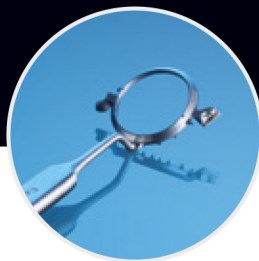


Geuder®

MILESTONES OF MODERN
OPHTHALMIC SURGERY



Amico Yasna Pars (Pr.J.S.Co)

Geuder®
Precision made in Germany

INSTRUMENTS

MAIN CATALOGUE

10 / 2021

FOCUSED ON PRECISION.

GEUDER – PRECISION MADE IN GERMANY.

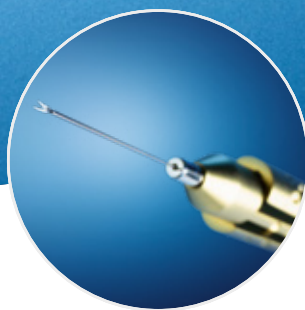
GEUDER AG was founded by Hans Geuder Sr. in Heidelberg 1951, since then it has become a worldwide leading manufacturer of ophthalmic surgical instruments and systems as well as provider for highly purified biomaterials. The broad portfolio offered by GEUDER AG includes a wide range of surgical equipment for the anterior and posterior segments of the eye, along with highly innovative biomaterials for retinal and cataract surgery developed and produced by our affiliated company FLUORON GmbH.

As a result of intensive contact and cooperations with leading experts in the ophthalmology world, GEUDER AG is continuously developing and

manufacturing the most innovative products that fulfill the international standards.

A numerous amount of granted patents in more than 70 years demonstrates our intensive involvement in research and development, as well as our forward-looking philosophy. Always keeping our goal to provide the highest level of precision and reliability while complying with the requirements of ophthalmologists to serve the patient's expectations and well being.

With over 3.000 ophthalmic surgical products being distributed in more than 100 countries, GEUDER AG covers a large range of instruments



required for surgical procedures in the anterior and posterior segment of the eye. Thanks to innovative production technologies our instruments offer a unique level of precision and longevity. The constant extension of our product range – particularly single-use instruments – is following the current and especially prospective regulatory requirements and statutory regulations in the medical sector.

Qualified and specialized employees in the field of service and repair ensure that the product's performance and quality is maintained over years – an important feature for the ophthalmic surgeon who is aware of quality and environment.

Our catalogue, in addition to classic standard instruments also displays the most representative current instruments as well as novelties and new developments for innovative surgical methods.

Please contact us for more detailed information about our surgical instruments, systems and biomaterials.

Certified to ISO 13485, 9001 and others



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GEUDER AG
Hertzstr. 4
69126 Heidelberg
Germany

Phone: +49 6221 306-6
Fax: +49 6221 303122
info@geuder.de
www.geuder.de

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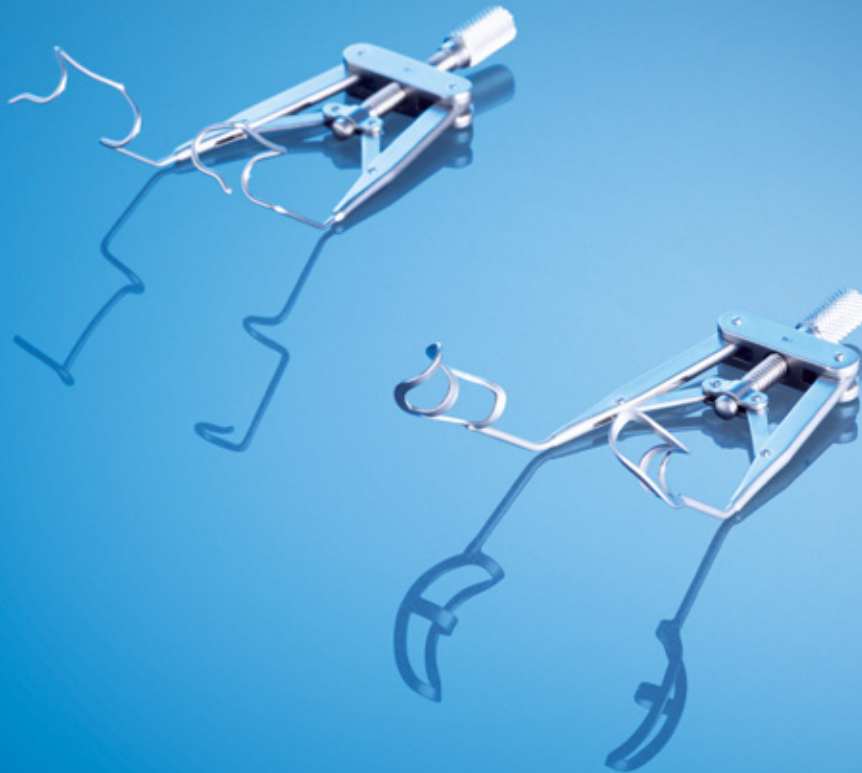
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EYE SPECULA



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G-17020

BARRAQUER
EYE SPECULUM
fenestrated
14 mm blades
overall length 38 mm

**01**

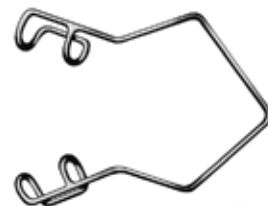
WIRE

G-17025

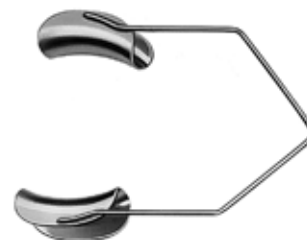
BARRAQUER
EYE SPECULUM
for infants
fenestrated
10 mm blades
overall length 40 mm

**G-17023**

BARRAQUER
EYE SPECULUM
for premature infants
fenestrated
7 mm blades
overall length 34 mm

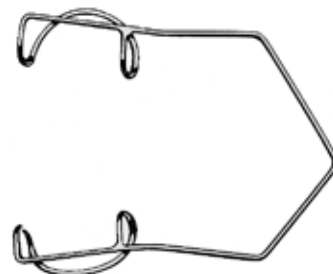
**G-17026**

BARRAQUER
EYE SPECULUM
15 mm solid blades
overall length 40 mm

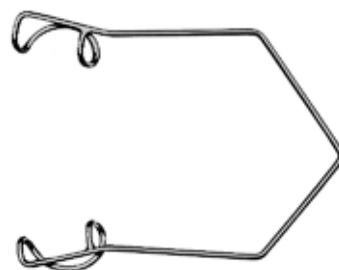


G-32136

BARRAQUER
EYE SPECULUM
fenestrated
14 mm round blades
overall length 38 mm

**G-32137**

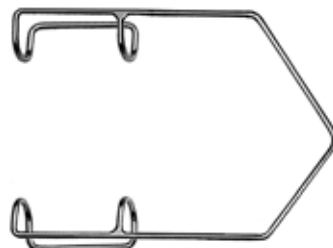
BARRAQUER
EYE SPECULUM
for infants
fenestrated
10 mm round blades
overall length 38 mm

**G-32148**

BARRAQUER
EYE SPECULUM
fenestrated
14.5 mm open blades
overall length 40 mm

**G-32149**

BARRAQUER FRANKFURT MODEL
EYE SPECULUM
fenestrated, large
14.5 mm blades
overall length 40 mm



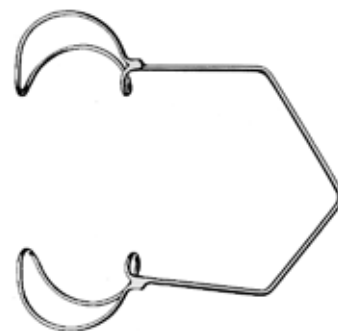
G-32133*KRATZ-BARRAQUER***EYE SPECULUM**

fenestrated

15 mm round wing blades

overall length 40 mm

to lift and retract the lids away from the globe
 eliminating external pressure

**01**

WIRE

*OHNO***EYE SPECULUM**

fenestrated

14 mm round blades

overall length 45 mm

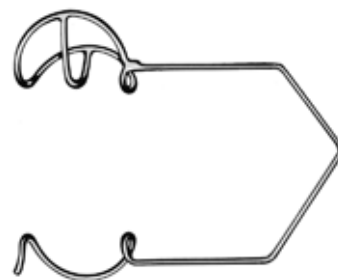
middle bar controls redundant lid tissue

G-32126

for the right eye

G-32127

for the left eye

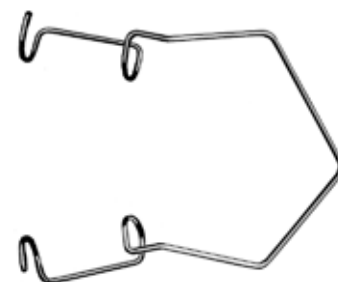
**G-17004***H.-R. KOCH***TEMPORAL APPROACH EYE SPECULUM**

for nasal placement

fenestrated

14 mm open blades

overall length 40 mm

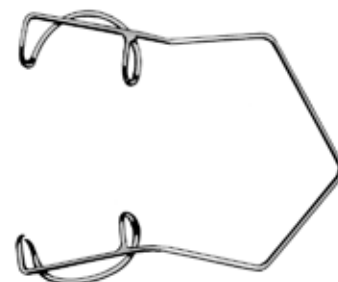
**G-32129****TEMPORAL APPROACH EYE SPECULUM**

for nasal placement

fenestrated

15 mm round blades

overall length 40 mm



*BARRAQUER-OOSTERHUIS***EYE SPECULUM**

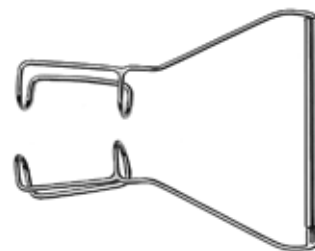
fenestrated, adjustable

G-17010

14 mm blades, overall length 40 mm

G-17011

10 mm blades, overall length 30 mm, for infants

*BARRAQUER-OOSTERHUIS***EYE SPECULUM**

solid blades, adjustable

G-17015

15 mm blades, overall length 40 mm

G-17016

11 mm blades, overall length 30 mm, for infants

*BARRAQUER-OOSTERHUIS***EYE SPECULUM**

fenestrated round blades

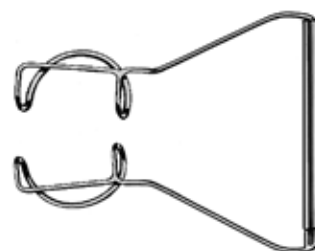
adjustable

G-32138

14 mm blades, overall length 40 mm

G-32139

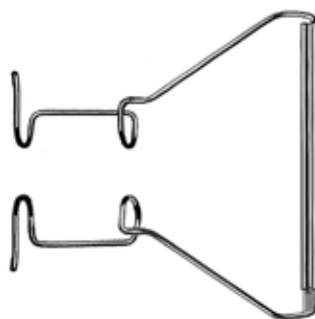
11 mm blades, overall length 30 mm, for infants

**G-17017***BARRAQUER-OOSTERHUIS-KRATZ***EYE SPECULUM**

adjustable, fenestrated

15 mm open blades

overall length 40 mm



G-32119*KRATZ-BARRAQUER***EYE SPECULUM**

adjustable, fenestrated
15 mm round wing blades
overall length 40 mm

**01**

WIRE · ADJUSTABLE

G-17027*THOMAS NEUHANN***EYE SPECULUM**

adjustable
15 mm solid blades
overall length 40 mm

**G-17030***SAUER***EYE SPECULUM**

12 mm solid blades
overall length 30 mm

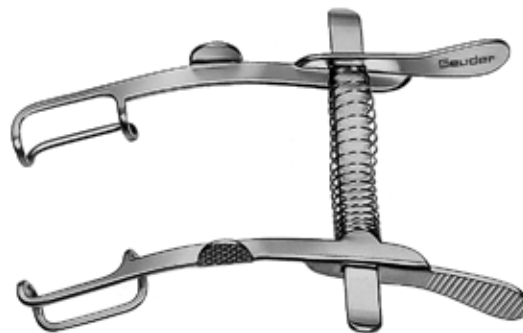
**G-32134***TAKEDA***EYE SPECULUM**

for infants
9 mm fenestrated blades
with finger grips and
angled interlacing valves
overall length 28 mm



G-15945*MELLINGER***EYE SPECULUM**

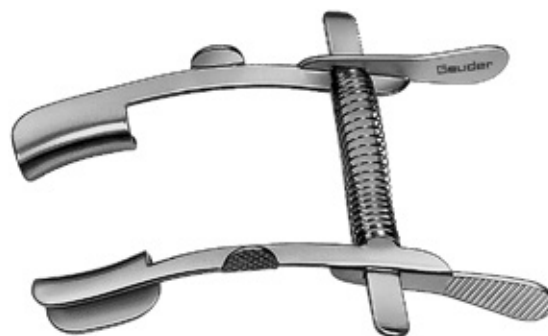
large
adjustable, self retaining
16.5 mm fenestrated blades
overall length 65 mm

**G-32130***MELLINGER***EYE SPECULUM**

small, for infants
adjustable, self retaining
12.5 mm fenestrated blades
overall length 55 mm

**G-15946***MELLINGER-BEARD***EYE SPECULUM**

large
adjustable, self retaining
15.5 mm solid blades
overall length 65 mm

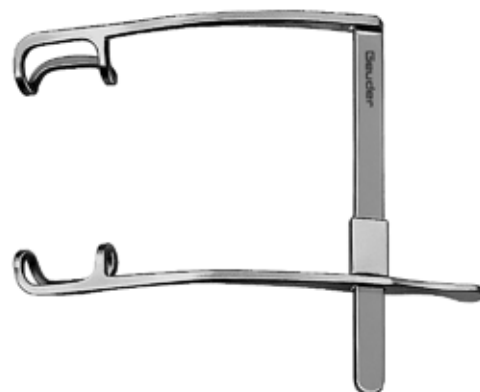
**G-32135***MELLINGER-BEARD***EYE SPECULUM**

small, for infants
adjustable, self retaining
11.5 mm solid blades
overall length 55 mm



G-16050**G-16055***PRETORI***EYE SPECULUM**

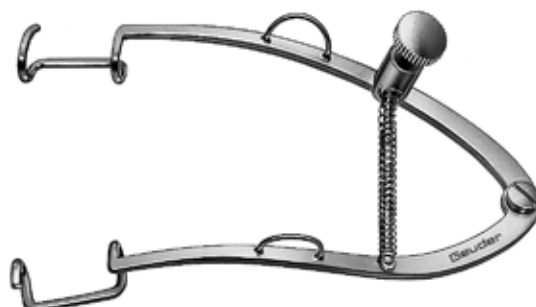
13.5 mm fenestrated blades
 adjustable, self retaining
 overall length 63 mm
 left
 right

**G-15950***WEISS***EYE SPECULUM**

fenestrated
 adjustable with locking screw
 17.5 mm blades
 overall length 85 mm

**G-15951***WEISS***EYE SPECULUM**

fenestrated
 adjustable with locking screw
 17.5 mm open blades
 overall length 85 mm

**G-15955***WEISS***EYE SPECULUM**

small
 adjustable with locking screw
 15 mm fenestrated blades
 overall length 55 mm



G-15956

WEISS

EYE SPECULUM

small

adjustable with locking screw

15 mm open blades

overall length 55 mm



G-15970

WEISS

EYE SPECULUM

adjustable with locking screw

16.5 mm solid blades

overall length 85 mm



G-15975

WEISS

EYE SPECULUM

small

adjustable with locking screw

14 mm solid blades

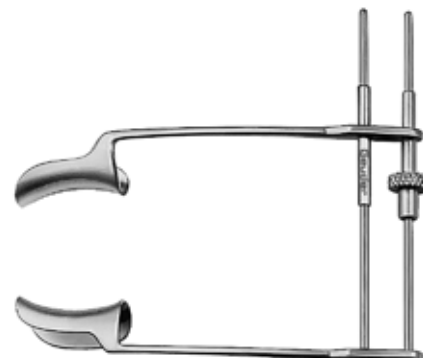
overall length 55 mm



G-16010

*BANGERTER***EYE SPECULUM**

adjustable, with locking screw
15 mm solid blades
overall length 52 mm



01

ADJUSTABLE · LOCKING

G-16020

*CASTROVIEJO***EYE SPECULUM**

fenestrated, adjustable
overall length 96 mm

G-16025

14 mm blades, small

G-16030

16 mm blades, medium

18 mm blades, large



G-15990

*COOK***EYE SPECULUM**

large
16 mm solid blades
adjustable, with locking screw
overall length 50 mm



G-15995

*COOK***EYE SPECULUM**

medium
11 mm solid blades
adjustable, with locking screw
overall length 40 mm



G-16000*COOK***EYE SPECULUM**

small

8 mm solid blades

adjustable, with locking screw

overall length 35 mm

**G-32128***COOK***EYE SPECULUM**

for infants

5 mm solid blades

adjustable, with locking screw

overall length 30 mm

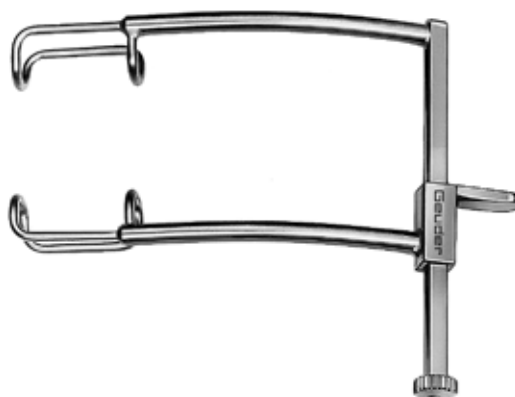
**G-17000***MURDOCK***EYE SPECULUM**

left

14 mm fenestrated blades

adjustable, self retaining

overall length 50 mm

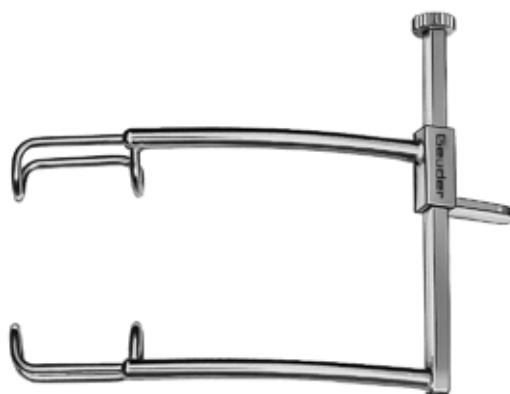
**G-17001***MURDOCK***EYE SPECULUM**

right

14 mm fenestrated blades

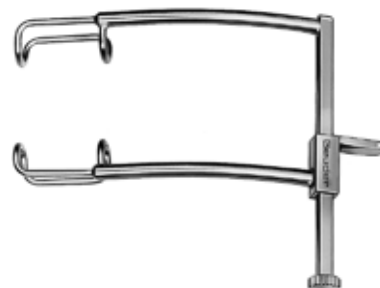
adjustable, self retaining

overall length 50 mm

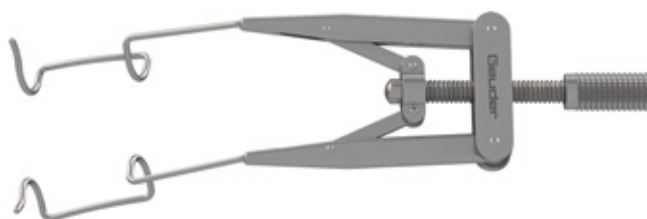


*MURDOCK***EYE SPECULUM**

small
 12 mm fenestrated blades
 adjustable, self retaining
 overall length 45 mm
 left
 right

G-17002**G-17003****G-15960***LIEBERMAN-TENNANT***EYE SPECULUM**

adjustable, fenestrated
 for temporal placement
 15 mm open blades
 overall length 80 mm

**G-15965***KERSHNER***EYE SPECULUM**

adjustable, reversible
 for nasal and temporal placement
 15 mm fenestrated blades
 overall length 75 mm

**G-15966***KERSHNER***EYE SPECULUM**

adjustable, reversible
 for nasal and temporal placement
 15 mm solid blades
 overall length 75 mm



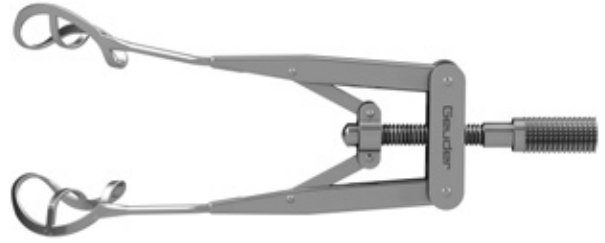
G-33965

DICK

FEMTOCATARACT EYE SPECULUM

adjustable

18 mm flattened fenestrated blades with middle bar to control redundant lid tissue
overall length 80 mm



G-33971

SOLOMON

FEMTOCATARACT EYE SPECULUM

14.5 mm flattened fenestrated blades with middle bar to control redundant lid tissue
double knurled screw for fast adjustment and fine tuning
overall length 90 mm



G-33919

SPARE TUBING SET

for eye speculum with aspiration

scale 1:2

G-33920

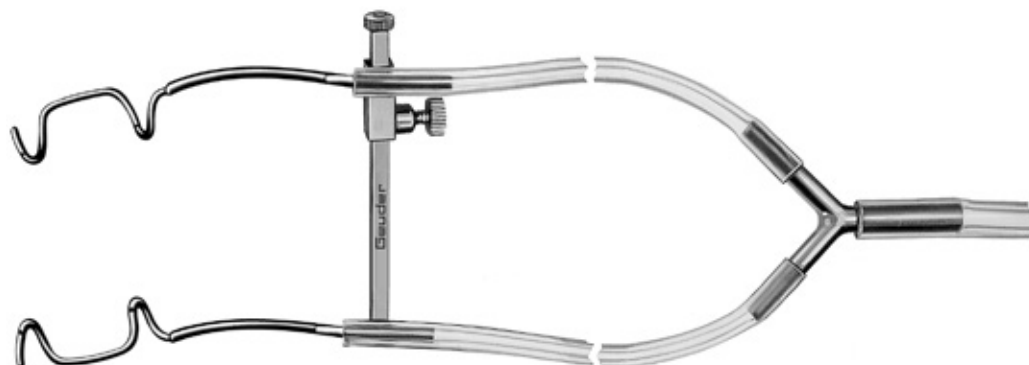
KNORZ

LASIK EYE SPECULUM

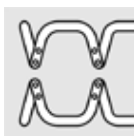
adjustable, with aspiration

16 mm fenestrated blades
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor



*NODA***EYE SPECULUM**

adjustable, with aspiration
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor

**G-17019**

15 mm open blades

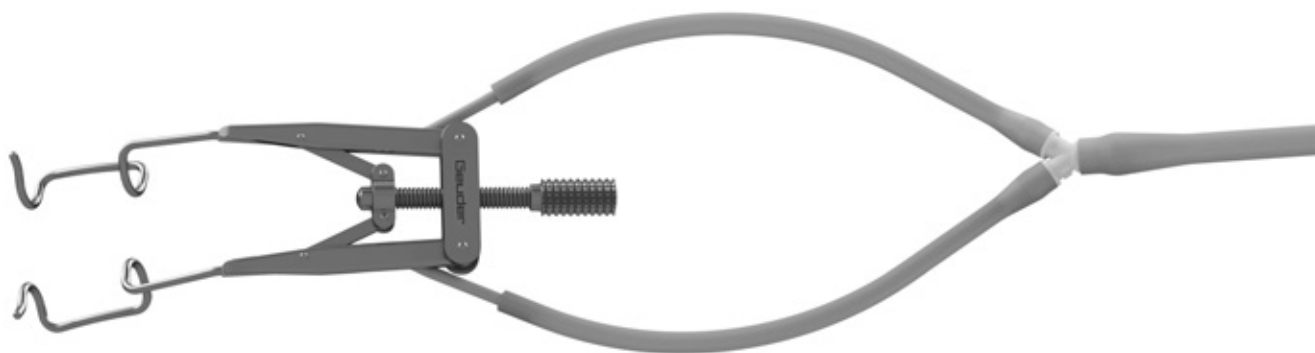
G-17021

12 mm open blades, for infants

**G-17005***PAULMANN***EYE SPECULUM**

adjustable, with aspiration
for PPV, with extra aspiration bar
16 mm fenestrated blades
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor

G-17006**CLAMP FOR INFUSION TUBE**for *PAULMANN* eye speculum (G-17005)



G-15961

LIEBERMAN-TENNANT

EYE SPECULUM

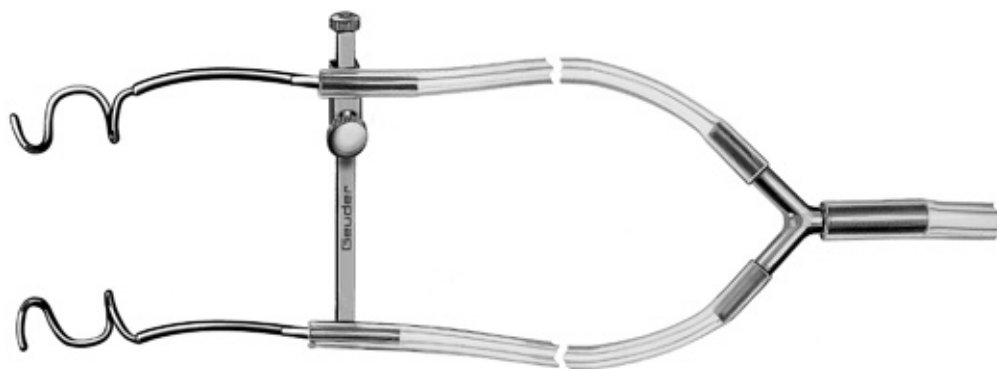
adjustable, with aspiration
for temporal placement

15 mm open blades

overall length 80 mm

to remove excess fluid from the surgical field

supplied with silicone tubing and adaptor



G-17024

KOGA / NODA

EYE SPECULUM

with 5 mm aspiration slits

adjustable

12 mm open blades

to remove excess fluid from the surgical field

supplied with silicone tubing and adaptor

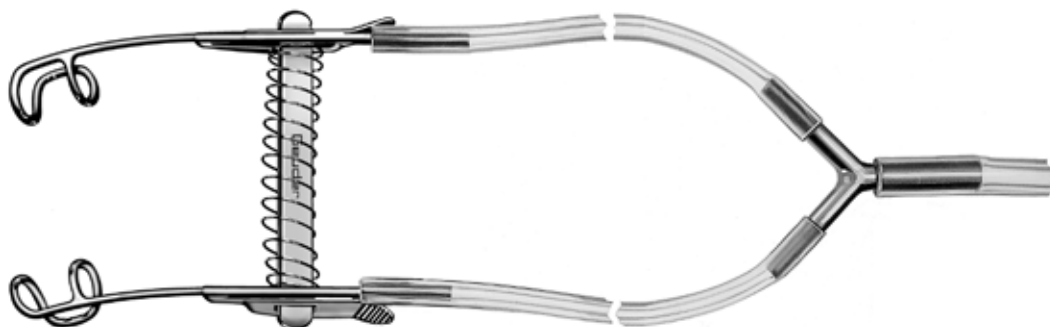
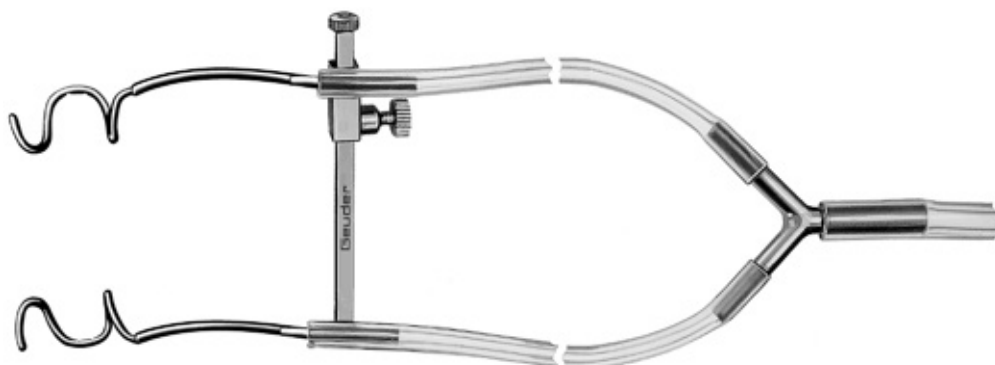


G-17031

NODA

EYE SPECULUM

adjustable, with aspiration
open blades
2 x 10 aspiration ports
supplied with silicone tubing and adaptor

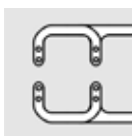


G-15962

KAMMANN

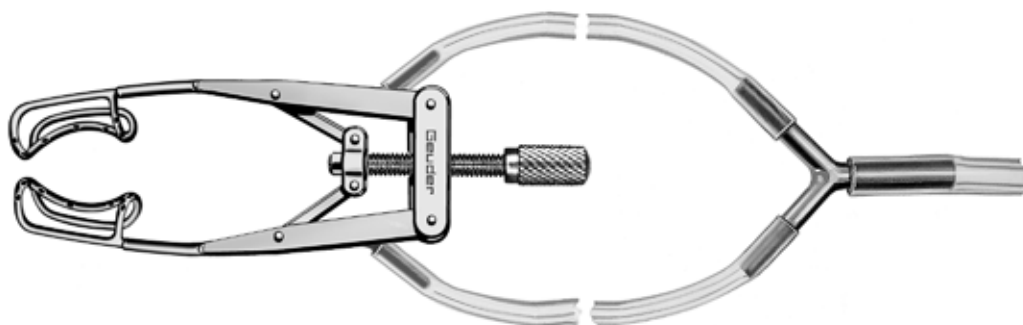
EYE SPECULUM

adjustable, with aspiration
self retaining
11 mm fenestrated blades
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor

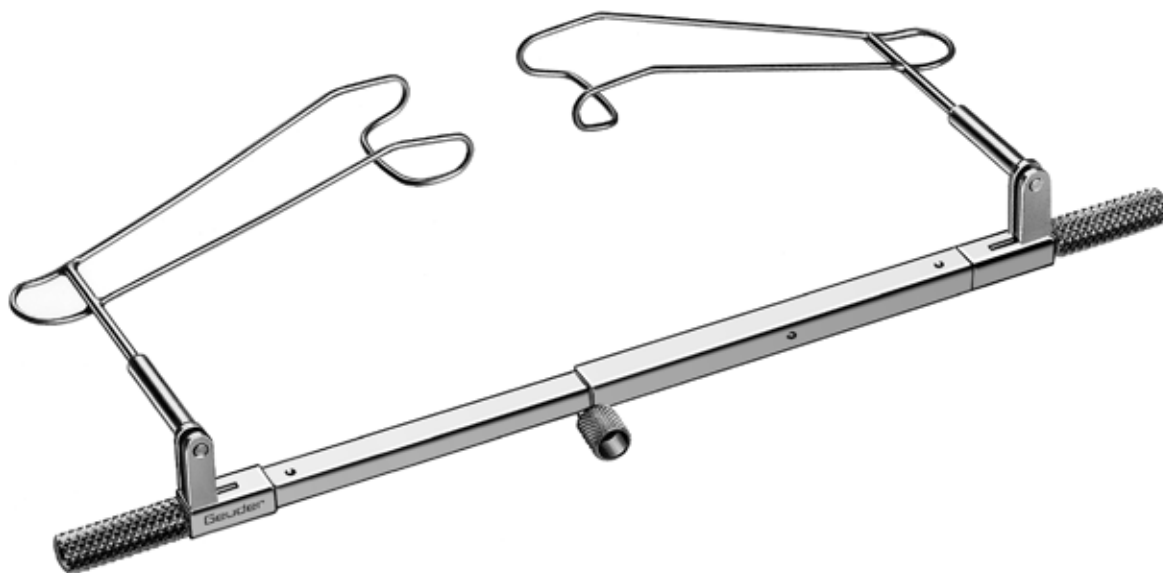


**G-33914***ZIRM***LASIK EYE SPECULUM**

adjustable, with aspiration
16 mm fenestrated blades
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor

**G-33925***MAUS***LASIK EYE SPECULUM**

adjustable, with middle aspiration bar
16 mm fenestrated blades
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor

**EYE SPECULUM**

fenestrated blades
adjustable mechanism regulates opening and blade elevation
optimal for glaucoma surgery

G-15920

large, 16 mm blades

G-15925

small, 12 mm blades

*SCHOTT***EYE SPECULUM**

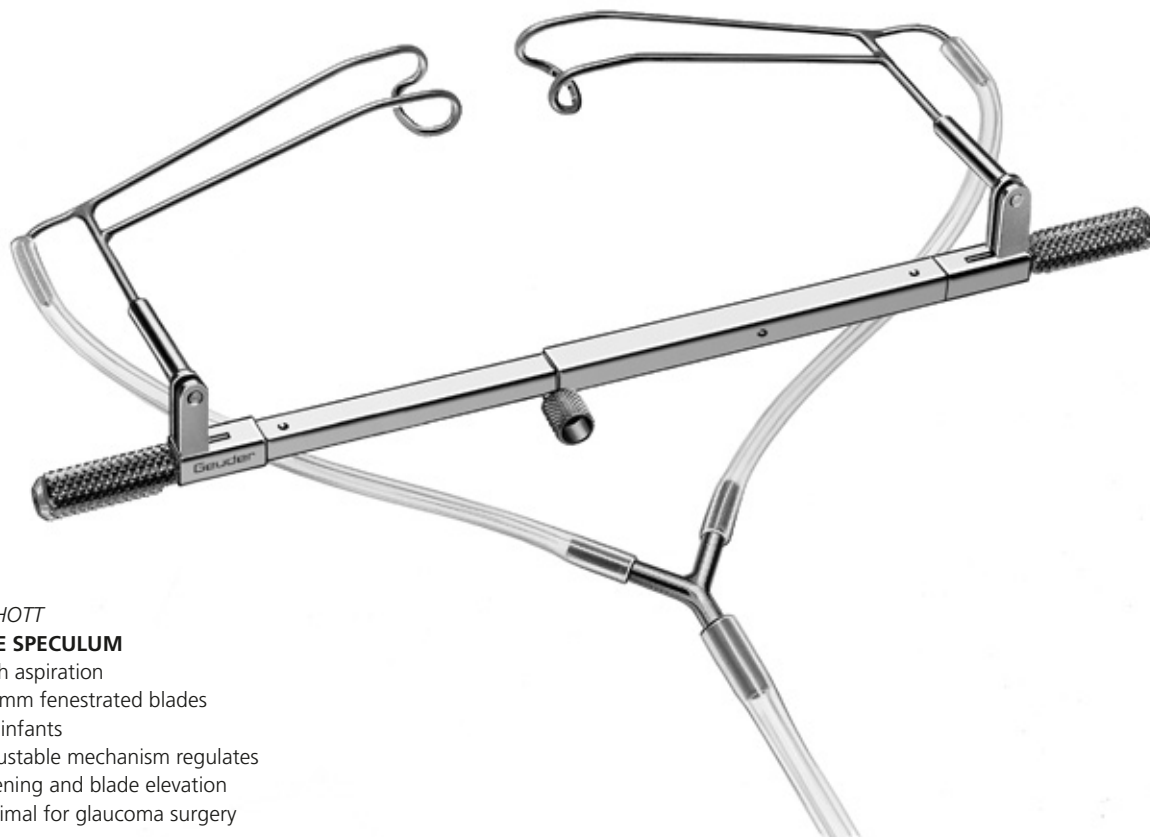
solid blades
adjustable mechanism regulates opening and blade elevation
optimal for glaucoma surgery

G-15921

large, 15 mm blades

G-15926

small, 11 mm blades



G-15928

SCHOTT
EYE SPECULUM

with aspiration
13 mm fenestrated blades
for infants
adjustable mechanism regulates
opening and blade elevation
optimal for glaucoma surgery

RETRACTORS



**G-16080**

DESMARRES
LID RETRACTOR
for infants
7 mm wide
overall length 133 mm

**G-32120**

DESMARRES
LID RETRACTOR
fig. 0
9 mm wide
overall length 138 mm

**G-16060**

DESMARRES
LID RETRACTOR
fig. 1
12 mm wide
overall length 133 mm

**G-16065**

DESMARRES
LID RETRACTOR
fig. 2
14 mm wide
overall length 135 mm



G-16070 *DESMARRES*
LID RETRACTOR
fig. 3
16 mm wide
overall length 138 mm



G-16075 *DESMARRES*
LID RETRACTOR
fig. 4
17 mm wide
overall length 138 mm



G-32115 *GIESSEN MODEL*
LID RETRACTOR
14 mm wide, fenestrated
overall length 133 mm



G-17040 *JAEGER*
LID PLATE
stainless steel
20 mm and 23 mm concave ends
overall length 110 mm



G-15542 *AXENFELD*
LACRIMAL SAC RETRACTOR
4 prongs, blunt
9 mm wide
overall length 140 mm



AXENFELD
LACRIMAL SAC RETRACTOR
3 prongs, 7 mm wide
overall length 140 mm
G-15540 blunt
G-15545 sharp



AXENFELD
LACRIMAL SAC RETRACTOR
2 prongs, 4 mm wide
overall length 140 mm
G-15550 blunt
G-15555 sharp



G-15560 *ROLLET*
LACRIMAL SAC RETRACTOR
4 prongs, sharp
6 mm wide
overall length 140 mm



GUTHRIE

RETRACTOR

double skin hook, sharp

overall length 125 mm

small

large

G-15350

G-15355



G-17085

AMERICAN MODEL

LACRIMAL SAC RETRACTOR

4 x 4 prongs, blunt

cross-action

adjustable, self retaining

overall length 100 mm



G-17070

MUELLER

LACRIMAL SAC RETRACTOR

3 x 3 prongs

adjustable

overall length 70 mm



G-17080

GOLDSTEIN

LACRIMAL SAC RETRACTOR

3 x 3 prongs

adjustable

overall length 30 mm

CALIPERS, MARKERS
MEASURING INSTRUMENTS
TONOMETER, OCULOPRESSOR



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THOMAS NEUHANN

CORNEAL MARKER

with cross hairs
inside diameter 3.0 mm
outside diameter 12.0 mm
overall length 105 mm

G-33725

4 blades

G-33726

6 blades

G-33727

8 blades

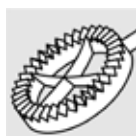


G-32222

THOMAS NEUHANN

CORNEAL MARKER

for astigmatic keratotomy
10° scale and cross-hairs
6.0 mm inside diameter
8.0 mm outside diameter
overall length 105 mm



HOFFER

CORNEAL MARKER

for optic zone
with cross hairs
overall length 103 mm

G-33730

inside diameter 3.0 mm

G-33732

inside diameter 3.5 mm

G-33733

inside diameter 3.75 mm

G-33734

inside diameter 4.0 mm

G-33735

inside diameter 4.5 mm

G-33736

inside diameter 5.0 mm

G-33737

inside diameter 5.5 mm

G-33738

inside diameter 6.0 mm

G-33739

inside diameter 6.5 mm

G-33740

inside diameter 7.0 mm

G-33741

inside diameter 7.5 mm

G-33742

inside diameter 8.0 mm



G-38600

THOMAS NEUHANN

CORNEAL MARKER

for DSAEK/DSEK/DMEK procedures
combination of 8.0 mm / 9.0 mm diameters
to produce a guide for Descemetorhexis
overall length 123 mm



G-33780

G-33781

LINDSTROM

CORNEAL MARKER

to mark arcuate incisions
for surgical correction of astigmatism
overall length 100 mm
optic zone 6.0 mm
optic zone 7.0 mm



G-32228

G-32229

DUNCKER

SUTURE MARKER

8-pointed star and cross hairs
to center the trephine and perform
double running suture
overall length 102 mm
for 7.0 mm transplant
for 8.0 mm transplant

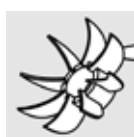


G-32224

THOMAS NEUHANN

SUTURE MARKER

8 blades
for keratoplasty
fits with *KRUMEICH* GTS
overall length 102 mm



SUFFO / HOMBURG MODEL

CORNEA SUTURE MARKER

for penetrating keratoplasty (PK)
to fix the corneal graft by a Hoffmann
double running crossed diagonal suture
with 2 x 8 bites

