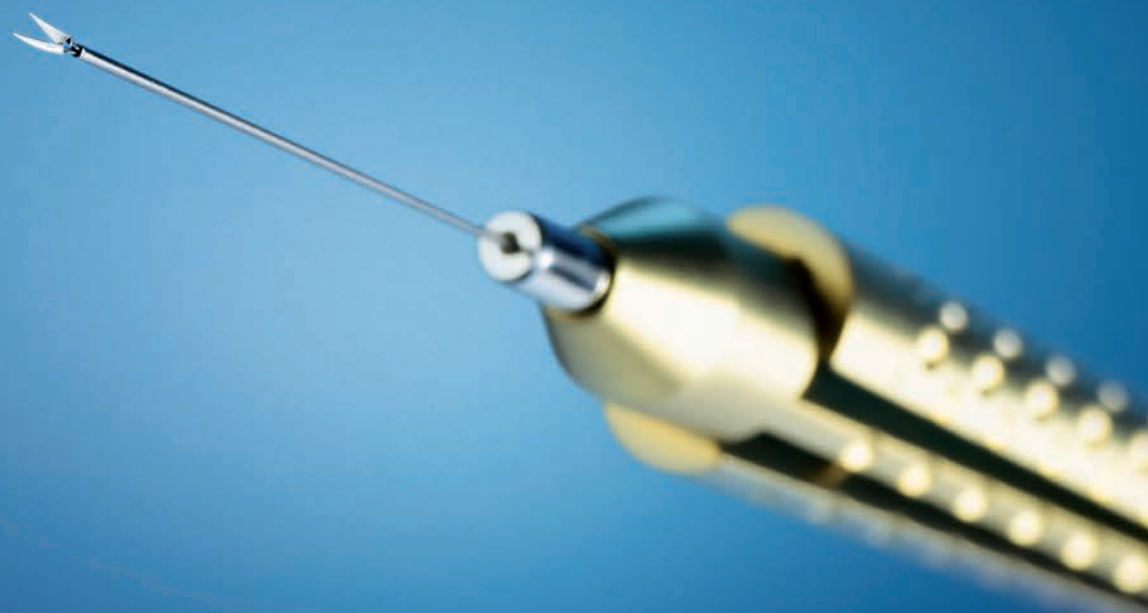


Geuder®

OPHTHALMIC SURGICAL PRODUCTS



Geuder®
Precision made in Germany

INSTRUMENTS

MAIN CATALOGUE

06 / 2018

FOCUSED ON PRECISION.

GEUDER – PRECISION MADE IN GERMANY.

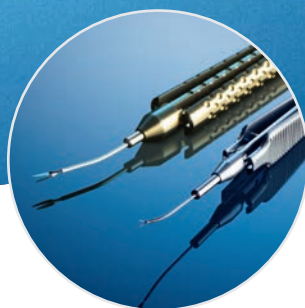
GEUDER AG was founded by Hans Geuder Sr. in Heidelberg 1951, since then it has become a worldwide leading manufacturer of ophthalmic surgical instruments and systems as well as provider for highly purified biomaterials. The broad portfolio offered by GEUDER AG includes a wide range of surgical equipment 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 65 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 9001/13485



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Manufacturer of ophthalmic surgical instruments and systems

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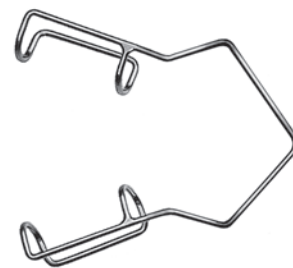
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G-17020

BARRAQUER
EYE SPECULUM
fenestrated
14 mm blades
overall length 38 mm

**01**

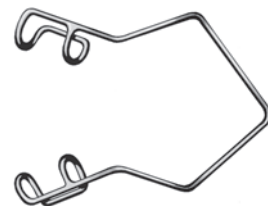
WIRE

G-17025

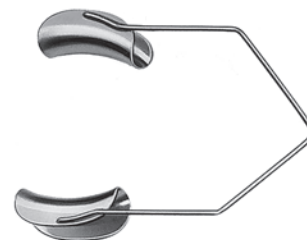
BARRAQUER
EYE SPECULUM
for infants
fenestrated
10 mm blades
overall length 40 mm

**G-17023**

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

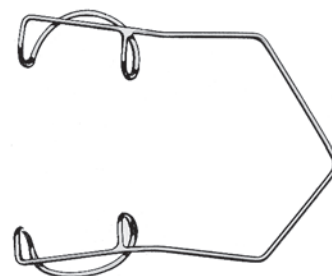
**G-17026**

BARRAQUER
EYE SPECULUM
15 mm solid blades
overall length 40 mm

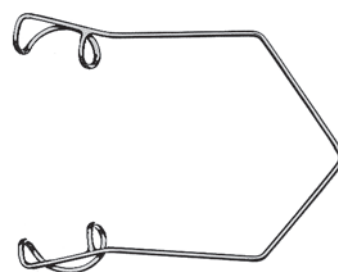


G-32136

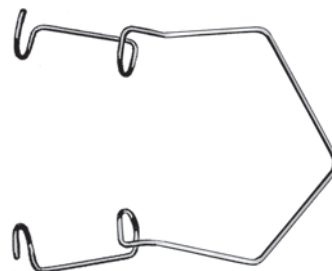
BARRAQUER
EYE SPECULUM
fenestrated
14 mm round blades
overall length 38 mm

**G-32137**

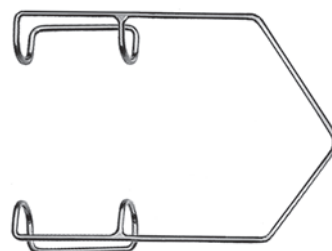
BARRAQUER
EYE SPECULUM
for infants
fenestrated
10 mm round blades
overall length 38 mm

**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



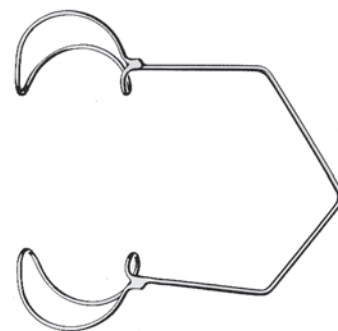
G-32133*KRATZ-BARRAQUER***EYE SPECULUM**

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

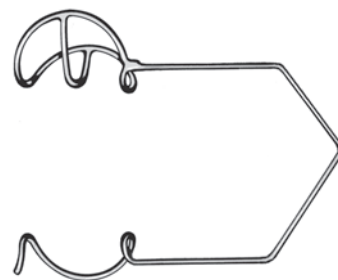
middle bar controls redundant lid tissue

G-32126

for the right eye

G-32127

for the left eye

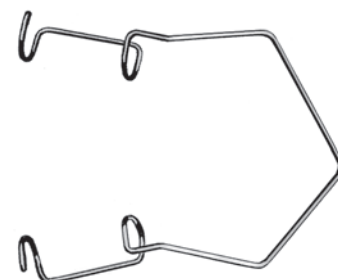
**G-17004***H.-R. KOCH***TEMPORAL APPROACH EYE SPECULUM**

for nasal placement

fenestrated

14 mm open blades

overall length 40 mm

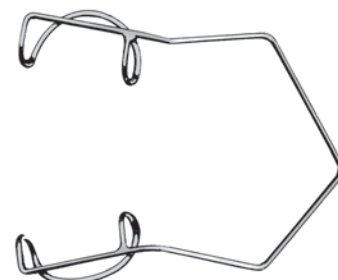
**G-32129****TEMPORAL APPROACH EYE SPECULUM**

for nasal placement

fenestrated

15 mm round blades

overall length 40 mm



*BARRAQUER-OOSTERHUIS***EYE SPECULUM**

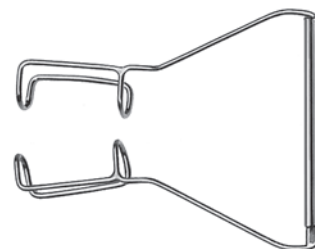
fenestrated, adjustable

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

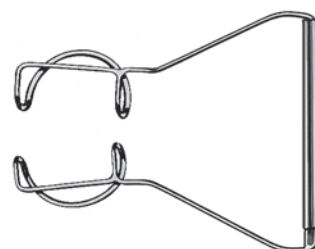
adjustable

G-32138

14 mm blades, overall length 40 mm

G-32139

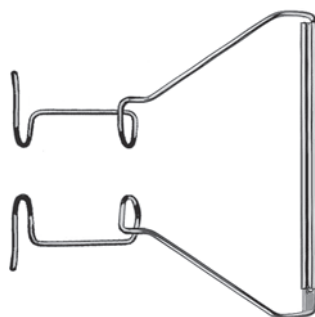
11 mm blades, overall length 30 mm, for infants

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

adjustable, fenestrated

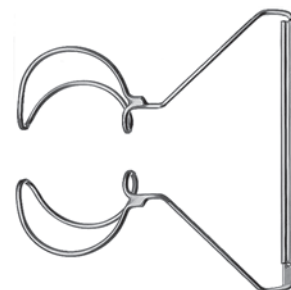
15 mm open blades

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**

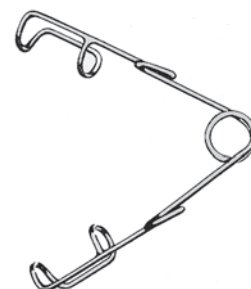
adjustable
 15 mm solid blades
 overall length 40 mm

**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

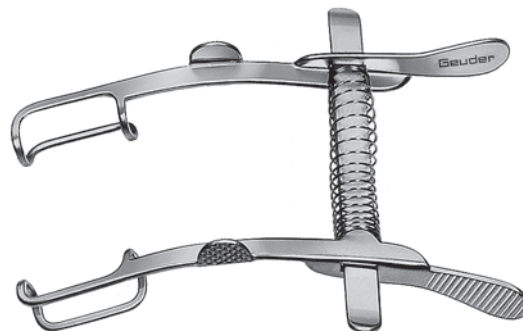


G-15945

MELLINGER

EYE SPECULUM

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

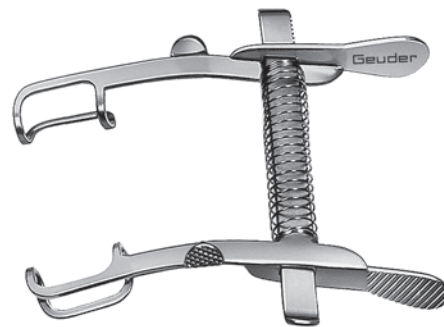


G-32130

MELLINGER

EYE SPECULUM

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

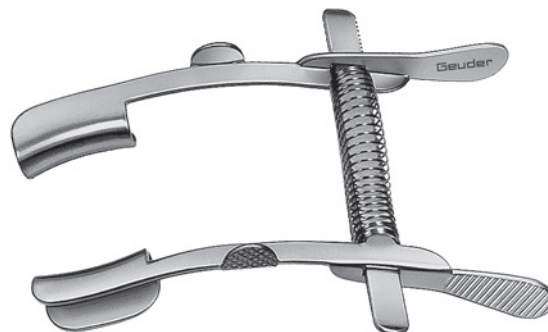


G-15946

MELLINGER-BEARD

EYE SPECULUM

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

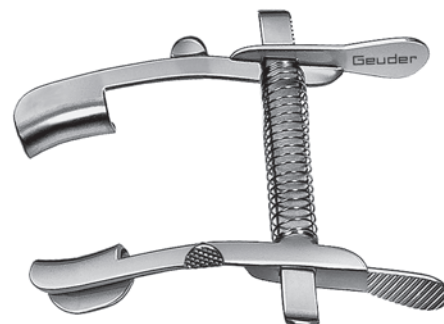


G-32135

MELLINGER-BEARD

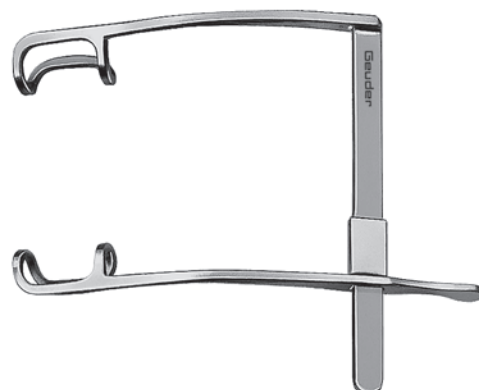
EYE SPECULUM

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

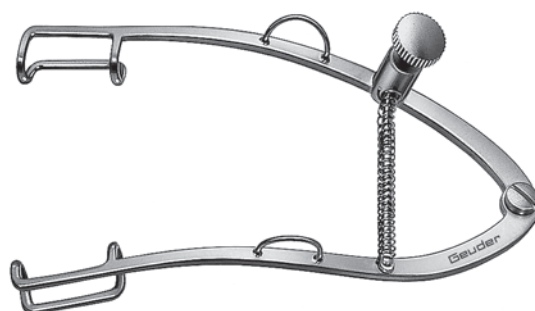


*PRETORI***EYE SPECULUM**

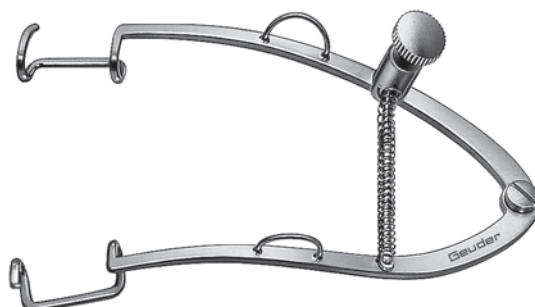
13.5 mm fenestrated blades
 adjustable, self retaining
 overall length 63 mm
 left
 right

G-16050**G-16055****G-15950***WEISS***EYE SPECULUM**

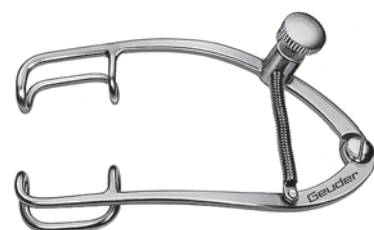
fenestrated
 adjustable with locking screw
 17.5 mm blades
 overall length 85 mm

