
30 gauge
F7-7139





Feaster
Hydrodissection Cannula
wedge shaped tip
dual side ports
25 gauge
F7-7140





Fukasaku
HydroChop Cannula
vertically flattened tip with
dual 0.2mm sideports
23 gauge
For efficient micro incision nucleus division.
F7-7141

Cannulas





Knolle-Pearce
Irrigating Vectis
fluid flow through
three front opening ports
23 gauge loop
F7-7142





Drews
Irrigating Vectis
fluid flow through
one front and two backward
opening ports
23 gauge loop
F7-7143





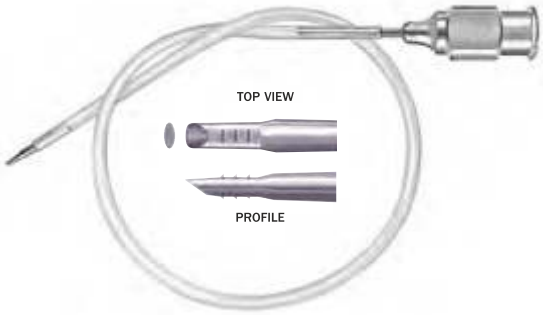
Alfonso-McIntyre
Irrigating Nucleus Spoon
single 0.3mm
front opening port
F7-7144 2.5mm wide
F7-7145 4.0mm wide



Heslin
Infusion Cannula
textured tip
F7-7146 25 gauge
F7-7147 23 gauge



Lewicky
Chamber
Maintainer
threaded tip
20 gauge
F7-7148



Brierley
Chamber Maintainer
20 gauge tapered oval tip
with self retaining fins
titanium
F7-7149

Bimanual Irrigation Aspiration System



This system is designed for bimanual irrigation and aspiration of residual cortex after phacoemulsification and removal of the nucleus. The handpieces are color coded and designed for comfortable hand position when used through two opposing side port incisions.

Irrigation Handpieces

with female connector, blue color

F8-8000 23 gauge, dual 0.3mm side ports
F8-8001 22 gauge, dual 0.4mm side ports, oval
F8-8002 21 gauge, dual 0.5mm side ports, oval
F8-8003 21 gauge, dual 0.5mm side ports

Irrigation and Aspiration Handles

For use with standard luer-lock cannulas.

Aspiration Handpieces

with male connector
side port facing into curve
magenta color

F8-8004 23 gauge, 0.3mm port
F8-8005 23 gauge, 0.3mm port, textured tip
F8-8006 21 gauge, 0.35mm port
F8-8007 21 gauge, 0.35mm port, textured tip
F8-8008 21 gauge, 0.4mm port
F8-8009 21 gauge, 0.4mm port, textured tip
F8-8010 22 gauge, 0.3mm port, oval
F8-8011 22 gauge, 0.3mm port, oval, textured tip
F8-8012 21 gauge, 0.4mm port, oval

F8-8013 **Aspiration Handle**
male/male fitting, magenta color
F8-8014 **Irrigation Handle**
male/female fitting, blue color



Sterilizing Cases • Plastic

Sterilizing Case for Diamond Knife

autoclavable plastic
with perforated silicone rack
for one knife
F9-9000 for two knives

Millimeters	Inches
160 x 60 x 25	6 ¼" x 2 ¼" x 1"



Plastic Sterilizing Cases

autoclavable plastic
with silicone finger mat
base, lid and mat are perforated
for steam penetration

Catalog #	Size	# of Instruments	Millimeters	Inches
F9-9001	small, narrow	1-2	195 x 60 x 25	7 ⅝" x 2 ¼" x 1"
F9-9002	small	2-3	160 x 70 x 25	6 ¼" x 2 ¾" x 1"
F9-9003	medium	4-6	200 x 110 x 25	7 ¾" x 4 ¼" x 1"
F9-9004	large	10-15	265 x 160 x 25	10 ⅜" x 6 ⅜" x 1"
F9-9005	large, double level	20-25	265 x 160 x 50	10 ⅜" x 6 ⅜" x 2"

Sterilizing Cases • Plastic



F9-9002



F9-9005

Sterilizing Cases

F9-9006 Inner dimensions L × W × H
280 mm × 195 mm × 45

F9-9007 Inner dimensions L × W × H
380 mm × 260 mm × 45 mm



F9-9008 Inner dimensions L × W × H
280 mm × 195 mm × 65 mm

F9-9009 Inner dimensions L × W × H
380 mm × 260 mm × 65 mm

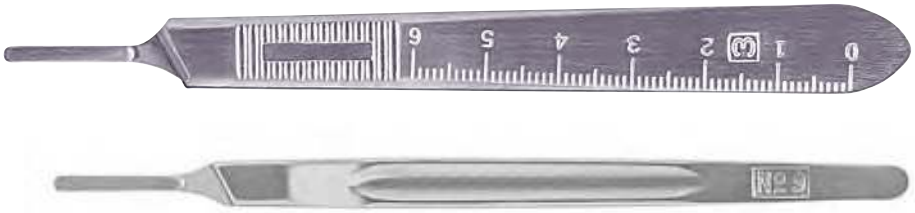


Handles

Chuck Handle
round, serrated
F20-2000 10cm
F20-2001 7.5cm



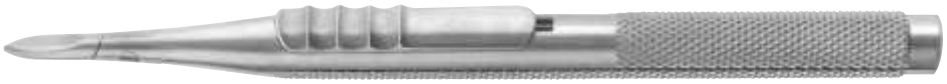
Bard-Parker Handle
for disposable slot blades
F20-2002 #3
F20-2003 #9



Bard-Parker Blade
sterile, disposable (pk/50)
F20-2004 #11
F20-2005 #15



Castroviejo
Blade Breaker and Holder
with sliding lock
F20-2006



Swiss Model
Blade Breaker and Holder
spherical tip
F20-2007



FINE HUB

OPHTHALMICS