G-33743

for 7.5 mm grafts

G-33744

for 8.0 mm grafts



CASTROVIEJO

CALIPER

scale on both sides
with 1 mm increments
15 mm scale, overall length 78 mm
20 mm scale, overall length 85 mm

G-19130

15 mm scale, overall length 78 mm

G-19135

20 mm scale, overall length 85 mm



G-19138

OSHER

INCISION MEASURING CALIPER

1 to 10 mm
scale on both sides
for internal measurement of cataract incisions
overall length 75 mm



G-37400

BRAUNSTEIN

FIXED CALIPER

for marking of sclerotomy site
at 3.5 mm posterior to the surgical limbus
overall length 45 mm



BRAUNSTEIN

FIXED CALIPER

for marking of sclerotomy site posterior
to the surgical limbus
overall length 80 mm

G-37410

3.0 mm / 3.5 mm

G-37412

3.0 mm / 4.0 mm

G-37414

3.5 mm / 4.0 mm

G-37418

4.0 mm / 5.0 mm





- G-18650** **RULER**
150 mm
0.5 mm and 1.0 mm increments

- G-18645** *GIESSEN MODEL*
RULER
vaulted
1 to 30 mm
overall length 60 mm



- G-32225** *VOGT*
SCLERAL RULER
vaulted
1 to 20 mm
overall length 126 mm



- G-32004** *ENGELS*
MEASURING SPATULA
1 to 15 mm
angled 45°
overall length 88 mm



- G-32210** *FRONIMOPOULUS*
TRABECULECTOMY MARKER
5 x 5 mm
U-shaped marking pattern
overall length 70 mm



- G-32209** *TOBIAS NEUHANN*
SCLERAL FLAP MARKER
5.0 mm and 4.0 mm
U-shaped marking patterns
swivel handle allows marking from temporal
or superior approach



G-15797

FINK

STRABISMUS MARKER

1 mm criss-cross marking tips
for accurate 9 mm recession of the
inferior oblique muscle
overall length 87 mm



G-33785

GRENE

VISUAL AXIS MARKER

0.5 mm diameter
concave tip
overall length 103 mm

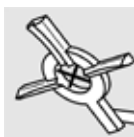


G-33745

MENDEZ

LASIK CORNEAL MARKER

for lamellar flap identification
and realignment
overall length 105 mm



G-33746

CHAYET

LASIK CORNEAL MARKER

for lamellar flap identification
and realignment
overall length 105 mm

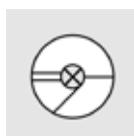


G-33747

LU

LASIK CORNEAL MARKER

for lamellar flap identification
and realignment
overall length 105 mm



03

STRABISMUS MARKERS · LASIK MARKERS

G-32318

MALONEY
KERATOMETER

for qualitative measurement of astigmatism
overall length 20 mm



G-33760

MENDEZ
DEGREE GAUGE

measures from 0° to 180°
5° increments
12 mm inside diameter
overall length 110 mm



G-33762

DEGREE GAUGE

for toric IOLs
with 5° increments and
rotating alignment rings
12 mm inside diameter
overall length 110 mm



G-33763

GERTEN
HORIZONTAL AXIS MARKER

for precise marking of the 0° axis
during toric IOL implantation
or refractive laser surgery
overall length 105 mm



G-33774

SCOTT
CORNEAL PENDULUM MARKER

for temporary placement of
0°, 90°, and 180° pre-op toric marks
self-leveling pendulum assures precise
horizontal axis
overall length 110 mm



G-33777

**TOMARK
ADJUSTABLE CORNEAL MARKER**

to mark the axis of astigmatism during toric IOL placement
0° to 180° degree gauge
5° increments
overall length 32 mm

for use in combination with slit lamp or G-33776



G-33776

TOMARK PENDULUM INSTRUMENT

self-leveling handheld pendulum assures precise
horizontal axis
overall length 140 mm

to retain TOMARK corneal marker G-33777

G-33778

RETAINER FOR PENDULUM INSTRUMENT

for G-33776 TOMARK
overall length 180 mm

scale 1:2



03

TORIC MARKERS



G-19230 *SCHIOETZ*
TONOMETER
with two weights of 7.5 g and 10 g

G-15392 *HOMBURG MODEL*
OCULOPRESSOR

G-15393 **SILICONE BALL**
with band, for Oculopressor
HOMBURG MODEL G-15392



CURETTES SPOONS



G-15900

MEYHOEFER
CHALAZION CURETTE
1.0 mm diameter cup
overall length 129 mm

**G-15870**

MEYHOEFER
CHALAZION CURETTE
2.0 mm diameter cup
overall length 129 mm

**G-15875**

MEYHOEFER
CHALAZION CURETTE
2.5 mm diameter cup
overall length 129 mm

**G-15880**

MEYHOEFER
CHALAZION CURETTE
3.0 mm diameter cup
overall length 129 mm

**G-15885**

MEYHOEFER
CHALAZION CURETTE
4.0 mm diameter cup
overall length 129 mm





G-15840 *HEBRA*
CHALAZION CURETTE
 small
 2.5 mm x 4.0 mm oval scoop
 overall length 133 mm



G-15910 *AXENFELD*
CHALAZION CURETTE
 double ended
 4.5 x 2.5 mm and 6.5 x 3.0 mm oval cures
 overall length 144 mm

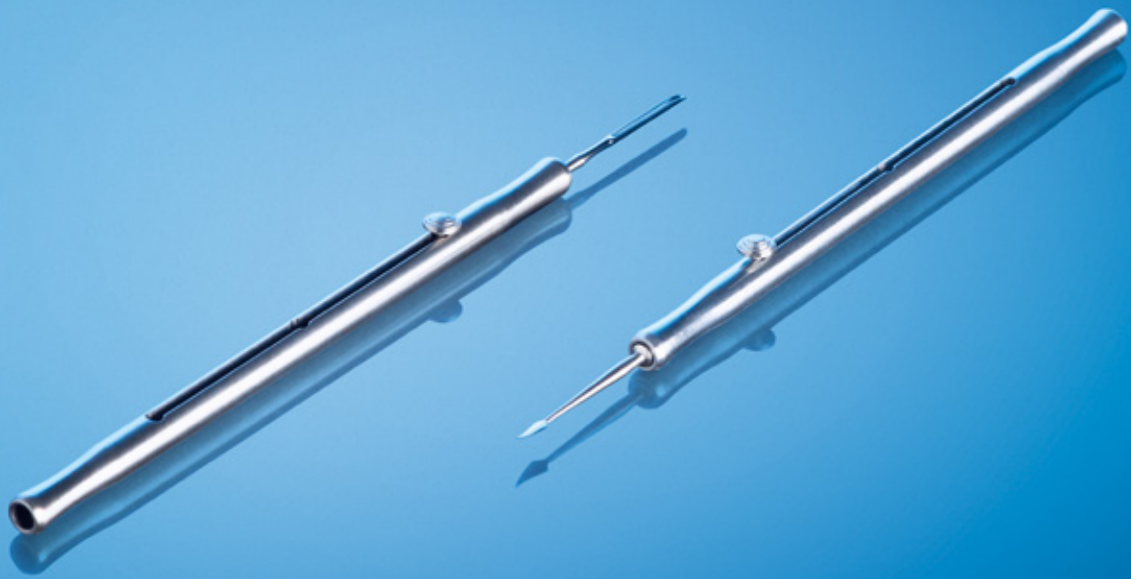


G-31545 *BUNGE*
EXENTERATION CURETTE
 medium
 10 mm spoon
 overall length 142 mm



G-31555 *BUNGE*
EXENTERATION CURETTE
 large
 12 mm spoon
 overall length 144 mm

FOREIGN BODY INSTRUMENTS





G-14550 **FOREIGN BODY INSTRUMENT**
 double-ended with sliding handle
 2.2 mm wide curved needle
 1 mm wide *PLANGE* spud
 overall length 95 mm



G-14540 **FOREIGN BODY INSTRUMENT**
 double ended with sliding handle
 2.2 mm wide curved needle
 1.4 mm wide gouge
 overall length 95 mm



G-14530 **FOREIGN BODY INSTRUMENT**
 double ended with sliding handle
 2.2 mm wide curved needle
 1.4 mm wide spud
 overall length 95 mm

G-14490

FOREIGN BODY NEEDLE

straight
4.5 mm long triangular tip
2.4 mm wide
overall length 120 mm



G-14500

FOREIGN BODY NEEDLE

curved
4.5 mm long triangular tip
2.4 mm wide
overall length 120 mm



G-14570

PLANGE

FOREIGN BODY SPUD

curved and rounded
1 mm wide spud
overall length 125 mm



G-14480

FOREIGN BODY GOUGE

straight
1.4 mm wide gouge
overall length 116 mm



05

FOREIGN BODY SPUDS · NEEDLES · GOUGES

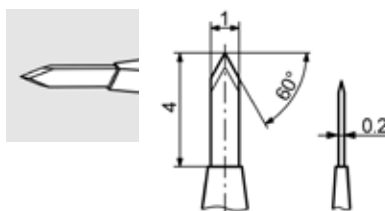
KNIVES DIAMOND KNIVES



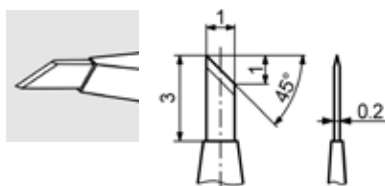
PARACENTESIS · SIDEPORT · UNIVERSAL	59
TRIFACET · CLEAR CORNEA	60
CRESCENT · STEP TRIFACET · LRI	61
MICROMETER · VISCOCANALOSTOMY · RETINAL SURGERY	62
KERATOME · CHALAZION · SCLERAL	63
CORNEAL SCARIFIER · DMEK SCRAPER	64
SATO	65
MICRO · CRVO	66


G-38475 DIACLEAN DIAMOND KNIFE

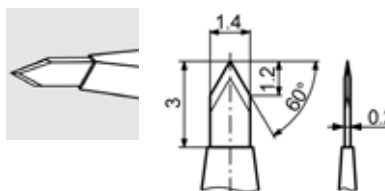
for paracentesis
 1 mm wide spear
 titanium handle
 width 1.0 mm
 length 4.0 mm
 thickness 0.2 mm


G-38344 DIACLEAN DIAMOND KNIFE

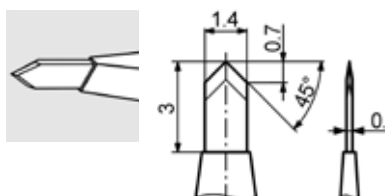
1 mm wide, 45° diamond blade
 titanium handle
 width 1.0 mm
 length 3.0 mm
 thickness 0.2 mm


G-38341 DIACLEAN DIAMOND KNIFE

60° spear diamond blade
 titanium handle
 width 1.4 mm
 length 3.0 mm
 thickness 0.2 mm


G-38343 DIACLEAN DIAMOND KNIFE

45° spear diamond blade
 titanium handle
 width 1.4 mm
 length 3.0 mm
 thickness 0.2 mm

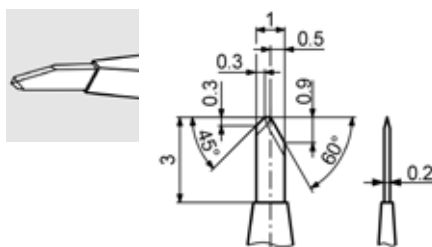


06

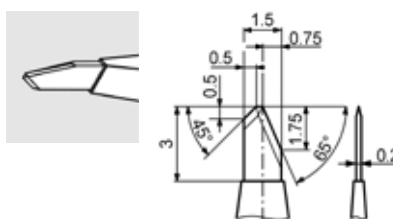
DIAMOND KNIVES: PARACENTESIS · SIDEPORT · UNIVERSAL



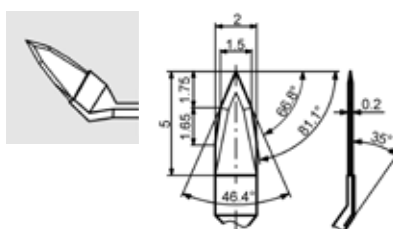
- G-38342** **DIACLEAN TRI-FACET DIAMOND KNIFE**
 1 mm wide tri-facet diamond blade
 titanium handle
 width 1.0 mm
 length 3.0 mm
 thickness 0.2 mm



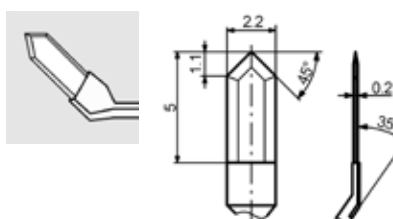
- G-38473** *PHAM*
DIACLEAN TRI-FACET DIAMOND KNIFE
 titanium handle
 width 1.5 mm
 length 3.0 mm
 thickness 0.2 mm



- G-38448** **DIACLEAN CLEAR-CORNEA-INCISION DIAMOND KNIFE, 1.5/2.0 mm**
 MICS trapezoid blade, 35° angled
 4 cutting edges
 titanium handle
 width 1.5 / 2.0 mm
 length 5.0 mm
 thickness 0.2 mm

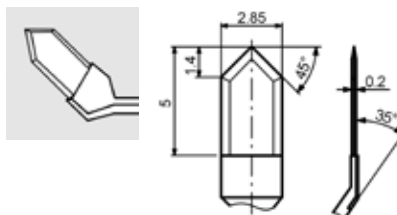


- G-38444** **DIACLEAN CLEAR-CORNEA-INCISION DIAMOND KNIFE, 2.2 MM**
 4 cutting edges, 35° angled
 titanium handle
 width 2.2 mm
 length 5.0 mm
 thickness 0.2 mm

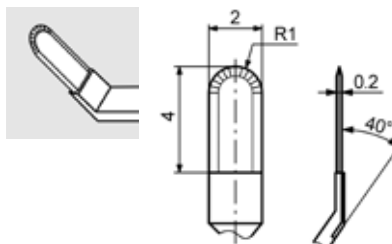


**G-38453**
**DIACLEAN CLEAR-CORNEA-INCISION
DIAMOND KNIFE, 2.85 MM**

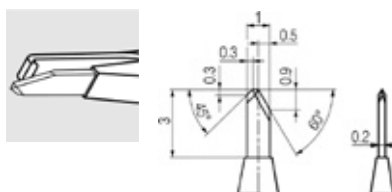
4 cutting edges, 35° angled
 titanium handle
 width 2.85 mm
 length 5.0 mm
 thickness 0.2 mm

**G-38466**
**DIACLEAN DIAMOND
CRESCENT KNIFE, 2.0 MM**

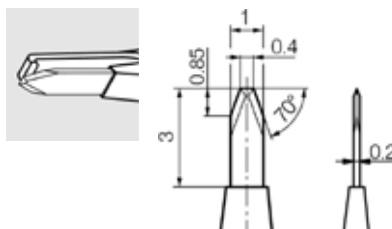
round spatula shape, 40° angled
 titanium handle
 width 2.0 mm
 length 4.0 mm
 thickness 0.2 mm

**G-31470**
TRI-FACET DIAMOND STEP KNIFE

single footplate, titanium handle
 stepwise adjustable
 in sterilizing case
 width 1.0 mm
 length 3.0 mm
 thickness 0.2 mm

**G-31468**
**LIMBAL RELAXING INCISION
DIAMOND KNIFE**

LRI knife with 0.6 mm precalibrated depth
 single footplate, titanium handle
 width 1.0 mm
 length 3.0 mm
 thickness 0.2 mm

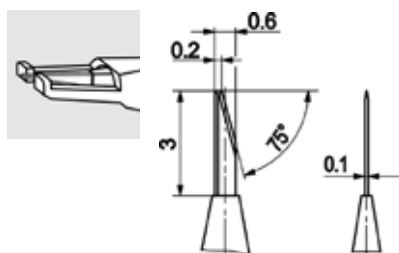
**06**

DIAMOND KNIVES: CLEAR CORNEA · CRESCENT · STEP KNIFE · LRI

G-31480

DIAMOND MICROMETER KNIFE

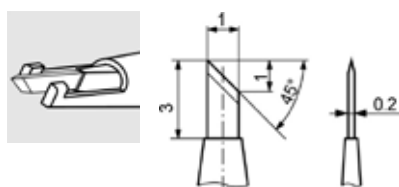
tri-facet for keratotomy
vertical and 15° cutting edges with
0.2 mm flat base cutting edge
double footplate, titanium handle
width 0.6 mm
length 3.0 mm
thickness 0.1 mm



G-19345

DIAMOND MICROMETER KNIFE

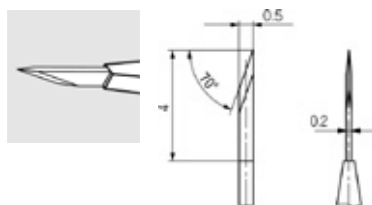
for keratotomy
single 45° cutting edge
double footplate, titanium handle
width 1.0 mm
length 3.0 mm
thickness 0.2 mm



G-31487

DIAMOND KNIFE

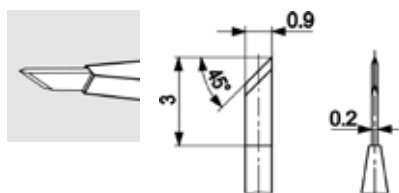
for viscocanalostomy
0.5 mm wide, 70° diamond blade
width 0.5 mm
length 4.0 mm
thickness 0.2 mm



G-31477

RETINA DIAMOND KNIFE

45° cutting edge
20 gauge / 0.9 mm
titanium handle
width 0.9 mm
length 3.0 mm
thickness 0.2 mm





G-14420 *HAMBURG MODEL*
KERATOME
 angled at 14 mm from tip
 10 mm cutting surface
 1.1 mm wide
 overall length 120 mm



G-14000 **CHALAZION KNIFE**
 straight, delicate
 10 mm cutting surface
 1.8 mm wide
 overall length 120 mm



G-14105 **MICRO ROUND KNIFE**
 for viscocanalostomy
 0.8 mm diameter disc-shaped blade
 overall length 112 mm



G-14180 *BONN MODEL*
SCLERAL KNIFE
 7 mm blade, rounded tip
 overall length 126 mm



G-14185 *BONN MODEL*
SCLERAL KNIFE
 4 mm blade, rounded tip
 overall length 126 mm

*KUHN T***CORNEAL SCARIFIER**

rounded tip

overall length 123 mm

G-14010

fig. 1, 5.5 mm x 2.5 mm blade

G-14020

fig. 2, 4.5 mm x 2.0 mm blade

**G-38621***SZURMAN***DMEK PREPARATION SCRAPER**

4.0 mm lower blade, blunt

1.5 mm rounded tip, sharp

for removal of Descemet's membrane from graft

overall length 117 mm

**G-14200***PAUFIQUE***KERATOPLASTY KNIFE**

2 mm long cutting edge

1.7 mm wide semi-circular tip

overall length 105 mm

**G-33670***LOHMANN***LASEK EPI PEELER**

"Hockey" knife with

5 mm bottom blade and 2 mm front blade

overall length 123 mm

**STILETTO**

45° lancet

overall length 53 mm

for instruments with

G-33022

23 gauge / 0.6 mm

G-33025

20 gauge / 0.9 mm

G-33026

19 gauge / 1.1 mm



G-14165 **SATO KNIFE**
1.5 mm cutting edge
pointed tip
overall length 123 mm



G-16200 *DARDENNE*
SATO KNIFE
1.2 mm cutting edge
pointed tip
overall length 123 mm



G-37555 *FOERSTER*
SATO KNIFE
conical shaft
front: 30 gauge / 0.3 mm
rear: 20 gauge / 0.9 mm
overall length 125 mm



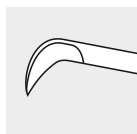
G-14162 *HANSEN*
SATO KNIFE
double edge,
for arteriovenous dissection
20 gauge / 0.9 mm
overall length 130 mm



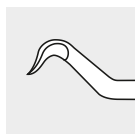
HANSEN

MICRO KNIFE

for paravasal retinal incision
during arteriovenous dissection
20 gauge / 0.9 mm



angled blade, 1.0 mm
G-12230



angled blade, 1.2 mm
G-12233



angled blade, 1.5 mm
G-12235

06

MICRO · CRVO

G-12200

CRVO KNIFE

for Radial Opticus Neurotomy (RON)
with Central Retinal Vein Occlusion (CRVO),
20 gauge / 0.9 mm
overall length 120 mm

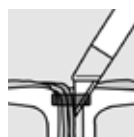
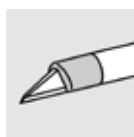


G-12220

DITHMAR

CRVO KNIFE

with preset incision depths at 1.5 mm,
for radial opticus neurotomy (RON)
with Central Retinal Vein Occlusion (CRVO),
20 gauge / 0.9 mm
overall length 129 mm



TREPHINES



**BEST
TREPHINE**

overall length 58 mm



G-31815	1.0 mm
G-31820	1.2 mm
G-31825	1.3 mm
G-31830	1.4 mm

G-31835	1.5 mm
G-31840	1.6 mm
G-31845	1.7 mm
G-31850	1.8 mm

G-31860	2.0 mm
G-31865	2.5 mm

SCHMIDT-MUMM
DUCT TREPHINE

overall length 38 mm



G-20610	1.0 mm
G-20611	1.1 mm
G-20612	1.2 mm

G-20613	1.3 mm
G-20614	1.4 mm
G-20615	1.5 mm

G-20616	1.6 mm
G-20617	1.7 mm
G-20618	1.8 mm

HAMBURG MODEL
KERATOPLASTY TREPHINE

overall length 40 mm



G-20040	4.0 mm	G-20060	6.0 mm	G-20090	9.0 mm	G-20113	13.0 mm
G-20050	5.0 mm	G-20065	6.5 mm	G-20100	10.0 mm	G-20114	14.0 mm
G-20054	5.4 mm	G-20070	7.0 mm	G-20110	11.0 mm	G-20115	15.0 mm
G-20055	5.5 mm	G-20080	8.0 mm	G-20112	12.0 mm	G-20116	16.0 mm

BEST
KERATOPLASTY TREPHINE

overall length 75 mm



G-20450	5.0 mm	G-20470	7.0 mm	G-20510	11.0 mm	G-20550	15.0 mm
G-20455	5.5 mm	G-20480	8.0 mm	G-20520	12.0 mm	G-20560	16.0 mm
G-20460	6.0 mm	G-20490	9.0 mm	G-20530	13.0 mm		
G-20465	6.5 mm	G-20500	10.0 mm	G-20540	14.0 mm		

FRANCESCHETTI
KERATOPLASTY TREPHINE

overall length 75 mm



G-17250	5.0 mm	G-17270	7.0 mm	G-17290	9.0 mm
G-17260	6.0 mm	G-17271	7.1 mm	G-17291	9.1 mm
G-17261	6.1 mm	G-17280	8.0 mm	G-17300	10.0 mm
		G-17281	8.1 mm		

MANY TREPHINES ALSO AVAILABLE IN MINUS, INTERMEDIATE AND PLUS SIZES

G-31870*THOMAS NEUHANN***CORNEAL PUNCH**

for keratoplasty trephines with thread from
G-33870 to G-33899, with silicone block for
donor cornea

**KERATOPLASTY TREPHINE**

with thread, for *NEUHANN*
corneal punch G-31870
overall length 40 mm



G-33870 7.0 mm
G-33872 7.2 mm
G-33873 7.3 mm
G-33874 7.4 mm
G-33875 7.5 mm
G-33876 7.6 mm
G-33877 7.7 mm
G-33878 7.8 mm
G-33879 7.9 mm

G-33880 8.0 mm
G-33882 8.2 mm
G-33884 8.4 mm
G-33885 8.5 mm
G-33886 8.6 mm
G-33887 8.7 mm

G-33890 9.0 mm
G-33895 9.5 mm
G-33897 9.7 mm
G-33899 9.9 mm

- G-32671** *ÖRK LINZ MODEL*
SILICONE BLOCK FOR DMEK
 for donor cornea
 white-colored
 outside diameter 30 mm
 height 19 mm
 only for single use, not sterile



- G-32672** **SILICONE BLOCK**
 for donor cornea
 blue-colored
 outside diameter 30 mm
 height 19 mm
 only for single use, not sterile



- G-32674** **SILICONE BLOCK WITH CENTER POINT**
 for donor cornea
 blue-colored
 outside diameter 20 mm
 height 10 mm
 only for single use, not sterile



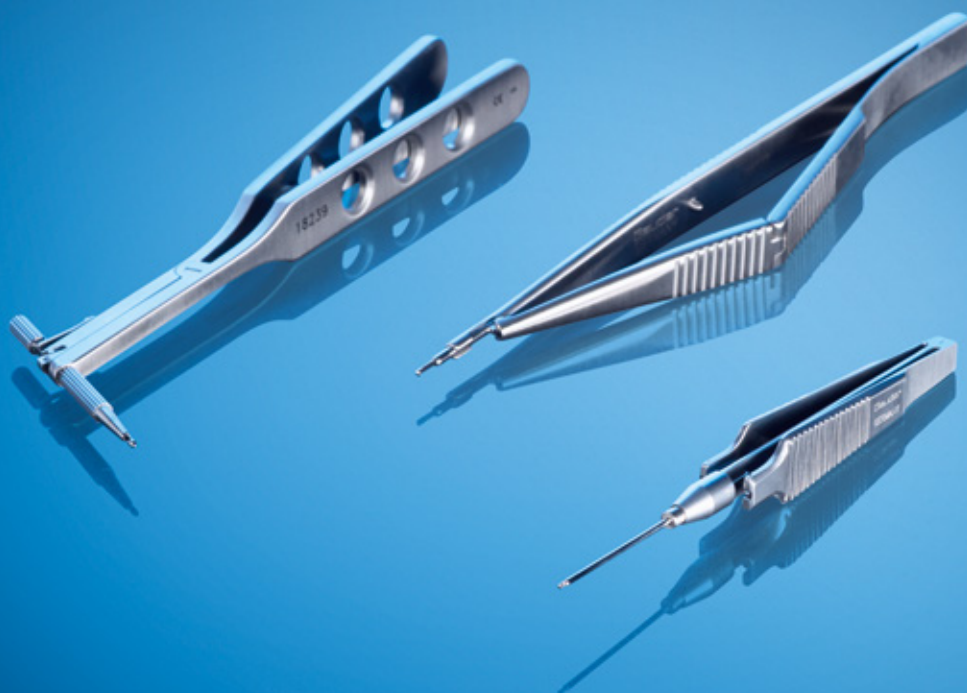
- G-38620** *SZURMAN*
DMEK GRAFT RETAINER
 for preparation of DMEK graft
 white-colored
 outside diameter 35 mm
 height 10 mm
 Teflon, for multiple use

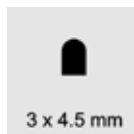


07

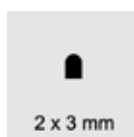
SILICONE BLOCKS

GLAUCOMA PUNCHES RONGEURS

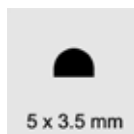


G-18210*CITELLI***BONE NIBBLING RONGEUR**
 3 mm x 4.5 mm bite
 overall length 150 mm


scale 2:5

G-18220*BEYER***BONE NIBBLING RONGEUR**
 2 mm x 3 mm bite
 overall length 140 mm


scale 2:5

G-18225*KERRISON***BONE NIBBLING RONGEUR**
 5 mm x 3.5 mm bite
 overall length 160 mm


scale 2:5

08

RONGEURS



G-18238

KELLY

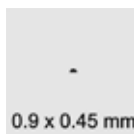
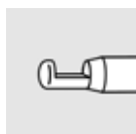
DESCMET'S MEMBRANE PUNCH

for Glaucoma

19 gauge / 1.0 mm

0.9 mm x 0.45 mm bite

overall length 122 mm



0.9 x 0.45 mm



G-18239

LUNTZ-DODICK

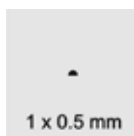
TRABECULECTOMY PUNCH

for Glaucoma

with 360° rotatable cutting head

1 mm x 0.5 mm bite

overall length 115 mm



1 x 0.5 mm



G-18235

GREHN

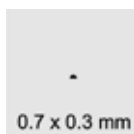
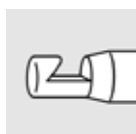
MICRO TRABECULECTOMY PUNCH

for Glaucoma

20 gauge / 0.9 mm

0.7 mm x 0.3 mm bite

overall length 90 mm



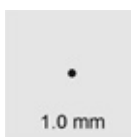
0.7 x 0.3 mm

**G-18237**

GASS
CORNEOSCLERAL PUNCH
 for Glaucoma
 with 360° rotatable cutting head
 1.5 mm x 0.6 mm bite
 overall length 85 mm

**G-18232**

MOHR
GLAUCOMA PUNCH
 1 mm circular bite
 overall length 78 mm

**08**

GLAUCOMA PUNCHES

SCISSORS



CORNEAL	81
CORNEAL · STITCH	82
SYNECHIA · TRABECULUM · CAPSULE	83
CAPSULE · IRIS	86
IRIS · IOL	87
TENOTOMY	89
TENOTOMY · STRABISMUS	90
MISCELLANEOUS · RING HANDLE	91
ENUCLEATION	94
VITREORETINAL	95

*TROUTMAN***CORNEAL SCISSORS**

7 mm blades
9.5 mm from tip to pivot
overall length 100 mm
right, curved blades, blunt tips
left, curved blades, blunt tips

G-19710**G-19715***CASTROVIEJO***CORNEAL SCISSORS**

lower blade 9.5 mm
upper blade 9.0 mm
overall length 105 mm
right, curved blades, blunt tips
left, curved blades, blunt tips

G-19690**G-19695***KATZIN***KERATOPLASTY SCISSORS**

6 mm blades
8 mm from tip to pivot
overall length 100 mm
right, curved blades, blunt tips
left, curved blades, blunt tips

G-19720**G-19725****G-19718***SAUTTER***CORNEAL SCISSORS**

light curve, fine blunt tips
10 mm blades
14 mm from tip to pivot
overall length 100 mm

**G-19780***CASTROVIEJO***CORNEAL SCISSORS**

strong curve, blunt tips
12 mm blades
15 mm from tip to pivot
overall length 103 mm

**G-19790***CASTROVIEJO***CORNEAL SCISSORS**

angled to side, blunt tips
12 mm blades
overall length 110 mm



CORNEAL SCISSORS

light curve
8 mm blades
overall length 105 mm
sharp tips
blunt tips

G-19600

G-19605



CORNEAL SCISSORS

strong curve, blunt tips
6 mm blades, overall length 105 mm
11 mm blades, overall length 110 mm

G-19607

G-19615



G-19727

MACKENSEN

KERATOPLASTY SCISSORS

strong curve, blunt tips
overall length 85 mm



G-19585

CORNEAL SECTION SCISSORS

angled up, 8 mm blades
blunt tips
overall length 100 mm



G-19570

MICRO STITCH SCISSORS

straight, 8 mm blades
sharp tips
overall length 105 mm



G-19580

FINE

STITCH SCISSORS

straight, 14 mm blades
sharp tips
overall length 110 mm



G-19590 *CASTROVIEJO*
ANTERIOR SYNECHIA SCISSORS
angled up
9 mm vaulted blades, blunt tips
overall length 105 mm



G-19740 *CASTROVIEJO*
ANTERIOR SYNECHIA SCISSORS
angled up
15 mm vaulted blades, blunt tips
overall length 115 mm



TRABECULUM SCISSORS
sharp tips
8.5 mm blades
1.5 mm pivot width
overall length 80 mm
G-19745 straight
G-19747 curved



CAPSULOTOMY SCISSORS
angled up, sharp tips
2 mm pivot width
overall length 80 mm
G-19776 9 mm blades
G-19777 11 mm blades



G-32100 **CAPSULOTOMY SCISSORS**
angled, lightly curved tips
13 mm blades
2 mm pivot width
overall length 80 mm



G-32101 **CAPSULOTOMY SCISSORS**
angled, strongly curved tips
13 mm blades
2 mm pivot width
overall length 80 mm



G-32105 **CAPSULOTOMY SCISSORS**
lightly curved, sharp tips
11 mm blades
1.8 mm pivot width
overall length 88 mm



G-32023 CAPSULOTOMY SCISSORS

curved, sharp tips
7 mm blades
1.8 mm pivot width
overall length 80 mm



G-19620 TUEBINGEN MODEL CAPSULOTOMY SCISSORS

straight, sharp tips
9 mm blades
1.8 mm pivot width
overall length 88 mm



G-19630 TUEBINGEN MODEL CAPSULOTOMY SCISSORS

curved, sharp tips
9 mm blades
1.8 mm pivot width
overall length 88 mm



G-19760 VANNAS CAPSULOTOMY SCISSORS

extra delicate, straight
6 mm blades, sharp tips
1.7 mm pivot width
overall length 80 mm



G-19765 VANNAS CAPSULOTOMY SCISSORS

extra delicate, curved
6 mm blades, sharp tips
1.7 mm pivot width
overall length 80 mm



G-19770 VANNAS CAPSULOTOMY SCISSORS

extra delicate, angled to side
7 mm blades, sharp tips
overall length 80 mm



G-19775

VANNAS

CAPSULOTOMY SCISSORS

extra delicate, angled up
7 mm blades, sharp tips
overall length 80 mm



G-32940

H.-R. KOCH

CAPSULE SCISSORS

horizontal, 45° angled
2.5 mm blades, 360° rotatable head
22 gauge / 0.7 mm straight shaft
overall length 107 mm



G-32942

BRAUWEILER

CAPSULE SCISSORS

vertical, 1.25 mm blades
22 gauge / 0.7 mm curved shaft
overall length 100 mm



G-38246

YAE

CAPSULE SCISSORS

interchangeable, titanium, gold-colored
3 mm straight micro blades
23 gauge / 0.6 mm curved shaft
for cutting synechia, iridotomies,
and to rescue the rhexis during MICS
overall length 42 mm
for use with handle G-38240



G-38240

JAPAN MODEL

HANDLE

for capsule scissors and forceps
6 mm, titanium
overall length 90 mm



09

CAPSULOTOMY · ROTATABLE · INTERCHANGEABLE



OSHER
CAPSULE SCISSORS
 360° rotatable and
 interchangeable tips
 22 gauge / 0.7 mm
 overall length 45 mm
 to use with handpiece
 G-38215



OSHER
CAPSULE SCISSORS
 horizontal, 45° angled
G-38236



OSHER
CAPSULE SCISSORS
 horizontal, 90° angled
G-38238

OSHER
HANDPIECE FOR CAPSULE SCISSORS
 8 mm titanium handpiece, gold-colored
G-38215



09

CAPSULE (INTERCHANGEABLE AND ROTATABLE) · IRIS

G-32948 *HATTENBACH*
HYBRID SCISSORS
 to cut sutures during iris and
 dislocated IOL fixation
 1.25 mm blades
 25 gauge / 0.5 mm angled shaft



G-19540 *NOYES*
IRIS SCISSORS
 straight
 18 mm blades
 overall length 120 mm
 sharp tips
G-19545 sharp-blunt
G-19550 blunt tips



G-19640 *WECKER*
IRIS SCISSORS
 11 mm blades
 overall length 110 mm
 sharp tips
G-19655 blunt tips



- G-19660** *WECKER*
G-19675 **IRIS SCISSORS**
7 mm blades
overall length 110 mm
sharp tips
blunt tips



- G-19680** *BARRAQUER*
IRIS SCISSORS
7 mm blades
blunt tips
overall length 56 mm

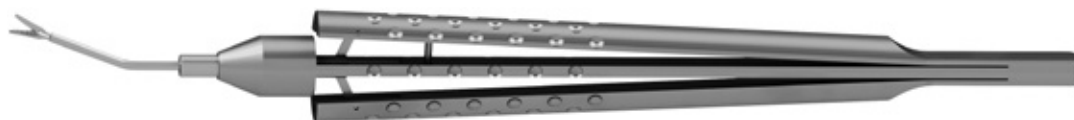


- G-32945** *STEINMETZ*
IOL SCISSORS
6.5 mm upper blade
serrated lower tip with groove
overall length 92 mm
For cutting acrylic and silicone foldable IOLs



- G-32946** *STEINMETZ*
IOL SCISSORS
for small incision technique
6.5 mm upper blade
serrated lower tip with groove
overall length 92 mm
For cutting acrylic and silicone foldable IOLs





SNYDER-OSHER

IOL SCISSORS

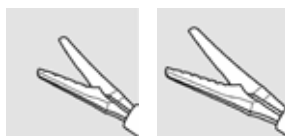
For cutting acrylic and silicone foldable IOLs
lower notched blade to create IOL traction

18 gauge / 1.2 mm shaft

overall length 150 mm

short model, 3.5 mm blades

long model, 4.5 mm blades



G-32998

G-32996



G-32800

H.-R. KOCH

SILICONE LENS BI-SECTOR

for dividing implanted silicone lenses

overall length without wire loop 130 mm

5 wire loops included (G-32811)

WIRE LOOP

for *H.-R. KOCH* silicone lens bi-sector

(G-32800)

overall length 65 mm (loop 12 mm)

G-32810

1 piece

G-32811

5 pieces



COMBINED

NEEDLE HOLDER / SCISSORS

curved 12 mm blades with

3 mm needle holder and tying platform

used to hold, place, and cut fine suture material

overall length 125 mm

without lock

with lock



G-17440

G-17441

G-19750 *WESTCOTT*
SCISSORS
blunt tips
curved, standard blades
overall length 120 mm



G-19751 *WESTCOTT*
SCISSORS
pointed tips
curved, standard blades
overall length 120 mm



G-32250 *WESTCOTT*
SCISSORS
blunt tips
curved, delicate blades
overall length 100 mm



G-19470 *STEVENS*
TENOTOMY SCISSORS
short blades, blunt tips
22 mm from tip to pivot
overall length 105 mm
G-19475 straight
curved



G-19480 *STEVENS*
TENOTOMY SCISSORS
long blades, blunt tips
28 mm from tip to pivot
overall length 110 mm
G-19485 straight
curved



G-32614

BONN MODEL

TENOTOMY SCISSORS

curved blades, blunt tips
24 mm from tip to pivot
overall length 90 mm



G-19430

BONN MODEL

STRABISMUS SCISSORS

blunt tips
24 mm from tip to pivot
overall length 90 mm

G-19435

straight
curved



G-19420

STRABISMUS SCISSORS

long blade
28 mm from tip to pivot
overall length 105 mm

G-19425

straight
curved



09

TENOTOMY · STRABISMUS · RING HANDLE

STRABISMUS SCISSORS

short blade
28 mm from tip to pivot
overall length 110 mm
straight
curved

G-19460**G-19465****EYE SCISSORS**

straight, sharp tips
overall length: tip to pivot:

G-19350	90 mm	27 mm
G-19355	100 mm	29 mm
G-19360	115 mm	30 mm
G-19365	120 mm	36 mm

G-19350**G-19355****G-19360****G-19365****EYE SCISSORS**

curved, sharp tips
overall length: tip to pivot:

G-19370	90 mm	27 mm
G-19375	100 mm	28 mm
G-19380	110 mm	29 mm
G-19385	120 mm	34 mm

G-19370**G-19375****G-19380****G-19385**

G-19390

G-19395

EYE SCISSORS

delicate, sharp tips
31 mm from tip to pivot
overall length 105 mm
straight
curved



G-19400

G-19405

BONN MODEL

EYE SCISSORS

extra delicate
sharp tips
19 mm from tip to pivot
overall length 90 mm
curved
straight



G-19410

SPENCER

STITCH SCISSORS

20 mm straight blades
with hook to lift and
secure sutures before cutting
overall length 90 mm



G-19450*GRAEFFE***EYE SCISSORS**

angled up
blunt tips
overall length 90 mm

**G-19505****EYE SCISSORS**

angled to side, probe tip
sharp-blunt
overall length 115 mm

**G-19510****EYE SCISSORS**

angled to side, probe tips
blunt tips
overall length 115 mm

**09**

UTILITY · PROBE TIPS · RING HANDLE

G-31315

OPERATING SCISSORS

straight blades

sharp-blunt

overall length 145 mm



ENUCLEATION SCISSORS

curved blades, blunt

40 mm from tip to pivot

overall length 135 mm

G-19520

strong curve

G-19525

medium curve

G-19530

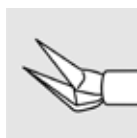
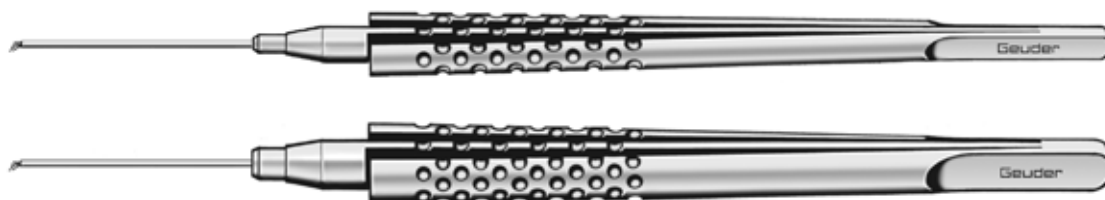
light curve