**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

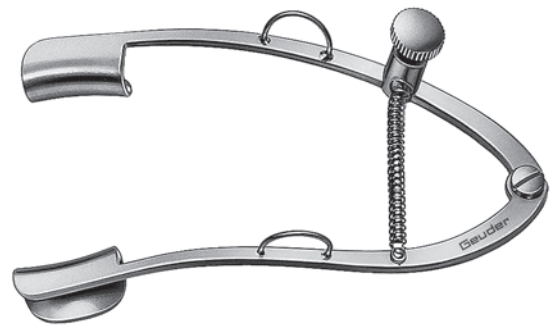
small
adjustable with locking screw
15 mm open blades
overall length 55 mm



G-15970

WEISS
EYE SPECULUM

adjustable with locking screw
16.5 mm solid blades
overall length 85 mm



G-15975

WEISS
EYE SPECULUM

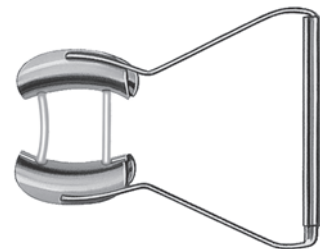
small
adjustable with locking screw
14 mm solid blades
overall length 55 mm



G-37130

BARTL
EYE SPECULUM

adjustable
with silicone band to secure vitrectomy lens
15 mm solid blades
overall length 39 mm

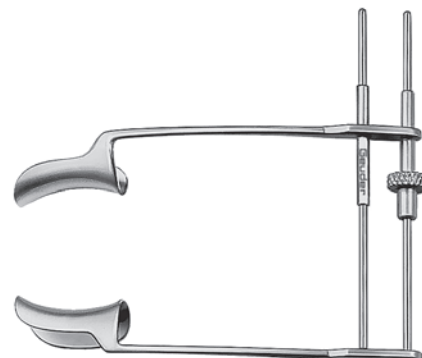


G-16010

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



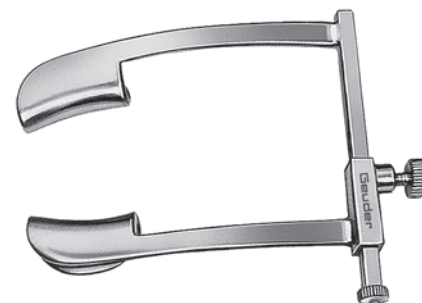
G-15990

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

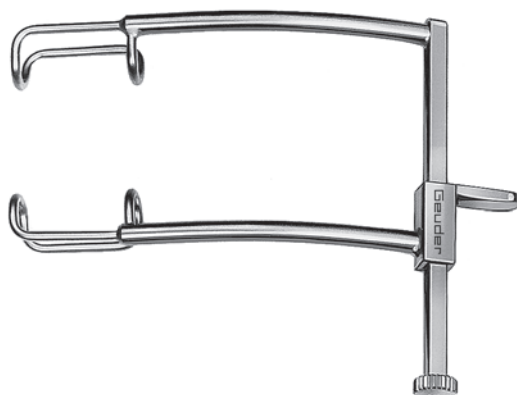
**G-17000***MURDOCK***EYE SPECULUM**

left

14 mm fenestrated blades

adjustable, self retaining

overall length 50 mm

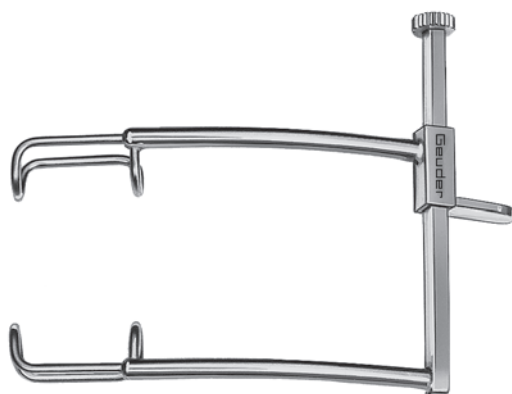
**G-17001***MURDOCK***EYE SPECULUM**

right

14 mm fenestrated blades

adjustable, self retaining

overall length 50 mm



*MURDOCK***EYE SPECULUM**

small

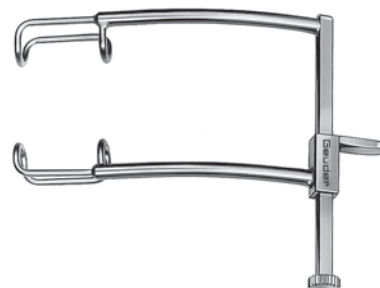
12 mm fenestrated blades

adjustable, self retaining

overall length 45 mm

left

right

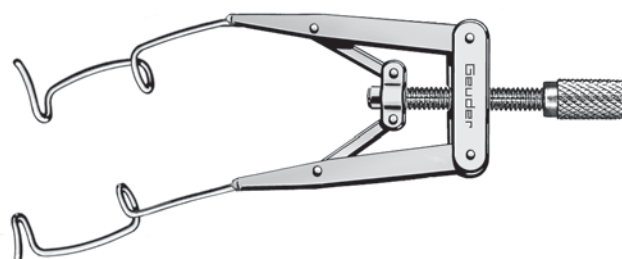
G-17002**G-17003****G-15960***LIEBERMANN-TENNANT***EYE SPECULUM**

adjustable, fenestrated

for temporal placement

15 mm open blades

overall length 80 mm

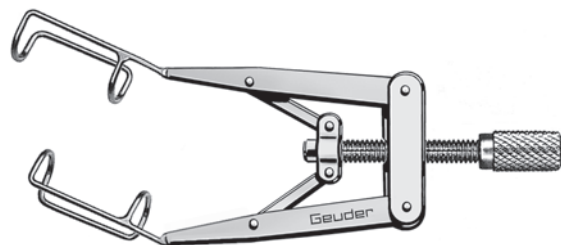
**G-15965***KERSHNER***EYE SPECULUM**

adjustable, reversible

for nasal and temporal placement

15 mm fenestrated blades

overall length 75 mm

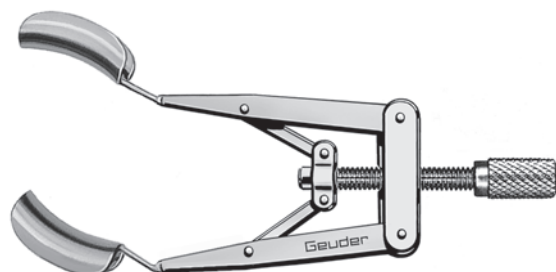
**G-15966***KERSHNER***EYE SPECULUM**

adjustable, reversible

for nasal and temporal placement

15 mm solid blades

overall length 75 mm



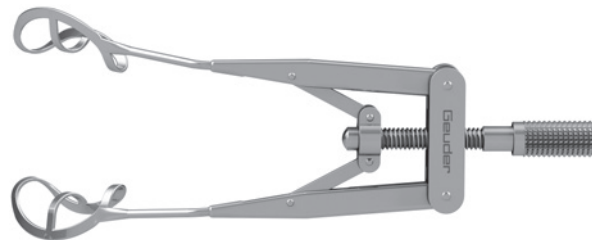
G-33965

DICK

FEMTOCATARACT EYE SPECULUM

adjustable

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

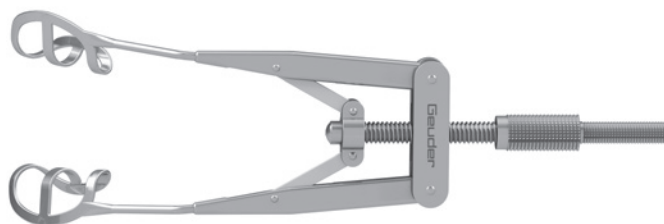


G-33971

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

1/2

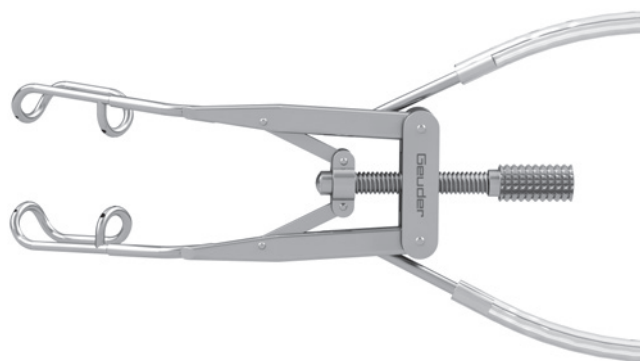
G-33920

KNORZ

LASIK EYE SPECULUM

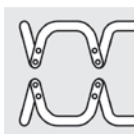
adjustable, with aspiration

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



*NODA***EYE SPECULUM**

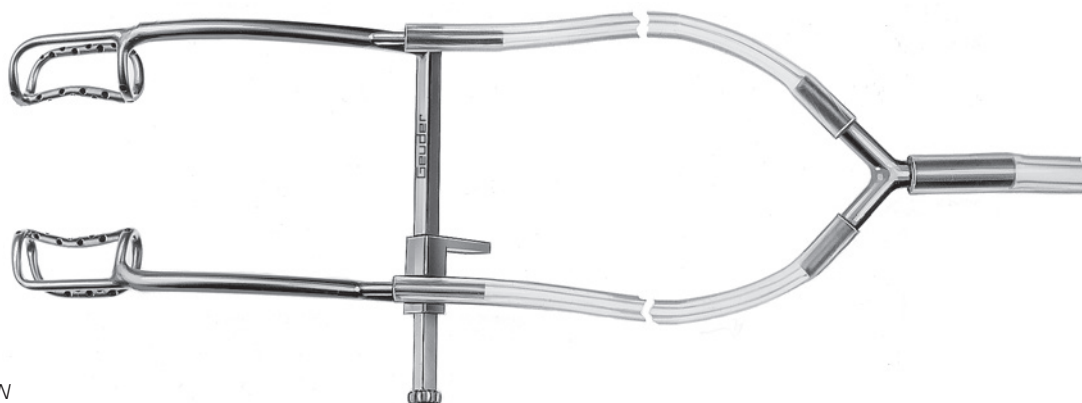
adjustable, with aspiration
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor

**G-17019**

15 mm open blades

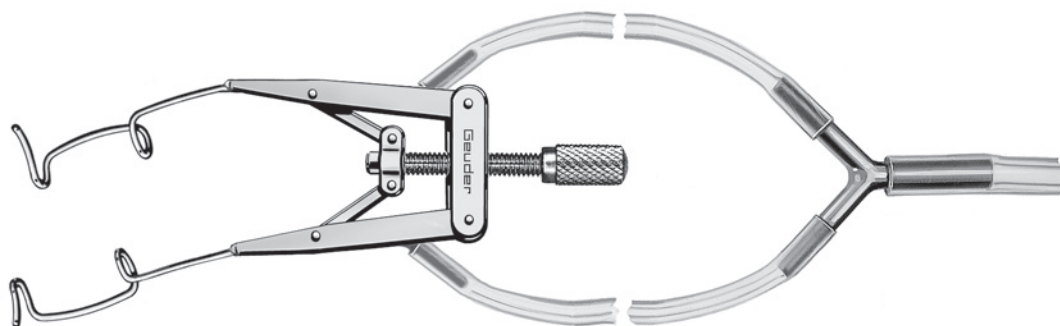
G-17021

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)

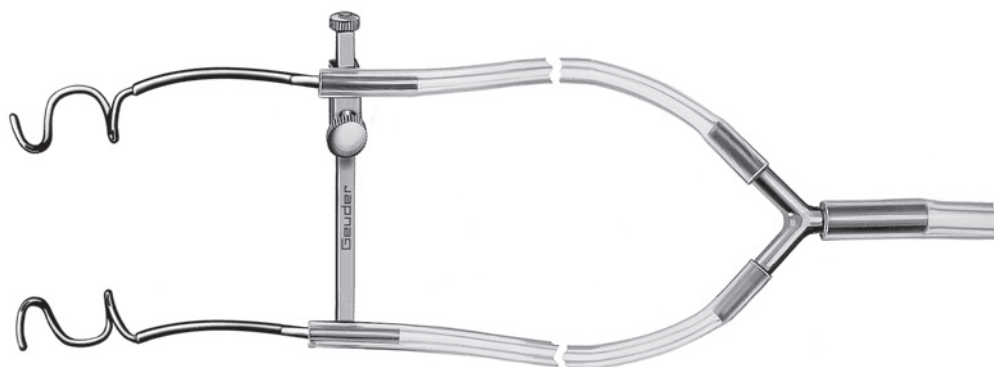
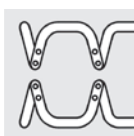
**G-15961***LIEBERMANN-TENNANT***EYE SPECULUM**

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

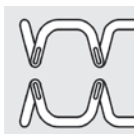
**G-17024***KOGA / NODA***EYE SPECULUM**

with 5 mm aspiration slits

adjustable

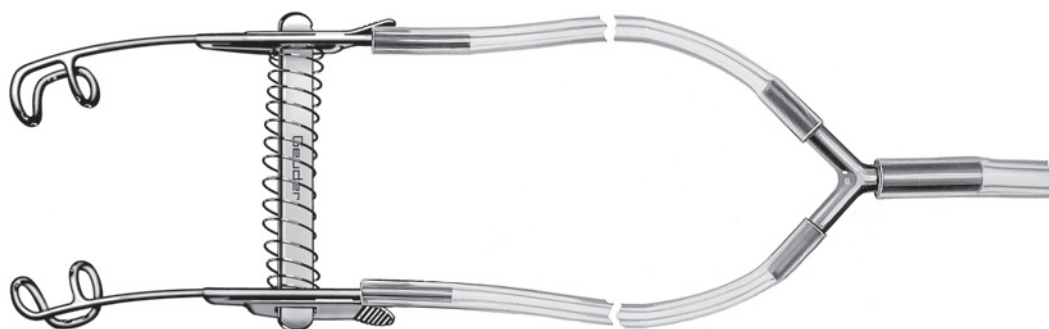
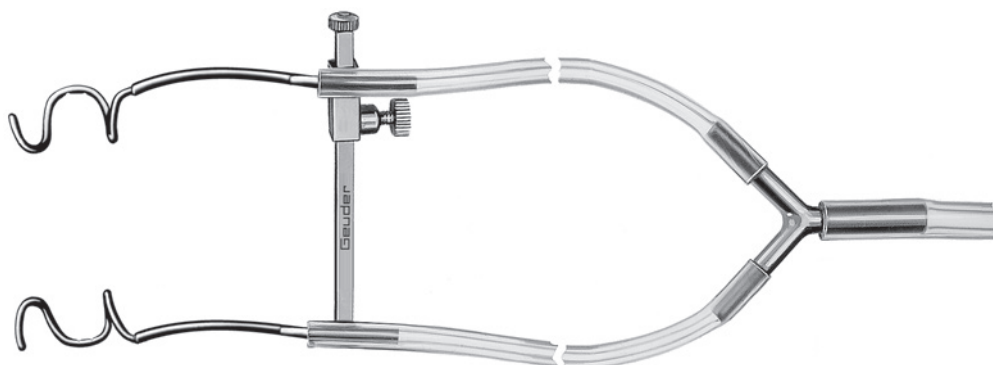
12 mm open blades