20 GAUGE

VITREORETINAL SCISSORS

20 gauge / 0.9 mm
titanium handle
gold-colored
overall length 155 mm



45° angle
horizontal
G-36502 6 mm handle
G-36504 8 mm handle



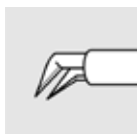
curved
with membrane peeler
G-36506 6 mm handle



curved
G-36512 6 mm handle
G-36514 8 mm handle



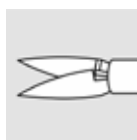
KROLL
angled, with membrane peeler
G-36516 6 mm handle
G-36518 8 mm handle



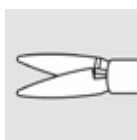
HEIMANN
angled
G-36526 6 mm handle
G-36528 8 mm handle



60° angled
G-36546 6 mm handle



HEIMANN
straight
G-36532 6 mm handle
G-36534 8 mm handle



HEIMANN
straight, blunt tips
G-36536 6 mm handle
G-36538 8 mm handle



curved
horizontal
G-36552 6 mm handle
G-36554 8 mm handle



NAITO
long blade 3.5 mm
curved, tapered tip
G-36556 6 mm handle
G-36558 8 mm handle

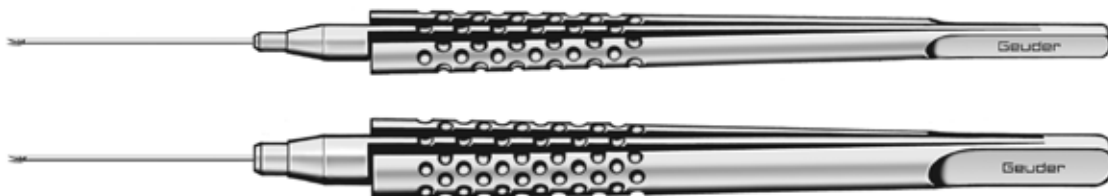


ROIDER
for RPE transplantation, vitrectomies
and retinectomies
G-36572 6 mm handle
G-36574 8 mm handle

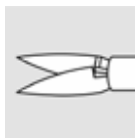
23 GAUGE

VITREORETINAL SCISSORS

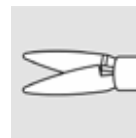
23 gauge / 0.6 mm
titanium handle
gold-colored
overall length 155 mm



curved
G-36566 6 mm handle
G-36568 8 mm handle



HEIMANN
straight
G-36576 6 mm handle
G-36578 8 mm handle



HEIMANN
straight, blunt tips
G-36582 6 mm handle



HEIMANN
for use with 23 gauge trocar system
angled, sharp tips
G-36540 6 mm handle
G-36541 8 mm handle

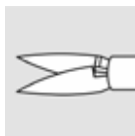
25 GAUGE

VITREORETINAL SCISSORS

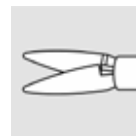
25 gauge / 0.5 mm
titanium handle
gold-colored



curved
G-36562 6 mm handle
G-36564 8 mm handle



HEIMANN
straight
G-36586 6 mm handle
G-36588 8 mm handle



HEIMANN
straight, blunt tips
G-36592 6 mm handle

ERGOLINE
ERGOLINE SCISSORS

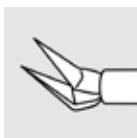
360° rotatable and interchangeable tips
 for Ergoline handles 6 and 8 mm diameter
 overall length 55 mm

ERGOLINE HANDPIECE

for Ergoline scissors
 gold-colored
 overall length 105 mm

G-36900 6 mm titanium handpiece

G-36901 8 mm titanium handpiece


ERGOLINE SCISSORS

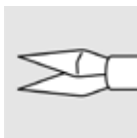
45° angled
 horizontal
 20 gauge / 0.9 mm
G-36902


KROLL
ERGOLINE SCISSORS

angled, with membrane peeler
 20 gauge / 0.9 mm
G-36915


HEIMANN
ERGOLINE SCISSORS

angled
 20 gauge / 0.9 mm
G-36925


HEIMANN
ERGOLINE SCISSORS

straight
G-36930 20 gauge / 0.9 mm


NAITO
ERGOLINE SCISSORS

long blade 3.5 mm, curved
 tip tapered to 0.75 mm
 20 gauge / 0.9 mm
G-36955 20 gauge / 0.9 mm


CLEANING ADAPTER

for rotatable and
 interchangeable tips
G-36604

SINGLE-USE
 INTERCHANGEABLE SCISSORS
 AVAILABLE ON P. 221

UNO
 COLORLINE

FORCEPS



CILIA · FOREIGN BODY	101
CONJUNCTIVA	102
SUTURING	103
SUTURING · COLIBRI STYLE · CORNEA	104
CORNEA · SUTURING · TYING	105
IRIS	110
CAPSULORHEXIS	113
NUCLEUS · SPREADING	120
IOL	121
MUSCLE	126
VITREORETINAL	128
CHALAZION · PTOSIS	134
MOSQUITO · HEMOSTAT	135
TOWEL CLAMPS · SERREFINES	136

- G-18720** *HENRY*
CILIA FORCEPS
straight jaws
smooth, blunt, squared tips
overall length 100 mm



- G-18730** *GRADLE*
CILIA FORCEPS
curved jaws
smooth, blunt, squared tips
overall length 98 mm



- G-18750** *BARRAQUER*
CILIA FORCEPS
lightly angled
6.5 mm platform
overall length 109 mm



- G-18740** *BEER*
CILIA FORCEPS
3 mm platform
rounded tips 4.5 mm wide
overall length 78 mm



- G-18850** *SHAAF*
CILIA AND FOREIGN BODY FORCEPS
grooved tips
curved and pointed
finger grip handle
overall length 96 mm



- G-31620** *BARRAQUER*
CILIA AND SUTURE FORCEPS
grooved tips, 7.0 mm platform
curved and pointed
finger grip handle
overall length 112 mm

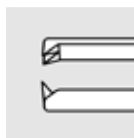


- G-32740** *HAMBURG MODEL*
CILIA AND FOREIGN BODY FORCEPS
tapered fine tips
overall length 90 mm



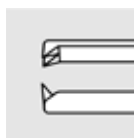
G-31230

KREFELD MODEL
CONJUNCTIVA FORCEPS
standard
1 x 2 teeth
overall length 100 mm



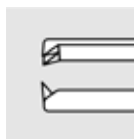
G-31235

FREIBURG MODEL
CONJUNCTIVA FORCEPS
delicate
1 x 2 teeth
overall length 90 mm



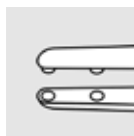
G-18847

KAUFMANN
CONJUNCTIVA FORCEPS
standard
1 x 2 teeth
5 mm tying platform
overall length 75mm



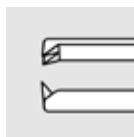
G-18810

DRAEGER
CONJUNCTIVA FORCEPS
1.2 mm wide
2 atraumatic fixation knobs
overall length 97 mm



G-18848

FOERSTER
CONJUNCTIVA FORCEPS
delicate
1 x 2 teeth
finger grip handle
overall length 95 mm





CASTROVIEJO

SUTURING FORCEPS

1 x 2 teeth

6 mm tying platform

overall length 100 mm

0.28 mm, teeth 0.12 mm

G-19001

G-19005

G-19010

G-19015

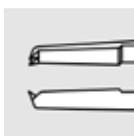
G-19020

0.3 mm

0.6 mm

0.9 mm

1.2 mm



CASTROVIEJO

SUTURING FORCEPS

new model

1 x 2 teeth

6 mm tying platform

overall length 109 mm

0.25 mm, teeth 0.12 mm

G-19022

G-19023

G-19024

G-19025

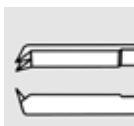
G-19026

0.3 mm

0.5 mm

0.9 mm

1.2 mm



G-19008

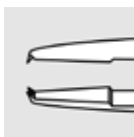
MUNICH MODEL

SUTURING FORCEPS

1 x 2 teeth, 0.35 mm

5.5 mm tapered tying platform

overall length 100 mm



ZUERICH MODEL
SUTURING FORCEPS
 delicate
 1 x 2 teeth, 0.12 mm
 5 mm tying platform
 overall length 75 mm
 straight
 angled

G-18965
G-18966



G-18950 **COLIBRI FORCEPS**
 1 x 2 teeth, 0.12 mm
 5 mm tying platform
 overall length 75 mm



G-18960 **MICRO COLIBRI FORCEPS**
 delicate
 1 x 2 teeth, 0.12 mm
 5 mm tying platform
 overall length 77 mm



G-15134 **MICRO COLIBRI FORCEPS**
 extra delicate
 1 x 2 teeth, 0.12 mm
 4 mm tying platform
 overall length 76 mm



G-18975 *BARRAQUER*
SUTURE REMOVING FORCEPS
 very fine pointed tips
 4 mm tying platform
 overall length 77 mm



G-18972 *THOMAS NEUHANN*
KERATOPLASTY FORCEPS
 for corneal suturing and fixation
 two prongs with 1 x 2 teeth
 0.8 mm prong spread
 overall length 80mm



G-18970

REMKY

KERATOPLASTY FORCEPS

two prongs with 1 x 1 teeth, angled
1.7 mm prong spread
for corneal suturing and fixation
overall length 80 mm

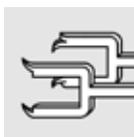


G-38623

REMKY

DMEK KERATOPLASTY FORCEPS

modified by *SZURMAN*
two prongs with 1 x 1 teeth, straight
1.7 mm prong spread
33 mm shafts
to hold graft during preparation
overall length 89 mm



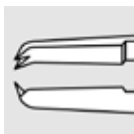
G-18940

G-18945

PAUFIQUE

UNIVERSAL SUTURING FORCEPS

1 x 2 teeth
6 mm tying platform
overall length 88 mm
standard
delicate



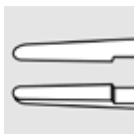
G-19045

G-19046

PAUFIQUE

TYING FORCEPS

with platform
overall length 88 mm
standard, 6 mm platform
delicate, 5 mm platform



10

CORNEAL FIXATION · PAUFIQUE SUTURING/TYING

G-19030

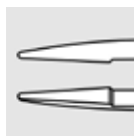
TUEBINGEN MODEL

TYING FORCEPS

straight, smooth jaws

6 mm tying platform

overall length 101 mm



G-19040

TUEBINGEN MODEL

TYING FORCEPS

curved, smooth jaws

6 mm tying platform

overall length 99 mm



G-19035

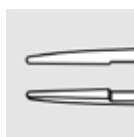
TUEBINGEN MODEL

TYING FORCEPS

delicate, smooth jaws

4 mm tying platform

overall length 84mm



G-19034

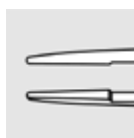
BONN MODEL

TYING FORCEPS

extra delicate, smooth jaws

3 mm tying platform

overall length 73 mm



G-19032

TYING FORCEPS

angled, 7.5 mm
6 mm tying platform
overall length 99 mm

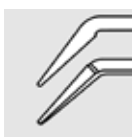


G-31625

DARDENNE

TYING FORCEPS

angled, 6.5 mm
6 mm tying platform
round handle with guide pin
overall length 102 mm



G-19038

BANGERTER

TYING FORCEPS

9.5 mm platform
longitudinal v-shape groove
overall length 100 mm



G-19048

TYING FORCEPS

utility serrated jaws
1 mm wide
overall length 106 mm



10

TYING

G-32947

HATTENBACH

HYBRID TYING FORCEPS

angled, for the anterior chamber
intraocular 1.5 mm micro tying tips
25 gauge / 0.5 mm
overall length 98 mm

for use in combination with
hybrid needle holder G-32949



G-31623

KELMAN-MCPHERSON

FRAGMENT FORCEPS

angled, smooth jaws
7.5 mm platform
overall length 100 mm



G-33941

KELMAN-MCPHERSON

FRAGMENT FORCEPS

angled, fine grooved jaws,
for femto-LASIK to retrieve lenticule
during SMILE procedures
7.5 mm platform
overall length 100 mm



G-31622

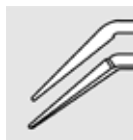
GASKIN

FRAGMENT FORCEPS

angled
with tying platform
9 mm platform, overall length 107 mm

G-31624

11 mm platform, overall length 100 mm



G-37700

JEWELERS TYPE FORCEPS

standard, straight
overall length 120 mm



G-37705

JEWELERS TYPE FORCEPS

delicate, straight
overall length 115 mm



G-37710

JEWELERS TYPE FORCEPS

extra delicate, straight
overall length 115 mm



G-19080

BARRAQUER

FIXATION FORCEPS

3 sets of 1 x 2 teeth
11 mm fixation platform
overall length 100 mm



G-19050

GRAEFE

FIXATION FORCEPS

4.5 mm wide
8 interlocking teeth
overall length 110 mm
without lock
G-19055 with lock

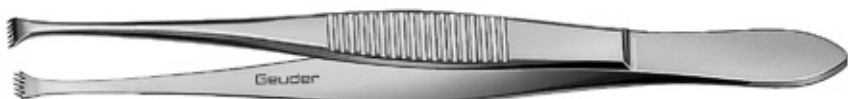


G-19060

HEIDELBERG MODEL

FIXATION FORCEPS

3.5 mm wide
6 interlocking teeth
overall length 110 mm



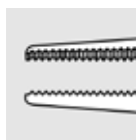
10

JEWELERS • FIXATION

DRESSING FORCEPS

serrated jaws
overall length 100 mm

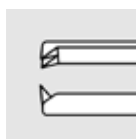
G-18780	0.5 mm
G-18781	0.7 mm
G-18782	1.0 mm
G-18783	1.2 mm
G-18784	1.4 mm



TISSUE FORCEPS

1 x 2 teeth
overall length 100 mm

G-18790	0.5 mm
G-18791	0.7 mm
G-18792	1.0 mm
G-18793	1.2 mm
G-18794	1.4 mm



IRIS FORCEPS

serrated, delicate
overall length 73 mm
straight
curved

G-18855	straight
G-18856	curved

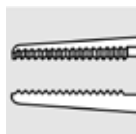


BONN MODEL

IRIS FORCEPS

serrated, extra delicate
overall length 73 mm
straight
angled at 6 mm
angled at 8 mm

G-18908	straight
G-18906	angled at 6 mm
G-18911	angled at 8 mm

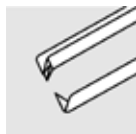


BONN MODEL

IRIS FORCEPS

1 x 2 teeth, 0.12 mm
extra delicate
overall length 73mm
straight
angled at 6 mm
angled at 8 mm

G-18900	straight
G-18905	angled at 6 mm
G-18910	angled at 8 mm



BONN MODEL

IRIS FORCEPS

long, straight

1 x 2 teeth, 0.12 mm

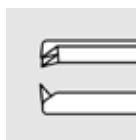
overall length 102 mm

extra delicate

delicate, with 4.5 mm tying platform

G-18845

G-18890



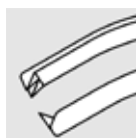
SWISS MODEL

IRIS FORCEPS

curved, 1 x 2 teeth

overall length 100 mm

G-18840



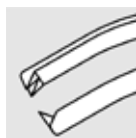
HEIDELBERG MODEL

IRIS FORCEPS

light curve, 1 x 2 teeth

overall length 72 mm

G-18860



HEIDELBERG MODEL

IRIS FORCEPS

strong curve, 1 x 2 teeth

overall length 70 mm

G-18870



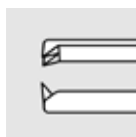
IRIS FORCEPS

straight, delicate

1 x 2 teeth

overall length 72 mm

G-18857



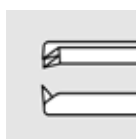
IRIS FORCEPS

straight, strong

1 x 2 teeth

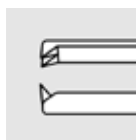
overall length 72 mm

G-31953



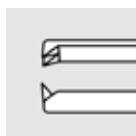
G-18846

HAMBURG MODEL
IRIS FORCEPS
straight, delicate
1 x 2 teeth
overall length 103 mm



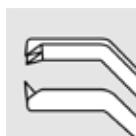
G-32240

SWISS MODEL
IRIS FORCEPS
straight, extra delicate
1 x 2 teeth
overall length 70 mm



G-18880

HESS-ENGELKING
IRIS FORCEPS
1 x 2 teeth
overall length 72 mm



G-18897

ELZE
IRIS FORCEPS
extra delicate
1 x 2 teeth
overall length 78 mm



G-18913

THOMAS NEUHANN
IRIS FORCEPS
curved shaft
1 x 2 teeth
23 gauge / 0.6 mm
overall length 95 mm

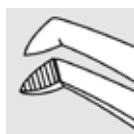


G-31307

UTRATA

CAPSULORHEXIS FORCEPS

strong, with heel stop to protect the iris
interlocking micro serrated tips
12 mm straight shafts
overall length 103 mm



G-31308

CAPSULORHEXIS FORCEPS

round handle with guide pin
extra delicate with
interlocking micro serrated tips
13 mm curved shafts
overall length 105 mm



G-31300

MASKET

CAPSULORHEXIS FORCEPS

delicate, with heel stop to protect the iris
interlocking micro serrated tips
12 mm curved shafts
overall length 103 mm



G-31304

CAPSULORHEXIS FORCEPS

new model, with guide pin
extra delicate with
interlocking micro serrated tips
13 mm curved shafts
overall length 103 mm



10

CAPSULORHEXIS

G-31301

CAPSULORHEXIS FORCEPS

extra delicate
with smooth triangular grasping tips
13 mm curved shafts
overall length 98 mm



G-31305

CAPSULORHEXIS FORCEPS

extra delicate with
interlocking micro serrated tips
13 mm curved shafts
overall length 98 mm



10

CAPSULORHEXIS

G-31303

H.-R. KOCH

CAPSULORHEXIS FORCEPS

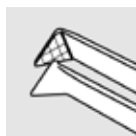
extra delicate with
interlocking micro serrated tips
13 mm curved shafts
1 mm marks from tip to bent
overall length 98 mm



G-31299

CAPSULORHEXIS FORCEPS

short handle, extra delicate
cross serrated grasping tips
12 mm straight shafts
overall length 83 mm



G-32926

AUFFARTH

**MICS DOUBLE CROSS ACTION
CAPSULORHEXIS FORCEPS**

interlocking micro serrated tips
12 mm curved shafts, angled 130°
with overlap system
prevents inadvertent iris capture
for 1.6 mm incisions
overall length 100 mm



G-32928

INAMURA

MICS CAPSULORHEXIS FORCEPS

cross action
interlocking micro serrated tips
10.5 mm curved shafts tip to pivot
angled 130°
overall length 103 mm

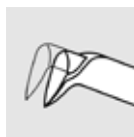


G-31306

KAMPIK

MICS CAPSULORHEXIS FORCEPS

22 gauge / 0.7 mm curved shaft
90° cystotome tips, reverse action
overall length 93 mm



G-32935

H.-R. KOCH

MICS CAPSULE FORCEPS

short handle
22 gauge / 0.7 mm curved shaft with
micro grasping tips
overall length 98 mm



G-19150

ARRUGA
CAPSULE FORCEPS
calibrated, delicate



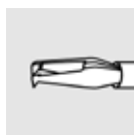
G-32938

H.-R. KOCH
MICS CAPSULE FORCEPS
22 gauge / 0.7 mm curved shaft with
micro grasping tips
6 mm titanium handle, blue-colored
overall length 144 mm



G-32936

TOBIAS NEUHANN
MICRO FORCEPS
multifunction asymmetrical tips with
grasping platform
23 gauge / 0.6 mm straight shaft
6 mm titanium handle, blue-colored
overall length 155 mm



G-32937

IKEDA
MICS CAPSULORHEXIS FORCEPS
23 gauge / 0.6 mm curved shaft with
micro grasping tips
6 mm titanium handle, blue-colored
overall length 144 mm



G-38244

G-38242

IKEDA
CAPSULORHEXIS FORCEPS
interchangeable tips
23 gauge / 0.6 mm curved shaft
overall length 40 mm
textured, micrograsping tips **"BEAK"**
textured, micrograsping tips



G-38244
"beak"

G-38242



for use with handle G-38240

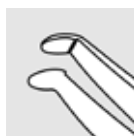
- G-38240** *JAPAN MODEL*
HANDLE
for capsule scissors and forceps
interchangeable tips
6 mm, titanium
overall length 90 mm



- G-32944** *HATTENBACH*
CAPSULORHEXIS FORCEPS
25 gauge / 0.5 mm angled shaft with
micro grasping tips
overall length 88 mm



- G-18805** *TOBIAS NEUHANN*
DESCMET MEMBRANE FORCEPS
delicate blunt grasping tips
with platform
overall length 75 mm



- G-38624** *SZURMAN*
DMEK PREPARATION FORCEPS
for removal of Descemet layer
with smooth round tips to prevent tearing
the donor endothelium
overall length 75 mm



- G-38628** *YÖRÜK*
DMEK TRANSPLANT FORCEPS
atraumatic grasping and removal of
Descemet's membrane
grasping area 6 mm
overall length 77 mm



G-38634

GERTEN

DSAEK/DMEK RHEXIS FORCEPS

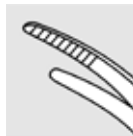
for Descemetorhexis
reversed triangular tips to
score and remove the DM from the host cornea
23 gauge / 0.6 mm curved shaft
overall length 142 mm



G-38603

DSAEK IMPLANTATION FORCEPS

13 mm curved shafts with limited closing
to avoid injury of endothelial transplant
1.5 mm serrated platform
overall length 107 mm



G-38606

THOMAS NEUHANN

DSAEK FORCEPS

1 x 2 teeth, 0.12 mm
21 gauge / 0.8 mm curved shaft
for endothelial transplant procedures
overall length 97 mm



G-33428

PFAEFFEL

FLAPORHEXIS FORCEPS

2.5 mm x 1.5 mm cross serrated tips, oval
to lift femto-LASIK flaps
overall length 103 mm



G-33429

KNORZ

FEMTO-LASIK FLAP FORCEPS

curved 3.25 mm T-bar

textured

to grasp and lift LASIK flaps

overall length 102 mm



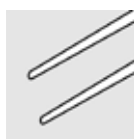
G-31899

LASIK CORNEAL FLAP FORCEPS

angled shafts, 9 mm

highly polished round and smooth shafts

overall length 108 mm



G-18914

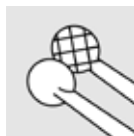
BURATTO

LASIK CORNEAL FLAP FORCEPS

curved shafts

cross serrated tips, 0.8 mm diameter

overall length 100 mm



G-33960

RUPAL SHAH

LENTICULE FORCEPS

3.5 mm serrated tips

20 gauge / 0.9 mm curved shaft

to retrieve lenticule during SMILE procedures

6 mm titanium handle, blue-colored

overall length 144 mm



10

LASIK FLAP · LENTICULE EXTRACTION

G-33961

LENTICULE FORCEPS

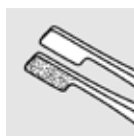
7.5 mm shafts
with fine grooves
angled to side
to retrieve lenticule during SMILE procedures
overall length 99 mm



G-31518

NUCLEUS SPREADING FORCEPS

cross-action
3.0 mm textured paddle tips
for cracking the nucleus
overall length 112 mm



G-31519

AKAHOSHI

NUCLEUS SPREADING FORCEPS

phaco prechopper
4.5 mm delicate sharp tips, 1 mm profile
2.0 mm cross-action
for cracking, dividing, and rotating the nucleus
overall length 105 mm

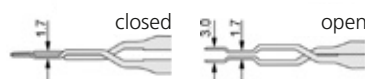


G-31720

AKAHOSHI

PRECHOPPER

for micro-incisions, straight shafts, cross action
round handle
overall length 125 mm





G-31722

AKAHOSHI

HYBRID COMBO PRECHOPPER

for micro-incisions, cross action, straight
round handle
length of tip 5.3 mm
overall length 120 mm



G-31724

AKAHOSHI

UNIVERSAL PRECHOPPER

for micro-incisions, cross action, straight
round handle
overall length 120 mm



G-33440

VON BARSEWISCH

ANTERIOR CHAMBER FORCEPS

extra delicate
8.5 mm angled shafts
1.5 mm platform
overall length 72 mm

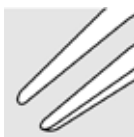


G-32165

FECHNER

IMPLANTATION FORCEPS

smooth curved shafts
overall length 80 mm



10

NUCLEUS PRECHOPPERS · IOL IMPLANTATION

G-18935

DODEN

IMPLANTATION FORCEPS

curved
delicate lens holding shafts
overall length 110 mm



G-18930

SHEPARD

IMPLANTATION FORCEPS

curved, 1.4 mm disc-shaped tips
delicate lens holding shafts
overall length 120 mm

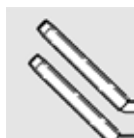


G-31962

KOHNEN

IMPLANTATION FORCEPS

silicone tube coated
10 mm angled shafts
overall length 107 mm



G-18918

DICK

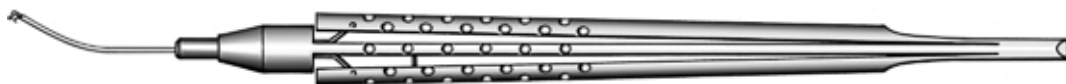
FIXATION AND HOLDING FORCEPS

for Artisan/Verisyse IOL
with guide mark for lens maximum hold
and stability
18 gauge / 1.2 mm curved shaft
overall length 143



G-18919

DICK
IOL HAPTIC EXPANDER
for enclavation of iris-fixated IOLs
21 gauge / 0.8 mm curved shaft
overall length 140 mm



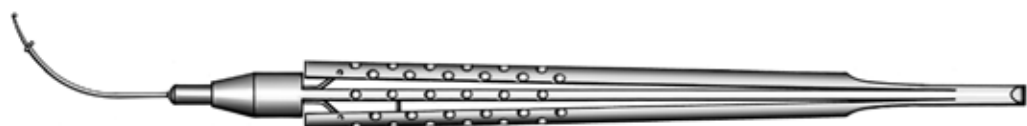
G-18944

TOBIAS NEUHANN
IMPLANTATION FORCEPS
for retropupillary implantation of Iris-Claw-IOL
0.9 mm wide holding surface
20 gauge / 0.9 mm curved shaft
overall length 143 mm



G-18928

SEKUNDO
IMPLANTATION FORCEPS
for retropupillary implantation of Iris-Claw-IOL
20 gauge / 0.9 mm curved shaft with
lens holding plate, three-point fixation
and IOL centration guide mark
6 mm titanium handle, blue-colored
overall length 143 mm



G-31902

FOLDER
foldable IOL insertion forceps
cross action
6.5 mm concave jaws
overall length 103 mm



G-31903

SPALECK

FOLDER

foldable IOL insertion forceps
for silicone and acrylic IOLs
angled shafts, concave jaws
overall length 102 mm



G-31908

FOLDER

IOL folding forceps
for easy pickup and folding acrylic IOLs
overall length 105 mm



G-31994

H.-R. KOCH

PREFOLDER

for foldable silicone, hydrogel or acrylic IOLs
overall length 135 mm



G-31905

H.-R. KOCH

FOLDER

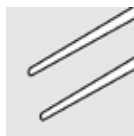
for foldable 3-piece IOLs
6.0 mm concave jaws
overall length 92 mm



G-31901

HOLDING FORCEPS

for foldable IOLs
highly polished round and smooth shafts
overall length 108 mm



G-18941

STROBEL

HOLDING FORCEPS

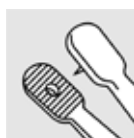
for Pharmacia CeeOn Edge IOL
overall length 110 mm



G-32823

EXPLANTATION FORCEPS

for soft IOLs
2.0 mm x 1.4 mm paddle tip with
interlocking serrations and guide pin
overall length 108 mm

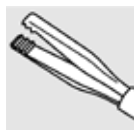


G-32997

SNYDER-OSHER

IOL FORCEPS

to hold the IOL while cutting it inside
the capsular bag
2 mm long jaws with 0.5 mm serrated tips
22 gauge / 0.7 mm lightly curved shaft
overall length 99 mm



10

IOL EXPLANTATION

G-18820

REMKY
SUPERIOR RECTUS FORCEPS
 angled
 1 x 2 teeth
 overall length 109 mm



G-18800

ELSCHNIG
SUPERIOR RECTUS FORCEPS
 standard, straight
 1 x 2 teeth
 overall length 110 mm



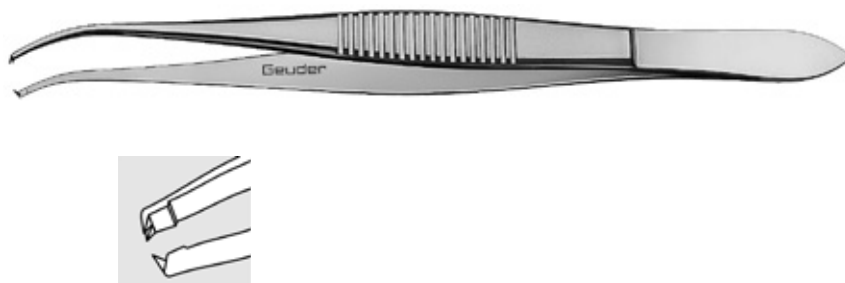
G-18795

ELSCHNIG
SUPERIOR RECTUS FORCEPS
 delicate, straight
 1 x 2 teeth
 overall length 100 mm



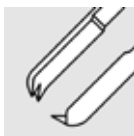
G-19105

LEYDHECKER
SUPERIOR RECTUS FORCEPS
 curved, tip width 0.8 mm
 1 x 2 teeth, 1.1 mm
 overall length 110 mm



G-32335

CASTROVIEJO
SUPERIOR RECTUS FORCEPS
angled with tying platform
1 x 2 teeth, 0.9 mm
overall length 100 mm



G-19112

BANGERTER
MUSCLE FORCEPS
10 teeth
self retaining
overall length 100 mm



G-19120

SATTLER
MUSCLE FORCEPS
with slide lock
overall length 100 mm
3 teeth, bulbous tip, right

G-19125

3 teeth, bulbous tip, left



G-32350

TROELTSCH
NASAL FORCEPS
serrated tips
for packing and dressing during ENT procedures
overall length 150 mm



G-19107

ESSEN MODEL
CERCLAGE FORCEPS
strongly curved
3 mm platform with dual grooves
overall length 104 mm



10

MUSCLE · NASAL · RETINAL

G-33434

PFENNIGWERTH

HOLDING FORCEPS

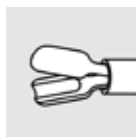
for vitreoretinal lenses
curved with concave lens holding tips
overall length 110 mm



G-33438

FORCEPS

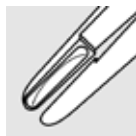
for *HEIMANN* retinal tacks
overall length 100 mm



G-33439

SCLERAL PLUG FORCEPS

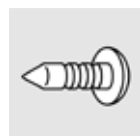
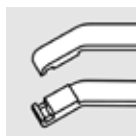
cross action handle, angled jaws
to securely hold plugs during insertion
and removal
overall length 105 mm



G-31570

SCLERAL PLUG FORCEPS

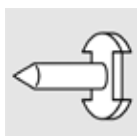
to securely hold plugs during insertion
and removal
overall length 100 mm



G-33432

SCLERAL PLUG

serrated,
20 gauge / 0.9 mm



G-33436

SCLERAL PLUG

to suture onto sclera
20 gauge / 0.9 mm



G-33435

SCLERAL PLUG

20 gauge / 0.9 mm



G-33441

SCLERAL PLUG

23 gauge / 0.6 mm

G-33752

WATZKE

SPREADING FORCEPS

to stretch silicone sleeves
cross action handle and
serrated tips
overall length 115 mm



G-33032

HOERAUF

SPREADING FORCEPS

for silicone oil removal



G-37420

BARTZ-SCHMIDT

TROCAR CLOSURE FORCEPS

with function for bulbus fixation
overall length 72 mm



G-37430

TROCAR FORCEPS

for trocar systems with groove
overall length 110 mm

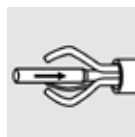


G-33831

REIMANN

VITREORETINAL FORCEPS

for foreign body removal
with retractable magnet and 3-prongs
14 gauge / 2.1 mm straight shaft
shaft length 35 mm
overall length 138 mm



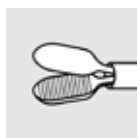
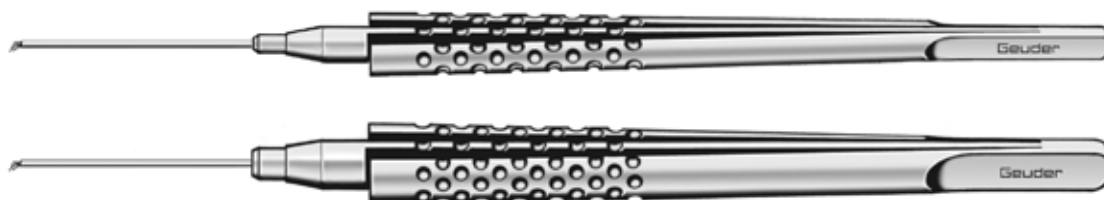
10

VITREORETINAL (SPREADING, TROCAR, FOREIGN BODY, MAGNET)

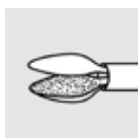
20 GAUGE

VITREORETINAL FORCEPS

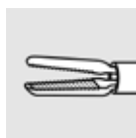
20 gauge / 0.9 mm
6 mm and 8 mm diameter handles
titanium, blue-colored
overall length 155 mm



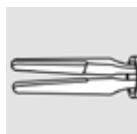
straight
serrated tips
G-36202 6 mm handle
G-36204 8 mm handle



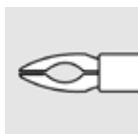
straight
textured tips
G-36206 6 mm handle
G-36208 8 mm handle



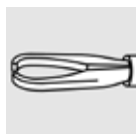
straight
serrated "crocodile" tips
G-36256 6 mm handle
G-36258 8 mm handle



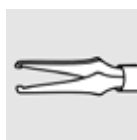
straight
silicone coated
G-36212 6 mm handle
G-36214 8 mm handle



TANO
straight, serrated tips
G-36356 6 mm handle
G-36358 8 mm handle



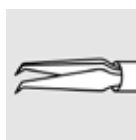
A. MUELLER
for retinal vessels / sheathotomy
G-36334 8 mm handle



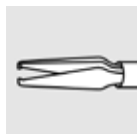
straight
grip tips
G-36216 6 mm handle
G-36218 8 mm handle



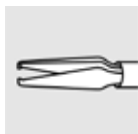
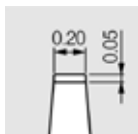
90° angle
pointed tips
G-36278 8 mm handle



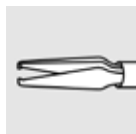
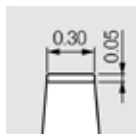
NAITO
ILM
G-36316 6 mm handle
G-36318 8 mm handle



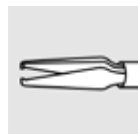
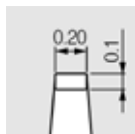
straight
endgripping, extra delicate
0.2 mm x 0.05 mm
G-36292 6 mm handle
G-36294 8 mm handle



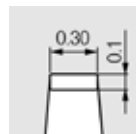
straight
endgripping, extra delicate
0.3 mm x 0.05 mm
G-36296 6 mm handle
G-36298 8 mm handle



straight
endgripping, delicate
0.2 mm x 0.1 mm
G-36302 6 mm handle



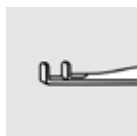
straight
endgripping
0.3 mm x 0.1 mm
G-36306 6 mm handle



20 GAUGE

VITREORETINAL FORCEPS

20 gauge / 0.9 mm
6 mm and 8 mm diameter handles
titanium, blue-colored
overall length 155 mm



90° angle
membrane peeler

G-36228 8 mm handle



45° angle
membrane peeler

G-36232 6 mm handle



45° angle

G-36222 6 mm handle



membrane peeler tips

G-36252 6 mm handle

G-36254 8 mm handle



curved
membrane dissector

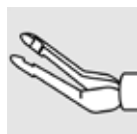
G-36266 6 mm handle



45° angle
membrane dissector

G-36272 6 mm handle

G-36274 8 mm handle



45° angle
horizontal subretinal

G-36236 6 mm handle

G-36238 8 mm handle



45° angle, vertical tips
subretinal

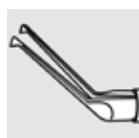
G-36246 6 mm handle

G-36248 8 mm handle



angled, extra delicate
3.0 mm tips

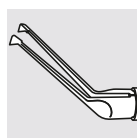
G-36336 6 mm handle



angled, extra delicate
4.5 mm tips

G-36326 6 mm handle

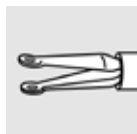
G-36328 8 mm handle



KIRCHHOF

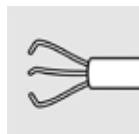
angled, extra delicate
4.5 mm tips with hooks
for RPE translocation

G-36352 6 mm handle



straight
circular tips

G-36242 6 mm handle



foreign body forceps

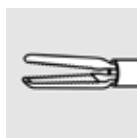
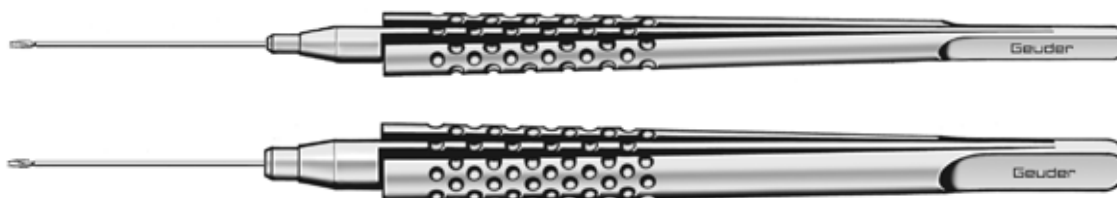
G-36262 6 mm handle

G-36264 8 mm handle

23 GAUGE

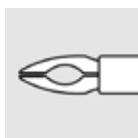
VITREORETINAL FORCEPS

23 gauge / 0.6 mm
6 mm and 8 mm diameter handles
titanium, blue-colored
overall length 155 mm



straight
serrated "crocodile" tips

G-36342 6 mm handle
G-36344 8 mm handle



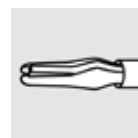
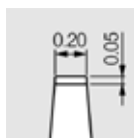
TANO
straight, serrated tips

G-36362 6 mm handle
G-36364 8 mm handle



straight
endgripping, extra delicate
0.2 mm x 0.05 mm

G-36282 6 mm handle
G-36284 8 mm handle



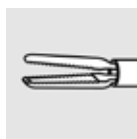
straight
grip tips

G-36286 6 mm handle
G-36288 8 mm handle

25 GAUGE

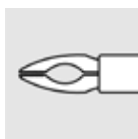
VITREORETINAL FORCEPS

25 gauge / 0.5 mm
6 mm and 8 mm diameter handles
titanium, blue-colored
overall length 155 mm



straight
serrated "crocodile" tips

G-36322 6 mm handle
G-36324 8 mm handle



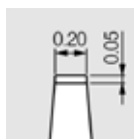
TANO
straight, serrated tips

G-36366 6 mm handle
G-36368 8 mm handle



straight
endgripping, extra delicate
0.2 mm x 0.05 mm

G-36312 6 mm handle
G-36314 8 mm handle



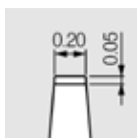
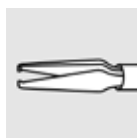
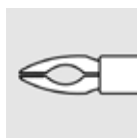
ERGOLINE

ERGOLINE FORCEPS

360° rotatable and interchangeable tips
overall length 55 mm
for Ergoline handpieces 6 mm and 8 mm diameters

ERGOLINE HANDPIECE

for Ergoline forceps
blue-colored
G-36600 6 mm titanium handpiece
G-36601 8 mm titanium handpiece



TANO

ERGOLINE FORCEPS

straight, serrated tips
G-36755 20 gauge / 0.9 mm
G-36765 23 gauge / 0.6 mm

ERGOLINE FORCEPS

endgripping
extra delicate 0.2 mm x 0.05 mm
G-36690 20 gauge / 0.9 mm
G-36680 23 gauge / 0.6 mm
G-36710 25 gauge / 0.5 mm

SINGLE-USE
INTERCHANGEABLE FORCEPS
AVAILABLE ON P. 222

UNO
COLORLINE

G-18680

LAMBERT

CHALAZION FORCEPS

round, 9 mm inside diameter
solid and fenestrated plates
overall length 92 mm



G-18670

AYER

CHALAZION FORCEPS

round, 8 mm inside diameter
interlacing tips
solid and fenestrated plates
overall length 90 mm



DESMARRES

CHALAZION FORCEPS

oval
solid and fenestrated plates
20 mm, overall length 88 mm
25 mm, overall length 90 mm
31 mm, overall length 95 mm

G-18685

G-18690

G-18695



G-18700

CAUER

CHALAZION FORCEPS

oval, 13 mm x 11 mm inside diameter
interlacing serrated tips
solid and fenestrated plates
overall length 99 mm



G-18710

LORDAN

CHALAZION FORCEPS

triangular, 13 mm x 8 mm inside diameter
solid and fenestrated plates
overall length 95 mm



G-18715

BERKE

PTOSIS FORCEPS

22 mm long serrated tips
slide lock mechanism
overall length 110 mm



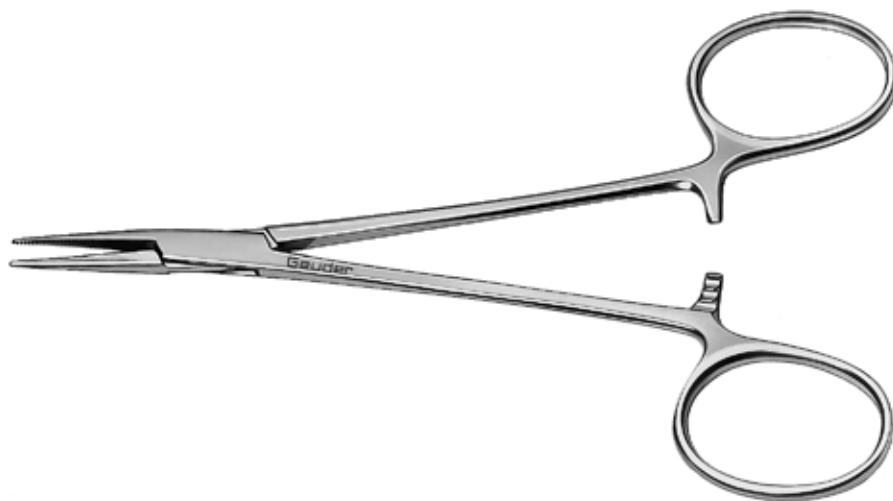
HARTMANN
MOSQUITO FORCEPS
 serrated
 18 mm jaws
 overall length 100 mm
 straight
 curved

G-18170
G-18171



HALSTEAD
MOSQUITO FORCEPS
 serrated
 25 mm jaws
 overall length 125 mm
 straight
 curved

G-18180
G-18181



HALSTEAD
MOSQUITO FORCEPS
 1 x 2 teeth
 serrated
 25 mm jaws
 overall length 125 mm
 straight
 curved

G-18185
G-18182



G-18160 *BACKHAUS*
TOWEL FORCEPS
overall length 90 mm



G-33200 *SCHAEDEL*
TOWEL FORCEPS
overall length 90 mm



G-18190 *DIEFFENBACH*
SERREFINE
straight, overall length 35 mm



G-18195 *DIEFFENBACH*
SERREFINE
curved, overall length 35 mm



G-31420 *DIEFFENBACH*
SERREFINE
straight, overall length 50 mm



G-31415 *DIEFFENBACH*
SERREFINE
curved, overall length 50 mm



G-18197 **SERREFINE**
extra delicate, overall length 30 mm



NEEDLE HOLDERS



*BARRAQUER***NEEDLE HOLDER**

10 mm delicate jaws
0.8 x 0.55 mm tip
overall length 120 mm
curved, without lock
curved, with lock

G-17500**G-17501***BARRAQUER***NEEDLE HOLDER**

10 mm delicate jaws
0.8 x 0.45 mm tip
overall length 120 mm
curved, without lock
curved, with lock

G-17505**G-17506***JACOBI***NEEDLE HOLDER**

5 mm extra delicate jaws
1.0 x 0.5 mm tips
overall length 115 mm
straight, without lock
straight, with lock

G-17451**G-17453***JACOBI***NEEDLE HOLDER**

5 mm extra delicate jaws
1.0 x 0.5 mm tips
overall length 115 mm
curved, without lock
curved, with lock

G-17450**G-17452***BARRAQUER***NEEDLE HOLDER**

7.5 mm extra delicate jaws
0.6 x 0.3 mm tip
overall length 105 mm
straight, without lock
straight, with lock

G-17461**G-17463***BARRAQUER***NEEDLE HOLDER**

7.5 mm extra delicate jaws
0.6 x 0.3 mm tip
overall length 105 mm
curved, without lock
curved, with lock

G-17460**G-17462**

BARRAQUER-TROUTMAN
NEEDLE HOLDER

10 mm extra delicate jaws
0.8 x 0.6 mm tip
handle diameter 6 mm
overall length 100 mm
straight, without lock
straight, with lock

G-32260

G-32261



BARRAQUER-TROUTMAN
NEEDLE HOLDER

10 mm extra delicate jaws
0.8 x 0.6 mm tip
handle diameter 6 mm
overall length 100 mm
curved, without lock
curved, with lock

G-17535

G-17530



BARRAQUER
NEEDLE HOLDER

11 mm delicate jaws
0.9 x 0.8 mm tips
handle diameter 8 mm
overall length 140 mm
curved, without lock
curved, with lock

G-17510

G-17511



BARRAQUER
NEEDLE HOLDER

11 mm extra delicate jaws
0.9 x 0.55 mm tips
handle diameter 8 mm
overall length 140 mm
curved, without lock
curved, with lock

G-17515

G-17516



*BARRAQUER***NEEDLE HOLDER**

11 mm delicate jaws
1.1 x 0.75 mm tips
handle diameter 10 mm
overall length 140 mm
curved, without lock
curved, with lock

G-17520**G-17525****G-32315***BARRAQUER***NEEDLE HOLDER**

curved, without lock
8 mm standard jaws
1.2 x 0.8 mm tips
original model with longitudinal groove
handle diameter 10 mm
overall length 130 mm

*BARRAQUER***NEEDLE HOLDER**

12 mm standard jaws
1.6 x 1.0 mm tips
handle diameter 10 mm
overall length 140 mm
curved, without lock
curved, with lock

G-32320**G-32321**

CASTROVIEJO NEEDLE HOLDER

short model
9 mm extra delicate jaws
0.9 x 0.55 mm tips
overall length 90 mm
straight, without lock
straight, with lock

G-17545

G-17540



CASTROVIEJO NEEDLE HOLDER

10.5 mm delicate jaws
1.5 x 0.8 mm tips
overall length 140 mm
straight, without lock
straight, with lock

G-17560

G-17565



CASTROVIEJO NEEDLE HOLDER

10.5 mm delicate jaws
1.5 x 0.8 mm tips
overall length 140 mm
curved, without lock
curved, with lock

G-17570

G-17575

**COMBINED NEEDLE HOLDER / SCISSORS**

curved 12 mm blades with
3 mm needle holder and tying platform
used to hold, place and cut fine suture material
overall length 125 mm

G-17440**G-17441**

without lock

with lock

**G-32949***HATTENBACH***HYBRID NEEDLE HOLDER**

angled, for the anterior chamber
25 gauge / 0.5 mm
overall length 90 mm

for use in combination with
hybrid tying forceps G-32947

*KALT***NEEDLE HOLDER**

standard jaws
serrated, with longitudinal groove
thumb rest and catch
overall length 135 mm

G-17610**G-17615**

straight, cross serrated jaws

curved, cross serrated jaws



ARRUGA

NEEDLE HOLDER

14 mm heavy jaws
thumb rest and catch
overall length 140 mm
straight, smooth jaws
curved, smooth jaws

G-17640

G-17645

G-17660

HEIDELBERG MODEL

NEEDLE HOLDER

straight
14 mm heavy jaws
with ratchet lock
overall length 125 mm



G-17650

BOYNTON

NEEDLE HOLDER

straight
with ratchet lock
overall length 120 mm

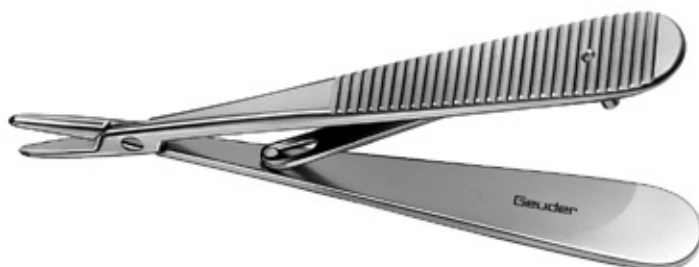


G-17665

ROHRSCHEIDER

NEEDLE HOLDER

straight
13 mm heavy jaws
1.3 x 1.5 mm tips
overall length 100 mm



- G-19270** *BARRAQUER*
RAZOR BLADE HOLDER
 flat handle
 overall length 110 mm



- G-19320** *CASTROVIEJO*
RAZOR BLADE HOLDER
 6 mm round handle
 overall length 120 mm



- G-19330** *TROUTMAN*
RAZOR BLADE HOLDER
 straight
 6 mm round handle
 overall length 95 mm



- G-18150** **HOLDER FOR ABSORBENT STRIPS**
 serrated
 to secure sterile absorbent swabs (G-18127)
 overall length 175 mm

MANIPULATORS CHOPPERS, FIXATION RINGS HOOKS, SPATULAS LENS LOOPS



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G-37440

HATTENBACH

GLOBE FIXATION RING

for transconjunctival PPV
12 mm inside diameter



G-33755

THORNTON

FIXATION RING

16 mm inside diameter
12 atraumatic teeth



G-31490

FINE-THORNTON

FIXATION RING

for clear cornea and refractive procedures
16 mm inside diameter, 10 mm opening
12 atraumatic teeth



G-31491

FINE-THORNTON

FIXATION RING

for clear cornea and refractive procedures
13 mm inside diameter, 10 mm opening
9 atraumatic teeth



G-33757

FINE-THORNTON

FIXATION RING

for clear cornea and refractive procedures
swivel handle

16 mm inside diameter, 10 mm opening

12 atraumatic teeth



G-33758

FINE-THORNTON

FIXATION RING

for clear cornea and refractive procedures
swivel handle

13 mm inside diameter, 10 mm opening

9 atraumatic teeth



G-33759

FINE-THORNTON

FIXATION RING

for clear cornea and refractive procedures
swivel handle

13 mm inside diameter, 10 mm opening

9 atraumatic teeth, blunt



blunt

G-37425

**FIXATION, HOLDING AND
MEASURING INSTRUMENT**

for trocar system, radius 3.5 mm



G-33708

FOERSTER

**FIXATION RING WITH
SCLERAL DEPRESSOR**

inside diameter 6.5 mm





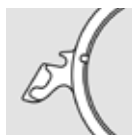
YAMANE

DOUBLE NEEDLE STABILIZER

Fixation ring for intrascleral IOL fixation
with double needle technique
overall length 110 mm
for 30 gauge needles
for 27 gauge needles

G-31496

G-31497



FLIERINGA

SCLERAL FIXATION RING

G-15065

15 mm

G-15070

16 mm

G-15075

17 mm

G-15080

18 mm

G-15085

19 mm

G-15090

20 mm



G-32505

THOMAS NEUHANN

NUCLEUS DIVIDING HOOK

for vertical chopping techniques
0.5 mm wide fine tip
overall length 108 mm



MIYOSHI

NUCLEUS DIVIDING HOOK

1 mm tip, 0.6 mm inner edge
overall length 104 mm
universal
for use in left hand
for use in right hand

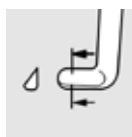
G-31500

G-31501

G-31502



universal
G-31500



left hand
G-31501



right hand
G-31502

G-31504

VÖLCKER

NUCLEUS DIVIDING HOOK

for narrow pupils
with outer notch to push iris aside
1.5 mm inner edge
overall length 104 mm

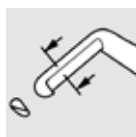


G-31503

ZIRM

NUCLEUS DIVIDING HOOK

1.5 mm inner edge
overall length 104 mm

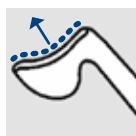


G-31509

JACOBOVITZ

MULTIFUNCTIONAL CHOPPER

cleaver-shaped tip
with distal nucleus chopper
and proximal retractor to manipulate,
divide and crack the nucleus
tip height 1.20 mm
tip width 0.13 mm



sharp



blunt



chop



crack



retract

G-32500

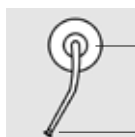
TOBIAS NEUHANN

CHOPPER

paddle shape nucleus divider
0.5 mm wide tip
overall length 108 mm



side view



front view

handle

tip

G-32282

AGARWAL
KARATE PHACO CHOPPER
0.9 mm long tip
0.6 mm inner edge
overall length 104 mm



G-31505

G-31506

HAEFLIGER
NUCLEUS DIVIDING HOOK
to crack, chop and manipulate lenses
1.0 mm triangular tip
0.7 mm inner sharp hook
overall length 104 mm
for use in right hand
for use in left hand



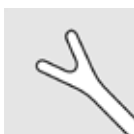
G-31507

NAGAHARA
NUCLEUS DIVIDING HOOK
for horizontal chopping techniques
1.5 mm long tip
0.9 mm inner edge
overall length 98 mm



G-32501

THOMAS NEUHANN
NUCLEUS ROTATOR and
TOBIAS NEUHANN
CHOPPER
combination of
horizontal Y-shaped nucleus rotator and
paddle shaped nucleus divider
overall length 119 mm



like G-32160



like G-32500

G-32168

THOMAS NEUHANN
**SPATULA and
NAGAHARA
NUCLEUS DIVIDING HOOK**
combination of
0.5 mm wide phaco spatula and
horizontal phaco chopper
overall length 116 mm



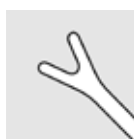
like G-16189



like G-31507

G-32161

THOMAS NEUHANN
NUCLEUS ROTATOR AND DIVIDING HOOK
combination of
horizontal Y-shaped nucleus rotator and
vertical phaco chopper
overall length 117 mm



like G-32160



like G-32505

G-32164

THOMAS NEUHANN
SPATULA AND NUCLEUS DIVIDING HOOK
combination of
0.5 mm wide phaco spatula and
vertical phaco chopper
overall length 125 mm



like G-16189



like G-32505

G-32162

THOMAS NEUHANN
IRIS HOOK AND NUCLEUS DIVIDING HOOK
combination of push-pull iris hook and
NEUHANN vertical chopper
overall length 120 mm



like G-16175



like G-32505

G-32169

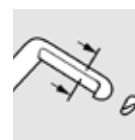
KOHEN

IRIS HOOK AND NUCLEUS DIVIDING HOOK

combination of push-pull iris hook and
NAGAHARA horizontal chopper
overall length 114 mm



like G-16175



like G-31507

G-16181

G-16182

LIEBERMAN

MICROFINGER

Nucleus Manipulator
1.5 mm curved microfingert
overall length 103 mm
for use in right hand
for use in left hand



G-31727

AKAHOSHI

NUCLEUS SUSTAINER

to manipulate and sustain nucleus
used in combination with prechopper
0.5 mm ball tip
1.8 mm angled
overall length 100 mm



G-16185

DRYSDALE

**NUCLEUS MANIPULATOR AND
ANTERIOR CAPSULE POLISHER**

to manipulate, rotate, and divide the nucleus
1.0 mm x 1.5 mm paddle shaped tip
overall length 100 mm



G-32160

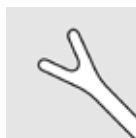
THOMAS NEUHANN

NUCLEUS ROTATOR

horizontal Y-shaped rotator and manipulator

0.15 mm diameter tip

overall length 104 mm



G-32034

HENNIG / FRIEDRICH

LENS EXTRACTION HOOK

(Hefri Hook)

overall length 105 mm



G-32550

MAINZ MODEL

LENS MANIPULATOR

straight

0.15 mm diameter tip

overall length 114 mm



G-32556

MAINZ MODEL

MANIPULATOR

vaulted

0.15 mm diameter tip

overall length 109 mm



G-16160

G-16161

JACOBI

LENS MANIPULATOR

vaulted

overall length 99 mm

for 0.3 mm IOL hole

for 0.2 mm IOL hole



G-16166

SINSKEY

MARKING HOOK

diameter 0.2 mm, round tip
flat handle



G-16167

SINSKEY

LENS MANIPULATION HOOK

for 0.2 mm IOL hole
10 mm angled shaft
overall length 103 mm
round handle



G-32557

BREMEN MODEL

LENS MANIPULATOR

vertical Y-hook
0.15 mm diameter tip
overall length 116 mm



G-32555

RENTSCH

LENS MANIPULATOR AND HOOK

straight
0.18 mm diameter boat hook
overall length 137 mm



G-32530

FRANKFURT MODEL

MANIPULATOR

straight
0.18 mm diameter lens hook
overall length 137 mm



G-32275

ZIRM
LENS LOOP MANIPULATOR
vertical Y-hook
0.15 mm diameter tip
overall length 108 mm



G-32276

LESTER
LENS LOOP MANIPULATOR
vaulted
0.25 mm diameter tip
overall length 102 mm



G-16169

TANDOĞAN
EXPLANTATION HOOK
for IOL
0.2 mm diameter tip
overall length 103 mm



G-16210

HIRSCHMANN
LENS SPATULA
0.6 mm wide spatula with
0.2 mm notches
overall length 104 mm



G-16175

DARDENNE
IRIS HOOK AND LENS MANIPULATOR
push-pull tip
overall length 105 mm



G-32227

LUND

IRIS HOOK

0.8 mm collar button

overall length 105 mm



G-16205

BONN MODEL

IRIS HOOK

extra delicate

0.15 mm diameter hook

overall length 111 mm



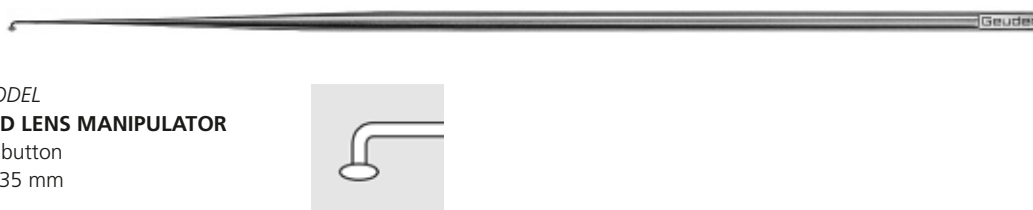
G-31911

FRANKFURT MODEL

IRIS HOOK AND LENS MANIPULATOR

0.65 mm collar button

overall length 135 mm



G-16191

STEINMETZ

SPATULA

for manual lens fragmentation

1 mm wide nucleus bisector

for use in left hand

overall length 110 mm



G-16193

SPIRIG

SPATULA

for manual lens fragmentation

0.5 mm wide nucleus bisector

overall length 110 mm



G-32728

RENTSCH
SPATULA

12 mm long spatula
tapered from 0.6 mm to 0.3 mm
overall length 118 mm



G-32005

ENGELS
PHACO SPOON

0.6 mm wide round spatula
overall length 86 mm



G-32007

D. D. KOCH
PHACO SPATULA

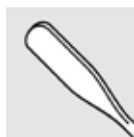
curved with notches
duckbill 0.5mm wide tip
overall length 105 mm



G-32523

AMON
PHACO SPATULA

paddle-shaped tip
0.8 mm wide x 1.6 mm long
0.2 mm thick
overall length 103 mm



G-16189

SPATULA

12 mm spatula
angled, 45°
overall length 108 mm
0.5 mm wide x 0.25 mm thick
G-16190 1.0 mm wide x 0.25 mm thick



G-32724

SEKUNDO

ENCLAVATION SPATULA

for retropupillary implantation of
Iris-Claw IOL
14 mm long spatula
tapered from 0.75 mm to 0.3 mm
overall length 118 mm



G-31378

ANIS

BALL CAPSULE POLISHER

1.5 mm diameter hemisphere tip
textured
overall length 113 mm



G-32563

RENTSCH

CAPSULE POLISHING CURETTE

angled 135°
1.5 mm diameter tip
anterior and posterior semi-sharp edges
overall length 108 mm



G-32564

RENTSCH

CAPSULE POLISHING CURETTE

angled 90°
1.5 mm diameter tip
anterior and posterior semi-sharp edges
overall length 110 mm



G-15620

ARLT
LENS LOOP
serrated, curved
3.5 mm wide
overall length 135 mm



G-15630

SNELLEN
LENS LOOP
smooth, curved
3.5 mm wide
overall length 135 mm



G-15640

WEBER
LENS LOOP
small
4 mm wide
overall length 130 mm



G-15645

WEBER
LENS LOOP
large
5 mm wide
overall length 135 mm



G-15635

SPIRIG
LENS LOOP
for manual lens fragmentation
serrated, curved
2.2 mm wide
overall length 135 mm





BANGERTER

SPATULA

lightly curved

overall length 139 mm

G-15720 6 mm wide

G-15725 10 mm wide

G-15730 12 mm wide



G-15731

BEHRENS-BAUMANN

ORBITAL SPATULA

with aspiration

10 mm wide, lightly curved

overall length 137 mm



SAUTTER

ORBITAL SPATULA

overall length 142 mm

G-15740 22 x 13 mm curved plate

G-15750 22 x 19 mm curved plate



G-32445

HAMBURG MODEL

ORBITAL SPATULA

18 x 12 mm curved plate

overall length 145 mm



G-32446 **ORBITAL SPATULA**
18 x 8 mm curved plate
overall length 145 mm



G-15758 **KERATOPLASTY
SPATULA**
perforated



G-32727 *BINKHORST*
SYNECHIAE SPATULA
10 mm long, semi-sharp
extra delicate
overall length 129 mm



G-15477 *CASTROVIEJO*
SYNECHIAE SPATULA
7 mm long, semi-sharp
0.5 mm wide
overall length 86 mm



G-15475 *CASTROVIEJO*
CYCLODIALYSIS SPATULA
double ended, blunt
10 and 15 mm long
overall length 134 mm



G-15470 *ELSCHNIG*
CYCLODIALYSIS SPATULA
10 mm long, blunt
1.2 mm wide
overall length 127 mm



G-15480 *CASTROVIEJO*
CYCLODIALYSIS SPATULA
10 mm long, blunt
0.7 mm wide
overall length 129 mm



G-15485 *CASTROVIEJO*
CYCLODIALYSIS SPATULA
15 mm long, blunt
0.7 mm wide
overall length 129 mm

G-15400

WECKER
IRIS SPATULA

slim
1.5 mm wide, lightly curved
overall length 129 mm



G-15405

WECKER
IRIS SPATULA

wide
2.5 mm wide, lightly curved
overall length 132 mm



G-31990

WECKER
IRIS SPATULA

conical
0.9 mm wide, lightly curved
overall length 134 mm



G-15390

FRANKFURT MODEL
IRIS SPATULA

0.9 mm wide, curved
overall length 125 mm



G-15391

FRANKFURT MODEL
IRIS SPATULA

extra delicate
0.25 mm wide, curved
overall length 125 mm



G-32729

IRIS SPATULA

extra delicate, conical
7 mm long spatula, angled
tapers from 0.5 mm to 0.3 mm
overall length 114 mm



G-31975

BANGERTER
IRIS SPATULA

round handle
8 mm long spatula, angled
overall length 118 mm

G-31980

1.0 mm wide

G-31980

1.5 mm wide

G-31985

2.0 mm wide



G-15360

BANGERTER
IRIS SPATULA

flat handle
8 mm long spatula, angled
overall length 125 mm

G-15365

1.0 mm wide

G-15370

1.5 mm wide

G-15370

2.0 mm wide



G-15755

ESSEN MODEL
SPATULA

10 mm wide
25 mm angled, flat
overall length 149 mm





G-15757 *GIESSEN MODEL*
SPATULA AND RETRACTOR
9 mm wide
angled, concave
overall length 162 mm



G-15780 *WELLS*
ENUCLEATION SPOON
overall length 147 mm



G-33912 *ZIRM*
LASIK CORNEAL PROTECTOR
7.0 x 2.5 mm corneal shield
overall length 120 mm



G-33930 *THOMAS NEUHANN*
LASIK SPATULA
with beveled blunt tip
rounded anterior and
flat posterior surface
for lifting the corneal flap
overall length 106 mm



G-33935

RAU

LASEK SPATULA

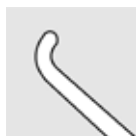
5.5 mm long spatula
for repositing and smoothing
the epithelial flap after laser ablation
overall length 116 mm



G-38607

DESCEMET INCISION HOOK

0.2 mm diameter blunt tip
for marking the area of Descemetorhexis
in recipient's eye
overall length 103 mm



G-38608

DESCEMET SCRAPER

1 mm semi-circular tip
for scraping the recipient Descemet's
membrane
overall length 103 mm

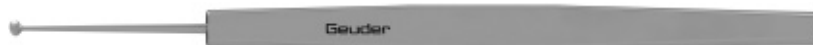


G-38622

SZURMAN

DMEK PREPARATION SPATULA

disc-shaped spatula
2.5 mm diameter, blunt
for removal of Descemet's membrane from graft
overall length 121 mm



G-38604

THOMAS NEUHANN

ENDOTHELIAL INSERTION SPATULA

with teflon insert, angled 145°, 4 x 2 mm
for easy insertion of donor lamellar button
with notched tip for "pull-through" technique
overall length 104 mm
(used with G-38606)



G-33966

DICK

FEMTOCATARACT SPATULA

double ended with round semi-sharp tips
for easy opening of femto incisions
spatula 2.5 mm flattened, 0.65 mm wide
for main and sideport incisions
knife 90° angled, 0.9 mm wide
for arcuate incisions
overall length 100 mm



G-33967

BREYER

FEMTOCATARACT SPATULA

angled
1 mm blunt round tip
for opening femto incisions
overall length 100 mm



G-33968

HOFFMANN

**FEMTOCATARACT NUCLEUS ROTATOR
AND CHOPPER**

horizontal Y-shaped rotator, 0.75 mm wide
and 1 mm "Quick Chop" tip
overall length 120 mm

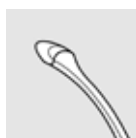


G-33950

CHANSUE

FEMTO DOUBLE INSTRUMENT

blunt spoon-shaped lenticule spatula
1.25 mm wide, vaulted and
hook, 2 mm long, angled
overall length 115 mm
to open the incision, delineate the edge
of the lenticules and separate the interfaces
during SMILE procedures



G-33952

CHANSUE

FEMTO DOUBLE INSTRUMENT

conical lenticule spatula, 9 mm long, vaulted
hook, 2 mm long, angled
overall length 115 mm
to open the incision, delineate the edge
of the lenticules and separate the interfaces
during SMILE procedures

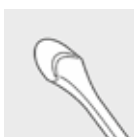


G-33954

GUELL

FEMTO DOUBLE INSTRUMENT

1.25 mm wide spoon-shaped spatula,
lightly curved
2 mm long hook, angled
overall length 113 mm
to open the incision, delineate the edge
of the lenticules and separate the interfaces
during SMILE procedures



G-33940

BLUM

FEMTO-LASIK ROUND SPOON

spoon-shaped spatula, 1.25 mm wide
semi-sharp, bevel up, vaulted
overall length 105 mm
to undermine, lift and reposit LASIK flaps
created with a femtosecond laser

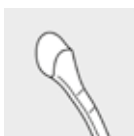


G-33942

BREYER

FEMTO-LASIK DOUBLE-ENDED INSTRUMENT

combination of
BLUM spoon-shaped spatula, semi-sharp
and hook with 1 mm inner edge
(one blunt and one slightly sharp edge)
overall length 115 mm



G-33427

PFAEFFL

FEMTO FLAP LIFTER

double ended, both ends blunt
10.5 mm conical v-shaped hook, curved and
1.5 mm modified *SINSKEY* hook
overall length 115 mm
for finding the flap edge, lifting, and retreating it



G-33943

PFAEFFL

FEMTO FLAP LIFTER

double ended
10.5 mm conical v-shaped hook, straight and
1.5 mm modified *SINSKEY* hook
overall length 115 mm
for finding the flap edge, lifting and retreating it



G-33958

PFAEFFL-BREYER

FEMTO FLAP LIFTER

double ended
10.5 mm conical v-shaped hook, curved
with double bevel tip and
1.5 mm modified *SINSKEY* hook
overall length 115 mm
for finding the flap edge, lifting and retreating it



G-33959

BREYER

FEMTO-LASIK HOOK INSTRUMENT

angled
1.3 mm wide scraper hook
to delineate and remove the lenticule
overall length 105 mm



G-33944

KOHNEN

FEMTO-LASIK DOUBLE-ENDED INSTRUMENT

11 mm long x 0.5 mm wide spatula and
2 mm modified *SINSKEY* hook, blunt tip
overall length 120 mm



G-19137

CUEPPERS

STRABISMUS MUSCLE TUCKER

15 mm scale, for muscle stretching
serrated J-shaped tendon hook to
prevent the muscle from slipping



G-32726

MUENSTER MODEL

SUTURE HOOK

hook 5 mm
overall length 149 mm





G-15799 *GRAEFE*
STRABISMUS HOOK
short, 5 mm
overall length 130 mm



G-15800 *GRAEFE*
STRABISMUS HOOK
small, 8 mm
overall length 131 mm



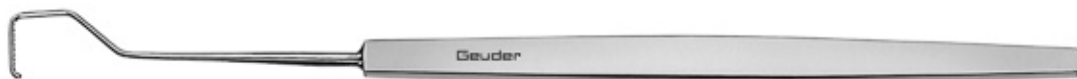
G-15805 *GRAEFE*
STRABISMUS HOOK
medium, 10 mm
overall length 133 mm



G-15810 *GRAEFE*
STRABISMUS HOOK
large, 12 mm
overall length 137 mm



G-32915 *HAMBURG MODEL*
STRABISMUS HOOK
10 mm long
slim 1 mm diameter hook
overall length 135 mm



G-15830 *MALBRAN*
STRABISMUS HOOK
9.5 mm serrated hook with right-angle knob
to prevent muscle slippage
overall length 140 mm



G-15820 *BONN MODEL*
STRABISMUS HOOK
11 mm
overall length 143 mm



G-15821 *BONN MODEL*
STRABISMUS HOOK
11 mm retinal detachment hook
with 1.0 mm hole
overall length 143 mm



G-32905 *BONN MODEL*
STRABISMUS HOOK
curved, tenotomy hook
overall length 145 mm



G-32920 *JAMESON*
STRABISMUS HOOK
11 mm, with bulbous tip
overall length 125 mm



G-37435

HATTENBACH

HORSESHOE-HOOK

to pull the trocars off the lance
and to remove the trocars from the sclera
overall length 98 mm

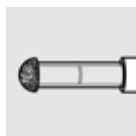


G-37551

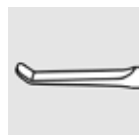
BARTZ-SCHMIDT

ILM-SCRAPER

20 gauge / 0.9 mm
diamond dusted tip

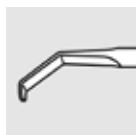


MEMBRANE SPATULAS



angled at 1.5 mm

G-37530 20 gauge / 0.9 mm



angled at 2 mm and 4 mm

G-37535 20 gauge / 0.9 mm



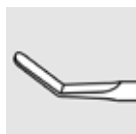
subretinal pick, angled at 4 mm

G-37545 20 gauge / 0.9 mm



LUCKE
curved

G-37515 20 gauge / 0.9 mm



2.5 mm angled

G-37525 20 gauge / 0.9 mm

5.0 mm angled

G-37520 20 gauge / 0.9 mm



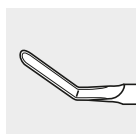
angled at 1 mm, long rakes

G-37570 20 gauge / 0.9 mm



with ball tip
angled at 2.0 mm

G-37550 20 gauge / 0.9 mm



SPATULA KNIFE

all edges sharp

5.0 mm, angled

G-37560 20 gauge / 0.9 mm



ZENONI

with pointed tip

G-37558 25 gauge / 0.5 mm



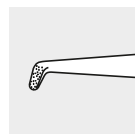
MEMBRANE PEELERS



1.0 mm angled
G-37500 20 gauge / 0.9 mm
G-37503 23 gauge / 0.6 mm



MORRIS-KROLL
1.5 angled
G-37505 20 gauge / 0.9 mm



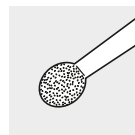
for MIS
textured, angled
G-37501 20 gauge / 0.9 mm



0.65 mm angled
black chromium
G-37506 20 gauge / 0.9 mm



0.4 mm, recessed, angled
black chromium
G-37511 20 gauge / 0.9 mm
G-37512 23 gauge / 0.6 mm
G-37513 25 gauge / 0.5 mm

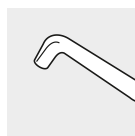


HEM-STOPPER
G-37549 20 gauge / 0.9 mm



G-37580

HANSEN
MICRO HOOK
to pass under retinal vessels
during arteriovenous dissection
20 gauge / 0.9 mm



SCLERAL DEPRESSORS LOCALIZERS





G-32152 *LAQUA*
SCLERAL DEPRESSOR
with pocket clip
3 x 1.8 mm teardrop-shaped tip
overall length 128 mm



G-32150 *LAQUA*
SCLERAL DEPRESSOR
double-ended with pocket clip
3 x 1.8 mm teardrop-shaped tip
2 mm diameter scleral marker
overall length 134 mm



G-32153 *LUCKE*
SCLERAL DEPRESSOR
with pocket clip
3.8 x 2.0 mm teardrop-shaped tip
overall length 128 mm



G-32027 *KREISSIG*
SCLERAL DEPRESSOR
double-ended with pocket clip
conical tip with 2.4 mm diameter
and 6.0 mm bar
overall length 128 mm



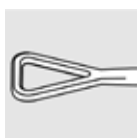
G-15710 *MEYER-SCHWICKERATH*
LOCALIZER AND SCLERAL DEPRESSOR
 for fixation and rotation



G-32715 *SCHOCKET*
SCLERAL DEPRESSOR
 double-ended with pocket clip
 3 x 2 mm teardrop tip and
 6.0 mm bar
 overall length 132 mm



G-32714 **SCLERAL DEPRESSOR**
 double-ended
 2 mm and 4 mm diameter
 diamond dusted tips
 overall length 120 mm



G-37445 *HATTENBACH*
TRIANGLE SCLERAL DEPRESSOR
 for gentle buckling and firm grip without the risk of rupture
 overall length 133 mm



G-33708 *FOERSTER*
FIXATION RING WITH SCLERAL DEPRESSOR
 inside diameter 6.5 mm

PROBES DILATORS



G-150301 *WILDER*
LACRIMAL PROBE
delicate, long taper
0.45 mm tip diameter
overall length 104 mm



G-150302 *WILDER*
LACRIMAL PROBE
medium, medium taper
0.50 mm tip diameter
overall length 104 mm



G-150303 *WILDER*
LACRIMAL PROBE
strong, short taper
0.55 mm tip diameter
overall length 104 mm



G-150401 *WILDER*
LACRIMAL PROBE
slim
delicate, long taper
0.30 mm tip diameter
overall length 95 mm



G-150402 *WILDER*
LACRIMAL PROBE
slim
medium, medium taper
0.35 mm tip diameter
overall length 95 mm



G-150403 *WILDER*
LACRIMAL PROBE
slim
strong, short taper
0.40 mm tip diameter
overall length 95 mm



G-15020 *GIESSEN MODEL*
LACRIMAL PROBE
11 mm tapered shaft, angled
0.4 mm tip width
overall length 77 mm



KELLNAR

RETROGRADE PROBE

for canalicular repair
0.5 mm suture hole
overall length 95 mm

G-15050

right

G-15055

left



G-15095

PIGTAIL PROBE

double-ended
for canalicular repair
with 0.4 mm suture holes
overall length 140 mm



G-15096

PIGTAIL PROBE

double-ended
for canalicular repair
with 1.0 mm suture hooks
overall length 140 mm



PROBE FOR STROMAL CHANNEL

for corneal implants in patients with
keratoconus
overall length 115 mm
bent to the left
bent to the right

G-37602

bent to the left

G-37604

bent to the right





BOWMAN

LACRIMAL PROBE

cylindrical, silver

overall length 130 mm

size 0000/000

G-150001

size 00/0

G-150002

size 1/2

G-150003

size 3/4

G-150004

size 5/6

G-150005



BOWMAN

LACRIMAL PROBE

cylindrical, stainless steel

overall length 130 mm

size 0000/000

G-150101

size 00/0

G-150102

size 1/2

G-150103

size 3/4

G-150104

size 5/6

G-150105



BOWMAN

LACRIMAL PROBE

bulbous tips, silver

overall length 130 mm

size 0000/000

G-150051

size 00/0

G-150052

size 1/2

G-150053

size 3/4

G-150054

size 5/6

G-150055



BOWMAN

LACRIMAL PROBE

bulbous tips, stainless steel

overall length 130 mm

size 0000/000

G-150151

size 00/0

G-150152

size 1/2

G-150153

size 3/4

G-150154

size 5/6

G-150155

JUENEMANN

LACRIMAL PROBE

with 72 mm probe and 18 mm grip plate
to insert suture material
provided with cleaning adaptor G-31022

G-33193

0.6 mm diameter

G-33194

0.8 mm diameter

G-33195

1.0 mm diameter



G-15315

KRUMEICH

DALK PROBE

for deep lamellar keratoplasty
12 mm tapered probe
overall length 73 mm



MACKENSEN

TRABECULAR PROBE

7 mm curved probe
overall length 92 mm

G-15105

right

G-15110

left



HARMS

TRABECULAR PROBE

dual 9.5 mm curved probes
3 mm spread
overall length 46 mm

G-15125

right

G-15130

left



THOMAS NEUHANN

U-SHAPED PROBE

with holding plate
dual 9 mm curved probes
3 mm spread
overall length 12 mm

G-15136

0.30 mm probe diameter

G-15138

0.25 mm probe diameter



G-15137

THOMAS NEUHANN

HOLDER

with lock
for U-shaped probes G-15136 and G-15138
overall length 92 mm



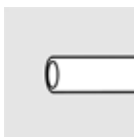
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LACRIMAL CANNULA

conical, straight
 tapers from 19 to 25 gauge
 25 mm shaft
 silver
 stainless steel

G-33140**G-33135****LACRIMAL CANNULA**

conical, strongly curved
 tapers from 19 to 25 gauge
 25 mm shaft
 silver
 stainless steel

G-15140**G-15141****LACRIMAL CANNULA**

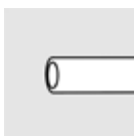
conical, angled at 10 mm
 tapers from 19 to 25 gauge
 25 mm shaft
 silver
 stainless steel

G-15150**G-15151****LACRIMAL CANNULA**

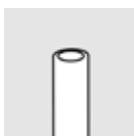
conical, angled at 18 mm
 tapers from 19 to 25 gauge
 25 mm shaft
 silver
 stainless steel

G-15160**G-15161****G-15190***ANEL***LACRIMAL CANNULA**

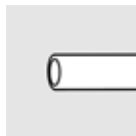
straight
 15 mm shaft
 23 gauge / 0.64 mm

**G-15195***ANEL***LACRIMAL CANNULA**

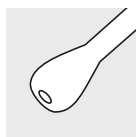
strongly curved
 16 mm shaft
 23 gauge / 0.64 mm