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

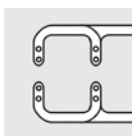


G-17031*NODA***EYE SPECULUM**

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

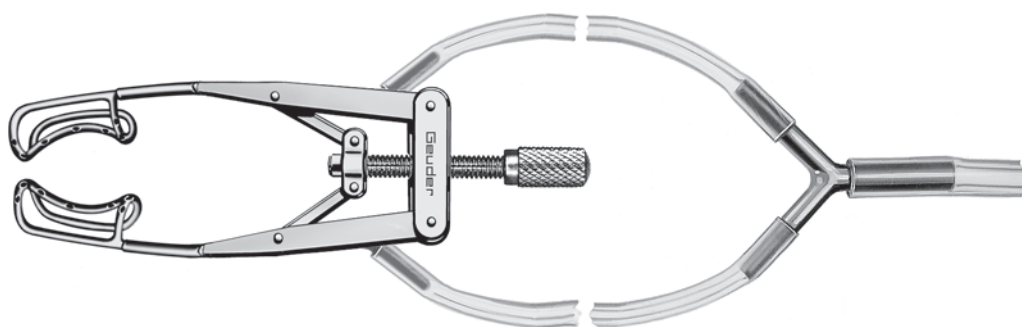
**G-15962***KAMMANN***EYE SPECULUM**

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

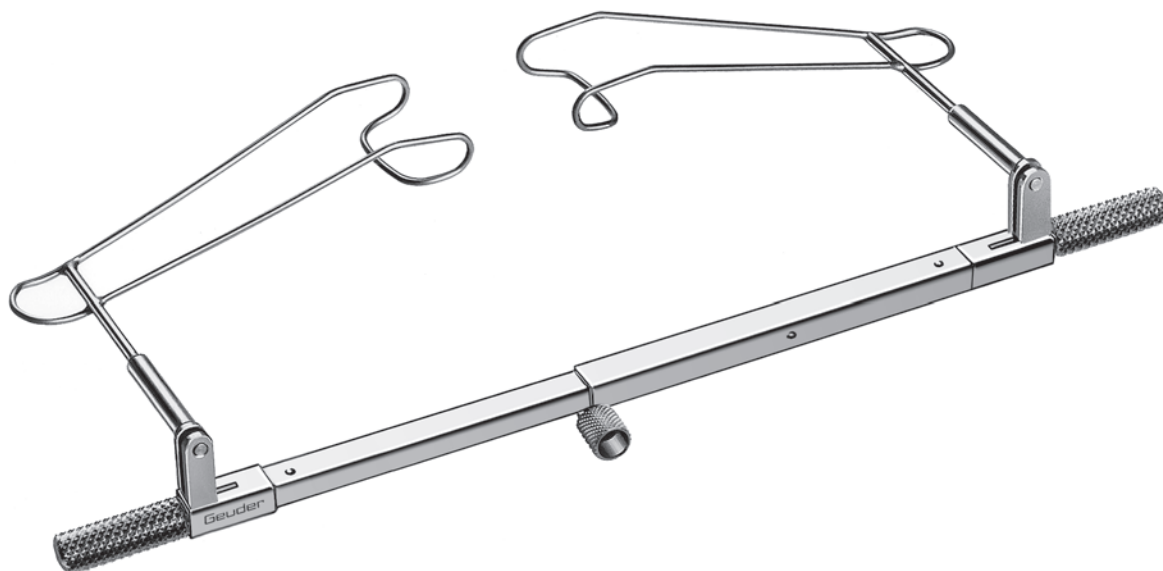


**G-33914***ZIRM***LASIK EYE SPECULUM**

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**

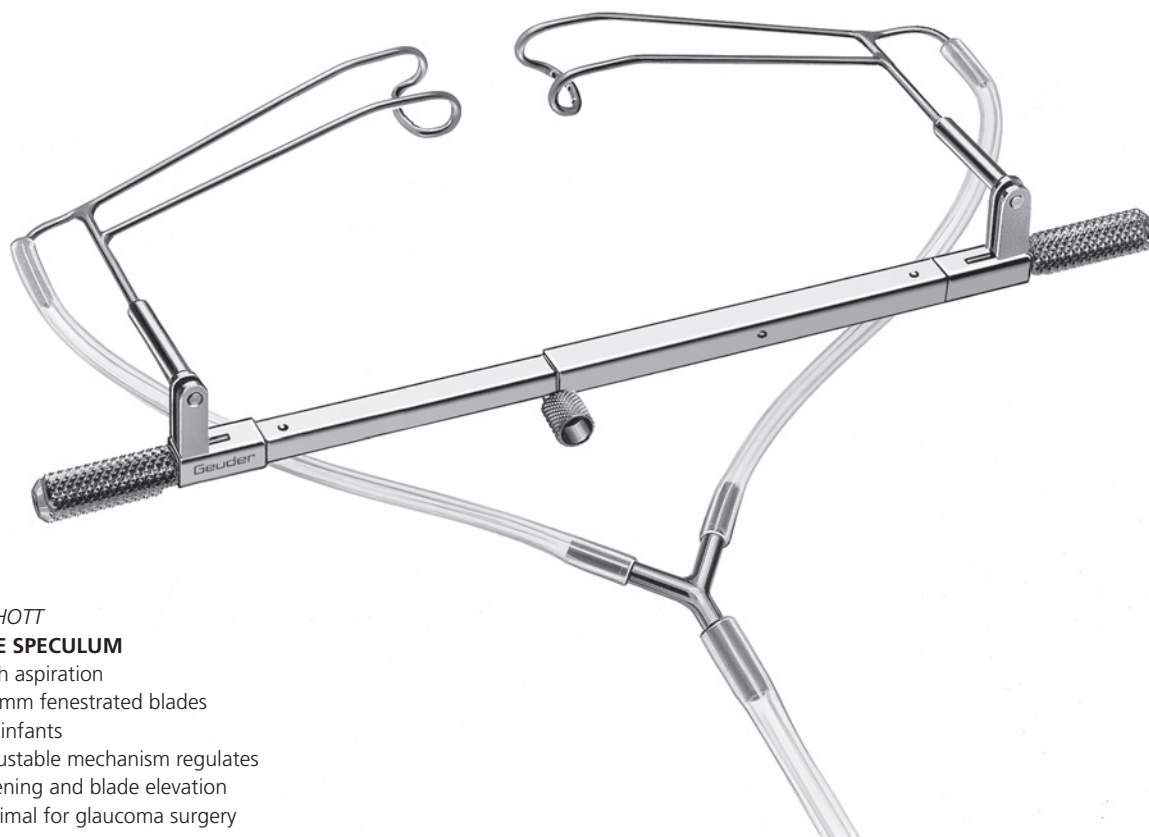
solid blades
adjustable mechanism regulates opening and blade elevation
optimal for glaucoma surgery

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

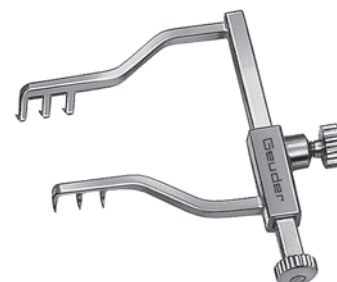
MUELLER

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

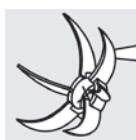
4 blades

G-33726

6 blades

G-33727

8 blades

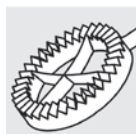


G-32222

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
inside diameter 7.0 mm
inside diameter 7.5 mm
inside diameter 8.0 mm

G-33740

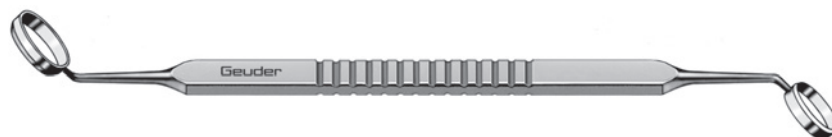
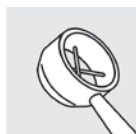
inside diameter 7.0 mm

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





LINDSTROM

CORNEAL MARKER

to mark arcuate incisions
for surgical correction of astigmatism
overall length 100 mm
optic zone 6.0 mm
G-33780
G-33781 optic zone 7.0 mm



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
G-32228
G-32229 for 8.0 mm transplant

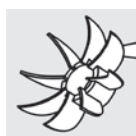


G-32224

THOMAS NEUHANN

SUTURE MARKER

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



G-19137

CUEPPERS

STRABISMUS MUSCLE TUCKER

15 mm scale
serrated J-shaped hook to
prevent the muscle from slipping

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

G-19135

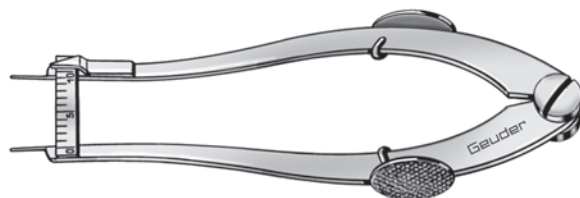


G-19138

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

G-37412

G-37414

G-37418

3.0 mm / 3.5 mm

3.0 mm / 4.0 mm

3.5 mm / 4.0 mm

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



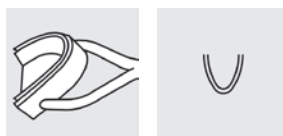
G-32004 *ENGELS*
MEASURING SPATULA
1 to 15 mm
angled 45°
overall length 88 mm



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

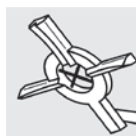


G-33745

MENDEZ

LASIK CORNEAL MARKER

for lamellar flap identification
and realignment
overall length 105 mm

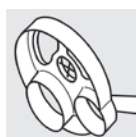


G-33746

CHAYET

LASIK CORNEAL MARKER

for lamellar flap identification
and realignment
overall length 105 mm

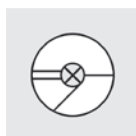
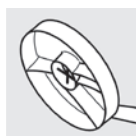


G-33747

LU

LASIK CORNEAL MARKER

for lamellar flap identification
and realignment
overall length 105 mm



G-32318

MALONEY

KERATOMETER

for qualitative measurement of astigmatism
overall length 20 mm



03

LASIK MARKERS · KERATOMETER

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

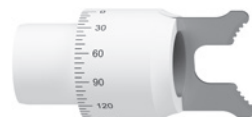


G-33777

**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

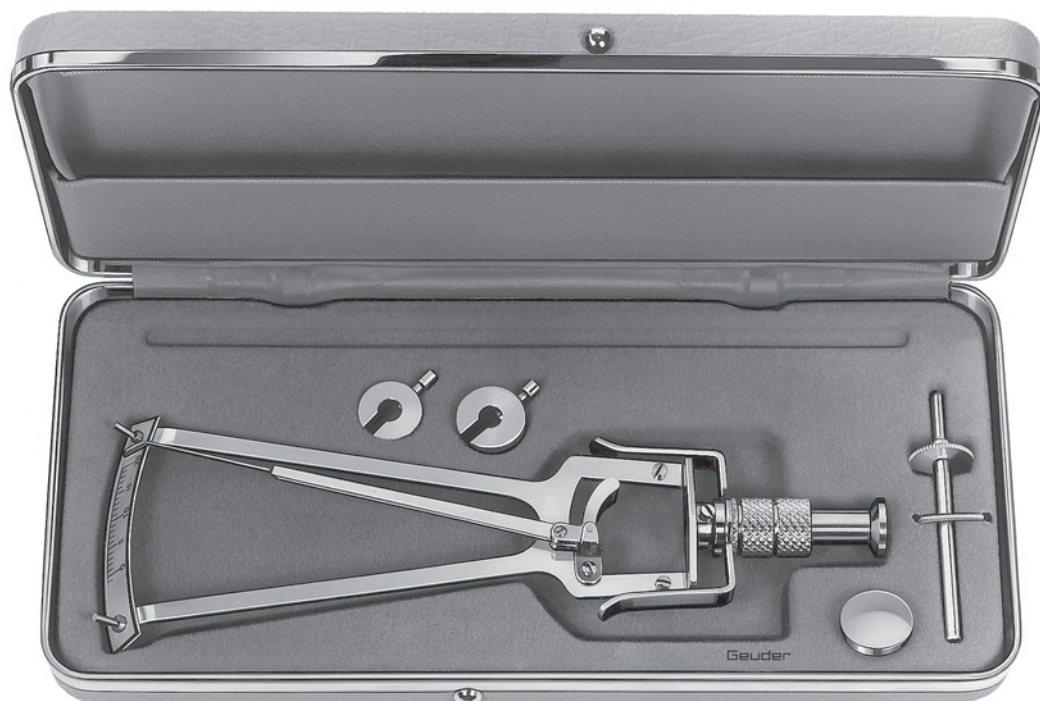
for G-33776 TOMARK
overall length 180 mm



03

TORIC MARKERS

1/2



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

04

CHALAZION



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



G-15845 *HEBRA*
CHALAZION CURETTE
medium
3 mm x 5 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 curettes
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

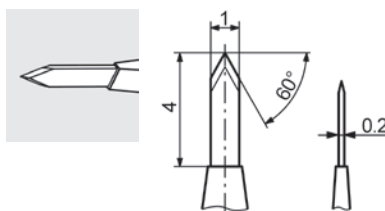
KNIVES DIAMOND KNIVES



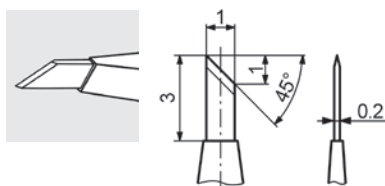
PARACENTESIS · SIDEPORT · UNIVERSAL	59
TRIFACET · CLEAR CORNEA	60
CRESCENT · STEP TRIFACET · LRI	61
MICROMETER · VISCOCANALOSTOMY · RETINAL SURGERY	62
KERATOME · CHALAZION · SCLERAL	63
CORNEAL SCARIFIER · DMEK SCRAPER	64
SATO	65
CRVO	66