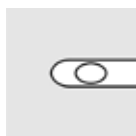
- LACRIMAL CANNULA**
cylindrical, straight
- G-33160** 20 gauge / 0.9 x 35 mm
G-33170 no. 12, 0.72 x 32 mm
G-33175 no. 14, 0.67 x 30 mm
G-33180 no. 16, 0.60 x 22 mm
G-33185 no. 18, 0.45 x 22 mm
G-33190 no. 20, 0.42 x 22 mm



- G-15170** *BONN MODEL*
LACRIMAL CANNULA
 with probe tip
 1.15 mm diameter olive tip



- BANGERTER*
LACRIMAL PROBE CANNULA
 straight, 0.6 mm side port
- G-15271** 23 gauge / 0.64 x 60 mm
G-15272 21 gauge / 0.80 x 40 mm
G-15273 23 gauge / 0.64 x 40 mm



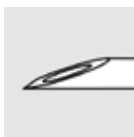
- G-33197** *JUENEMANN*
LACRIMAL PROBE CANNULA
 to insert suture material
 21 gauge / 0.8 x 35 mm



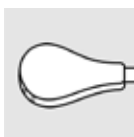
- G-33198** *JUENEMANN*
LACRIMAL PROBE CANNULA
 with grip plate
 65 mm probe
 to insert suture material
 21 gauge / 0.8 x 65 mm



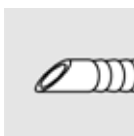
- G-15375** RETROBULBAR INJECTION CANNULA
 24 gauge / 0.6 x 60 mm
G-32605 24 gauge / 0.6 x 35 mm
G-32600 25 gauge / 0.5 x 35 mm
G-15376 25 gauge / 0.5 x 50 mm
G-15377 25 gauge / 0.5 x 40 mm



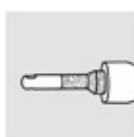
- G-15200** CRANZ
EYE DOUCHE
 irrigation through five front ports
 silver



- G-33416** BOPP
ANTERIOR CHAMBER INFUSION CANNULA
 anterior chamber maintainer with
 threaded tip for better fixation
 and silicone tube
 20 gauge / 0.9 mm



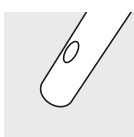
- G-33422** BONN MODEL
ANTERIOR CHAMBER INFUSION CANNULA
 self-retaining textured tip
 dual 0.35 mm side ports
 silicone tube 15 cm
 23 gauge / 0.6 mm



- G-16105** IRRIGATION CYSTOTOME CANNULA
 26 gauge / 0.45 mm



- G-15220** ENZYME CANNULA
 24 gauge / 0.6 mm



G-15275 CYCLODIALYSIS SPATULA CANNULA

12 mm long spatula
anterior 0.2 mm port
26 gauge / 0.45 mm

**G-31355 BUSSE CYCLODIALYSIS SPATULA CANNULA**

12 mm long spatula
dual 0.2 mm port
26 gauge / 0.45 mm

**SAUTTER HYDRODISSECTION CANNULA**

front opening
flattened tip

G-15250 vertical, 27 gauge / 0.4 mm
G-32166 vertical, 26 gauge / 0.45 mm
G-32167 horizontal, 27 gauge / 0.4 mm



vertical
G-15250
G-32166

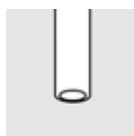
horizontal
G-32167

**G-32155 TUEBINGEN MODEL HYDRODISSECTION CANNULA**

30 gauge / 0.3 mm

**G-15185 FRANKFURT MODEL HYDRODISSECTION CANNULA**

27 gauge / 0.4 mm

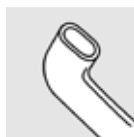
**G-31895 HYDRODISSECTION CANNULA**

vertically flattened tip
front opening
24 gauge / 0.6 x 20 mm

**SPIRIG HYDRODISSECTION CANNULA**

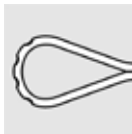
for manual lens fragmentation
right
left

G-15252
G-15253

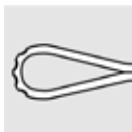


G-16115 IRRIGATION VECTIS CANNULA

4 front ports
 5 mm wide lens loop
 curved

**G-32759 IRRIGATION VECTIS CANNULA**

small model
 4 front ports
 4 mm wide lens loop
 curved

**G-31510 KLÖCKNER EXPRESSOR CANNULA**

8 mm wide lens loop
 4 front ports
 lightly curved

**G-31807 HEALON - VISCOELASTIC CANNULA**

flattened tip, angled at 6 mm
 30 mm shaft
 21 gauge / 0.8 mm

**G-22619 PH. JACOBI TRABECULAR ASPIRATION CANNULA**

angled at 13 mm
 24 gauge / 0.6 mm

**BURK IRRIGATION TRABECULOTOMY CANNULA**

8 mm curved irrigation probe
 30 gauge / 0.3 mm

G-15188

angled right

G-15189

angled left

**G-33199 NAGATA SUB-TENON INJECTION CANNULA**

for atraumatic penetration and
 injection of anesthetic agent
 24 gauge / 0.6 mm



G-15180

IRRIGATION CANNULA

bulbous tip, 0.75 mm diameter tip
extra delicate
26 gauge / 0.45 mm



G-15230

BONN MODEL

IRRIGATION CANNULA

flattened tip, front opening
delicate, 0.5 x 1.5 mm
medium, 0.6 x 1.9 mm



G-15240

G-16135

BINKHORST

IRRIGATION CANNULA

U-shaped
22 gauge / 0.7 mm x 36 mm
angled right
angled left



G-16136

G-32760

MUELLER

IRRIGATION CANNULA

J-shaped with probe tip
26 gauge / 0.45 x 19 mm
angled left
angled right



G-32765

G-16138

RENTSCH

IRRIGATION CANNULA

J-shaped
angled at 10 mm
26 gauge / 0.45 x 24 mm

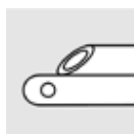


G-16106

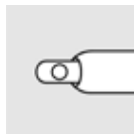
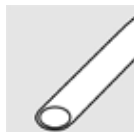
SIMCOE

IRRIGATION / ASPIRATION CANNULA

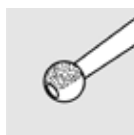
dual shaft
0.3 mm diameter aspiration port
front opening irrigation port
23 gauge / 0.64 mm
with silicone tube and Luer-Lock hub



G-16120 **IRRIGATION / ASPIRATION CANNULA
COAXIAL**

 straight
 aspiration port 0.4 mm
 infusion tube 18 gauge / 1.2 mm

G-15225 **ASPIRATION CANNULA**
G-15226 lightly curved, front opening
 delicate, 19 gauge / 1.1 mm
 standard, 17 gauge / 1.5 mm

G-16125 *KRATZ*
CAPSULE POLISHING CANNULA
 angled at 2 mm
 half-textured tip
 23 gauge / 0.64 mm

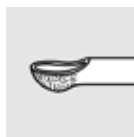
G-16133 *TEPING*
ASPIRATION POLISHING CANNULA
 0.3 mm posterior port
 half-textured tip, curved
 23 gauge / 0.64 mm

G-16130 **CAPSULE POLISHING CANNULA**
 with half-textured ball tip
 18 gauge / 1.2 mm

G-16132 *PAPST*
CAPSULE POLISHING CANNULA
 0.75 mm hemisphere textured tip
 25 gauge / 0.5 mm

G-32529 *KYU*
CAPSULE POLISHING CANNULA
 2 mm disc-shaped tip
 textured
 22 gauge / 0.7 mm
G-32527 23 gauge / 0.64 mm


G-32528

GREITE
CAPSULE POLISHING CANNULA
curette tip
textured
22 gauge / 0.7 mm



G-32774

BRAUWEILER
ASPIRATION CANNULA
angled at 13 mm
textured polisher tip
0.3 mm beveled port
21 gauge / 0.8 mm



G-32769

H.-R. KOCH
ASPIRATION CANNULA
angled at 14 mm
0.3 mm anterior port
half-textured, spatulated tip
21 gauge / 0.8 mm



G-32776

BRAUWEILER
IRRIGATION CANNULA
angled at 12 mm
front opening
21 gauge / 0.8 mm



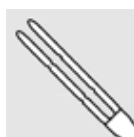
G-32772

BRAUWEILER
IRRIGATION CANNULA
angled at 13 mm
textured 0.8 mm iris retractor and
capsule polisher
21 gauge / 0.8 mm



G-33909

W. BAUER
LASIK CANNULA
double-armed
6 ports
for irrigation of the flap and stromal bed
25 gauge / 0.5 mm



G-33910

ZIRM
LASIK DISSECTOR CANNULA
 flattened
 front opening
 25 gauge / 0.5 mm

**G-33911**

ZIRM
LASIK IRRIGATION CANNULA
 flattened and textured tip
 with 5 irrigation ports
 20 gauge / 0.9 mm

**G-15310**

KRUMEICH
CORNEAL IRRIGATION CANNULA
 for big bubble technique during DALK
 semi-sharp dissector tip
 0.2 mm posterior port
 27 gauge / 0.4 mm

**G-15312**

KRUMEICH
CORNEAL IRRIGATION CANNULA
 for big bubble technique during DALK
 angled at 12 mm
 0.4 mm anterior port
 23 gauge / 0.6 mm

**G-22550**

IRRIGATION CANNULA HANDPIECE
 overall length 115 mm

**G-32015**

IRRIGATION CANNULA HANDPIECE
 male / female connectors
 overall length 112 mm

G-32771 *BRAUWEILER*
IRRIGATION CANNULA HANDPIECE
 male / female connectors
 78 mm



G-32773 *BRAUWEILER*
ASPIRATION CANNULA HANDPIECE
 male / male connectors
 80 mm



G-32778 *KEERL*
IRRIGATION CANNULA HANDPIECE
 with silicone tube



G-32010 **IRRIGATION CANNULA HANDPIECE**
 with silicone tube



G-22632 *SCHMACK*
 21 gauge / 0.8 mm



G-22633 **IRRIGATION HANDPIECE**
 0.5 mm port
ASPIRATION HANDPIECE
 0.3 mm port

G-22100 *D.D. KOCH - KOHNEN*
ASPIRATION HANDPIECE
 0.3 mm aspiration port
 textured tip
G-22102 22 gauge / 0.7 mm
 23 gauge / 0.6 mm



G-22101

D.D. KOCH - KOHNEN
IRRIGATION HANDPIECE
 front opening
 22 gauge / 0.7 mm

**G-22105**

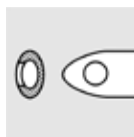
ASPIRATION HANDPIECE
 0.25 mm aspiration port
 conical tip
 oval tube 0.95 x 0.55 mm
 smooth

**G-22106**

textured

**G-22107**

IRRIGATION HANDPIECE
 0.5 mm irrigation port
 conical tip
 oval tube 0.95 x 0.55 mm

**G-22637**

SCHMACK
ASPIRATION HANDPIECE
 4 x 0.15 mm posterior ports
 textured tip
 23 gauge / 0.6 mm



G-32011

ASPIRATION HANDPIECE

0.3 mm aspiration port
textured, conical tip
21 gauge / 0.8 mm



G-32012

IRRIGATION HANDPIECE

dual 0.5 mm irrigation ports
textured, conical tip
21 gauge / 0.8 mm



G-32018

*BRAUWEILER***ASPIRATION HANDPIECE**

angled at 13 mm
0.3 mm beveled port
textured tip
21 gauge / 0.8 mm



G-32019

*H.-R. KOCH***ASPIRATION HANDPIECE**

angled at 14 mm
0.3 mm anterior port
half-textured, spatulated tip
21 gauge / 0.8 mm



G-32016

BRAUWEILER
IRRIGATION HANDPIECE
 angled at 12 mm
 front opening
 21 gauge / 0.8 mm

**G-32017**

BRAUWEILER
IRRIGATION HANDPIECE
 angled at 13 mm
 textured 0.8 mm iris retractor and
 capsule polisher
 21 gauge / 0.8 mm

**G-32026**

R. KOCH
ASPIRATION HANDPIECE
 0.3 mm aspiration port
 textured tip
 19 gauge / 1.1 mm

**G-32028**

R. KOCH
IRRIGATION HANDPIECE
 angled
 dual 0.75 mm side ports
 19 gauge / 1.1 mm



G-32014

*R. KOCH***IRRIGATION CHOPPER**

angled

dual 0.75 mm side ports

1 mm angled chopper tip

19 gauge / 1.1 mm



G-32059

*DICK***IRRIGATION CHOPPER**

angled

dual 0.75 mm side ports

1 mm curved chopper tip

19 gauge / 1.1 mm



G-38601

*ALTHAUS / CARTSBURG***IRRIGATION DESCemet HOOK**

hook diameter: 0.25 mm

hook length: 0.6 mm

for Descemetorhexis

rhombic 0.9 x 0.6 mm irrigation tube

overall length 98 mm



G-38602

*THOMAS NEUHANN***IRRIGATION DESCemet SCRAPER**

scraper width: 0.8 mm

scraper length: 0.6 mm

rhombic 0.9 x 0.6 mm irrigation tube

for peripheral scraping of the recipient bed

overall length 94 mm



G-38631*SZURMAN***DMEK IRRIGATION HANDPIECE**

curved, closed tip

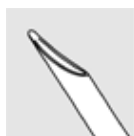
side port 0.3 mm

tube 23 gauge / 0.6 mm

**G-38632***SZURMAN***DMEK IRRIGATION HANDPIECE**

curved, front opening

tube 23 gauge / 0.6 mm

**PEP 2.2 MM I/A HANDPIECE**

Pure Efficiency Phaco

for 2.2 mm incisions

0.3 mm aspiration port

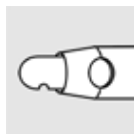
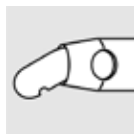
G-24318

coaxial I/A straight tip

G-24418

coaxial I/A 30° angled tip

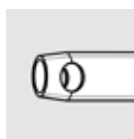
with G-24311 PEP infusion sleeve

straight
G-24318angled
G-24418**G-24311****PEP 2.2 MM INFUSION SLEEVE**

Pure Efficiency Phaco

for 2.2 mm incisions

purple translucent silicone





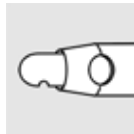
PEP 2.4 MM I/A HANDPIECE

Pure Efficiency Phaco
for 2.4 mm incisions
0.3 mm aspiration port
coaxial I/A straight tip
coaxial I/A 30° angled tip

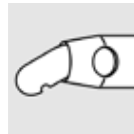
G-24332

G-24432

with G-24314 PEP infusion sleeve



straight
G-24332

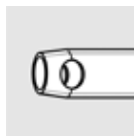


angled
G-24432

G-24314

PEP 2.4 MM INFUSION SLEEVE

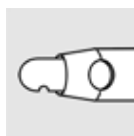
Pure Efficiency Phaco
for 2.4 mm incisions
green translucent silicone



G-24330

I/A HANDPIECE

coaxial straight tip
0.3 mm aspiration port
with G-24100 infusion sleeve



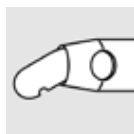
G-24430

G-24435

G-24440

I/A HANDPIECE

coaxial 30° angled tip
0.3 mm aspiration port
0.35 mm aspiration port
0.4 mm aspiration port

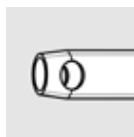


with G-24100 infusion sleeve



G-24100 INFUSION SLEEVE

blue silicone
for I/A handpieces

**G-22525****G-22527****G-22540****G-22542**

PAPST

I/A HANDPIECE

coaxial

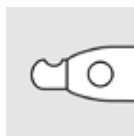
infusion tube 16 gauge / 1.6 mm

aspiration port 0.3 mm, straight

aspiration port 0.4 mm, straight

aspiration port 0.3 mm, angled 30°

aspiration port 0.4 mm, angled 30°



straight
G-22525
G-22527



angled
G-22540
G-22542

**G-22615**

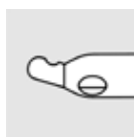
PAPST

I/A HANDPIECE

coaxial 30° angled tip

aspiration port 0.3 mm

infusion tube 18 gauge / 1.3 mm

**G-22556**

HUNOLD

I/A HANDPIECE

coaxial, curved

aspiration port 0.3 mm

infusion tube 18 gauge / 1.3 mm



G-33045 BACKFLUSH HANDPIECE

with Luer cone
overall length 110 mm

**G-31805 BACKFLUSH HANDPIECE**

with silicone chamber and Luer cone
overall length 110 mm

**G-37002 BACKFLUSH HANDPIECE**

with silicone chamber and
Luer-Lock connector
overall length 115 mm

**G-37000 BACKFLUSH HANDPIECE**

with silicone chamber and chuck
overall length 110 mm



for backflush tips G-37010 up to G-37080

SILICONE CHAMBER

for backflush handpieces
G-31805, G-37000, G-37002

G-31806

reusable

G-34806

single use, 10 pcs. per box, sterile

**G-37005 BACKFLUSH HANDPIECE**

with large silicone chamber
rotatable chuck

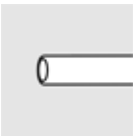
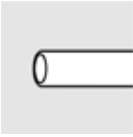
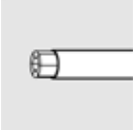
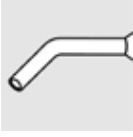


for backflush cannulas G-37010 up to G-37080

G-37006**SILICONE CHAMBER**

large, for backflush handpiece G-37005



G-33050 G-33054 G-33053	BACKFLUSH CANNULA 35 mm shaft 20 gauge / 0.9 mm 23 gauge / 0.6 mm 25 gauge / 0.5 mm		
G-33070	BACKFLUSH CANNULA 35 mm shaft 20 gauge / 0.9 mm shaft 25 gauge / 0.5 mm tip 3.5 mm tapered tip		
G-33071	BACKFLUSH CANNULA 35 mm shaft 0.5 mm side port 20 gauge / 0.9 mm		
G-33072	<i>LAQUA</i> BACKFLUSH CANNULA 35 mm shaft inside diameter: 21 gauge / 0.8 mm outside diameter: 19 gauge / 1.1 mm		
G-33073	<i>KAMPIK</i> BACKFLUSH CANNULA 35 mm shaft inside diameter: 22 gauge / 0.7 mm outside diameter: 20 gauge / 0.9 mm		
G-33075	BACKFLUSH CANNULA 35 mm shaft 0.8 mm silicone brush 20 gauge / 0.9 mm		
G-33077	BACKFLUSH CANNULA 20 gauge / 0.9 mm shaft 24 gauge / 0.55 mm tip 7 mm tapered tip, angled at 3.5 mm		

G-37010 **BACKFLUSH TIP**
35 mm shaft
20 gauge / 0.9 mm

G-37011 23 gauge / 0.6 mm

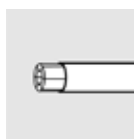
G-37012 25 gauge / 0.5 mm



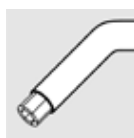
G-37015 **BACKFLUSH TIP**
35 mm shaft
angled at 3 mm
20 gauge / 0.9 mm



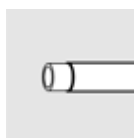
G-37020 **BACKFLUSH TIP**
35 mm shaft
0.8 mm silicone brush
20 gauge / 0.9 mm



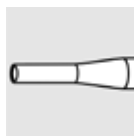
G-37025 **BACKFLUSH TIP**
35 mm shaft
angled at 6 mm
0.8 mm silicone brush
20 gauge / 0.9 mm



G-37035 **BACKFLUSH TIP**
35 mm shaft
0.8 mm silicone tip
20 gauge / 0.9 mm



G-37046 *KLEIN*
BACKFLUSH TIP
20 gauge / 0.9 mm shaft
26 gauge / 0.45 mm tip
2 mm tapered tip
overall length 35 mm

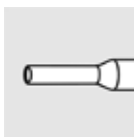


G-37065 **BACKFLUSH TIP**
35 mm shaft
20 gauge / 0.9 mm shaft
30 gauge / 0.3 mm tip
tapered tip, angled at 5 mm
oval aspiration port

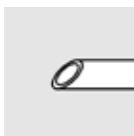


G-37080**BACKFLUSH TIP**

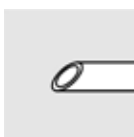
35 mm shaft
 20 gauge / 0.9 mm shaft
 23 gauge / 0.6 mm tip
 2 mm tapered tip
 overall length 35 mm

**G-33420****INFUSION CANNULA**

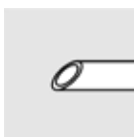
silicone tube 40 cm
 Luer-Lock metal adapter
 20 gauge / 0.9 mm
 beveled, 4.0 mm (single-use G-33463)
G-33425 beveled, 5.0 mm
G-33430 beveled, 6.0 mm
G-33433 beveled, 7.0 mm

**G-33450****INFUSION CANNULA**

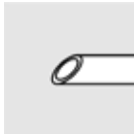
silicone tube 40 cm
 Luer-Lock plastic adapter
 20 gauge / 0.9 mm
 beveled, 4.0 mm
G-33451 beveled, 5.0 mm
G-33452 beveled, 6.0 mm

**G-33484****INJECTION CANNULA**

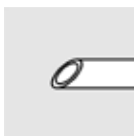
for viscous fluids, without silicone tube
 for butterfly-19 cannula
 20 gauge / 0.9 mm
 beveled, 4.0 mm
G-33485 beveled, 5.0 mm
G-33486 beveled, 6.0 mm

**G-33494****INJECTION CANNULA**

for viscous fluids, without silicone tube
 for butterfly-21 cannula
 20 gauge / 0.9 mm
 beveled, 4.0 mm
G-33495 beveled, 5.0 mm

**G-32180***DUISBURG MODEL***INJECTION CANNULA**

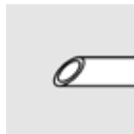
for viscous fluids
 25 cm silicone tube with 2 metal sleeves
 and Luer-Lock adapter
 20 gauge / 0.9 mm
 beveled, 4.0 mm
G-32181 beveled, 5.0 mm
G-32182 beveled, 6.0 mm



*HAMBURG MODEL***INJECTION CANNULA**

for viscous fluids
25 cm silicone tube with metal sleeve
and Luer-Lock adapter
3 spare silicone tubes

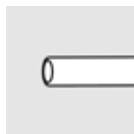
- G-33470** 20 gauge / 0.9 mm, beveled, 4.0 mm
G-33471 20 gauge / 0.9 mm, beveled, 5.0 mm
G-33472 20 gauge / 0.9 mm, beveled, 6.0 mm
G-33473 23 gauge / 0.6 mm, beveled, 4.0 mm
G-33474 23 gauge / 0.6 mm, beveled, 6.0 mm

**G-33475 SPARE SILICONE TUBE**

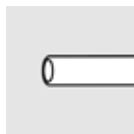
for injection cannulas
25 cm
3 pcs. per box

*WEBER***ASPIRATION CANNULA**

for viscous fluids
inside diameter: 22 gauge / 0.7 mm
outside diameter: 20 gauge / 0.9 mm
G-33051 5 mm shaft
G-33052 10 mm shaft

**G-37390 ASPIRATION CANNULA**

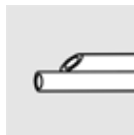
23 gauge / 0.6 mm
10 mm shaft

**G-33056 ROIDER ASPIRATION CANNULA**

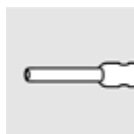
for viscous fluids
0.7 mm side port
19 gauge / 1.0 mm

**G-33055 PFCL CANNULA**

with dual shaft
24 gauge / 0.55 mm
25 gauge / 0.5 mm, lateral tube

**G-33057 CHANG PFCL CANNULA**

for injection of heavy fluids
dual bore, coaxial
25 gauge / 0.5 mm tip
20 gauge / 0.9 mm shaft



*HEIDELBERG MODEL***CANNULA**

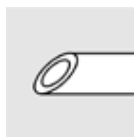
for injection or aspiration of viscous fluids
 and Densiron® 68, bevel 30°

G-32699

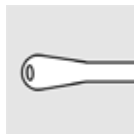
19 gauge / 1.1 mm

G-32698

18 gauge / 1.2 mm

**G-33059***BARTZ-SCHMIDT***CANNULA**

for retinal detachment, coaxial,
 probe tip 0.9 mm, outside diameter
 of inner tube: 25 gauge / 0.5 mm,
 20 gauge / 0.9 mm

**STOPPER**

for viscous fluid aspiration
 with tube connection for single-use syringe

G-33060

for 5 ml syringe

G-33065

for 10 ml syringe

G-33066

for 20 ml syringe

**G-32697****PRESSURE TUBE**

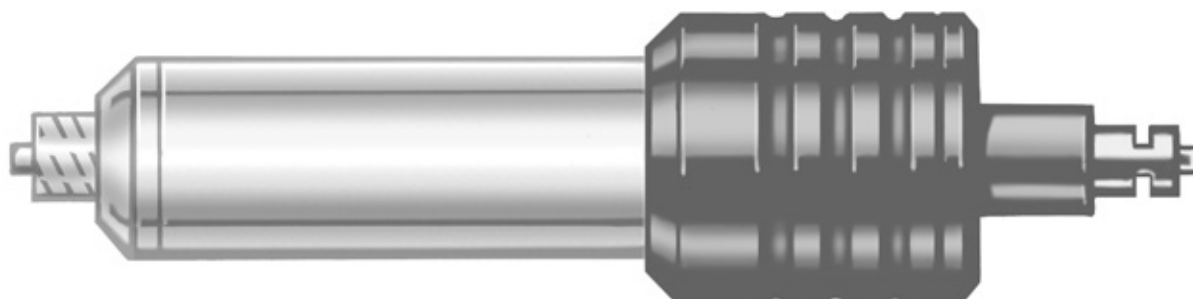
for injection of viscous fluids
 Luer-Lock female / male
 reusable

**G-32696****SINGLE-USE PRESSURE TUBE**

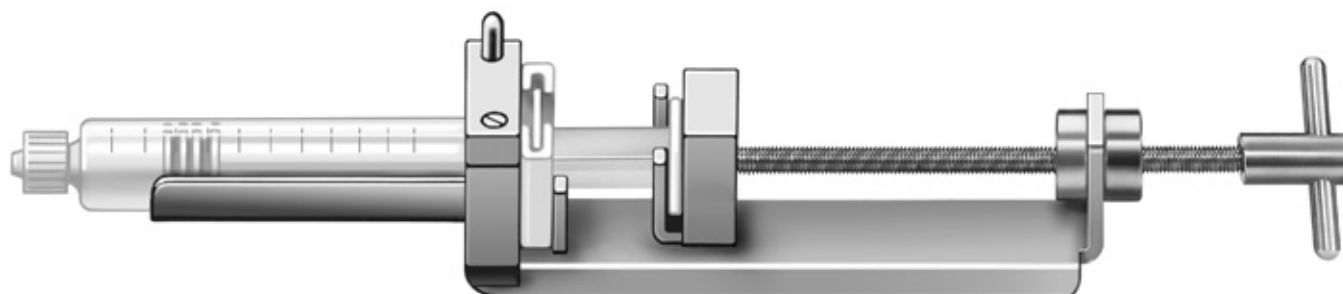
for injection of viscous fluid, Luer-Lock female / male
 10 pcs. per box, sterile

**G-30745****PRESSURE CONNECTION TUBE**

for MEGATRON S3 / S4 HPS
 for holder G-28750 and G-28764
 for pneumatic silicone oil injection
 length 2 m



G-28764 ADAPTER
with protective cover for glass syringes
to inject viscous fluid pneumatically



G-28752 SYRINGE HOLDER
for manual injection of
viscous fluids in glass syringes,
with clamp and retraction mechanism

SYRINGE CLIP
customized labeling

- G-19960** for 2 ml syringes
G-19961 for 5 ml syringes



SILICONE BULB
with Luer cone

- G-32665** 20 ml
G-32670 60 ml



SINGLE USE INSTRUMENTS



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NANOEDGE TREPHINES

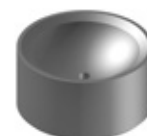
length 16 mm
sterile, single-use

G-520400	4.00 mm	G-520825	8.25 mm	G-521350	13.50 mm
G-520500	5.00 mm	G-520850	8.50 mm	G-521400	14.00 mm
G-520550	5.50 mm	G-520875	8.75 mm	G-521450	14.50 mm
G-520600	6.00 mm	G-520900	9.00 mm	G-521500	15.00 mm
G-520625	6.25 mm	G-520950	9.50 mm	G-521550	15.50 mm
G-520650	6.50 mm	G-521000	10.00 mm	G-521600	16.00 mm
G-520675	6.75 mm	G-521050	10.50 mm	G-521650	16.50 mm
G-520700	7.00 mm	G-521100	11.00 mm	G-521700	17.00 mm
G-520725	7.25 mm	G-521150	11.50 mm	G-521800	18.00 mm
G-520750	7.50 mm	G-521200	12.00 mm		
G-520775	7.75 mm	G-521250	12.50 mm		
G-520800	8.00 mm	G-521300	13.00 mm		



G-500001 NANOEDGE SINGLE-USE CORNEAL CUTTING BLOCK

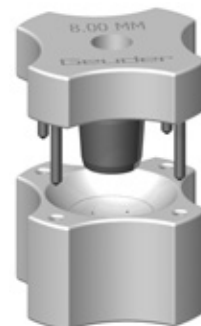
Teflon, sterile
white-colored
outside diameter 18.8 mm
height 9.5 mm



NANOEDGE TREPHINE PUNCHES

sterile, single-use

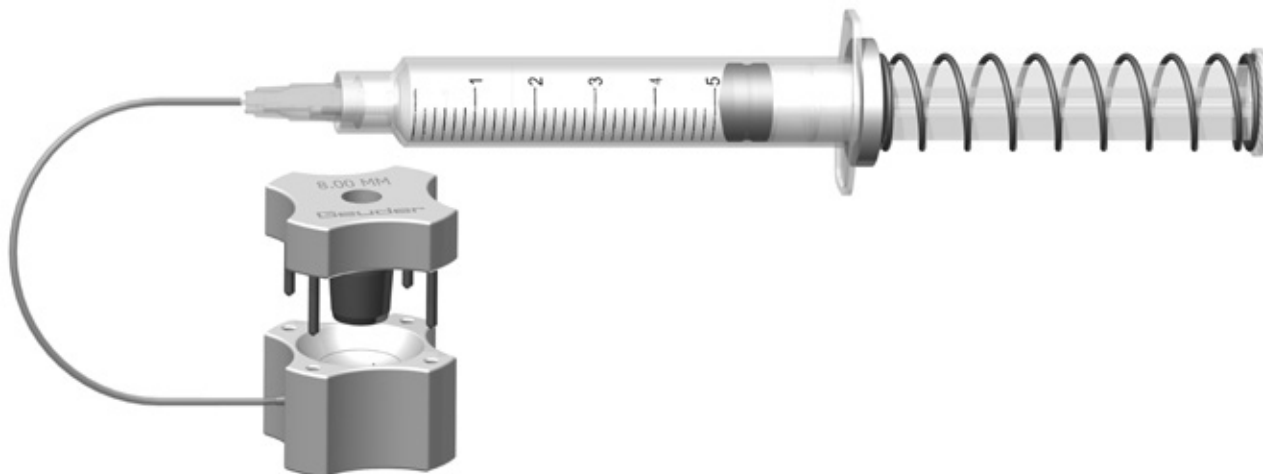
G-540600	6.00 mm	G-540725	7.25 mm	G-540850	8.50 mm
G-540625	6.25 mm	G-540750	7.50 mm	G-540875	8.75 mm
G-540650	6.50 mm	G-540775	7.75 mm	G-540900	9.00 mm
G-540675	6.75 mm	G-540800	8.00 mm	G-540925	9.25 mm
G-540700	7.00 mm	G-540825	8.25 mm	G-540950	9.50 mm



NANOEDGE VACUUM TREPHINE PUNCHES

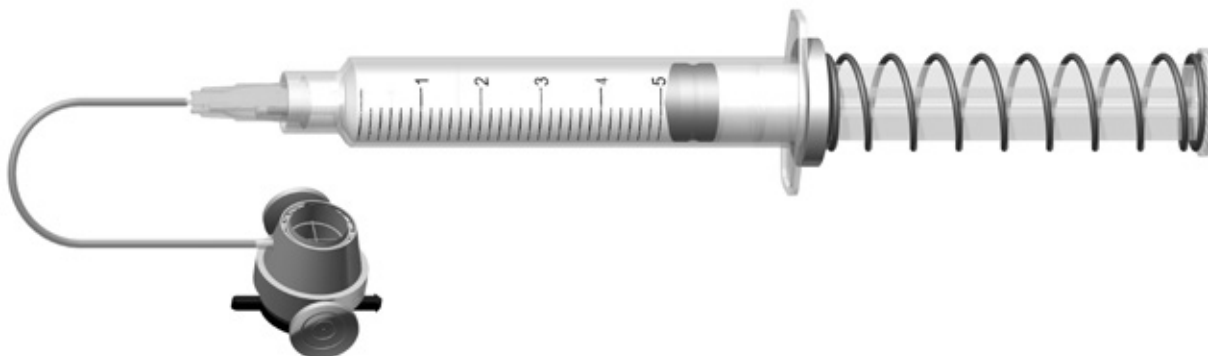
sterile, single-use

G-560600	6.00 mm	G-560725	7.25 mm	G-560850	8.50 mm
G-560625	6.25 mm	G-560750	7.50 mm	G-560875	8.75 mm
G-560650	6.50 mm	G-560775	7.75 mm	G-560900	9.00 mm
G-560675	6.75 mm	G-560800	8.00 mm	G-560925	9.25 mm
G-560700	7.00 mm	G-560825	8.25 mm	G-560950	9.50 mm

**NANOEDGE VACUUM TREPHINE radial**

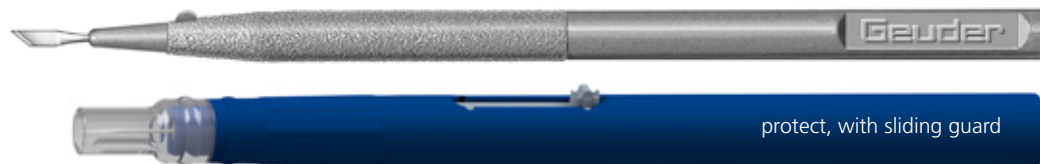
sterile, single-use

G-570600	6.00 mm	G-570750	7.50 mm	G-570850	8.50 mm
G-570650	6.50 mm	G-570775	7.75 mm	G-570875	8.75 mm
G-570700	7.00 mm	G-570800	8.00 mm	G-570900	9.00 mm
G-570725	7.25 mm	G-570825	8.25 mm		



SINGLE-USE KNIVES FOR OPHTHALMIC SURGERY

6 pcs. per box
sterile



NANOEDGE PARACENTESIS KNIFE



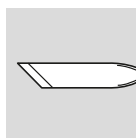
G-34026 15°, straight
G-34064 15° protect



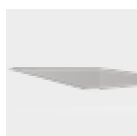
G-34031 22,5°, straight



G-34036 30°, straight
G-34065 30° protect



G-34041 45°, straight

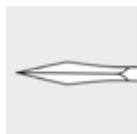


NANOEDGE STAB BLADE TIP straight

G-34042 15°
G-34043 30°
G-34044 45°



NANOEDGE MVR STILETTO straight



	diameter insertable instruments	incision / blade width
G-34176	19 gauge / 1.1 mm	1.4 mm
G-34181	20 gauge / 0.9 mm	1.2 mm
G-34192	23 gauge / 0.6 mm	0.8 mm
G-34198	25 gauge / 0.5 mm	0.7 mm

NANOEDGE CORNEAL SIDEPORT KNIFE straight

	incision / blade width
G-34070	1.0 mm
G-34071	1.2 mm

NANOEDGE MVR STILETTO angled



	diameter insertable instruments	incision / blade width
G-34177	19 gauge / 1.1 mm	1.4 mm
G-34063	19 gauge / 1.1 mm protect	1.4 mm
G-34191	20 gauge / 0.9 mm	1.2 mm
G-34196	23 gauge / 0.6 mm	0.8 mm
G-34197	25 gauge / 0.5 mm	0.7 mm

NANOEDGE CORNEAL SIDEPORT KNIFE angled

	incision / blade width
G-34072	1.0 mm
G-34073	1.2 mm



NANOEDGE PHACO SLIT KNIFE

angled, double bevel

G-34050 1.80 mm

G-34092 2.20 mm

G-34060 2.20 mm, protect

G-34094 2.40 mm

G-34061 2.40 mm, protect

G-34053 2.50 mm

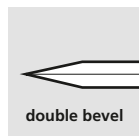
G-34054 2.75 mm

G-34055 2.85 mm

G-34062 2.85 mm, protect

G-34056 3.00 mm

G-34057 3.20 mm



NANOEDGE PHACO SLIT KNIFE

angled, bevel up

G-34058 2.00 mm

G-34095 2.20 mm

G-34097 2.40 mm

G-34091 2.50 mm

G-34093 2.65 mm

G-34096 2.75 mm

G-34098 2.85 mm

G-34106 3.00 mm

G-34111 3.20 mm



NANOEDGE CLEAR CORNEA KNIFE

angled, double bevel

G-34066 1.30 mm,
with indicator

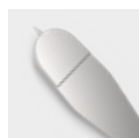
G-34067 2.40 mm,
with indicator

G-34120 2.65 mm

G-34122 2.75 mm

G-34124 2.85 mm

G-34126 3.00 mm



NANOEDGE PRECISION DEPTH KNIFE (LRI) straight

G-34076 300 µm

G-34077 350 µm

G-34078 500 µm

G-34079 600 µm



NANOEDGE CRESCENT KNIFE

angled, bevel up

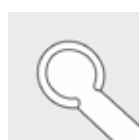
G-34081 2.0 mm



NANOEDGE CRESCENT BLADE TIP

angled, bevel up

G-34045 2.0 mm



NANOEDGE SPOON KNIFE

angled, double bevel

G-34086 2.2 mm



NANOEDGE SCLERAL BLADE

straight

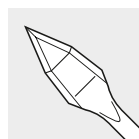
G-34074 3.5 – 4.0 mm



NANOEDGE LAMELLAR BLADE

angled, bevel up

G-34075 2.3 mm



NANOEDGE TRAPEZOID CLEAR CORNEA IMPLANT KNIFE (CCI)

angled, with indicator

G-34152 1.5 – 2.0 mm

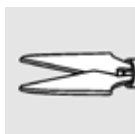
20G RED: 20 GAUGE / 0.9 MM

23G GREEN: 23 GAUGE / 0.6 MM

25G BLUE: 25 GAUGE / 0.5 MM

SCISSORS

SINGLE-USE VITREOUS SCISSORS
UNO COLORLINE
straight, sterile



G-42061 20G, 1 pcs. per box

G-42361 23G, 1 pcs. per box

G-42561 25G, 1 pcs. per box

SINGLE-USE VITREOUS SCISSORS
UNO COLORLINE
curved, sterile



G-42362 23G, 1 pcs. per box

G-46362 23G, 6 pcs. per box

G-42562 25G, 1 pcs. per box

G-46562 25G, 6 pcs. per box

HANDLES

HANDLE UNO COLORLINE 20G, 23G, 25G
titanium handle for UNO Colorline
single-use tips