G-38475 DIACLEAN DIAMOND KNIFE

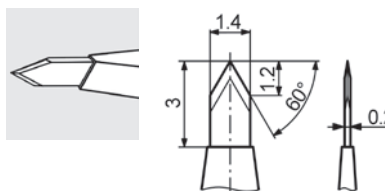
for paracentesis
 1 mm wide spear
 titanium handle
 width 1.0 mm
 length 4.0 mm
 thickness 0.2 mm


G-38344 DIACLEAN DIAMOND KNIFE

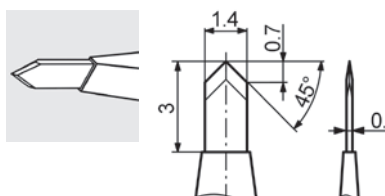
1 mm wide, 45° diamond blade
 titanium handle
 width 1.0 mm
 length 3.0 mm
 thickness 0.2 mm


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

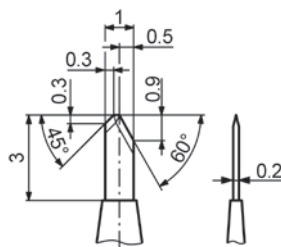
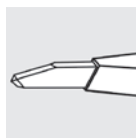
DIAMOND KNIVES: PARACENTESIS · SIDEPORT · UNIVERSAL



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

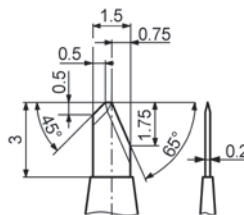
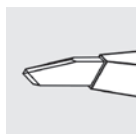


G-38473

PHAM

DIACLEAN TRI-FACET DIAMOND KNIFE

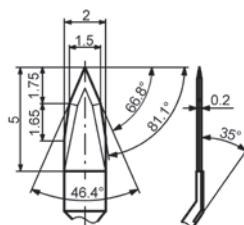
titanium handle
width 1.5 mm
length 3.0 mm
thickness 0.2 mm



G-38448

DIACLEAN CLEAR-CORNEA-INCISION DIAMOND KNIFE, 1.5/2.0 mm

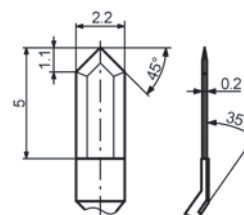
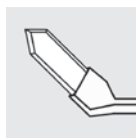
MICS trapezoid blade, 35° angled
4 cutting edges
titanium handle
width 1.5 / 2.0 mm
length 5.0 mm
thickness 0.2 mm



G-38444

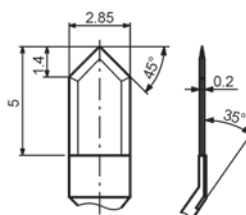
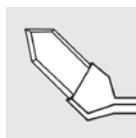
DIACLEAN CLEAR-CORNEA-INCISION DIAMOND KNIFE, 2.2 MM

4 cutting edges, 35° angled
titanium handle
width 2.2 mm
length 5.0 mm
thickness 0.2 mm

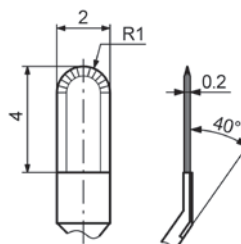
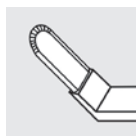


**G-38453**
**DIACLEAN CLEAR-CORNEA-INCISION
DIAMOND KNIFE, 2.85 MM**

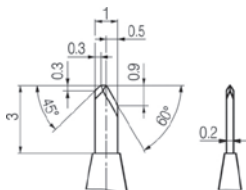
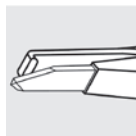
4 cutting edges, 35° angled
 titanium handle
 width 2.85 mm
 length 5.0 mm
 thickness 0.2 mm

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

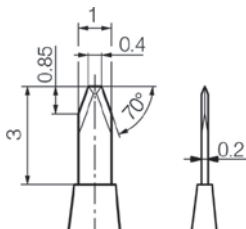
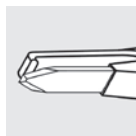
round spatula shape, 40° angled
 titanium handle
 width 2.0 mm
 length 4.0 mm
 thickness 0.2 mm

**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

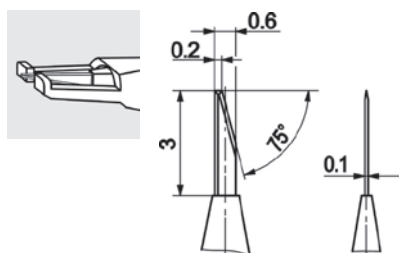
**06**

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

G-31480

DIAMOND MICROMETER KNIFE

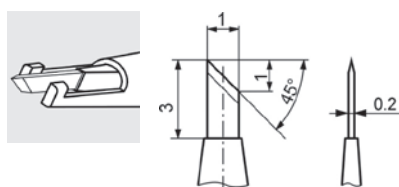
tri-facet for keratotomy
vertical and 15° cutting edges with
0.2 mm flat base cutting edge
double footplate, titanium handle
width 0.6 mm
length 3.0 mm
thickness 0.1 mm



G-19345

DIAMOND MICROMETER KNIFE

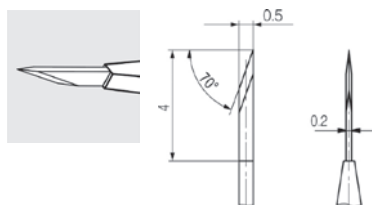
for keratotomy
single 45° cutting edge
double footplate, titanium handle
width 1.0 mm
length 3.0 mm
thickness 0.2 mm



G-31487

DIAMOND KNIFE

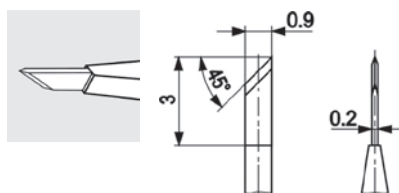
for viscocanalostomy
0.5 mm wide, 70° diamond blade
width 0.5 mm
length 4.0 mm
thickness 0.2 mm



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





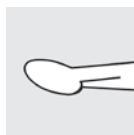
G-14420 *HAMBURG MODEL*
KERATOME
 angled at 14 mm from tip
 10 mm cutting surface
 1.1 mm wide
 overall length 120 mm



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



KUHNT

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

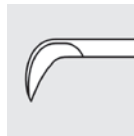




G-14165 **SATO KNIFE**
 1.5 mm cutting edge
 pointed tip
 overall length 123 mm



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



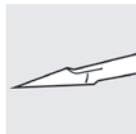
G-14162 *HANSEN*
SATO KNIFE
 double edge,
 for arteriovenous dissection
 20 gauge / 0.9 mm
 overall length 130 mm



G-12200

CRVO KNIFE

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

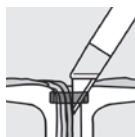
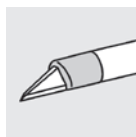


G-12220

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



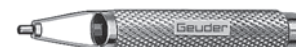
G-31815	1.0 mm
G-31820	1.2 mm
G-31825	1.3 mm
G-31830	1.4 mm

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

G-31855	1.9 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-20050	5.0 mm
G-20054	5.4 mm
G-20055	5.5 mm

G-20060	6.0 mm
G-20065	6.5 mm
G-20070	7.0 mm

G-20080	8.0 mm
G-20090	9.0 mm
G-20100	10.0 mm

**BEST
KERATOPLASTY TREPHINE**

overall length 75 mm



G-20450	5.0 mm
G-20455	5.5 mm
G-20460	6.0 mm
G-20465	6.5 mm

G-20470	7.0 mm
G-20480	8.0 mm
G-20490	9.0 mm
G-20500	10.0 mm

**FRANCESCHETTI
KERATOPLASTY TREPHINE**

overall length 75 mm



G-17250	5.0 mm
G-17251	5.1 mm
G-17260	6.0 mm
G-17261	6.1 mm

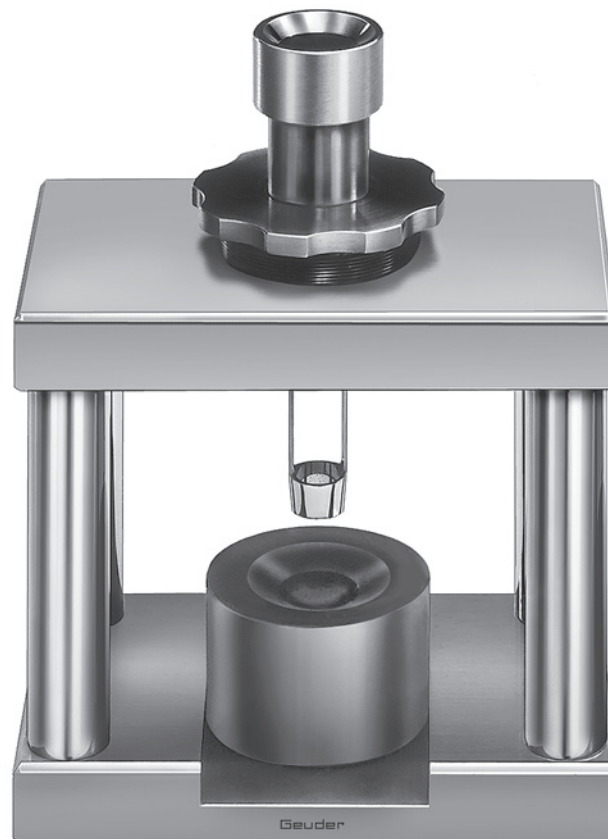
G-17270	7.0 mm
G-17271	7.1 mm
G-17280	8.0 mm
G-17281	8.1 mm

G-17290	9.0 mm
G-17291	9.1 mm
G-17300	10.0 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

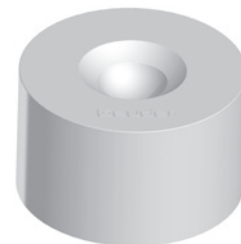
**KERATOPLASTY TREPHINE**

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



G-33870	7.0 mm	G-33880	8.0 mm	G-33890	9.0 mm
G-33871	7.1 mm	G-33881	8.1 mm	G-33891	9.1 mm
G-33872	7.2 mm	G-33882	8.2 mm	G-33892	9.2 mm
G-33873	7.3 mm	G-33883	8.3 mm	G-33893	9.3 mm
G-33874	7.4 mm	G-33884	8.4 mm	G-33894	9.4 mm
G-33875	7.5 mm	G-33885	8.5 mm	G-33895	9.5 mm
G-33876	7.6 mm	G-33886	8.6 mm	G-33896	9.6 mm
G-33877	7.7 mm	G-33887	8.7 mm	G-33897	9.7 mm
G-33878	7.8 mm	G-33888	8.8 mm	G-33898	9.8 mm
G-33879	7.9 mm	G-33889	8.9 mm	G-33899	9.9 mm

G-32671 *ÖRK LINZ MODEL*
SILICONE BLOCK FOR DMEK
for donor cornea
white-colored



G-32672 **SILICONE BLOCK**
for donor cornea
blue-colored



G-32674 **SILICONE BLOCK WITH CENTER POINT**
for donor cornea



G-38620 *SZURMAN*
DMEK GRAFT RETAINER
for preparation of DMEK graft



07

SILICONE BLOCKS

G-21175

METAL STAND

with removable silicone insert G-21176
for aspiration of donor cornea



G-21176

SILICONE INSERT

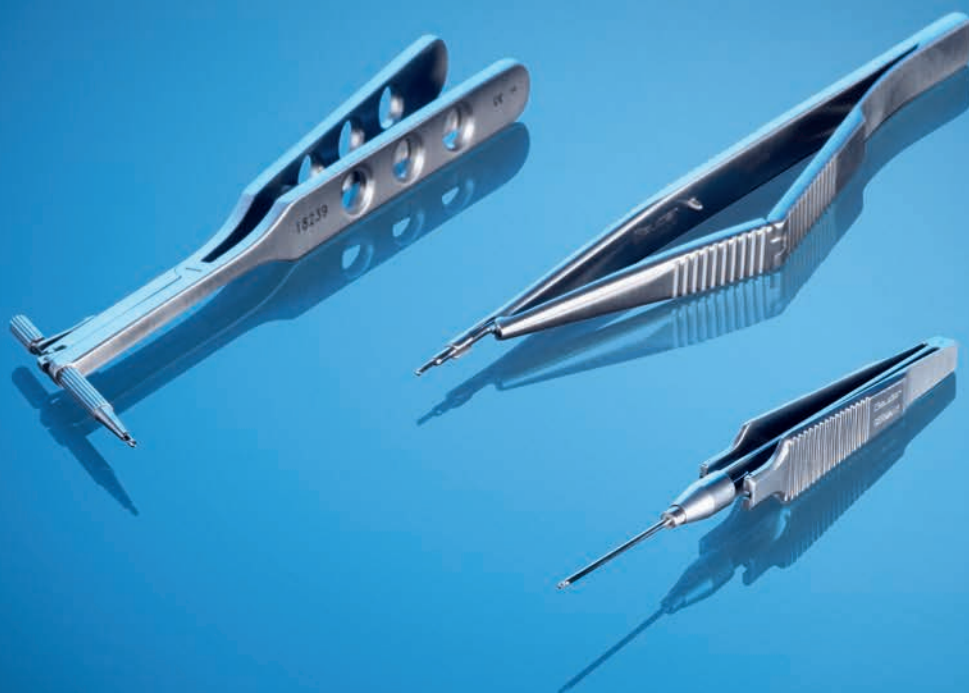
for metal stand G-21175



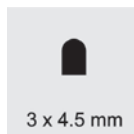
07

SILICONE BLOCKS

GLAUCOMA PUNCHES RONGEURS

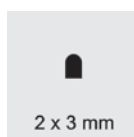


G-18210
CITELLI
BONE NIBBLING RONGEUR

3 mm x 4.5 mm bite
overall length 150 mm


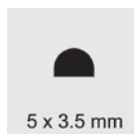
2/5


G-18220
BEYER
BONE NIBBLING RONGEUR

2 mm x 3 mm bite
overall length 140 mm


2/5


G-18225
KERRISON
BONE NIBBLING RONGEUR

5 mm x 3.5 mm bite
overall length 160 mm


2/5


08

RONGEURS



G-18238

KELLY

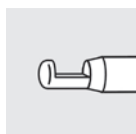
DESCMET'S MEMBRANE PUNCH

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

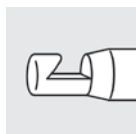
MICRO TRABECULECTOMY PUNCH

for Glaucoma

20 gauge / 0.9 mm

0.7 mm x 0.3 mm bite

overall length 90 mm



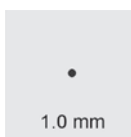
0.7 x 0.3 mm

**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
STITCH	82
CAPSULE	84
IRIS	86
IOL	87
TENOTOMY	89
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

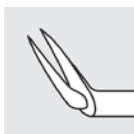


G-32940

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

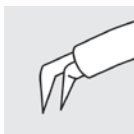


G-32942

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

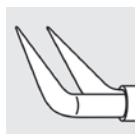


09

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
45° angled
G-38232

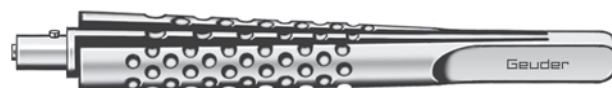


OSHER
CAPSULE SCISSORS
horizontal, 45° angled
G-38236



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

G-19545

G-19550

NOYES
IRIS SCISSORS
straight
18 mm blades
overall length 120 mm
sharp tips
sharp-blunt
blunt tips



G-19640

G-19655

WECKER
IRIS SCISSORS
11 mm blades
overall length 110 mm
sharp tips
blunt tips



WECKER

IRIS SCISSORS

7 mm blades
overall length 110 mm
sharp tips
blunt tips

G-19660

G-19675



G-19680

BARRAQUER

IRIS SCISSORS

7 mm blades
blunt tips
overall length 56 mm

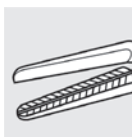


G-32945

STEINMETZ

IOL SCISSORS

6.5 mm upper blade
serrated lower tip with groove
overall length 92 mm
For cutting acrylic and silicone foldable IOLs

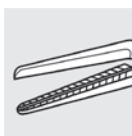


G-32946

STEINMETZ

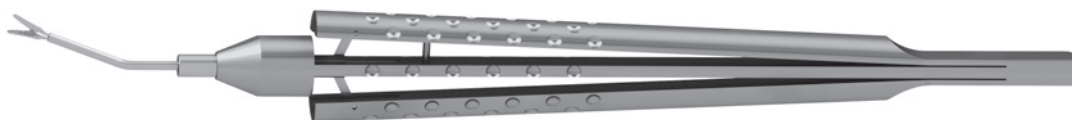
IOL SCISSORS

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



09

IRIS · IOL



SNYDER-OSHER

IOL SCISSORS

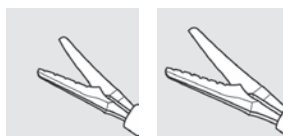
For cutting acrylic and silicone foldable IOLs
lower notched blade to create IOL traction

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)

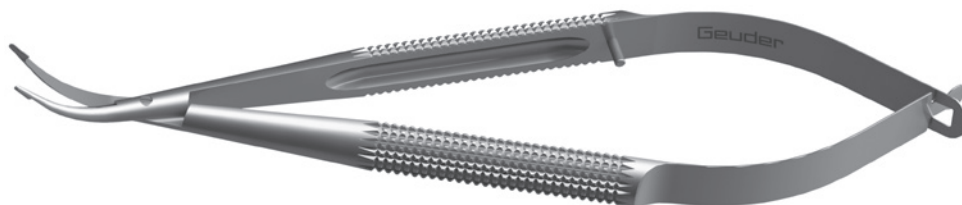
overall length 65 mm (loop 12 mm)

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

110 mm

30 mm

G-19365

120 mm

36 mm

**EYE SCISSORS**

curved, sharp tips
overall length: tip to pivot:

G-19370

90 mm

25 mm

G-19375

100 mm

28 mm

G-19380

110 mm

29 mm

G-19385

120 mm

34 mm



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*GRAEFÉ***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

G-19525

G-19530

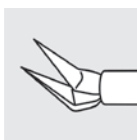
strong curve
medium curve
light curve



20 GAUGE

VITREORETINAL SCISSORS

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



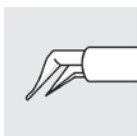
45° angle
horizontal
G-36502 6 mm handle
G-36504 8 mm handle



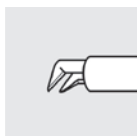
curved
with membrane peeler
G-36506 6 mm handle
G-36508 8 mm handle



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



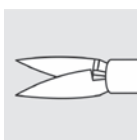
KROLL
angled, with membrane peeler
G-36516 6 mm handle
G-36518 8 mm handle



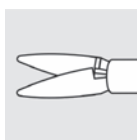
angled, blunt tips
for MIS
G-36522 6 mm handle
G-36524 8 mm handle



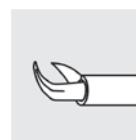
HEIMANN
angled
G-36526 6 mm handle
G-36528 8 mm handle



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



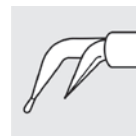
60° angled
G-36546 6 mm handle
G-36548 8 mm handle



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

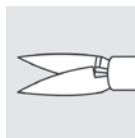
VITREORETINAL SCISSORS

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



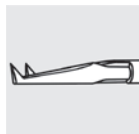
curved

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



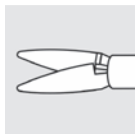
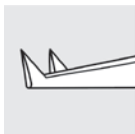
HEIMANN
straight

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



HEIMANN
for use with 23 gauge trocar system
angled, sharp tips

G-36540 6 mm handle
G-36541 8 mm handle



HEIMANN
straight, blunt tips

G-36582 6 mm handle
G-36584 8 mm handle

25 GAUGE

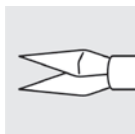
VITREORETINAL SCISSORS

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

ERGOLINE
ERGOLINE SCISSORS

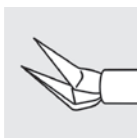
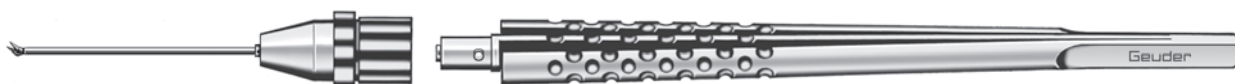
360° rotatable and interchangeable tips
 for Ergoline handles 6 and 8 mm diameter
 overall length 55 mm

ERGOLINE HANDPIECE

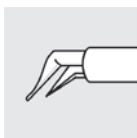
for Ergoline scissors
 gold-colored
 overall length 105 mm

G-36900 6 mm titanium handpiece

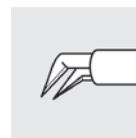
G-36901 8 mm titanium handpiece


ERGOLINE SCISSORS

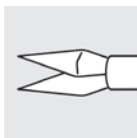
45° angled
 horizontal
 20 gauge / 0.9 mm
G-36902


KROLL
ERGOLINE SCISSORS

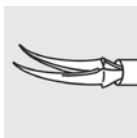
angled, with membrane peeler
 20 gauge / 0.9 mm
G-36915


HEIMANN
ERGOLINE SCISSORS

angled
 20 gauge / 0.9 mm
G-36925


HEIMANN
ERGOLINE SCISSORS

straight
G-36930 20 gauge / 0.9 mm
G-36975 23 gauge / 0.6 mm
G-36985 25 gauge / 0.5 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. 218**

UNO
 COLORLINE

FORCEPS



CILIA.....	101
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- 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

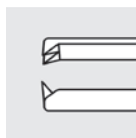


- G-32740** *HAMBURG MODEL*
CILIA AND FOREIGN BODY FORCEPS
tapered fine tips
overall length 90 mm



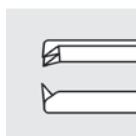
G-31230

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



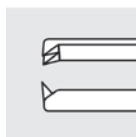
G-31235

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



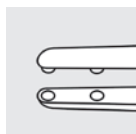
G-18847

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



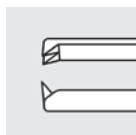
G-18810

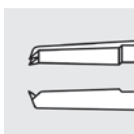
DRAEGER
CONJUNCTIVA FORCEPS
1.2 mm wide
2 atraumatic fixation knobs
overall length 97 mm



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

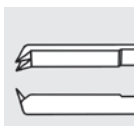
G-19020

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

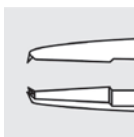
G-19026

0.3 mm

0.6 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

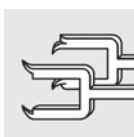


G-38623

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



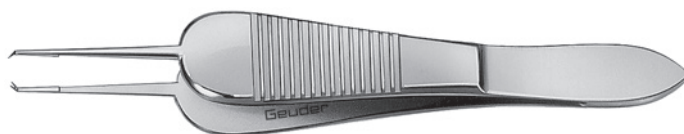
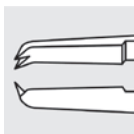
G-18940

G-18945

PAUFIQUE

UNIVERSAL SUTURING FORCEPS

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



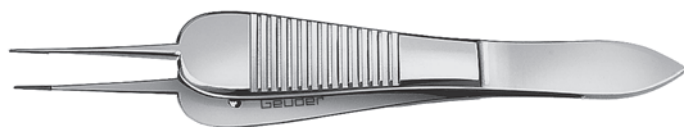
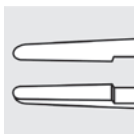
G-19045

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

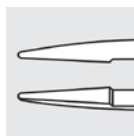
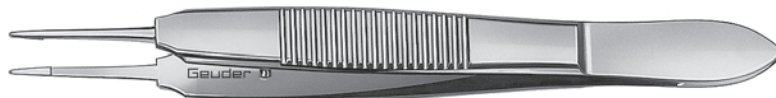
TUEBINGEN MODEL

TYING FORCEPS

straight, smooth jaws

6 mm tying platform

overall length 101 mm



G-19040

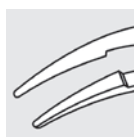
TUEBINGEN MODEL

TYING FORCEPS

curved, smooth jaws

6 mm tying platform

overall length 99 mm



G-19035

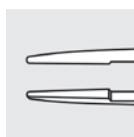
TUEBINGEN MODEL

TYING FORCEPS

delicate, smooth jaws

4 mm tying platform

overall length 84mm



G-19034

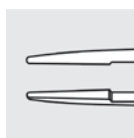
BONN MODEL

TYING FORCEPS

extra delicate, smooth jaws

3 mm tying platform

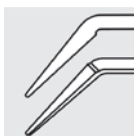
overall length 73 mm



G-19032

TYING FORCEPS

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

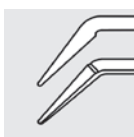


G-31625

DARDENNE

TYING FORCEPS

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

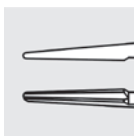


G-19038

BANGERTER

TYING FORCEPS

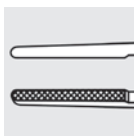
9.5 mm platform
longitudinal v-shape groove
overall length 100 mm



G-19048

TYING FORCEPS

utility serrated jaws
1 mm wide
overall length 106 mm



10

TYING

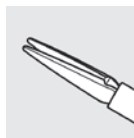
G-32947

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

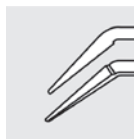


G-31623

KELMAN-MCPHERSON

FRAGMENT FORCEPS

angled, smooth jaws
7.5 mm platform
overall length 100 mm

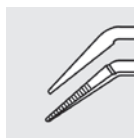


G-33941

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

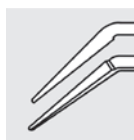
FRAGMENT FORCEPS

angled
with tying platform

G-31624

9 mm platform, overall length 107 mm

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



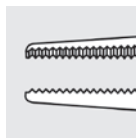
- G-19060** **HEIDELBERG MODEL**
FIXATION FORCEPS
3.5 mm wide
6 interlocking teeth
overall length 110 mm



DRESSING FORCEPS

serrated jaws
overall length 100 mm

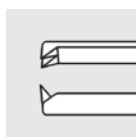
G-18780	0.5 mm
G-18781	0.7 mm
G-18782	1.0 mm
G-18783	1.2 mm
G-18784	1.4 mm



TISSUE FORCEPS

1 x 2 teeth
overall length 100 mm

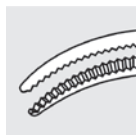
G-18790	0.5 mm
G-18791	0.7 mm
G-18792	1.0 mm
G-18793	1.2 mm
G-18794	1.4 mm



IRIS FORCEPS

serrated, delicate
overall length 73 mm
straight
curved

G-18855	straight
G-18856	curved

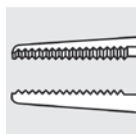


BONN MODEL

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

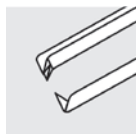


BONN MODEL

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

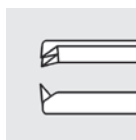
overall length 102 mm

extra delicate

G-18845

G-18890

delicate, with 4.5 mm tying platform



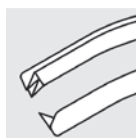
G-18840

SWISS MODEL

IRIS FORCEPS

curved, 1 x 2 teeth

overall length 100 mm



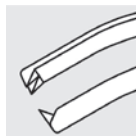
G-18860

HEIDELBERG MODEL

IRIS FORCEPS

light curve, 1 x 2 teeth

overall length 72 mm



G-18870

HEIDELBERG MODEL

IRIS FORCEPS

strong curve, 1 x 2 teeth

overall length 70 mm



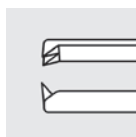
G-18857

IRIS FORCEPS

straight, delicate

1 x 2 teeth

overall length 72 mm



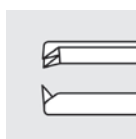
G-31953

IRIS FORCEPS

straight, strong

1 x 2 teeth

overall length 72 mm



G-18846

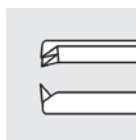
HAMBURG MODEL

IRIS FORCEPS

straight, delicate

1 x 2 teeth

overall length 103 mm



G-32240

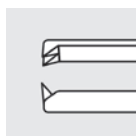
SWISS MODEL

IRIS FORCEPS

straight, extra delicate

1 x 2 teeth

overall length 70 mm



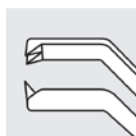
G-18880

HESS-ENGELKING

IRIS FORCEPS

1 x 2 teeth

overall length 72 mm



G-18897

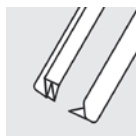
ELZE

IRIS FORCEPS

extra delicate

1 x 2 teeth

overall length 78 mm



G-18913

THOMAS NEUHANN

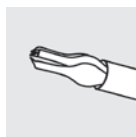
IRIS FORCEPS

curved shaft

1 x 2 teeth

23 gauge / 0.6 mm

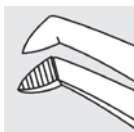
overall length 95 mm



G-31307

CAPSULORHEXIS FORCEPS

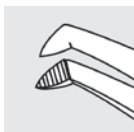
strong, with heel stop to protect the iris
interlocking micro serrated tips
12 mm straight shafts
overall length 103 mm