G-40006 6 mm diameter

G-40008 8 mm diameter



20G RED: 20 GAUGE / 0.9 MM

23G GREEN: 23 GAUGE / 0.6 MM

25G BLUE: 25 GAUGE / 0.5 MM

FORCEPS

SINGLE-USE VITREOUS FORCEPS ENDGRIPPING UNO COLORLINE

straight, extra delicate,
endgripping, sterile



0.3 mm x 0.1 mm

G-42041 20G, 1 pcs. per box

G-46041 20G, 6 pcs. per box

0.2 mm x 0.05 mm

G-42341 23G, 1 pcs. per box

G-46341 23G, 6 pcs. per box

0.2 mm x 0.05 mm

G-42541 25G, 1 pcs. per box

G-46541 25G, 6 pcs. per box

HATTENBACH

SINGLE-USE VITREOUS FORCEPS WAVE DESIGN UNO COLORLINE

straight, wave design, sterile



0.3 mm x 0.5 mm

G-42042 20G, 1 pcs. per box

G-46042 20G, 6 pcs. per box

0.2 mm x 0.5 mm

G-42342 23G, 1 pcs. per box

G-46342 23G, 6 pcs. per box

0.2 mm x 0.5 mm

G-42542 25G, 1 pcs. per box

G-46542 25G, 6 pcs. per box

SINGLE-USE VITREOUS FORCEPS CROCODILE DESIGN UNO COLORLINE

straight, crocodile design, sterile



0.3 mm x 2.5 mm

G-42043 20G, 1 pcs. per box

0.2 mm x 1.5 mm

G-42343 23G, 1 pcs. per box

G-46343 23G, 6 pcs. per box

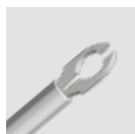
0.2 mm x 1.5 mm

G-42543 25G, 1 pcs. per box

G-46543 25G, 6 pcs. per box

SINGLE-USE TANO FORCEPS UNO COLORLINE

straight, sterile



G-42044 20G, 1 pcs. per box

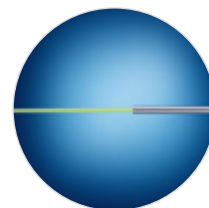
G-42344 23G, 1 pcs. per box

G-42544 25G, 1 pcs. per box

STRAIGHT LASER PROBES



UNO
COLORLINE



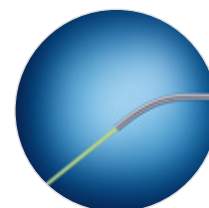
REF	SIZE	TYPE	LASER CONNECTOR
G-61508	20G	straight	Geuder, Zeiss, Alcon
G-61538	23G	straight	Geuder, Zeiss, Alcon
G-61558	25G	straight	Geuder, Zeiss, Alcon
G-61578	27G	straight	Geuder, Zeiss, Alcon
G-61601	20G	straight	Iridex
G-61631	23G	straight	Iridex
G-61651	25G	straight	Iridex
G-61671	27G	straight	Iridex



CURVED LASER PROBES



UNO
COLORLINE



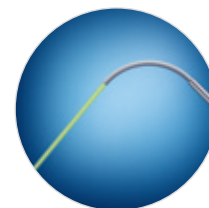
REF	SIZE	TYPE	LASER CONNECTOR
G-61509	20G	curved	Geuder, Zeiss, Alcon
G-61539	23G	curved	Geuder, Zeiss, Alcon
G-61559	25G	curved	Geuder, Zeiss, Alcon
G-61579	27G	curved	Geuder, Zeiss, Alcon
G-61603	20G	curved	Iridex
G-61633	23G	curved	Iridex
G-61653	25G	curved	Iridex
G-61673	27G	curved	Iridex



ENDO PROBES

16

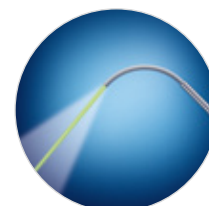
BENDING LASER PROBES



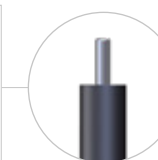
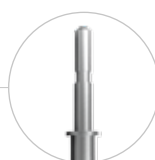
REF	SIZE	TYPE	LASER CONNECTOR
G-61501	20G	bending	Geuder, Zeiss, Alcon
G-61531	23G	bending	Geuder, Zeiss, Alcon
G-61551	25G	bending	Geuder, Zeiss, Alcon
G-61571	27G	bending	Geuder, Zeiss, Alcon
G-61503	20G	bending	Iridex
G-61533	23G	bending	Iridex
G-61553	25G	bending	Iridex
G-61573	27G	bending	Iridex



ILLUMINATED BENDING LASER PROBES



REF	SIZE	TYPE	LIGHT CONNECTOR	LASER CONNECTOR
G-61505	20G	illumin. bending	Geuder	Geuder, Zeiss, Alcon
G-61535	23G	illumin. bending	Geuder	Geuder, Zeiss, Alcon
G-61555	25G	illumin. bending	Geuder	Geuder, Zeiss, Alcon
G-61575	27G	illumin. bending	Geuder	Geuder, Zeiss, Alcon
G-61506	20G	illumin. bending	Alcon	Geuder, Zeiss, Alcon
G-61536	23G	illumin. bending	Alcon	Geuder, Zeiss, Alcon
G-61556	25G	illumin. bending	Alcon	Geuder, Zeiss, Alcon
G-61576	27G	illumin. bending	Alcon	Geuder, Zeiss, Alcon

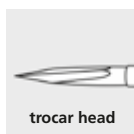
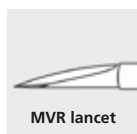


20G RED: 20 GAUGE / 0.9 MM
23G GREEN: 23 GAUGE / 0.6 MM
25G BLUE: 25 GAUGE / 0.5 MM

TROCAR SYSTEMS

HATTENBACH / NIKOLIC

SINGLE-USE TROCAR SYSTEM ONE-STEP UNO COLORLINE

 3 ports for one-step technique,
 incl. infusion tubing, sterile

G-42311 23G, 1 set per box
G-46311 23G, 6 sets per box

G-42511 25G, 1 set per box
G-46511 25G, 6 sets per box

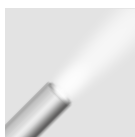
SINGLE-USE TROCAR PLUGS UNO COLORLINE


G-42319 23G, 1 set (3 pcs.) per box

FIBER OPTICS

SINGLE-USE FIBER OPTIC S UNO COLORLINE

spot, sterile

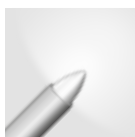

G-42021 20G, 1 pcs. per box
G-46021 20G, 6 pcs. per box

G-42321 23G, 1 pcs. per box
G-46321 23G, 6 pcs. per box

G-42521 25G, 1 pcs. per box
G-46521 25G, 6 pcs. per box

SINGLE-USE FIBER OPTIC W UNO COLORLINE

wide angle, sterile


G-42022 20G, 1 pcs. per box
G-46022 20G, 6 pcs. per box

G-42322 23G, 1 pcs. per box
G-46322 23G, 6 pcs. per box

G-42522 25G, 1 pcs. per box
G-46522 25G, 6 pcs. per box

20G RED: 20 GAUGE / 0.9 MM

23G GREEN: 23 GAUGE / 0.6 MM

25G BLUE: 25 GAUGE / 0.5 MM

SINGLE-USE FIBER OPTIC WS UNO COLORLINE

wide angle, shielded, sterile



G-42023 20G, 1 pcs. per box
G-46023 20G, 6 pcs. per box

G-42323 23G, 1 pcs. per box
G-46323 23G, 6 pcs. per box

G-42523 25G, 1 pcs. per box
G-46523 25G, 6 pcs. per box

VITREOUS CUTTERS

SINGLE-USE HIGH SPEED VITREOUS CUTTER UNO COLORLINE

pneumatic, with GEUDER safety-connector, sterile



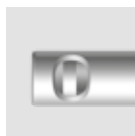
G-42001 20G, 1 pcs. per box
G-46001 20G, 6 pcs. per box

G-42301 23G, 1 pcs. per box
G-46301 23G, 6 pcs. per box

G-42501 25G, 1 pcs. per box
G-46501 25G, 6 pcs. per box

SINGLE-USE HIGH SPEED VITREOUS CUTTER MACH 2 UNO COLORLINE

Doubleblade, pneumatic, with GEUDER safety-connector, sterile



G-42002 20G, 1 pcs. per box
G-46002 20G, 6 pcs. per box

G-42302 23G, 1 pcs. per box
G-46302 23G, 6 pcs. per box

G-42502 25G, 1 pcs. per box
G-46502 25G, 6 pcs. per box

SINGLE-USE INFUSION TUBE 20G UNO COLORLINE

for 20 gauge GEUDER
UNO Colorline vitreous cutters, sterile

G-42009 20G, 1 pcs. per box
G-46009 20G, 6 pcs. per box





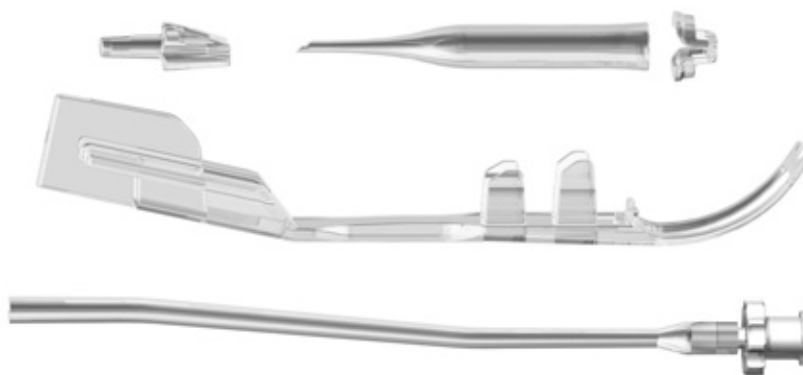
SZURMAN

SINGLE-USE DMEK-CARTRIDGE

for Descemet Membrane Endothelial Keratoplasty
 incl. tube connection for loading
 the cartridge, sterile

G-38630 incision 2.8 to 3.0 mm, 14 gauge / 2.0 mm

G-38635 incision 2.4 to 2.75 mm, 16 gauge / 1.6 mm

**G-38626**

SZURMAN

DMEK RAPID

Single-use DMEK transportation cartridge
 for transportation of prepared
 Descemet membrane for use in
 Descemet membrane endothelial
 keratoplasty (DMEK)
 incl. cartridge, 2 plugs,
 transportation holder for cartridge
 and connection for loading the cartridge
 6 sets per box, sterile

G-38611**SINGLE-USE TUBING WITH
LUER CONNECTOR**

e.g. for rinsing and staining the
 Descemet membrane
 6 pcs. per box, sterile

**G-34523-1****SINGLE-USE IRIS RETRACTOR**

for mechanical dilation of the pupil, flexible
 6 iris retractors per set, 5 sets per box, sterile

**G-34810****LACRIMAL INTUBATION TUBING**

silicone tubing 35 cm
 OD 0.6 mm, ID 0.3 mm
 10 pcs. per box, sterile



G-34811 LACRIMAL INTUBATION SET

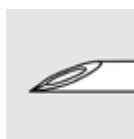
suture with silicone tubing
0.6 mm
10 pcs. per box, sterile

**G-34290 SINGLE-USE LACRIMAL CANNULA**

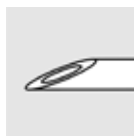
curved 26 gauge / 0.45 x 30 mm
10 pcs. per box, sterile

**SINGLE-USE RETROBULBAR CANNULA**

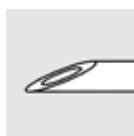
10 pcs. per box, sterile
25 gauge, 0.5 x 38 mm
26 gauge, 0.45 x 50 mm

**G-34200****G-34205***ATKINSON***SINGLE-USE RETROBULBAR CANNULA**

10 per box, sterile
25 gauge, 0.5 x 40 mm
23 gauge, 0.64 x 38 mm

**G-34210****G-34215****G-34220 SINGLE-USE PERIBULBAR CANNULA**

25 gauge, 0.5 x 32 mm
10 pcs. per box, sterile

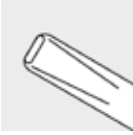
**SINGLE-USE CYSTOTOME CANNULA**

vaulted, 45°
25 gauge / 0.5 mm
10 pcs. per box, sterile
12.5 mm long, side cutting
12.5 mm long

**G-34225****G-34230****G-34261***LEWICKY***SINGLE-USE A. C. MAINTAINER**

20 gauge / 0.9 mm, tip 5 mm
3 pcs. per box, sterile

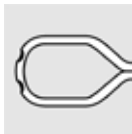


G-34235 G-34240	<i>RYCROFT</i> SINGLE-USE A. C. CANNULA angled at 7 mm, 45° 10 pcs. per box, sterile 20 gauge, 0.9 x 5 + 17 mm 25 gauge, 0.5 x 25 mm		
G-34245	<i>SAUTTER</i> SINGLE-USE HYDRODISSECTION CANNULA vertically flattened 27 gauge / 0.4 x 22 mm 10 pcs. per box, sterile		
G-34270	<i>TUEBINGEN MODEL</i> SINGLE-USE HYDRODISSECTION CANNULA 30 gauge / 0.3 x 19.5 mm 10 pcs. per box, sterile		
G-34271	<i>FRANKFURT MODEL</i> SINGLE-USE HYDRODISSECTION CANNULA 27 gauge / 0.4 mm x 15 mm 10 pcs. per box, sterile		
G-34500	<i>SAAD</i> SINGLE-USE UNFOLDING CANNULA for unfolding Descemet membrane in DMEK 1 front port, 4 lateral ports 27 gauge / 0.4 mm 10 pcs. per box, sterile		
G-34501	SINGLE-USE DALK CANNULA for big-bubble technique of deep anterior lamellar keratoplasty (DALK) 27 gauge / 0.4 mm, curved, flattened tip 0.4 mm posterior port 10 pcs. per box, sterile		

G-34265

SINGLE-USE IRRIGATION VECTIS CANNULA

doube port
25 gauge / 0.5 mm
10 pcs. per box, sterile



G-34255

KRATZ

SINGLE-USE CAPSULE POLISHING CANNULA

angled at 9 mm, 45°
closed tip with sideport, textured
23 gauge / 0.6 mm
10 pcs. per box, sterile

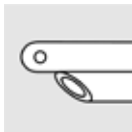


G-34280

SIMCOE

SINGLE-USE I/A CANNULA

0.4 mm diameter aspiration port
front opening irrigation port
23 gauge / 0.64 mm
10 pcs. per box, sterile



G-15197

SINGLE-USE IRRIGATION CANNULA

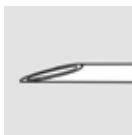
for viscocanalostomy
26 gauge / 0.45 mm shaft
35 gauge / 0.21 mm angled tip
5 mm tapered tube, curved
5 pcs. per box, sterile



G-80975

SINGLE-USE INJECTION CANNULA

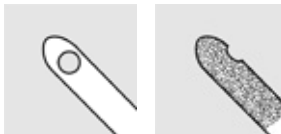
for EasyGas®
30 gauge / 0.3 x 12 mm
100 pcs. per box, sterile




G-34400 SINGLE-USE BIMANUAL I/A HANDPIECE SET

consisting of:

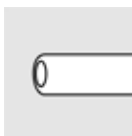
- Irrigation Handpiece, irrigation ports 2 x 0.6 mm
 - Aspiration Handpiece, aspiration port 0.4 mm
 - rough tip tube 21 gauge / 0.8 mm
- 5 pcs. per box, sterile

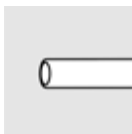

G-34289 SINGLE-USE BACKFLUSH HANDPIECE

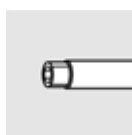
 with silicone chamber, Luer-Lock
 10 pcs. per box, sterile

G-34806 SINGLE-USE SILICONE CHAMBER

 for backflush handpieces G-31805,
 G-37000 and G-37002
 10 pcs. per box, sterile

G-34275 SINGLE-USE BACKFLUSH CANNULA
 inside diameter 25 gauge / 0.5 mm
 outside diameter 21 gauge / 0.8 x 35 mm
 10 pcs. per box, sterile

SINGLE-USE BACKFLUSH CANNULA

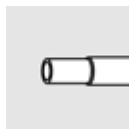
 blunt tip
 10 pcs. per box, sterile
G-34291 20 gauge / 0.9 mm
G-34296 23 gauge / 0.6 mm
G-34299 25 gauge / 0.5 mm

SINGLE-USE BACKFLUSH CANNULA

 with silicone brush
 5 pcs. per box, sterile
G-34293 20 gauge / 0.9 mm
G-34294 23 gauge / 0.6 mm
G-34297 25 gauge / 0.5 mm


SINGLE-USE BACKFLUSH CANNULA

with silicone tip
 5 pcs. per box, sterile
 20 gauge / 0.9 mm
 23 gauge / 0.6 mm
 25 gauge / 0.5 mm

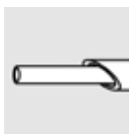
G-34292
G-34295
G-34298



G-34285

SINGLE-USE PFCL CANNULA

for injection of heavy fluids
 dual bore, coaxial
 23 gauge / 0.64 mm
 10 pcs. per box, sterile

**SINGLE-USE VFI CANNULA FOR OIL I/A**

for silicone oil injection/aspiration
 polyimide tip 6 mm, thin-walled
 10 pcs. per box, sterile
 20 gauge / 0.9 mm
 23 gauge / 0.6 mm
 25 gauge / 0.5 mm
 27 gauge / 0.4 mm

G-34493
G-34494
G-34495
G-34496

**SINGLE-USE CANNULA**

to inject silicone oil
 10 pcs. per box, sterile
 20 gauge / 0.9 mm x 8 mm
 23 gauge / 0.6 mm x 8 mm

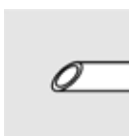
G-34497
G-34498



G-33482

SINGLE-USE INJECTION CANNULA

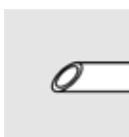
for viscous fluids, self-retaining, 4.0 mm tip
 with 25 cm PVC tube
 Luer-Lock plastic adapter
 20 gauge / 0.9 mm
 5 pcs. per box, sterile

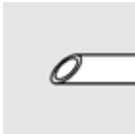


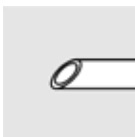
G-33463

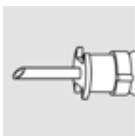
SINGLE-USE INFUSION CANNULA

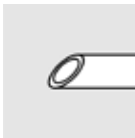
self-retaining, 4.0 mm tip
 with 25 cm silicone tube
 Luer-Lock plastic adapter
 20 gauge / 0.9 mm
 5 pcs. per box, sterile

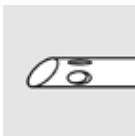


G-33468 G-33469	SINGLE-USE INFUSION CANNULA with 25 cm silicone tube Luer-Lock plastic adapter 20 gauge / 0.9 mm 5 pcs. per box, sterile		
	beveled tip, 4.0 mm beveled tip, 6.0 mm		

G-33462	SINGLE-USE INFUSION CANNULA 4.0 mm beveled tip with 25 cm PVC tube Luer-Lock plastic adapter 25 gauge / 0.5 mm 10 pcs. per box, sterile		
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G-33488 G-33489	SINGLE-USE INJECTION CANNULA for viscous fluids with 1 metal sleeve, Luer-Lock plastic adapter and 25 cm PVC tube 20 gauge / 0.9 mm 5 pcs. per box, sterile		
	beveled tip, 4.0 mm beveled tip, 6.0 mm		

G-34480	SINGLE-USE INJECTION CANNULA for viscous fluids 4.0 mm beveled tip with 2 metal sleeves, Luer-Lock plastic adapter and 25 cm silicone tube 19 gauge / 1.1 mm 10 pcs. per box, sterile		
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G-34492	<i>KIRCHHOF</i> SINGLE-USE INJECTION CANNULA for gas / viscous fluids 5.0 mm beveled tip with 4 infusion side ports 2 metal sleeves, Luer-Lock plastic adapter and 40 cm silicone tube 20 gauge / 0.9 mm 10 pcs. per box, sterile		
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G-32696	SINGLE-USE PRESSURE TUBE for injection of viscous fluid, Luer-Lock female / male 10 pcs. per box, sterile	
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G-31891 **SINGLE-USE SYRINGE**
Luer-Lock, 10 ml, sterile



G-38610 **SINGLE-USE SYRINGE BD EMERALD™**
Luer slip, 5 ml, sterile
100 pcs. per box



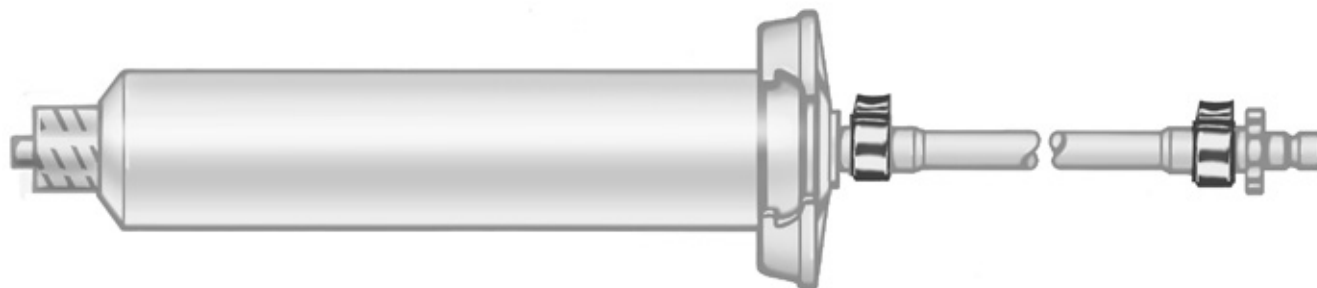
G-31520 **SINGLE-USE MINI FILTER**
0.1 µm, sterile



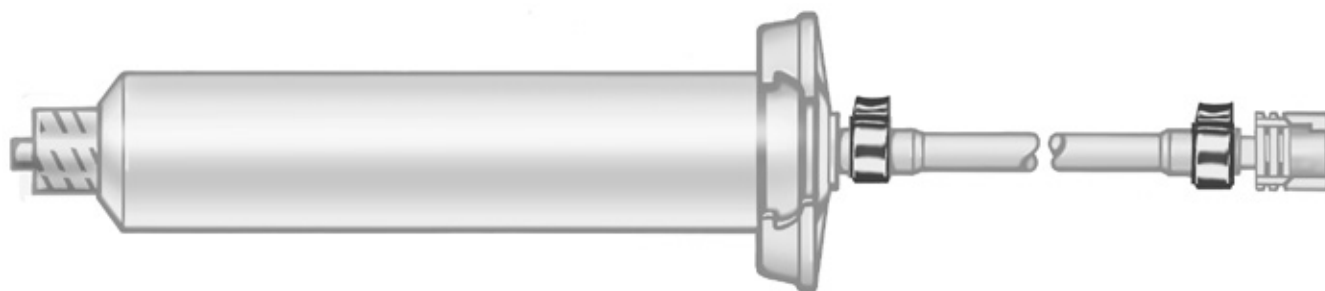
G-23991 **SINGLE-USE THREE-WAY STOP COCK**
2x Luer-Lock female, 1x Luer-Lock male
plastic, sterile



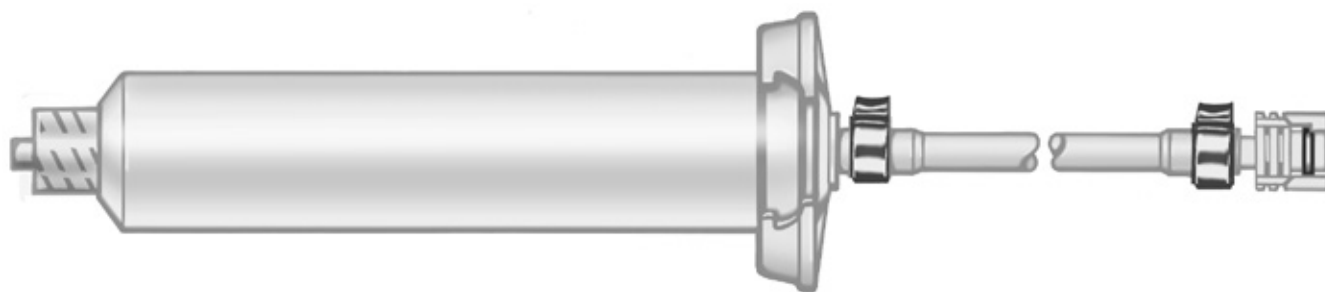
G-30146 **SINGLE-USE AIR INJECTION TUBE**
for MEGATRON S3 / S4 HPS
incl. filter 0.1 µm and 2-way-stopcock
length 1.9 m
6 pcs. per box, sterile



G-28766 **SINGLE-USE OIL INJECTION SYSTEM**
 to inject silicone oil pneumatically,
 with protective cover for glass syringe,
 pressure tube fits megaTRON® S3 / S4 HPS and
 Pentasys® 2, sterile



G-28767 **SINGLE-USE OIL INJECTION SYSTEM**
 to inject silicone oil pneumatically,
 with protective cover for glass syringe,
 pressure tube fits megaTRON® and Accurus® ,sterile



G-28768 **SINGLE-USE OIL INJECTION SYSTEM**
 to inject silicone oil pneumatically,
 with protective cover for glass syringe,
 pressure tube fits Millennium® , sterile

G-19826

**SINGLE USE LOW TEMPERATURE BATTERY
CAUTERY**

fine tip, 427 °C - 482 °C
10 pcs. per box, sterile



G-19827

**SINGLE USE HIGH TEMPERATURE BATTERY
CAUTERY**

fine tip, 704 °C - 1500 °C
10 pcs. per box, sterile



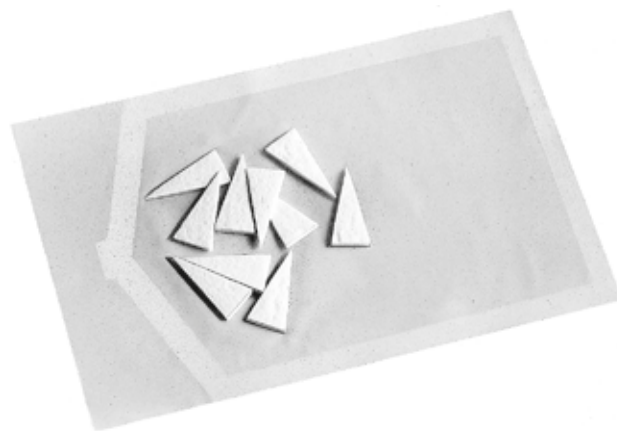
G-32700

SCALPEL HANDLE

G-18127

ABSORBENT SWABS

17 mm long
box of 20 pouches
10 swabs per pouch
sterile



G-33786

MARKING PEN

gentian violet
dual tip, fine and broad
to ink corneal instruments
20 pcs. per box, sterile

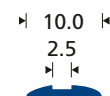


G-34602 276 STYLE SILICONE TIRE, ASYMMETRICAL

7.0 mm wide
 2.5 mm groove
 5 pcs. per box, sterile

**G-34606 280 STYLE SILICONE TIRE, ASYMMETRICAL**

10.0 mm wide
 2.5 mm groove
 5 pcs. per box, sterile

**G-34608 286 STYLE SILICONE TIRE, CONVEX**

6.0 mm wide
 2.5 mm groove
 5 pcs. per box, sterile

**G-34610 287 STYLE SILICONE TIRE, CONVEX**

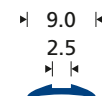
7.0 mm wide
 2.5 mm groove
 5 pcs. per box, sterile

**G-34616 277 STYLE SILICONE TIRE, CONCAVE**

7.0 mm wide
 2.5 mm groove
 5 pcs. per box, sterile

**G-34618 279 STYLE SILICONE TIRE, CONCAVE**

9.0 mm wide
 2.5 mm groove
 5 pcs. per box, sterile

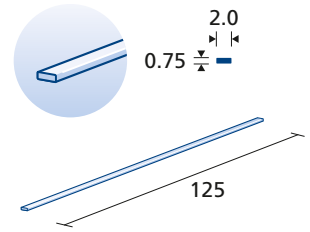


G-34620**40 STYLE SILICONE CIRCLING BAND**

W 2.0 x H 0.75 x L 125 mm
5 pcs. per box, sterile

Suitable sleeves:

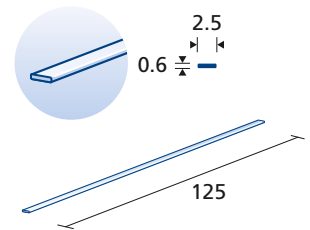
G-34642 (round)
G-34645 (oval)

**G-34622****240 STYLE SILICONE CIRCLING BAND**

W 2.5 x H 0.6 x L 125 mm
5 pcs. per box, sterile

Suitable sleeves:

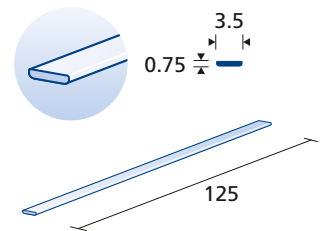
G-34645 (oval)
G-34646 (round)

**G-34624****41 STYLE SILICONE STRIP**

W 3.5 x H 0.75 x L 125 mm
5 pcs. per box, sterile

Suitable sleeves:

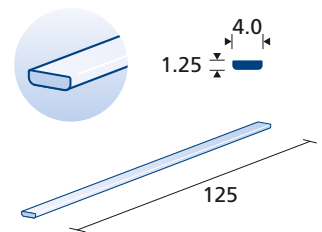
G-34647 (oval) and G-34644 (round)

**G-34626****42 STYLE SILICONE STRIP**

W 4.0 x H 1.25 x L 125 mm
5 pcs. per box, sterile

Suitable sleeves:

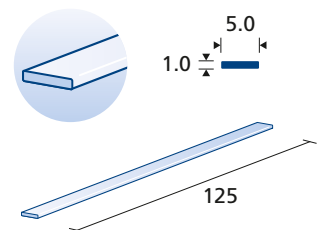
G-34647 (oval) and G-34644 (round)

**G-34628****4050 STYLE SILICONE STRIP**

W 5.0 x H 1.0 x L 125 mm
5 pcs. per box, sterile

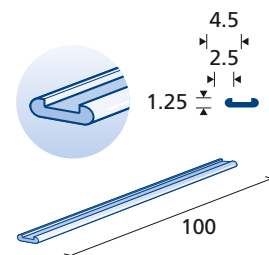
Suitable sleeves:

G-34647 (oval) and G-34644 (round)

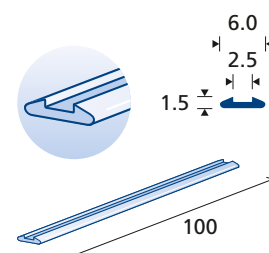


G-34636 219 STYLE GROOVED SILICONE STRIP

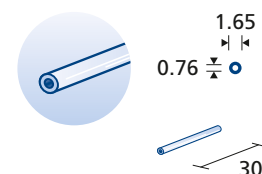
W 4.5 x H 1.25 x L 100 mm
 2.5 mm groove
 5 pcs. per box, sterile

**G-34638 220 STYLE GROOVED SILICONE STRIP**

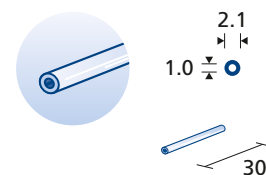
W 6.0 x H 1.5 x L 100 mm
 2.5 mm groove
 5 pcs. per box, sterile

**G-34646 270 STYLE SILICONE SLEEVE**

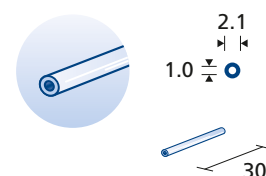
Ø 0.76 mm inside
 Ø 1.65 mm outside
 30 mm long
 5 pcs. per box, sterile

**G-34642 70 STYLE SILICONE SLEEVE**

Ø 1.0 mm inside
 Ø 2.1 mm outside
 30 mm long
 5 pcs. per box, sterile

**G-34644 72 STYLE SILICONE SLEEVE**

Ø 1.5 mm inside
 Ø 2.4 mm outside
 30 mm long
 5 pcs. per box, sterile



G-34645

3083 STYLE OVAL SILICONE SLEEVE

Ø 1.5 mm inside
 Ø 2.5 mm outside
 5 mm long
 5 pcs. per box, sterile



2.5
 1.5

5.0

G-34647

3084 STYLE OVAL SILICONE SLEEVE

Ø 1.5 mm inside
 Ø 3.75 mm outside
 5 mm long
 5 pcs. per box, sterile



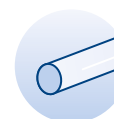
3.75
 1.5

5.0

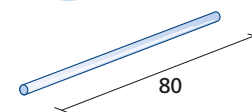
G-34656

503 STYLE ROUND SILICONE SPONGE IMPLANT

ø: 3.0 mm
 80 mm long
 5 pcs. per box, sterile



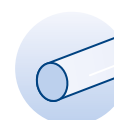
3.0



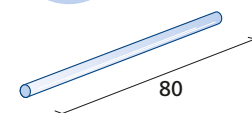
G-34658

504 STYLE ROUND SILICONE SPONGE IMPLANT

ø: 4.0 mm
 80 mm long
 5 pcs. per box, sterile



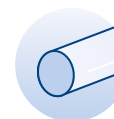
4.0



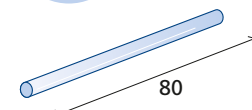
G-34660

505 STYLE ROUND SILICONE SPONGE IMPLANT

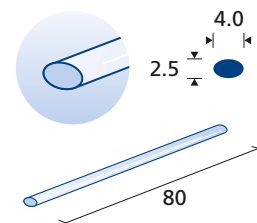
ø: 5.0 mm
 80 mm long
 5 pcs. per box, sterile



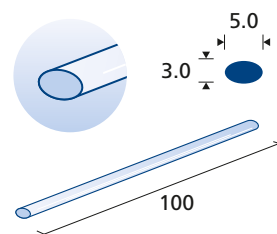
5.0



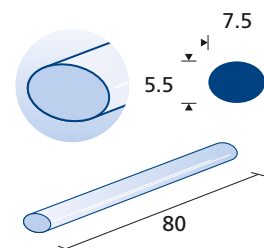
G-34664 **501 STYLE OVAL SILICONE SPONGE IMPLANT**
 W 4.0 x H 2.5 x L 80 mm
 5 pcs. per box, sterile



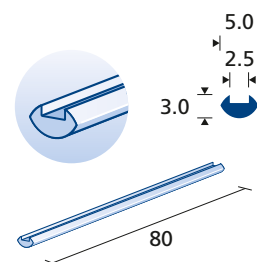
G-34666 **506 STYLE OVAL SILICONE SPONGE IMPLANT**
 W 5.0 x H 3.0 x L 100 mm
 5 pcs. per box, sterile



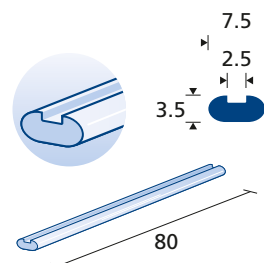
G-34668 **507 STYLE OVAL SILICONE SPONGE IMPLANT**
 W 7.5 x H 5.5 x L 80 mm
 5 pcs. per box, sterile



G-34672 **506G STYLE GROOVED SILICONE SPONGE IMPLANT**
 2.5 mm groove
 W 5.0 x H 3.0 x L 80 mm
 5 pcs. per box, sterile

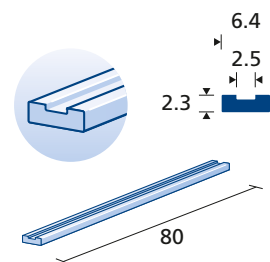


G-34678 **509G STYLE GROOVED SILICONE SPONGE IMPLANT**
 2.5 mm groove
 W 7.5 x H 3.5 x L 80 mm
 5 pcs. per box, sterile

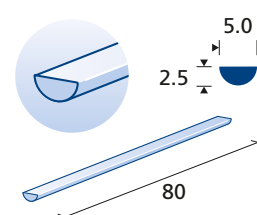


G-34680 516G STYLE GROOVED SILICONE SPONGE IMPLANT

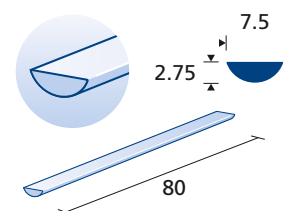
2.5 mm groove
 W 6.4 x H 2.3 x L 80 mm
 5 pcs. per box, sterile

**G-34684 510 STYLE SEMI-CIRCULAR SILICONE SPONGE IMPLANT**

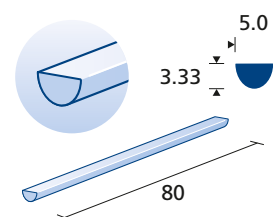
W 5.0 x H 2.5 x L 80 mm
 5 pcs. per box, sterile

**G-34686 511 STYLE SEMI-OVAL SILICONE SPONGE IMPLANT**

W 7.5 x H 2.75 x L 80 mm
 5 pcs. per box, sterile

**G-34688 515 STYLE SEMI-OVAL SILICONE SPONGE IMPLANT**

W 5.0 x H 3.33 x L 80 mm
 5 pcs. per box, sterile



G-34710**BONN INJECTION SET**

single-use set for intravitreal injection (IVOM)
consisting of:

- measuring and fixation instrument, 3.5 / 4.0 mm
 - eye speculum
 - irrigation cannula
 - cannula 0.9 x 70 mm
 - syringe 1 ml
 - syringe 10 ml
 - eye drape with pre-cut adhesive incise-film 140 x 140 cm
 - absorbent swab (3x)
 - gauze compress 10 x 10 (2x)
 - protective cover 60 x 60 cm
- 10 pcs. per box, sterile



MISCELLANEOUS



CAPSULAR TENSION RING INJECTORS / PUPIL DILATORS.....	247
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**G-32955****INJECTOR**

for capsular tension ring
shaft diameter 1.2 mm
for 1.9 mm incisions
shaft length 30 mm
overall length 156 mm

**G-32960****INJECTOR**

for *MORCHER* capsular tension ring
shaft diameter 1.2 mm
for 1.9 mm incisions
shaft length 30 mm
overall length 156 mm

**G-32965****INJECTOR**

for *MORCHER* capsular ring
shaft diameter 1.6 mm
for 2.4 - 2.5 mm incisions
shaft length 30 mm
overall length 156 mm

**G-32970****INJECTOR**

for *MORCHER* pupil dilator
overall length 140 mm



G-31810 *FRIEDMANN*
RONGEUR
overall length 140 mm



scale 2:3

G-32355 **NASAL SPECULUM**
overall length 150 mm



scale 2:3

G-33125 *MEAD*
HAMMER
300 g, lead filled
overall length 190 mm



scale 2:3

G-18630 *HEIDELBERG MODEL*
ELEVATORIUM
overall length 143 mm



G-18620 *HEIDELBERG MODEL*
RASPATORY
overall length 155 mm





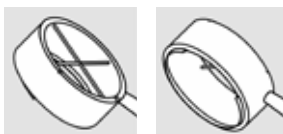
G-18240 *WEST*
BONE CHISEL
for lacrimal sac
flat, 5.0 mm wide
overall length 160 mm



G-18245 *WEST*
BONE GOUGE
for lacrimal sac
concave, 5.0 mm wide
overall length 162 mm



G-33650 **LASEK TREPHINE**
with crosshairs
overall length 100 mm
8.0 mm
G-33652 9.0 mm



G-33655 *LOHMANN*
LASEK FUNNEL
with crosshairs
overall length 100 mm
8.5 mm
G-33657 9.5 mm



G-32313 *WRIGHT*
FASCIA NEEDLE
overall length 115 mm





G-18300	DIAMOND BURR top, inside, outside coat 8.0 mm
G-18301	9.0 mm
G-18302	10.0 mm

G-36000	<i>KILP</i> LENS 60 D flat, field of vision 20°, silicone ring central posterior pole and central vitreous body
----------------	---



G-36010	<i>LANDERS</i> LENS 93 D, biconcave with silicone ring clear view of fundus in air-filled phakic eye
----------------	--



G-36015	<i>MACHEMER</i> LENS with silicone ring to magnify structures in vitreous cavity or on retinal surface
----------------	--



G-36020	<i>PEYMAN</i> LENS wide field of vision 30°, with silicone ring for central fundus and central vitreous body
----------------	--



G-36025	<i>TOLENTINO</i> LENS prism 20° with silicone ring posterior peripheral fundus and posterior peripheral vitreous body
----------------	--



G-36030	<i>TOLENTINO</i> LENS prism 30° with silicone ring peripheral viewing beyond the equator
----------------	--



G-36045	SILICONE REPLACEMENT RING for <i>KILP</i> lens G-36000
----------------	--



- G-36050** **SILICONE REPLACEMENT RING**
for lenses from G-36010 to G-36035



- G-36065** **LENS HANDLE RING**
for lenses without silicone ring
to suture on to sclera
for G-36000



- G-31105** **EYESHIELD**
plastic, transparent for use on both eyes
100 pcs. per bag



- G-19826** **SINGLE USE LOW TEMPERATURE BATTERY CAUTERY**
fine tip, 427 °C - 482 °C
10 pcs. per box, sterile



- G-19827** **SINGLE USE HIGH TEMPERATURE BATTERY CAUTERY**
fine tip, 704 °C - 1500 °C
10 pcs. per box, sterile



- G-31900** **KUHN**
INTRAOCULAR MAGNET
30 mm shaft, 1.9 mm outside diameter
4 mm magnetic tip
overall length 90 mm



G-31215 **BIPOLAR FORCEPS**
straight, 100 mm
(sterilizable in autoclave only)