G-31308

CAPSULORHEXIS FORCEPS

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

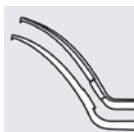


G-31300

MASKET

CAPSULORHEXIS FORCEPS

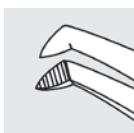
delicate, with heel stop to protect the iris
interlocking micro serrated tips
12 mm curved shafts
overall length 103 mm



G-31304

CAPSULORHEXIS FORCEPS

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



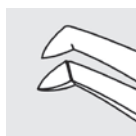
10

CAPSULORHEXIS

G-31301

CAPSULORHEXIS FORCEPS

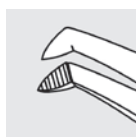
extra delicate
with smooth triangular grasping tips
13 mm curved shafts
overall length 98 mm



G-31305

CAPSULORHEXIS FORCEPS

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



10

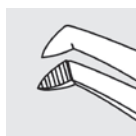
CAPSULORHEXIS

G-31303

H.-R. KOCH

CAPSULORHEXIS FORCEPS

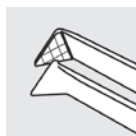
extra delicate with
interlocking micro serrated tips
13 mm curved shafts
1 mm marks from tip to bent
overall length 98 mm



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

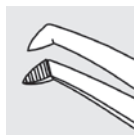


G-32928

INAMURA

MICS CAPSULORHEXIS FORCEPS

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

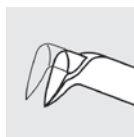


G-31306

KAMPIK

MICS CAPSULORHEXIS FORCEPS

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

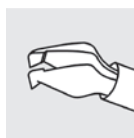


G-32935

H.-R. KOCH

MICS CAPSULE FORCEPS

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



10

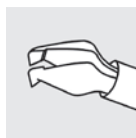
CAPSULORHEXIS · MICRO INCISION

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

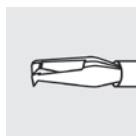


G-32936

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

IKEDA

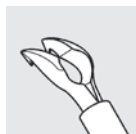
CAPSULORHEXIS FORCEPS

interchangeable tips
23 gauge / 0.6 mm curved shaft
overall length 40 mm

G-38242

textured, micrograsping tips **"BEAK"**
textured, micrograsping tips

for use with handle G-38240



G-38244
"beak"



G-38242



G-38240

JAPAN MODEL

HANDLE

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

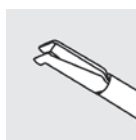


G-32944

HATTENBACH

CAPSULORHEXIS FORCEPS

25 gauge / 0.5 mm angled shaft with
micro grasping tips
overall length 88 mm

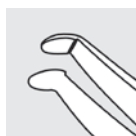


G-18805

TOBIAS NEUHANN

DESCEMET MEMBRANE FORCEPS

delicate blunt grasping tips
with platform
overall length 75 mm

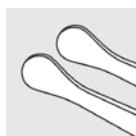


G-38624

SZURMAN

DMEK PREPARATION FORCEPS

for removal of Descemet layer
with smooth round tips to prevent tearing
the donor endothelium
overall length 75 mm

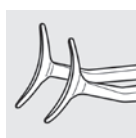


G-38628

YÖRÜK

DMEK TRANSPLANT FORCEPS

atraumatic grasping and removal of
Descemet's membrane
grasping area 6 mm
overall length 77 mm

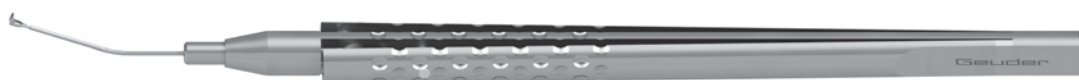
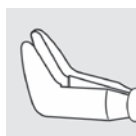


G-38634

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



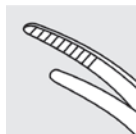
10

CAPSULORHEXIS · DMEK · DESCOMETORHEXIS

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

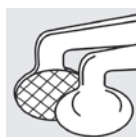


G-33428

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

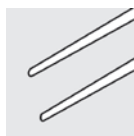
curved 3.25 mm T-bar
textured
to grasp and lift LASIK flaps
overall length 102 mm



G-31899

LASIK CORNEAL FLAP FORCEPS

angled shafts, 9 mm
highly polished round and smooth shafts
overall length 108 mm

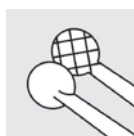


G-18914

BURATTO

LASIK CORNEAL FLAP FORCEPS

curved shafts
cross serrated tips, 0.8 mm diameter
overall length 100 mm



G-33960

RUPAL SHAH

LENTICULE FORCEPS

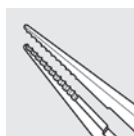
3.5 mm serrated tips
20 gauge / 0.9 mm curved shaft
to retrieve lenticule during SMILE procedures
6 mm titanium handle, blue-colored
overall length 144 mm



G-33961

LENTICULE FORCEPS

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



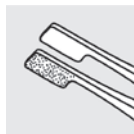
10

LASIK FLAP · LENTICULE EXTRACTION



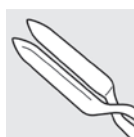
G-31518 NUCLEUS SPREADING FORCEPS

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



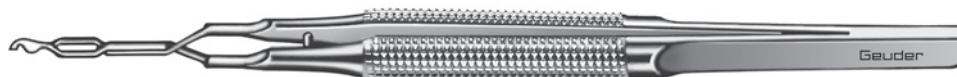
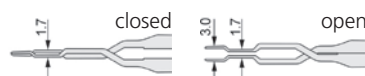
G-31519 AKAHOSHI NUCLEUS SPREADING FORCEPS

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



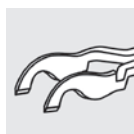
G-31720 AKAHOSHI PRECHOPPER

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

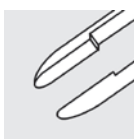


G-33440

VON BARSEWISCH

ANTERIOR CHAMBER FORCEPS

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

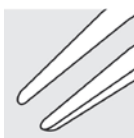


G-32165

FECHNER

IMPLANTATION FORCEPS

smooth curved shafts
overall length 80 mm



G-18935

DODEN

IMPLANTATION FORCEPS

curved
delicate lens holding shafts
overall length 110 mm



10

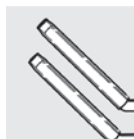
NUCLEUS PRECHOPPERS · IOL IMPLANTATION



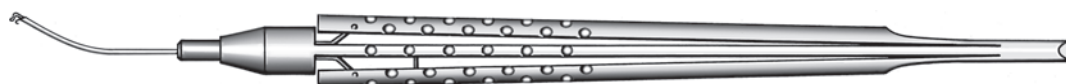
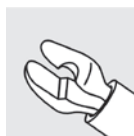
G-18930 *SHEPARD*
IMPLANTATION FORCEPS
curved, 1.4 mm disc-shaped tips
delicate lens holding shafts
overall length 120 mm



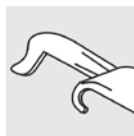
G-31962 *T. KOHNEN*
IMPLANTATION FORCEPS
silicone tube coated
10 mm angled shafts
overall length 107 mm



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



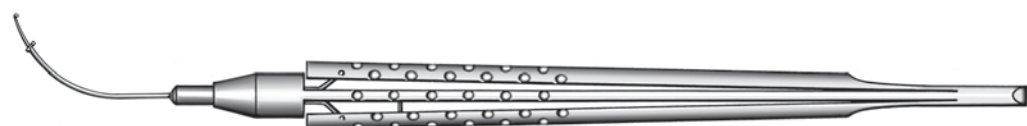
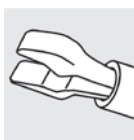


G-18944

T. NEUHAUS

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

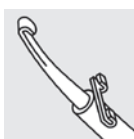


G-18928

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

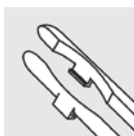
foldable IOL insertion forceps
for silicone and acrylic IOLs
angled shafts, concave jaws
overall length 102 mm



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

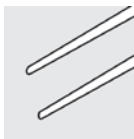
for foldable 3-piece IOLs
6.0 mm concave jaws
overall length 92 mm



G-31901

HOLDING FORCEPS

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

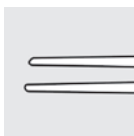


G-18941

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

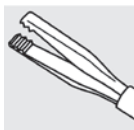


G-32997

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

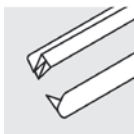


G-18820

REMKY

SUPERIOR RECTUS FORCEPS

angled
1 x 2 teeth
overall length 109 mm

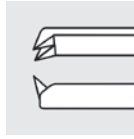


10

IOL EXPLANTATION

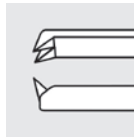
G-18800

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



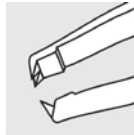
G-18795

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



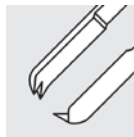
G-19105

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



10

SUPERIOR RECTUS · MUSCLE

G-19120

G-19125

SATTLER

MUSCLE FORCEPS

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

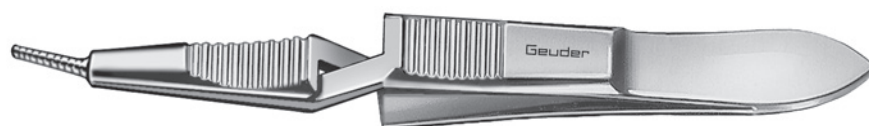


G-33752

WATZKE

SPREADING FORCEPS

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

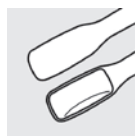


G-33434

PFENNIGWERTH

HOLDING FORCEPS

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



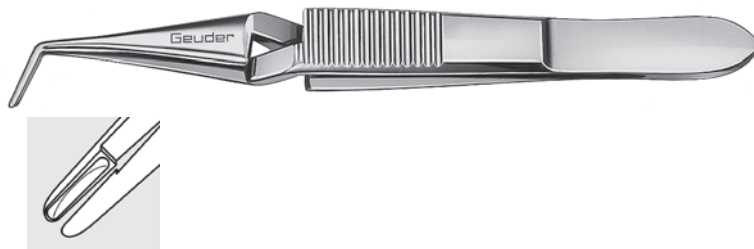
10

MUSCLE · NASAL · RETINAL

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

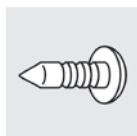
to securely hold plugs during insertion
and removal
overall length 100 mm



G-33432

SCLERAL PLUG

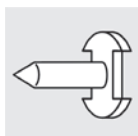
serrated,
20 gauge / 0.9 mm



G-33436

SCLERAL PLUG

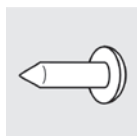
to suture onto sclera
20 gauge / 0.9 mm



G-33435

SCLERAL PLUG

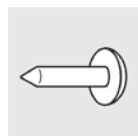
20 gauge / 0.9 mm



G-33441

SCLERAL PLUG

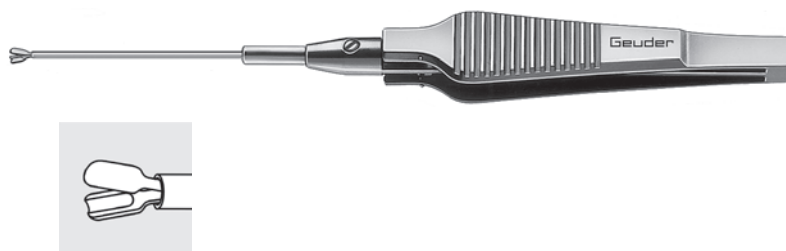
23 gauge / 0.6 mm



G-33438

FORCEPS

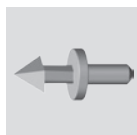
for *HEIMANN* retinal tacks
overall length 100 mm



G-33437T

**HEIMANN
RETINAL TACK**

titanium
- for single use only -



G-37420

BARTZ-SCHMIDT

TROCAR CLOSURE FORCEPS

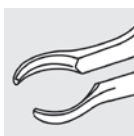
with function for bulbus fixation
overall length 72 mm



G-37430

TROCAR FORCEPS

for trocar systems with groove
overall length 110 mm

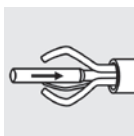


G-33831

REIMANN

VITREORETINAL FORCEPS

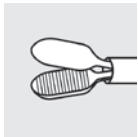
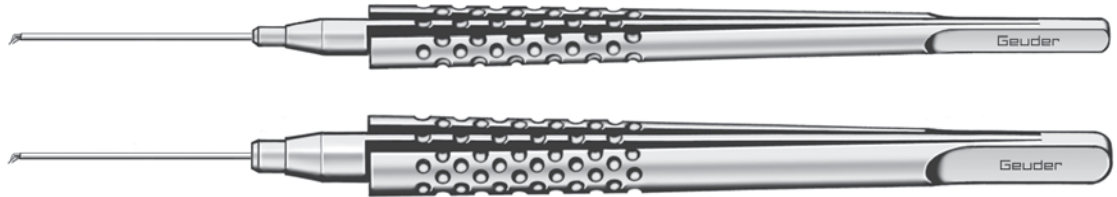
for foreign body removal
with retractable magnet and 3-prongs
14 gauge / 2.1 mm straight shaft
shaft length 35 mm
overall length 138 mm



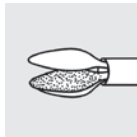
20 GAUGE

VITREORETINAL FORCEPS

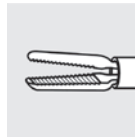
20 gauge / 0.9 mm
6 mm and 8 mm diameter handles
titanium, blue-colored
overall length 155 mm



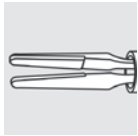
straight
serrated tips
G-36202 6 mm handle



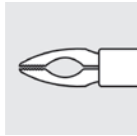
straight
textured tips
G-36206 6 mm handle
G-36208 8 mm handle



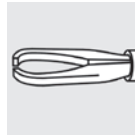
straight
serrated "crocodile" tips
G-36256 6 mm handle
G-36258 8 mm handle



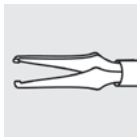
straight
silicone coated
G-36212 6 mm handle
G-36214 8 mm handle



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



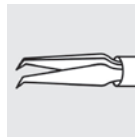
A. MUELLER
for retinal vessels / sheatotomy
G-36332 6 mm handle



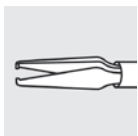
straight
grip tips
G-36216 6 mm handle
G-36218 8 mm handle



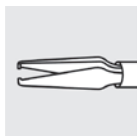
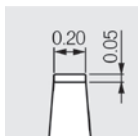
90° angle
pointed tips
G-36276 6 mm handle
G-36278 8 mm handle



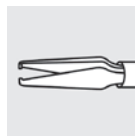
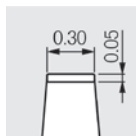
NAITO
ILM
G-36316 6 mm handle
G-36318 8 mm handle



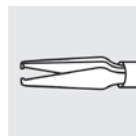
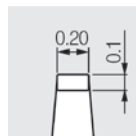
straight
endgripping, extra delicate
0.2 mm x 0.05 mm
G-36292 6 mm handle
G-36294 8 mm handle



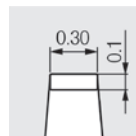
straight
endgripping, extra delicate
0.3 mm x 0.05 mm
G-36296 6 mm handle
G-36298 8 mm handle



straight
endgripping, delicate
0.2 mm x 0.1 mm
G-36302 6 mm handle
G-36304 8 mm handle



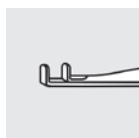
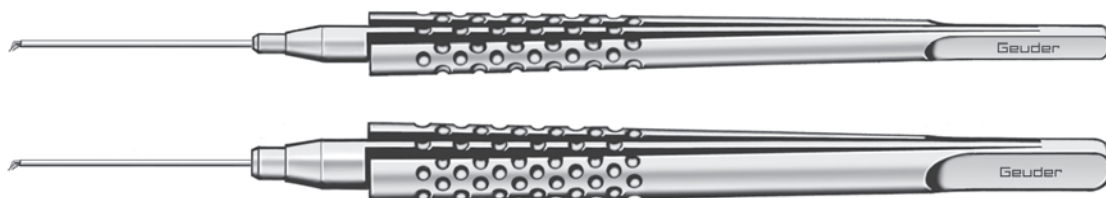
straight
endgripping
0.3 mm x 0.1 mm
G-36306 6 mm handle
G-36308 8 mm handle



20 GAUGE

VITREORETINAL FORCEPS

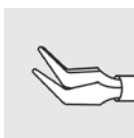
20 gauge / 0.9 mm
6 mm and 8 mm diameter handles
titanium, blue-colored
overall length 155 mm



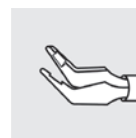
90° angle
membrane peeler
G-36226 6 mm handle



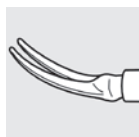
45° angle
membrane peeler
G-36232 6 mm handle



45° angle
G-36222 6 mm handle



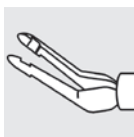
membrane peeler tips
G-36252 6 mm handle
G-36254 8 mm handle



curved
membrane dissector
G-36266 6 mm handle



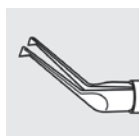
45° angle
membrane dissector
G-36272 6 mm handle



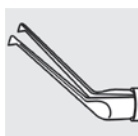
45° angle
horizontal subretinal
G-36236 6 mm handle



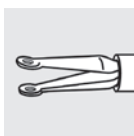
45° angle, vertical tips
subretinal
G-36246 6 mm handle
G-36248 8 mm handle



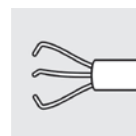
angled, extra delicate
3.0 mm tips
G-36336 6 mm handle



angled, extra delicate
4.5 mm tips
G-36326 6 mm handle
G-36328 8 mm handle



straight
circular tips
G-36242 6 mm handle

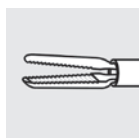
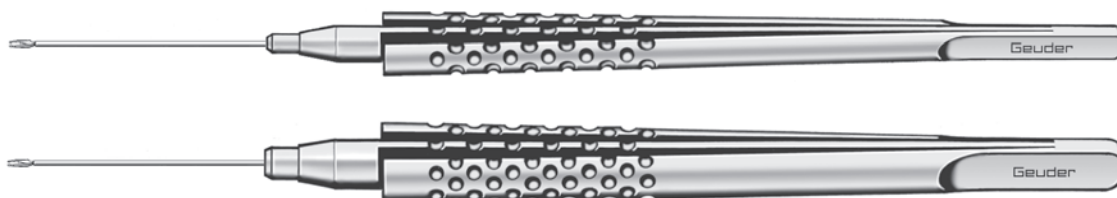


foreign body forceps
G-36262 6 mm handle
G-36264 8 mm handle

23 GAUGE

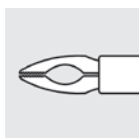
VITREORETINAL FORCEPS

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



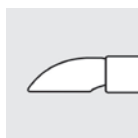
straight
serrated "crocodile" tips

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



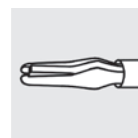
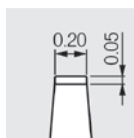
TANO
straight, serrated tips

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



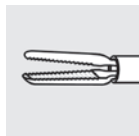
straight
grip tips

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

25 GAUGE

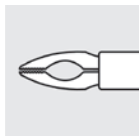
VITREORETINAL FORCEPS

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



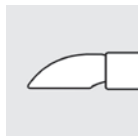
straight
serrated "crocodile" tips

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



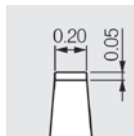
TANO
straight, serrated tips

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



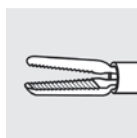
ERGOLINE

ERGOLINE FORCEPS

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

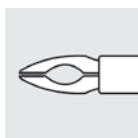
ERGOLINE HANDPIECE

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



ERGOLINE FORCEPS

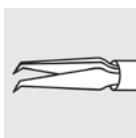
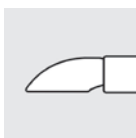
straight
serrated "crocodile" tips
G-36655 20 gauge / 0.9 mm
G-36740 23 gauge / 0.6 mm
G-36720 25 gauge / 0.5 mm



TANO

ERGOLINE FORCEPS

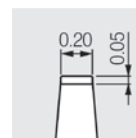
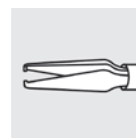
straight, serrated tips
G-36755 20 gauge / 0.9 mm
G-36765 23 gauge / 0.6 mm



NAITO

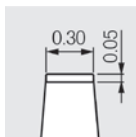
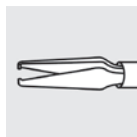
ERGOLINE FORCEPS ILM

G-36715 20 gauge / 0.9 mm



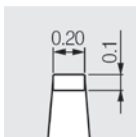
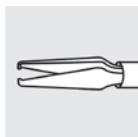
ERGOLINE FORCEPS

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



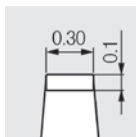
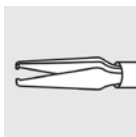
ERGOLINE FORCEPS

endgripping
extra delicate 0.3 mm x 0.05 mm
G-36695 20 gauge / 0.9 mm



ERGOLINE FORCEPS

endgripping
delicate 0.2 mm x 0.1 mm
G-36700 20 gauge / 0.9 mm



ERGOLINE FORCEPS

endgripping
delicate 0.3 mm x 0.1 mm
G-36705 20 gauge / 0.9 mm

**SINGLE-USE
INTERCHANGEABLE FORCEPS
AVAILABLE ON P. 219**

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
G-18685 20 mm, overall length 88 mm
G-18690 25 mm, overall length 90 mm
G-18695 31 mm, overall length 95 mm



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
G-18170
curved
G-18171



HALSTEAD
MOSQUITO FORCEPS
serrated
25 mm jaws
overall length 125 mm
straight
G-18180
curved
G-18181



HALSTEAD
MOSQUITO FORCEPS
1 x 2 teeth
serrated
25 mm jaws
overall length 125 mm
straight
G-18185
curved
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**

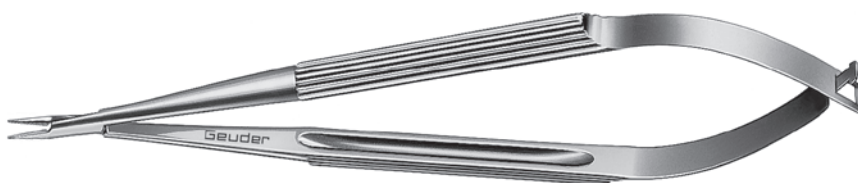
10 mm delicate jaws
 0.8 x 0.55 mm tip
 overall length 120 mm
 curved, without lock
 curved, with lock

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

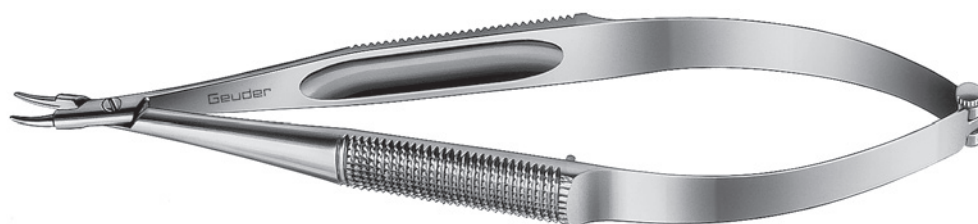
G-17515

G-17516

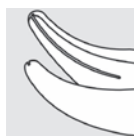


*BARRAQUER***NEEDLE HOLDER**

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



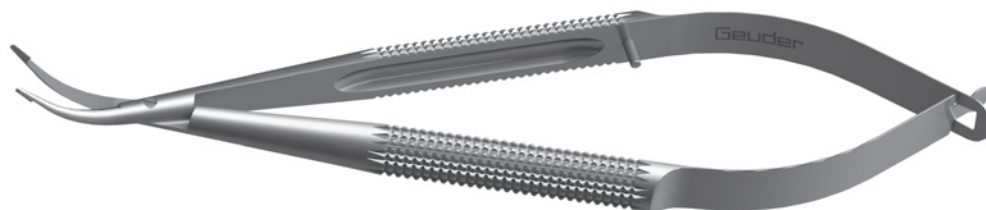
CASTROVIEJO NEEDLE HOLDER

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



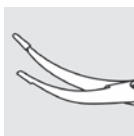
**COMBINED NEEDLE HOLDER / SCISSORS**

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

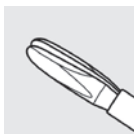
G-17440**G-17441**

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

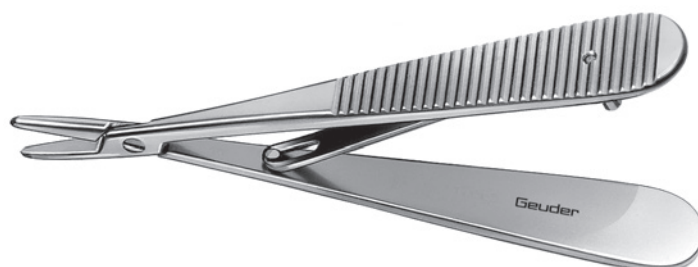


G-17665

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-19300 **RAZOR BLADES**
10 pcs. per box



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



FIXATION RINGS	149
NUCLEUS CHOPPERS	151
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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



G-37425

**FIXATION, HOLDING AND
MEASURING INSTRUMENT**

for trocar system, radius 3.5 mm



FLIERINGA

SCLERAL FIXATION RING

G-15065

15 mm

G-15070

16 mm

G-15075

17 mm

G-15080

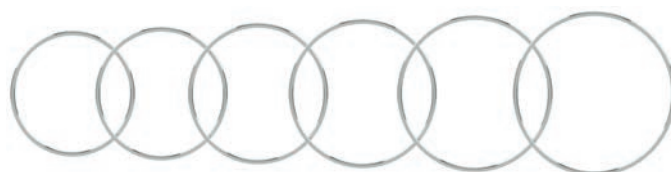
18 mm

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



G-31500

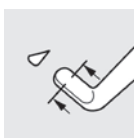
MIYOSHI
NUCLEUS DIVIDING HOOK
1 mm tip, 0.6 mm inner edge
overall length 104 mm
universal

G-31501

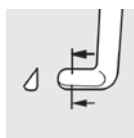
for use in left hand

G-31502

for use in right hand



universal
G-31500



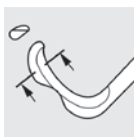
left hand
G-31501



right hand
G-31502

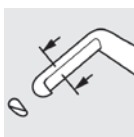
G-31504

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-32500

TOBIAS NEUHANN

CHOPPER

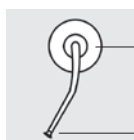
paddle shape nucleus divider

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



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

G-31505

for use in right hand

G-31506

for use in left hand



G-31507

NAGAHARA

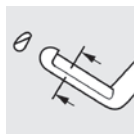
NUCLEUS DIVIDING HOOK

for horizontal chopping techniques

1.5 mm long tip

0.9 mm inner edge

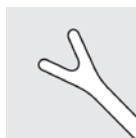
overall length 98 mm



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

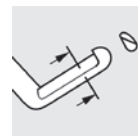
G-32168

THOMAS NEUHANN
SPATULA and
NAGAHARA
NUCLEUS DIVIDING HOOK

combination of
0.5 mm wide phaco spatula and
horizontal phaco chopper
overall length 116 mm



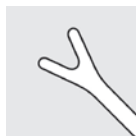
like G-16189



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

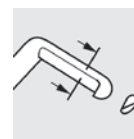
T. KOHNEN

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



LIEBERMANN

MICROFINGER

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



G-16181

G-16182

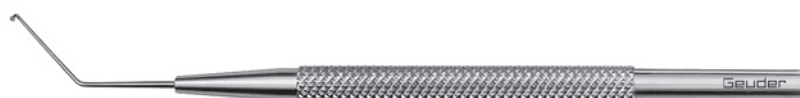
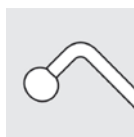


G-31727

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

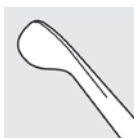


G-16185

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

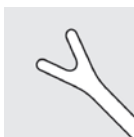


G-32160

THOMAS NEUHANN

NUCLEUS ROTATOR

horizontal Y-shaped rotator and manipulator
0.15 mm diameter tip
overall length 104 mm

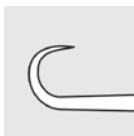


G-32034

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
G-16167

SINSKEY
LENS MANIPULATION HOOK
for 0.2 mm IOL hole
10 mm angled shaft
overall length 103 mm
flat handle
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