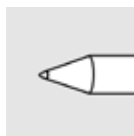
G-31216 **BIPOLAR FORCEPS**
angled, 100 mm
(sterilizable in autoclave only)



G-31218 **BIPOLAR HANDPIECE**
diameter 1.1 mm
G-31219 diameter 0.9 mm



G-25030 **INTRAOCULAR**
DIATHERMY PROBE
20 gauge / 0.9 mm
G-25032 23 gauge / 0.64 mm
G-25034 25 gauge / 0.5 mm



G-28220 **DIATHERMY**
CONNECTION CABLE



STERILIZATION CONTAINERS AND ADAPTERS



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G-39745**MICROSTOP®****STERILIZATION CONTAINER LOW**

for one tray

outside dimensions: 310 x 189 x 70 mm

inside dimensions: 283 x 177 x 50 mm

**G-39750****MICROSTOP®****STERILIZATION CONTAINER HIGH**

for two trays

outside dimensions: 310 x 189 x 90 mm

inside dimensions: 283 x 177 x 70 mm

**MICROSTOP®****STERILIZATION TRAY MINI**

29 mm, low

size: 277 x 172 x 29 mm

without lid

G-39783**G-39786**

with lid

**MICROSTOP®****STERILIZATION TRAY MINI**

38 mm, high

size: 277 x 172 x 38 mm

without lid

G-39785**G-39784**

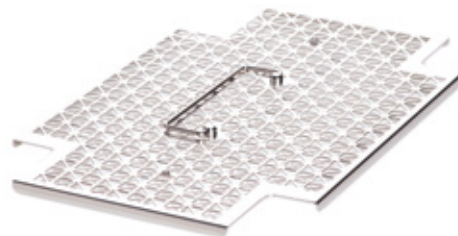
with lid



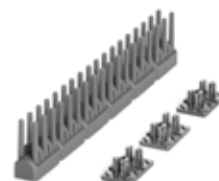
MICROSTOP®

18

G-39787 **MICROSTOP®**
STERILIZATION TRAY LID MINI
 size: 277 x 172 mm
 for G-39783 and G-39785



G-39782 **MICROSTOP®**
RETAINER ELEMENT
 for MICROSTOP® tray mini
 nap Style, 120 mm
 separable into 6 single elements
G-39789 29 mm, low
 38 mm, high



G-39788 **MICROSTOP®**
CLIP FOR RETAINER ELEMENTS
 G-39782 and G-39789
 10 pcs. per bag



G-39791 **MICROSTOP®**
ID LABEL
 for tray, aluminium
 customized labeling
 silver-colored



G-39741 **MICROSTOP®**
LABEL
 for lid, customized labeling



G-39746 **MICROSTOP®**
ID LABEL
 for front, customized labeling

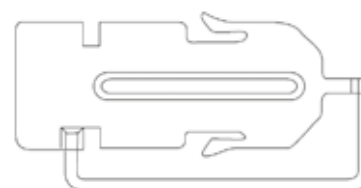


**MICROSTOP®
 LOGISTIC FRAME**
 for lid to use with labels

- G-39753** color: red
G-39754 color: blue
G-39755 color: green



- G-39762** **MICROSTOP®
 SEAL**
 with indicator
 1000 pcs. per box



- G-39764** **MICROSTOP®
 TAG**
 with indicator
 1000 pcs. per box



- G-31649** **INDICATOR**
 for steam sterilization, slim
 1000 pcs. per box


PERMANENT TEXTILE FILTER

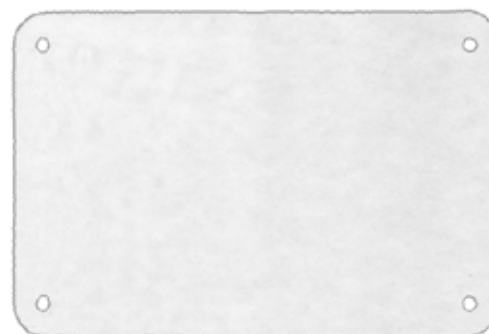
for steam sterilization cases
 for G-19822, G-19823
 for G-19841, G-19842, G-19843, G-19876, G-28150, G-28151
 6 perforations, for G-19877, G-19892, G-19894
 for G-19877
 for G-19890

- G-31650**
G-31651
G-31652
G-31656
G-31661


PAPER FILTER

for steam sterilization cases
 G-19841, G-19842, G-19843,
 G-19851, G-19856, G-19876,
 G-28150, G-28151
 100 pcs. per box

- G-31655**



G-32675

SILICONE TRAY

with bottom
outside dimensions: 160 x 85 x 20 mm



G-32660

STERILIZATION RACK

for 12 cannulas, silicone
outside dimensions: 85 x 56 x 8 mm



G-19870

STERILIZATION RACK

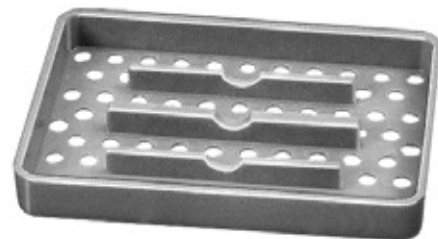
for 10 instruments with handle, silicone
outside dimensions: 160 x 85 x 20 mm



G-32785

SILICONE PERFORATED TRAY

outside dimensions: 194 x 135 x 24 mm



G-32676 **SILICONE NAP STRIP BLUE**
 340 x 30 mm



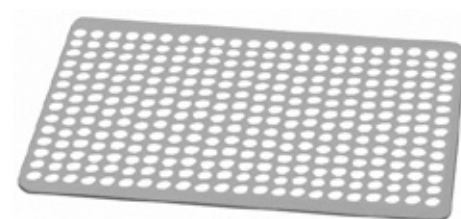
G-32677 **SILICONE STRIP BLUE**
 350 mm long



G-19866 **SILICONE BURL MAT**
 perforated
 240 x 230 mm
G-19865 300 x 150 mm
G-19867 470 x 245 mm



G-19899 **SILICONE PLATE**
 perforated, 270 x 185 mm
 for hot air sterilization cases
 G-19841, G-19842,
 G-19846, G-19847



G-31657 **SAFETY SEAL**
 for steam sterilization cases
 100 pcs. per box



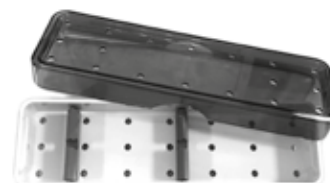
G-31659 **SEAL**
 for hot-air sterilization cases
 100 pcs. per box



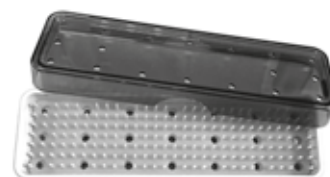
G-32695 **SILICONE CLOSURE**
17 cm long



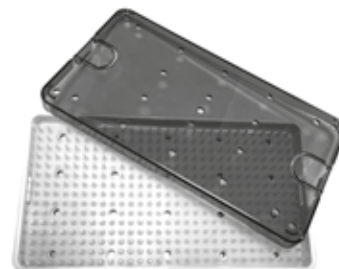
G-33100 **STERILIZATION CASE**
for 1 vitreoretinal instrument or diamond knife
plastic, with 2 bridges (steam sterilization)
outside dimensions: 195 x 60 x 25 mm



G-33101 **STERILIZATION CASE**
for 1 vitreoretinal instrument
plastic, with burl mat (steam sterilization)
outside dimensions: 195 x 60 x 25 mm



G-33102 **STERILIZATION CASE**
for 4-5 instruments
plastic, with burl mat (steam sterilization)
outside dimensions: 200 x 110 x 28 mm



G-39527

STERISAFE[®] DURO A4 PLUS

container for steam, gas (EO, FO) and plasma sterilization, without trays and strips
outside dimensions: 290 x 190 x 70 mm
inside dimensions: 265 x 165 x 60 mm



G-39526

STERISAFE[®] DURO A4 PLUS COMPLETE SET

container for steam, gas (EO, FO) and plasma sterilization, including:
1 x Sterisafe[®] wire basket A4-30
5 x Sterisafe[®] silicone retainer strips 230 mm
1 x Sterisafe[®] metal tray A4-30
outside dimensions: 290 x 190 x 70 mm
inside dimensions: 265 x 165 x 60 mm

G-39525

STERISAFE[®] DURO A4

container for steam, gas (EO, FO) and plasma sterilization
outside dimensions: 290 x 190 x 60 mm
inside dimensions: 265 x 165 x 49 mm



G-39528

STERISAFE[®] DURO A6

container for steam, gas (EO, FO) and plasma sterilization
outside dimensions: 190 x 110 x 60 mm
inside dimensions: 165 x 92 x 49 mm



G-39543

STERISAFE[®] DURO WIRE BASKET A4-30

outside dimensions: 260 x 163 x 30 mm
inside dimensions: 249 x 157 x 23 mm

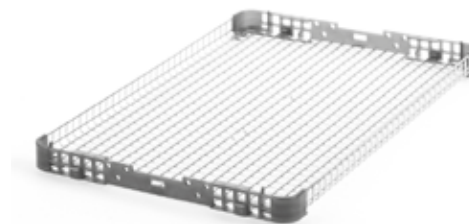


G-39541

STERISAFE® DURO METAL TRAY A4-15

outside dimensions: 260 x 163 x 15 mm

inside dimensions: 249 x 157 x 11 mm

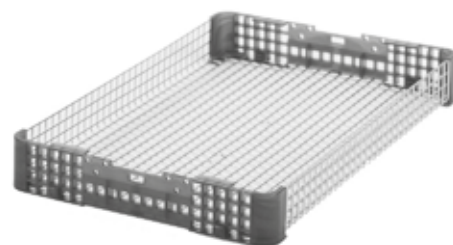


G-39542

STERISAFE® DURO METAL TRAY A4-30

outside dimensions: 260 x 163 x 30 mm

inside dimensions: 249 x 157 x 26 mm



G-39549

STERISAFE® DURO WIRE BASKET A6-30

outside dimensions: 162 x 90 x 30 mm

inside dimensions: 156 x 80 x 23 mm



G-39548

STERISAFE® DURO METAL TRAY A6-15

outside dimensions: 162 x 90 x 15 mm

inside dimensions: 156 x 80 x 11 mm



G-39545

STERISAFE® SILICONE RETAINER STRIP 75

for Sterisafe® DURO A4 and A6

length: 75 mm



G-39546 **STERISAFE® SILICONE RETAINER STRIP 145**
for Sterisafe® DURO A4 and A6
length: 145 mm



G-39547 **STERISAFE® SILICONE RETAINER STRIP 230**
for Sterisafe® DURO A4 and A6
length: 230 mm



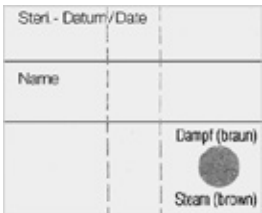
G-39501 **STERISAFE® FILTER**
A4 10 pcs. per box
G-39511 A6 10 pcs. per box



G-39530 **STERISAFE® FILTER TAG EXPIRATION DATE**
10 pcs. per box



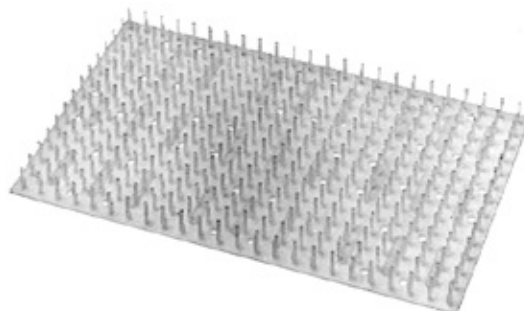
G-39535 **SEAL / LABEL**
seal with color indicator and blank label
2000 pcs. per box



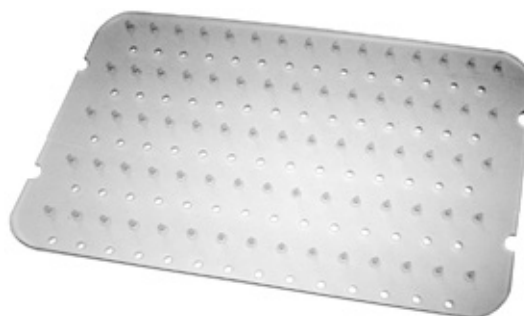
G-39540 **SECURITY SEAL**
100 pcs. per box



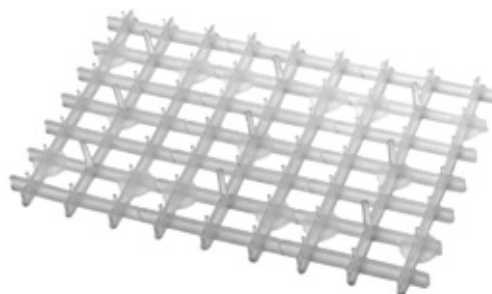
G-39502 **STERISAFE® SILICONE BURL MAT**
A4
G-39512 A6



G-39506 **STERISAFE® SILICONE BURL MAT**
for metal grid insert
A4



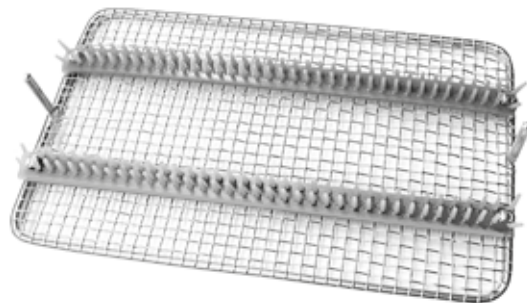
G-39503 **STERISAFE® SILICONE GRID INSERT**
A4
G-39513 A6

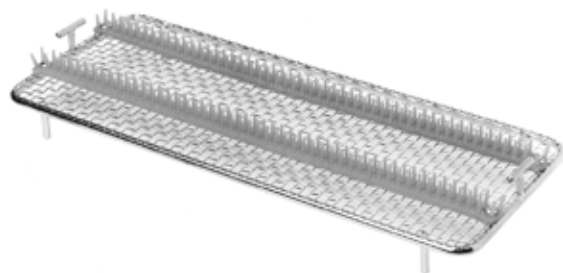


G-39514 **STERISAFE® METAL GRID INSERT**
A6



G-39505 STERISAFE® METAL GRID INSERT

 with 2 silicone burl strips
 A4

G-31670 MELAG METAL GRID INSERT

 with 2 silicone nap strips
 outside dimensions: 370 x 147 x 50 mm
 for MELAG sterilizing case

G-39544 RINSING ADAPTER FOR WIRE BASKETS

 including 4 silicone tubings
 - 2 male Luer adapters
 - 2 female Luer-Lock adapters
 and 2 screws

G-39557 SILICONE TUBINGS FOR G-39544

 Set of 4 pcs.
 - 2 male Luer adapters
 - 2 female Luer-Lock adapters
 10 sets per box


G-31028 **CLEANING ADAPTER**
for ultrasonic handpieces (irrigation connector)
Luer female / male



G-31029 **CLEANING ADAPTER**
for ultrasonic handpieces (aspiration connector)
Luer female / female



G-31021 **CLEANING ADAPTER**
for ultrasonic tips



G-31013 **CLEANING ADAPTER**
for *HATTENBACH* 25 gauge hybrid instruments
(G-32944, G-32947 and G-32948)

G-22636 **ADAPTER**
for *PAPST* I/A handpiece
light model



G-31025 **CLEANING ADAPTER**
metal
for cleaning I/A handpieces
Luer-Lock female / female



G-31026 **CLEANING ADAPTER**
plastic
for cleaning I/A handpieces
Luer-Lock female / female



G-31016 **CLEANING ADAPTER**
 for diamond knives, small



G-31017 **CLEANING ADAPTER**
 for diamond knives, large



G-31022 **CLEANING ADAPTER**
 for G-37010 - G-37080



G-31031 **CLEANING ADAPTER**
 for aspiration handpiece G-37100 and G-37105
 Luer-Lock female / silicone tube
 2.1 x 1.0 mm



G-31018 **CLEANING ADAPTER**
 for PFCL cannula G-33055
 Luer-Lock female / silicone tube



G-31024 **CLEANING ADAPTER**
 for eye specula with aspiration



G-31023 **CLEANING ADAPTER**
 for lacrimal cannulas with handle
 and lateral aspiration port 0.40 mm
 G-33141 and G-33142



G-31027 **CLEANING ADAPTER**
 for *JUENEMANN* probes





G-31034 **CLEANING ADAPTER**
for foreign body instruments G-14530, G-14540, G-14550
Luer-Lock female

G-31014 **CLEANING ADAPTER**
for cannulas G-33057 and G-33059
Luer-Lock female



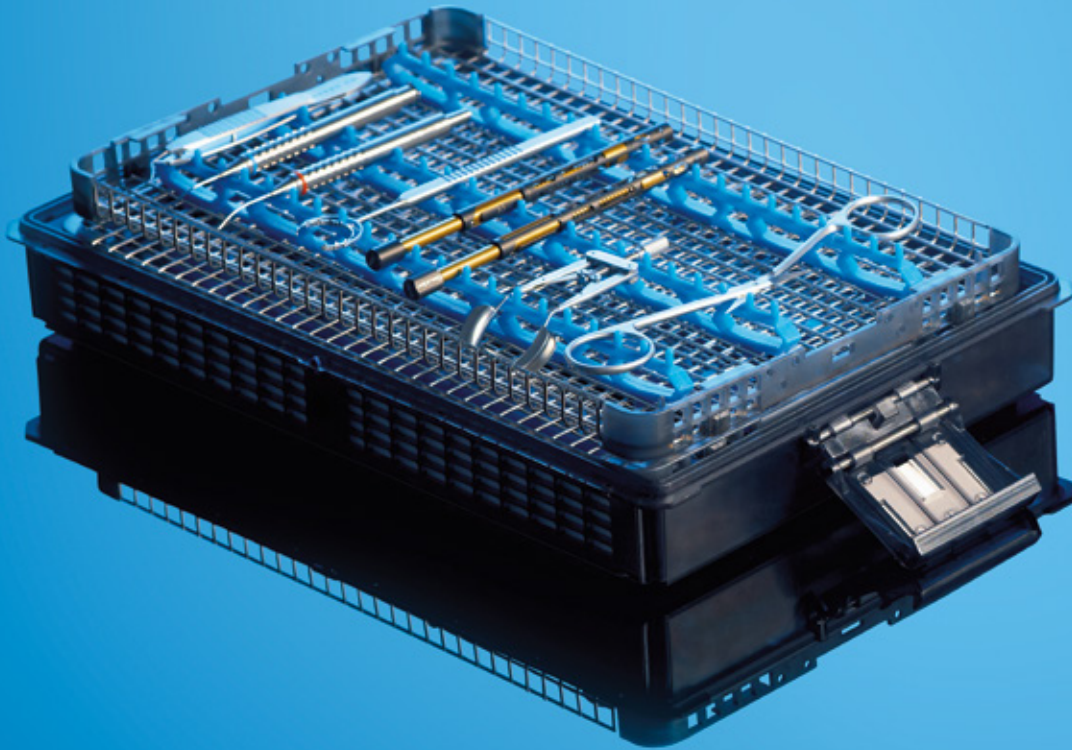
G-36604 **CLEANING ADAPTER**
for rotatable and interchangeable tips



PLEASE READ YOUR INSTRUMENT'S
CLEANING INSTRUCTIONS OR ASK
YOUR LOCAL SALES REPRESENTATIVE
FOR THE RIGHT CLEANING ADAPTER.

19

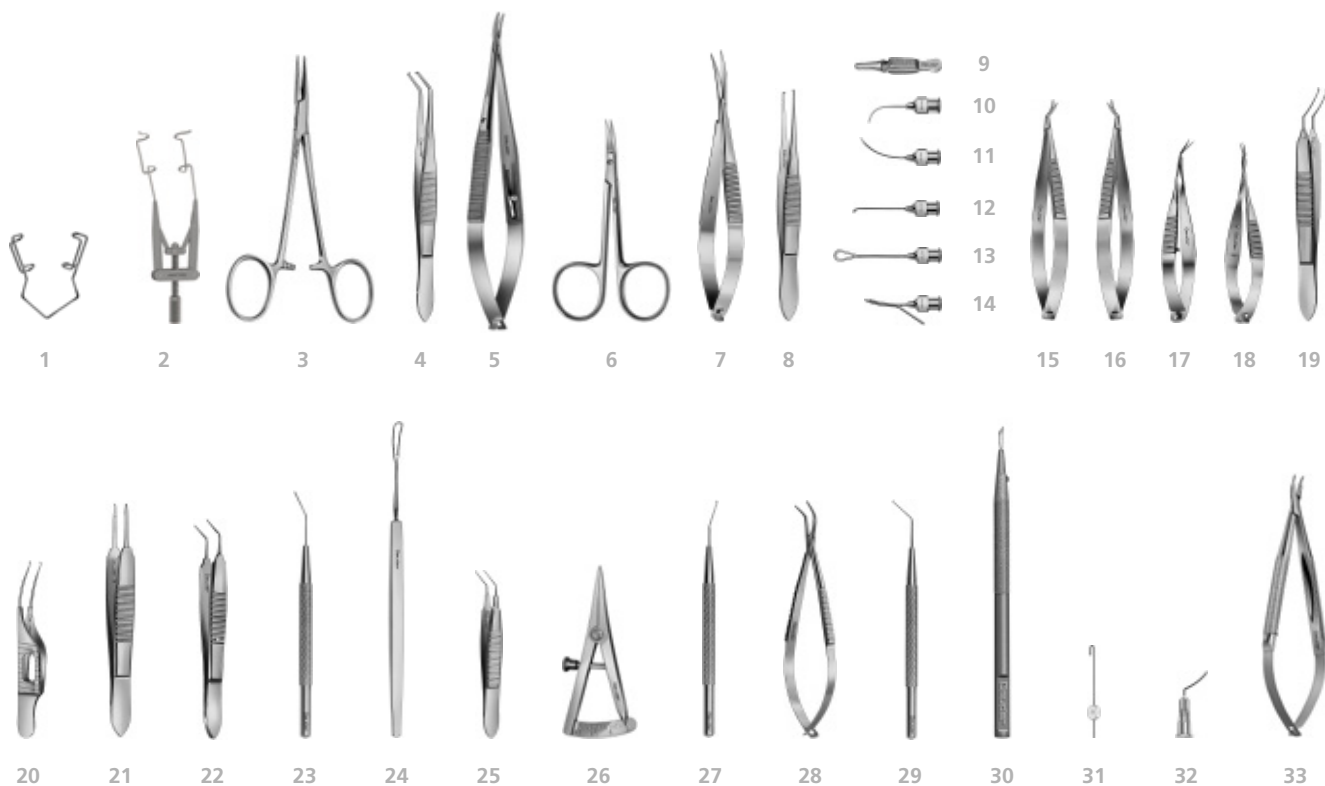
SETS



CONTENT SETS

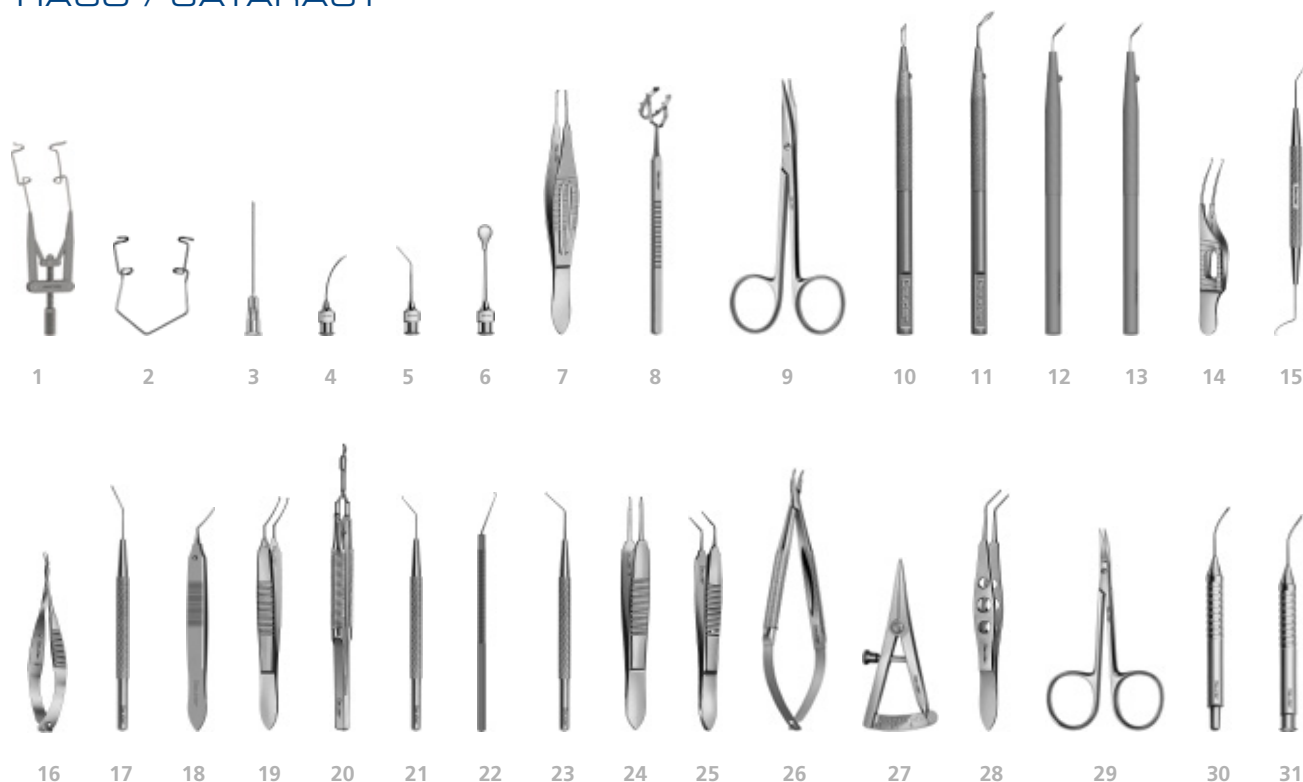
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ECCE - EXTRA CAPSULAR CATARACT EXTRACTION



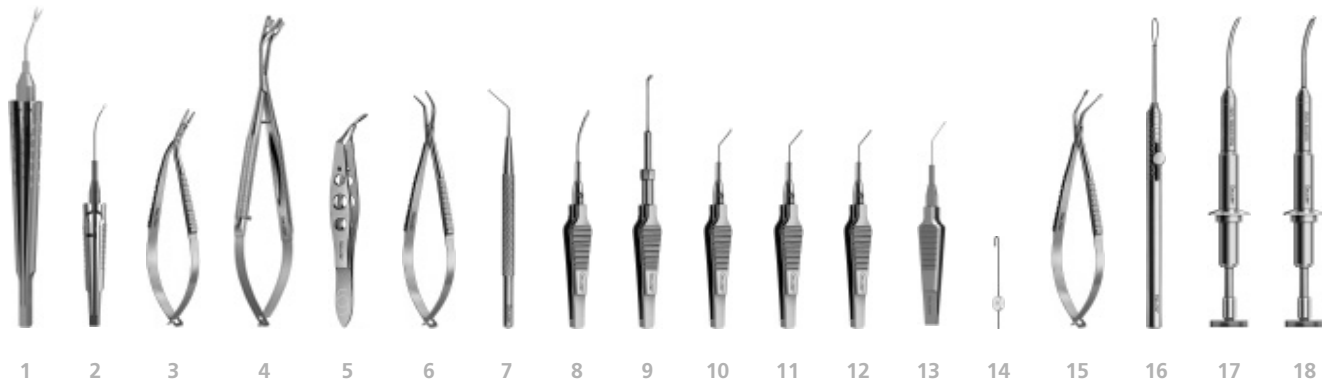
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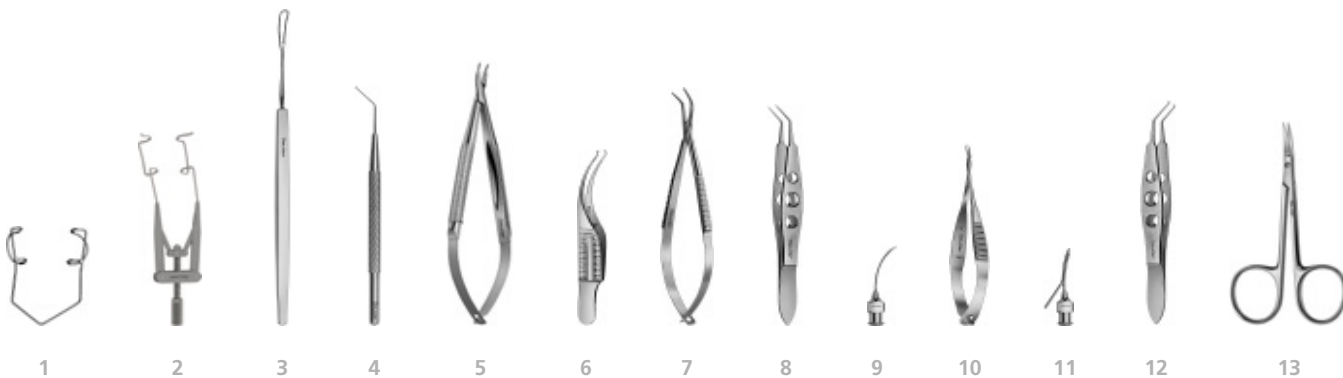
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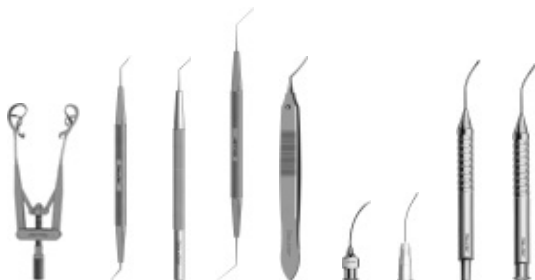
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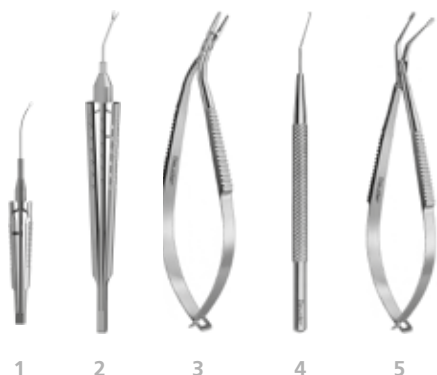
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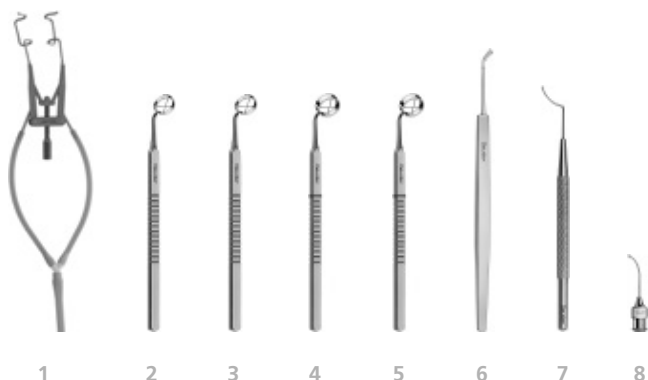
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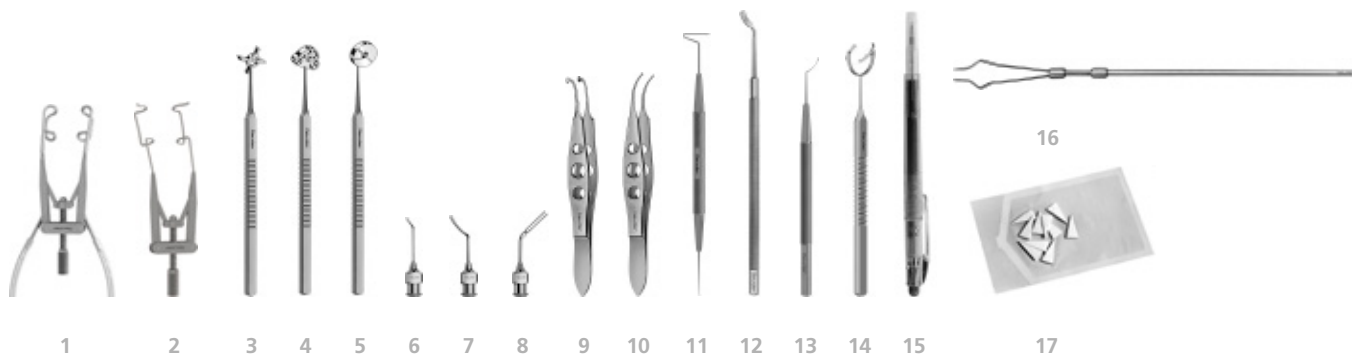
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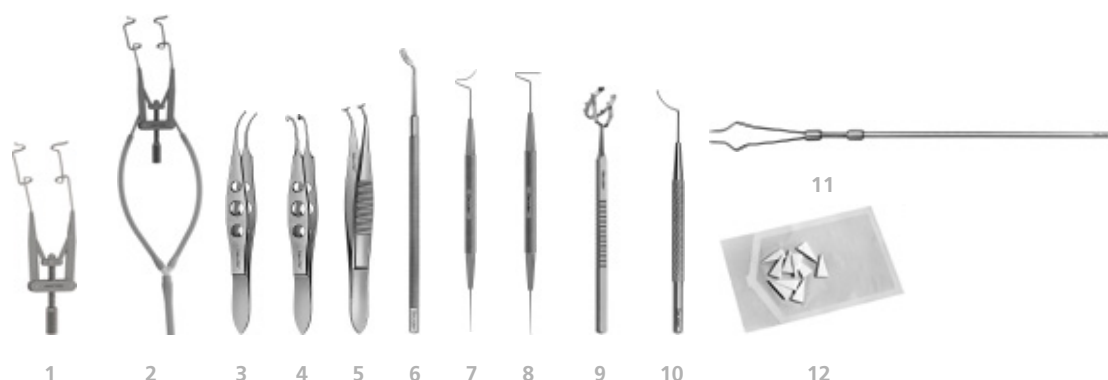
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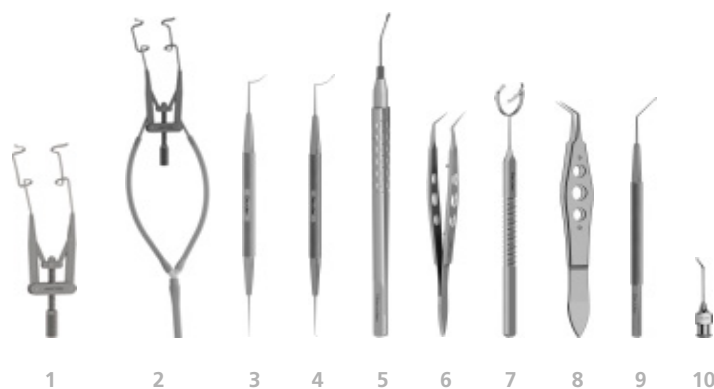
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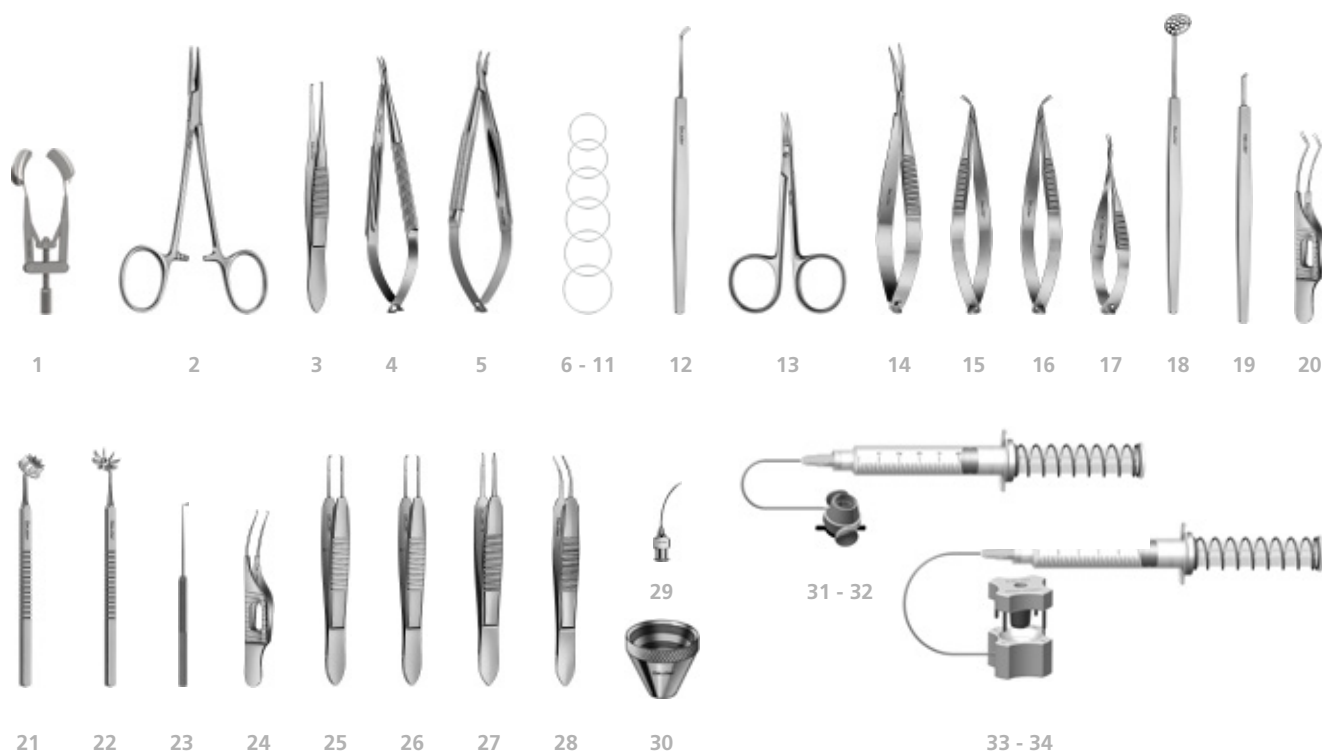
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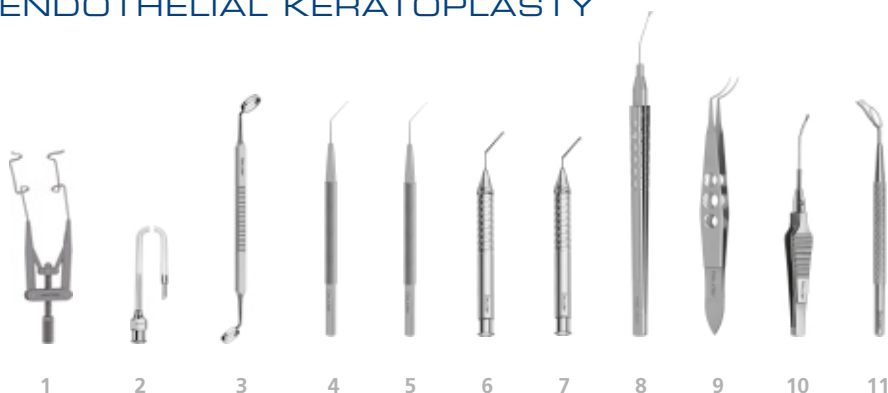
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KERATOPLASTY



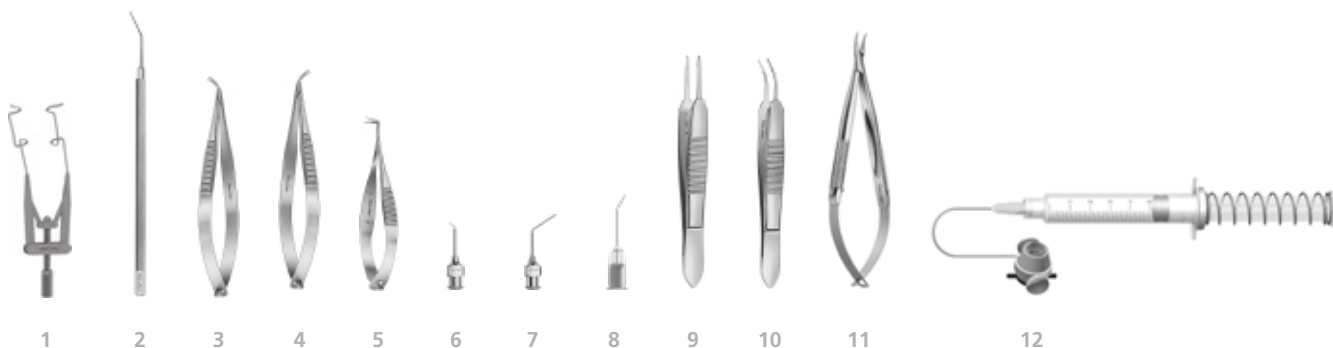
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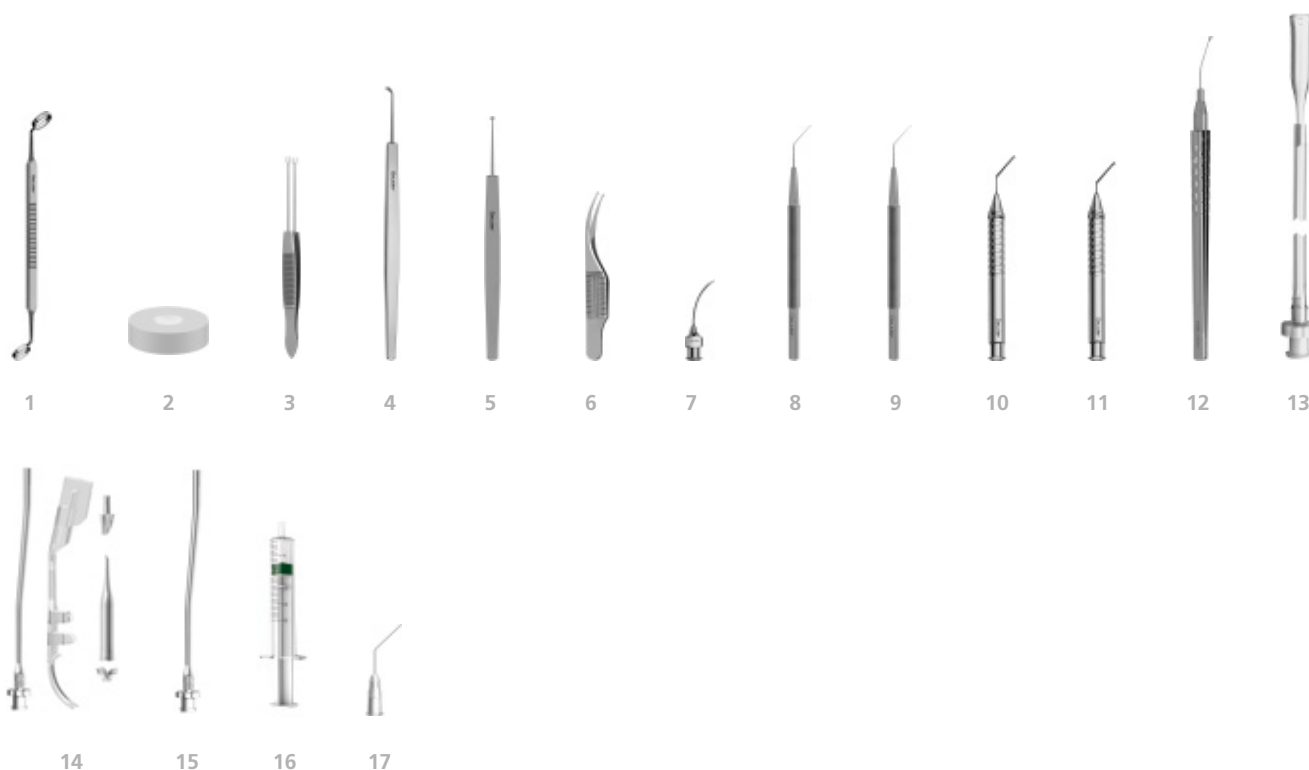
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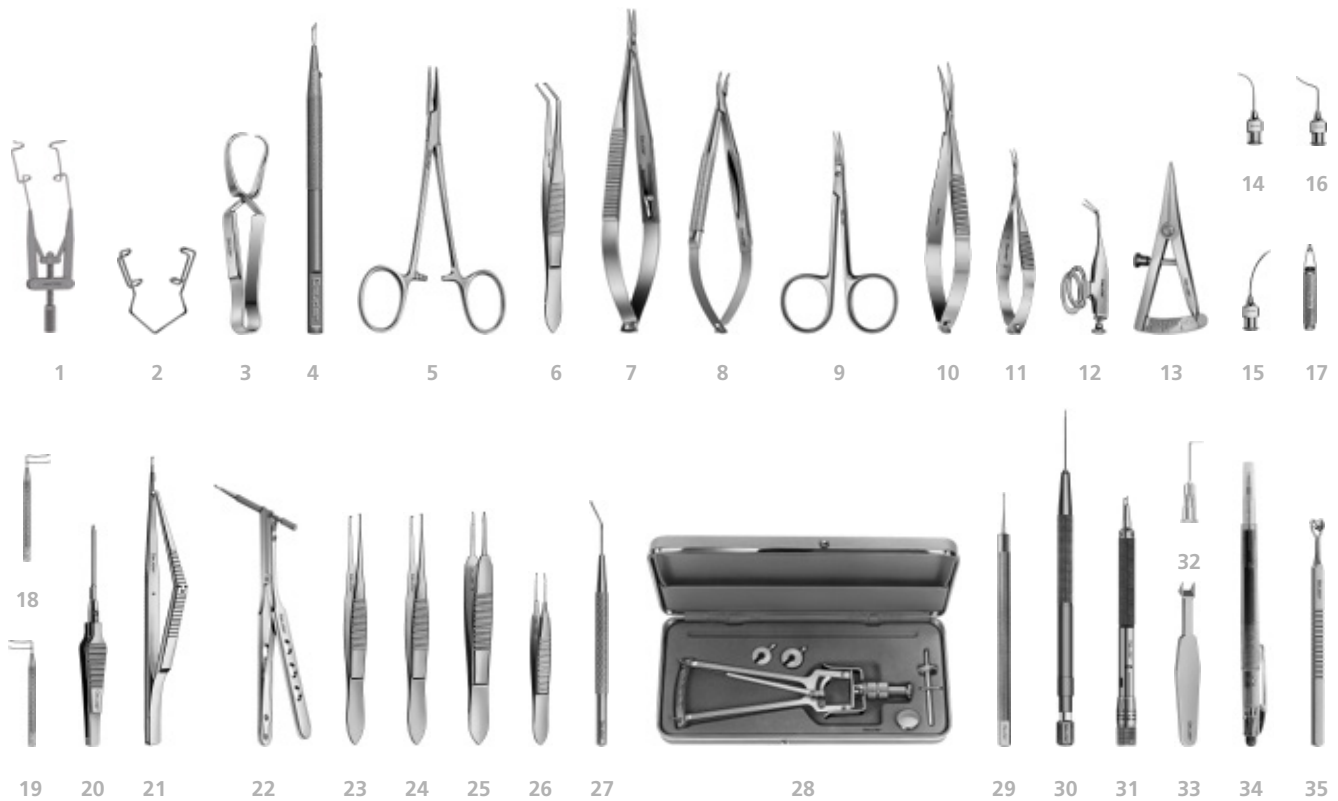
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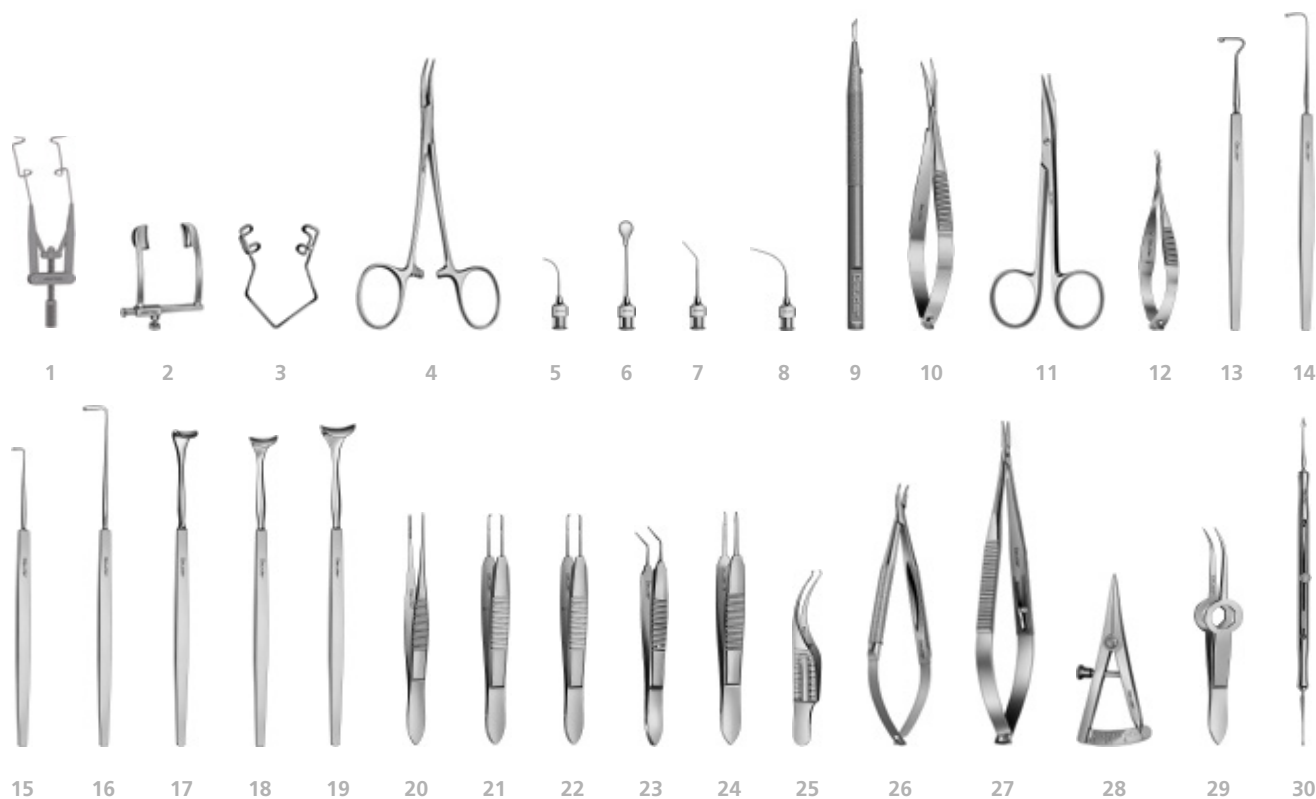
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GLAUCOMA



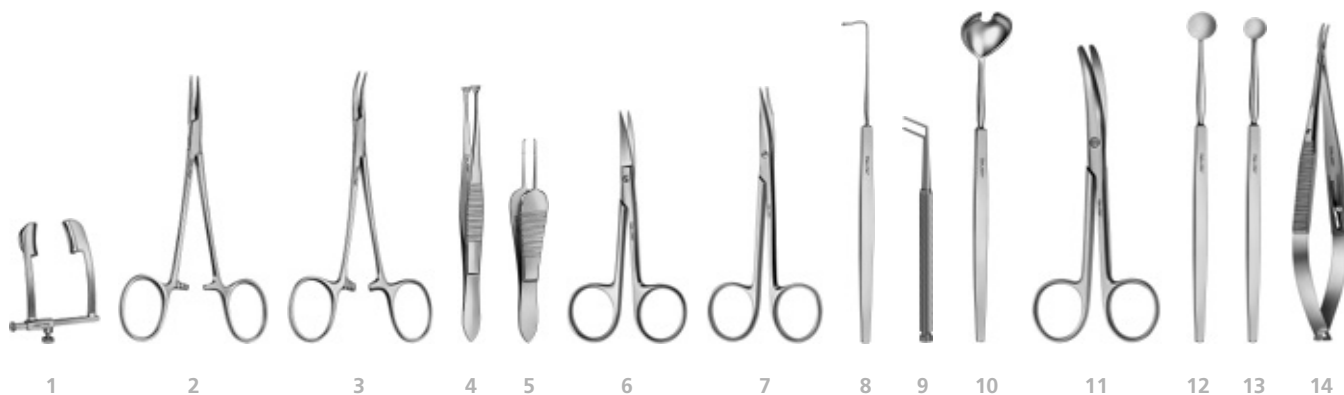
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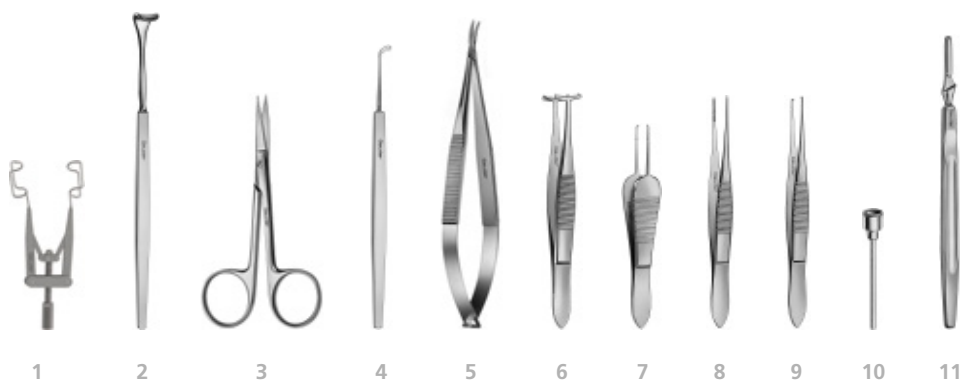
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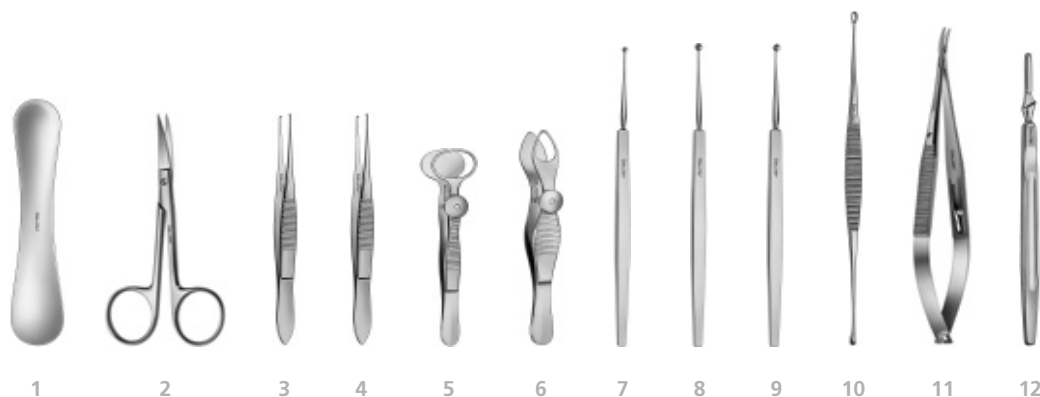
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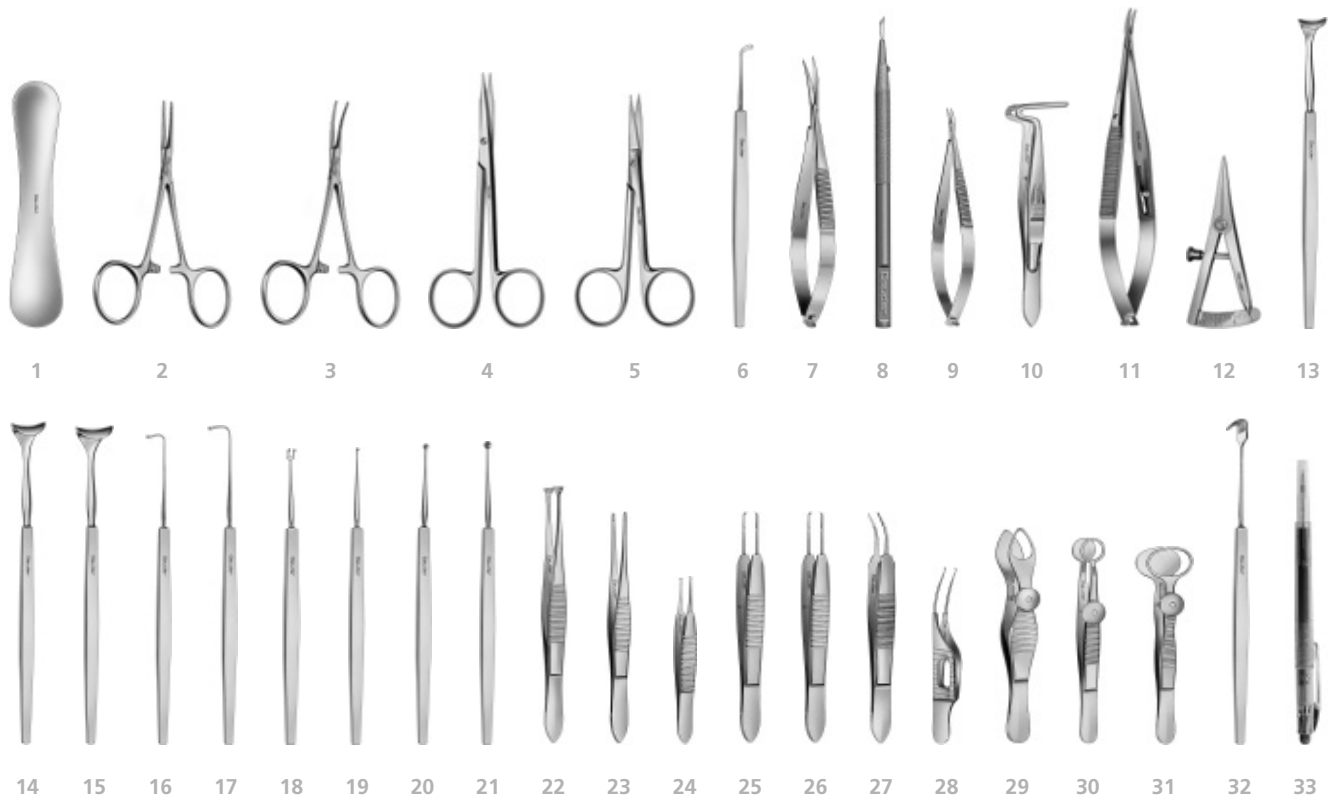
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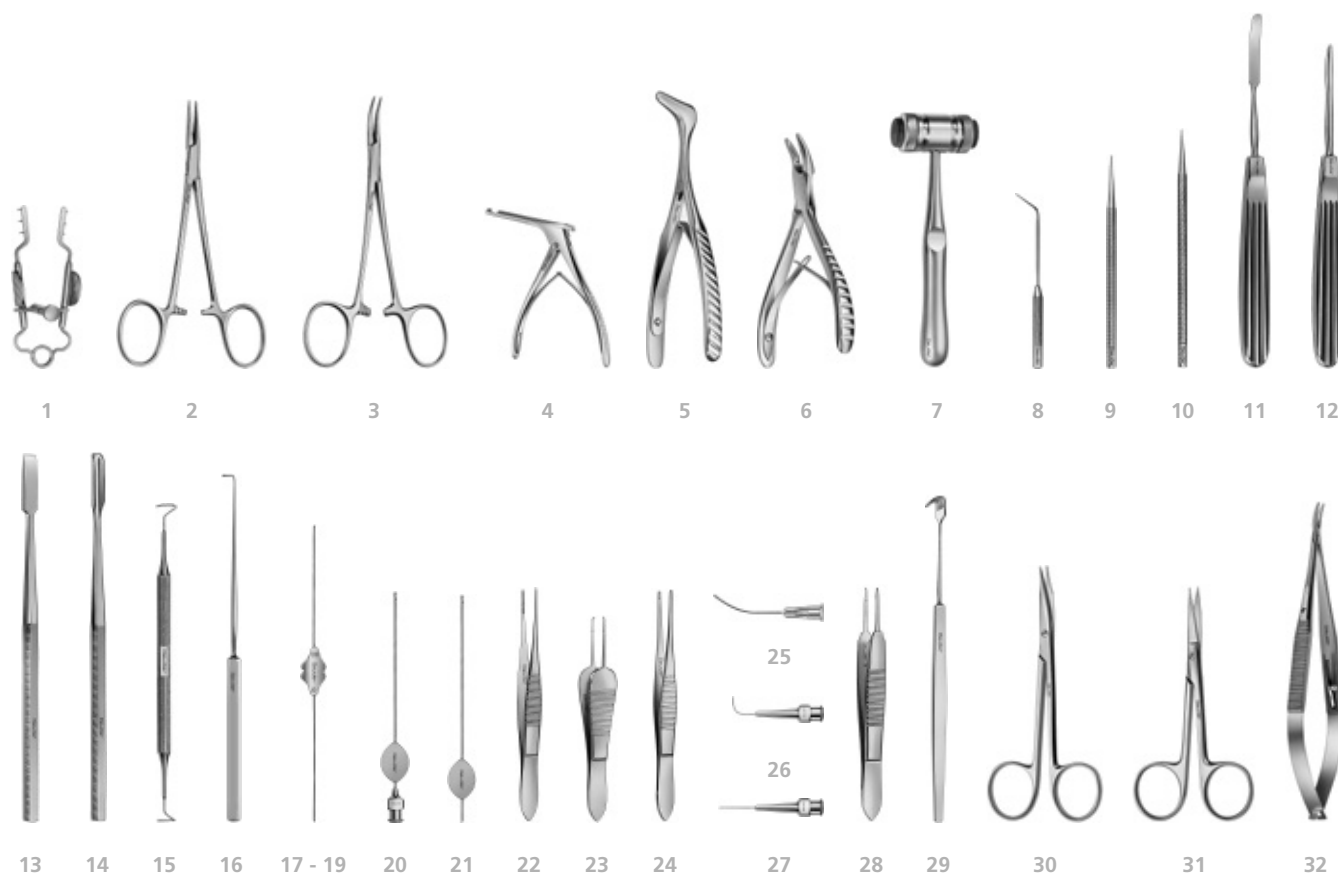
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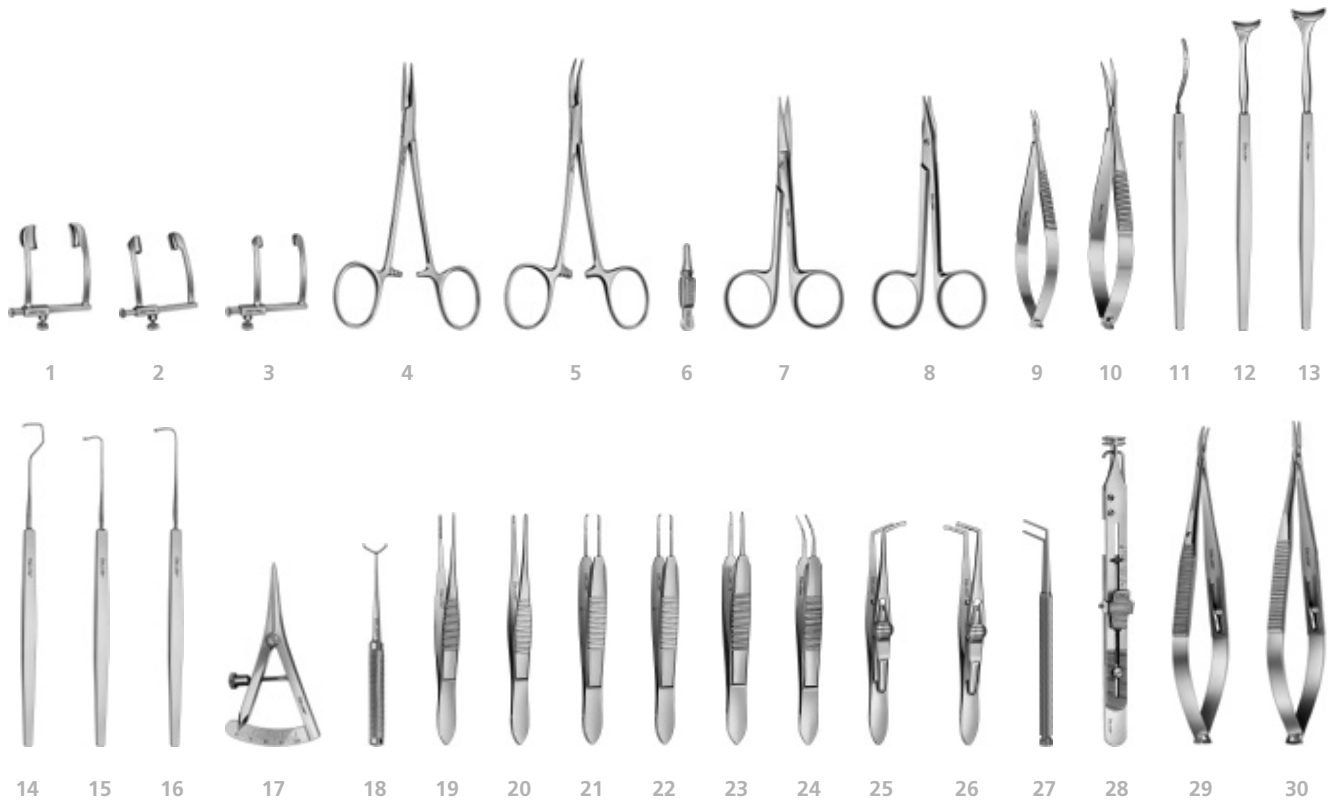
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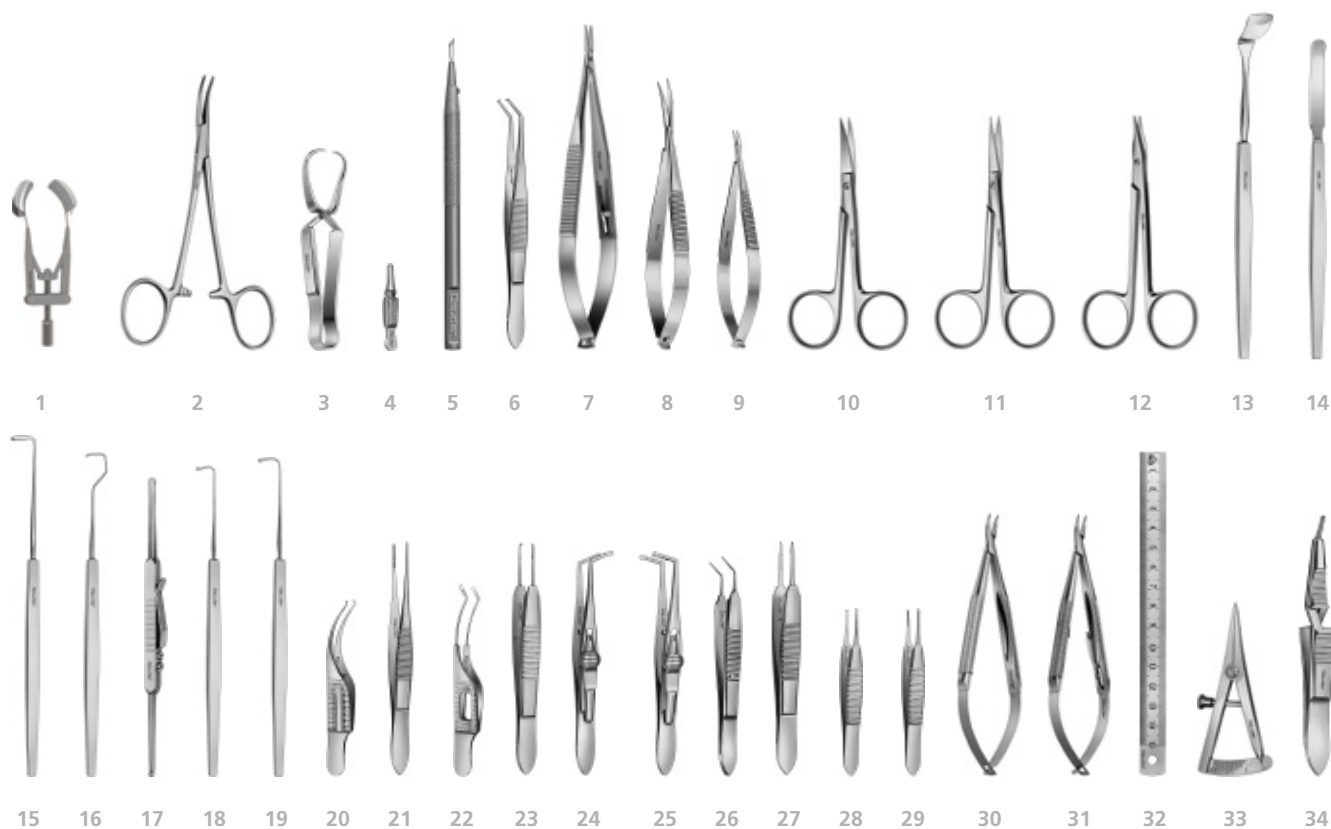
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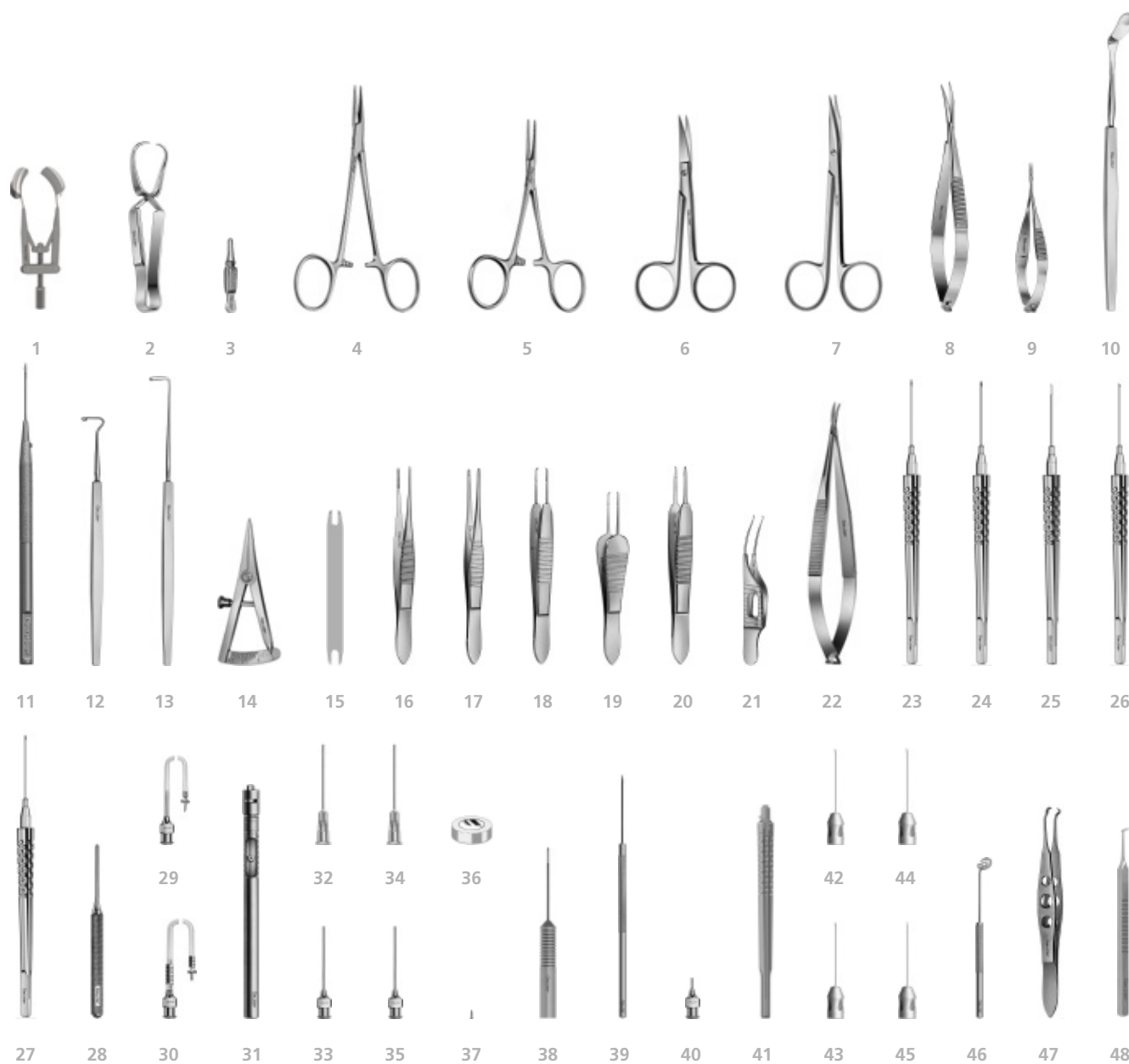
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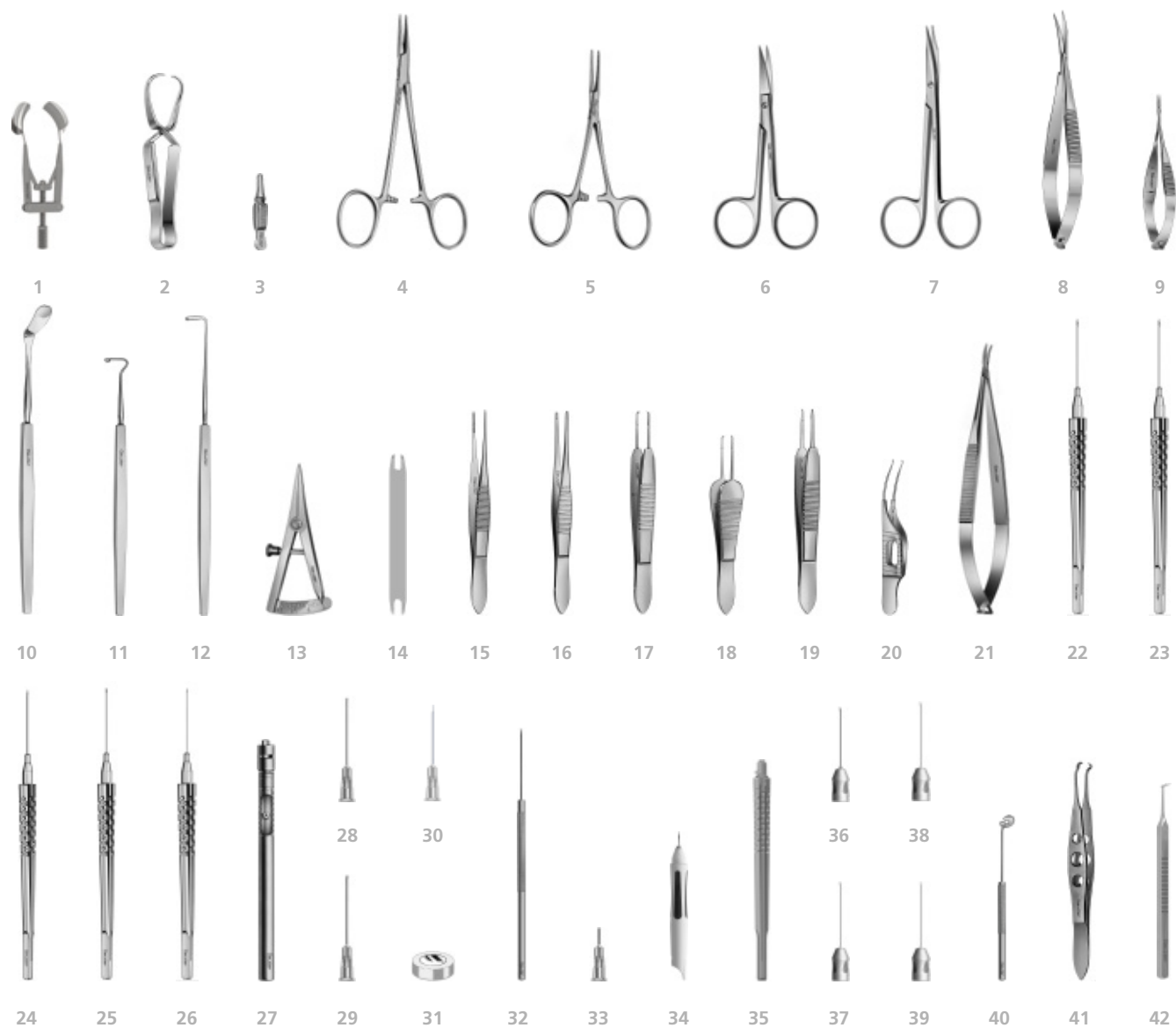
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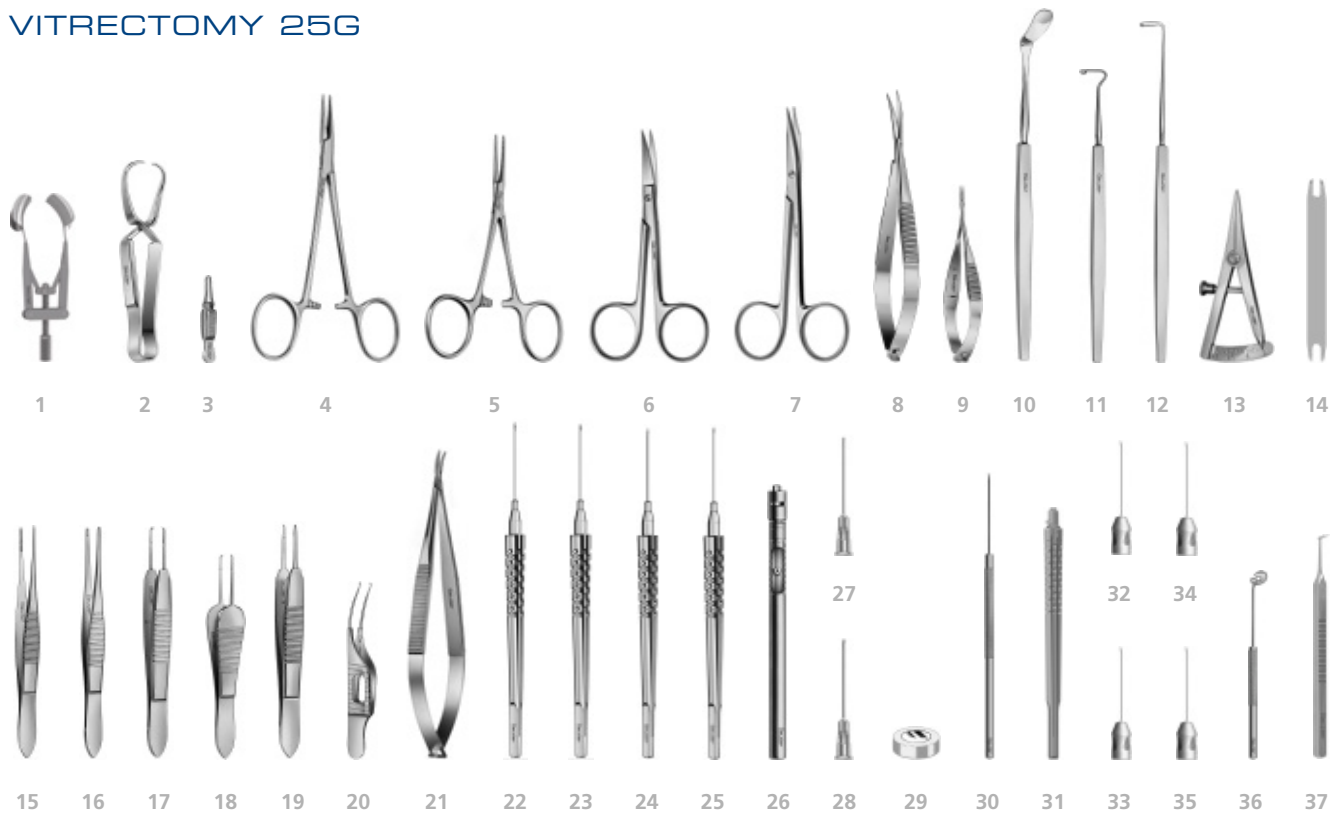
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Amico Yasna Pars (Pr.J.S.Co)



Tel: +9821-71137000

Fax: +9821-71137300

2nd Floor, No. 1698, Shariati Ave., Tehran, Iran Postal Code: 1914744755

www.aypmedical.com

info@aypmedical.com

Geuder[®]
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CE 2797

GEUDER AG
Hertzstrasse 4
69126 Heidelberg
Germany

Phone: +49 6221 3066
Fax: +49 6221 303122
info@geuder.de
www.geuder.com