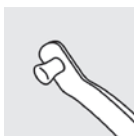
G-32275

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



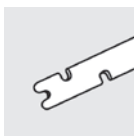
G-16169

TANDOOGAN
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



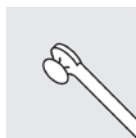
G-32227

LUND

IRIS HOOK

0.8 mm collar button

overall length 105 mm



G-16205

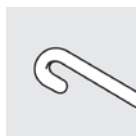
BONN MODEL

IRIS HOOK

extra delicate

0.15 mm diameter hook

overall length 111 mm



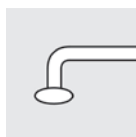
G-31911

FRANKFURT MODEL

IRIS HOOK AND LENS MANIPULATOR

0.65 mm collar button

overall length 135 mm



G-16191

STEINMETZ

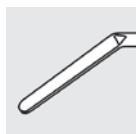
SPATULA

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

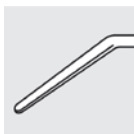
overall length 110 mm



G-32728

RENTSCH
SPATULA

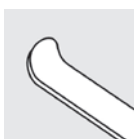
12 mm long spatula
tapered from 0.6 mm to 0.3 mm
overall length 118 mm



G-32005

ENGELS
PHACO SPOON

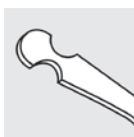
0.6 mm wide round spatula
overall length 86 mm



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



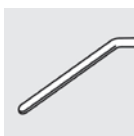
G-16189

SPATULA

12 mm spatula
angled, 45°
overall length 108 mm

G-16190

0.5 mm wide x 0.25 mm thick
1.0 mm wide x 0.25 mm thick

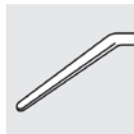


G-32724

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

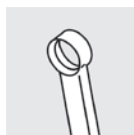


G-32563

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-15745

22 x 16 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



BANGERTER

IRIS SPATULA

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

G-15360

1.0 mm wide

G-15365

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



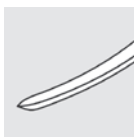
G-15780 *WELLS*
ENUCLEATION SPOON
overall length 147 mm



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

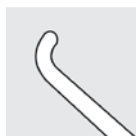
5.5 mm long spatula
for repositing and smoothing
the epithelial flap after laser ablation
overall length 116 mm



G-38607

DESCEMET INCISION HOOK

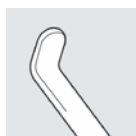
0.2 mm diameter blunt tip
for marking the area of Descemetorhexis
in recipient's eye
overall length 103 mm



G-38608

DESCEMET SCRAPER

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

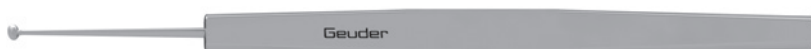


G-38622

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

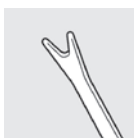


G-33968

HOFFMANN

**FEMTOCATARACT NUCLEUS ROTATOR
AND CHOPPER**

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

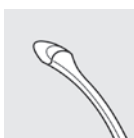


G-33950

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

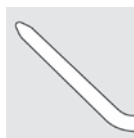


G-33952

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, straight
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

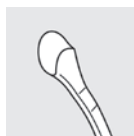


G-33942

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

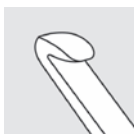


G-33959

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-37450

BONN MODEL

SUTURE TOOL

for scleral sutures



G-19137

CUEPPERS

STRABISMUS MUSCLE TUCKER

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

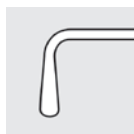


G-32726

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



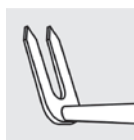
G-32920 *JAMESON*
STRABISMUS HOOK
11 mm, with bulbous tip
overall length 125 mm

G-37435

HATTENBACH

HORSESHOE-HOOK

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

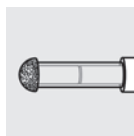


G-37551

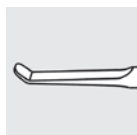
BARTZ-SCHMIDT

ILM-SCRAPER

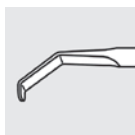
20 gauge / 0.9 mm
diamond dusted tip



MEMBRANE SPATULAS



angled at 1.5 mm
G-37530 20 gauge / 0.9 mm



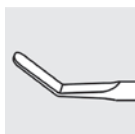
angled at 2 mm and 4 mm
G-37535 20 gauge / 0.9 mm



subretinal pick, angled at 4 mm
G-37545 20 gauge / 0.9 mm



LUCKE
curved
G-37515 20 gauge / 0.9 mm

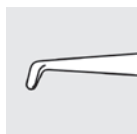


2.5 mm angled
G-37525 20 gauge / 0.9 mm

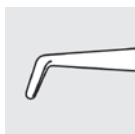


angled at 1 mm, long rakes
G-37570 20 gauge / 0.9 mm

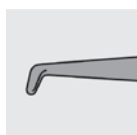
MEMBRANE PEELERS



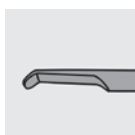
1.0 mm angled
G-37500 20 gauge / 0.9 mm
G-37503 23 gauge / 0.6 mm



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



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

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



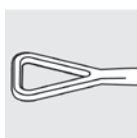
G-15710 *MEYER-SCHWICKERATH*
LOCALIZER AND SCLERAL DEPRESSOR
for fixation and rotation



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

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

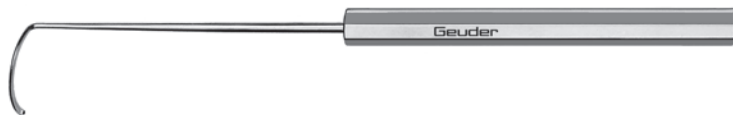
for canalicular repair
0.5 mm suture hole
overall length 95 mm

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

G-150001	size 0000/000
G-150002	size 00/0
G-150003	size 1/2
G-150004	size 3/4
G-150005	size 5/6



BOWMAN

LACRIMAL PROBE

cylindrical, stainless steel
overall length 130 mm

G-150101	size 0000/000
G-150102	size 00/0
G-150103	size 1/2
G-150104	size 3/4
G-150105	size 5/6



BOWMAN

LACRIMAL PROBE

bulbous tips, silver
overall length 130 mm

G-150051	size 0000/000
G-150052	size 00/0
G-150053	size 1/2
G-150054	size 3/4
G-150055	size 5/6



BOWMAN

LACRIMAL PROBE

bulbous tips, stainless steel
overall length 130 mm

G-150151	size 0000/000
G-150152	size 00/0
G-150153	size 1/2
G-150154	size 3/4
G-150155	size 5/6

JUENEMANN

LACRIMAL PROBE

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

G-33193

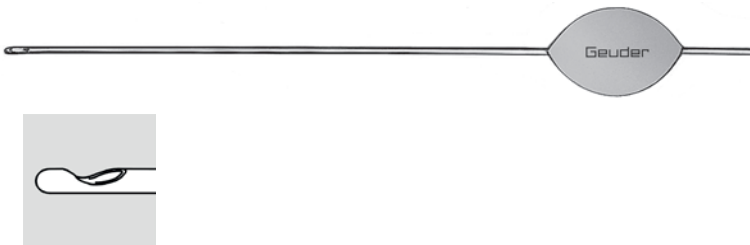
0.6 mm diameter

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
0.30 mm probe diameter
0.25 mm probe diameter

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



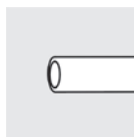
CANNULAS I/A INSTRUMENTS



LACRIMAL	189
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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**

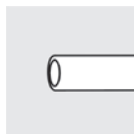
conical, angled at 10 mm
 tapers from 19 to 25 gauge
 25 mm shaft
 silver
 stainless steel

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

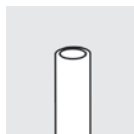
conical, angled at 18 mm
 tapers from 19 to 25 gauge
 25 mm shaft
 silver
 stainless steel

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

straight
 15 mm shaft
 23 gauge / 0.64 mm

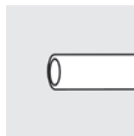
**G-15195***ANEL***LACRIMAL CANNULA**

strongly curved
 16 mm shaft
 23 gauge / 0.64 mm



LACRIMAL CANNULA

- G-33160** cylindrical, straight
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

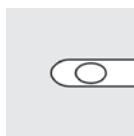


- G-15170** *BONN MODEL*
LACRIMAL CANNULA
with probe tip
1.15 mm diameter olive tip

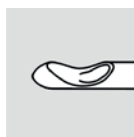


BANGERTER
LACRIMAL PROBE CANNULA

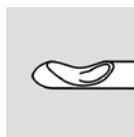
- straight, 0.6 mm side port
G-15271 23 gauge / 0.64 x 60 mm
G-15272 21 gauge / 0.80 x 40 mm
G-15273 23 gauge / 0.64 x 40 mm



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

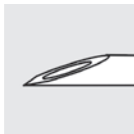


- G-33198** *JUENEMANN*
LACRIMAL PROBE CANNULA
with grip plate
65 mm probe
to insert suture material
21 gauge / 0.8 x 65 mm

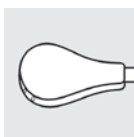


RETROBULBAR INJECTION CANNULA

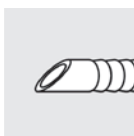
- G-15375** 24 gauge / 0.6 x 60 mm
G-32605 24 gauge / 0.6 x 35 mm
G-32600 25 gauge / 0.5 x 35 mm
G-15376 25 gauge / 0.5 x 50 mm
G-15377 25 gauge / 0.5 x 40 mm



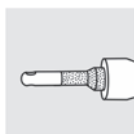
- G-15200** *CRANZ*
EYE DOUCHE
 irrigation through five front ports
 silver



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



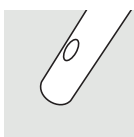
- G-33422** *BONN MODEL*
ANTERIOR CHAMBER INFUSION CANNULA
 self-retaining textured tip
 dual 0.35 mm side ports
 silicone tube 15 cm
 23 gauge / 0.6 mm



- 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



G-15250 G-32166 G-32167 SAUTTER HYDRODISSECTION CANNULA

front opening
flattened tip
vertical, 27 gauge / 0.4 mm
vertical, 26 gauge / 0.45 mm
horizontal, 27 gauge / 0.4 mm



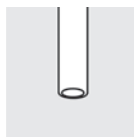
vertical
G-15250
G-32166

horizontal
G-32167



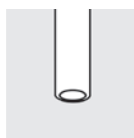
G-32155 TUEBINGEN MODEL HYDRODISSECTION CANNULA

30 gauge / 0.3 mm



G-15185 FRANKFURT MODEL HYDRODISSECTION CANNULA

27 gauge / 0.4 mm



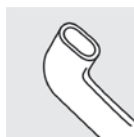
G-31895 HYDRODISSECTION CANNULA

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



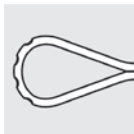
G-15252 G-15253 SPIRIG HYDRODISSECTION CANNULA

for manual lens fragmentation
right
left

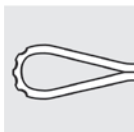


G-16115 IRRIGATION VECTIS CANNULA

4 front ports
 5 mm wide lens loop
 curved

**G-32759 IRRIGATION VECTIS CANNULA**

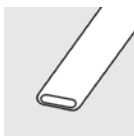
small model
 4 front ports
 4 mm wide lens loop
 curved

**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
 angled right
 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

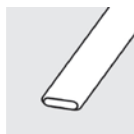


G-15230

BONN MODEL

IRRIGATION CANNULA

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

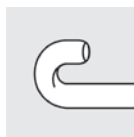


G-16134

BINKHORST

IRRIGATION CANNULA

U-shaped
22 gauge / 0.7 mm
straight
angled right
angled left



G-16135

G-16136

G-32760

G-32765

MUELLER

IRRIGATION CANNULA

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

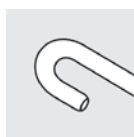


G-16138

RENTSCH

IRRIGATION CANNULA

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

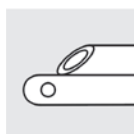


G-16106

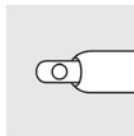
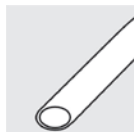
SIMCOE

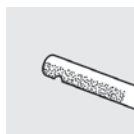
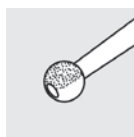
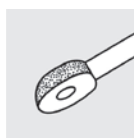
IRRIGATION / ASPIRATION CANNULA

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



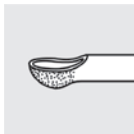
G-16120 **IRRIGATION / ASPIRATION CANNULA
COAXIAL**

 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

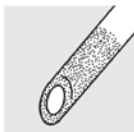

G-32528

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



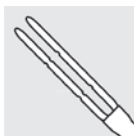
G-32772

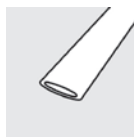
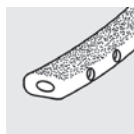
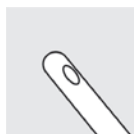
BRAUWEILER
IRRIGATION CANNULA
angled at 13 mm
textured 0.8 mm iris retractor and
capsule polisher
21 gauge / 0.8 mm



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
*KRUMEICH***CORNEAL IRRIGATION CANNULA**
 for big bubble technique during DALK
 angled at 12 mm
 23 gauge / 0.6 mm
 0.4 mm anterior port
 0.4 mm posterior port
**G-15312****G-15314****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

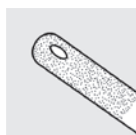


G-22632 *SCHMACK*
 21 gauge / 0.8 mm



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

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

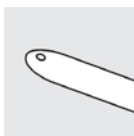


G-22101

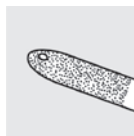
D.D. KOCH - T. KOHNEN
IRRIGATION HANDPIECE
 front opening
 22 gauge / 0.7 mm

**G-22105**

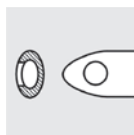
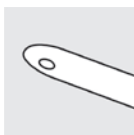
ASPIRATION HANDPIECE
 0.25 mm aspiration port
 conical tip
 oval tube 0.95 x 0.55 mm
 smooth

**G-22106**

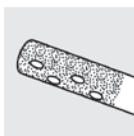
textured

**G-22107**

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

**G-22637**

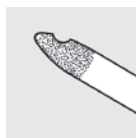
SCHMACK
ASPIRATION HANDPIECE
 4 x 0.15 mm posterior ports
 textured tip
 23 gauge / 0.6 mm



G-32011

ASPIRATION HANDPIECE

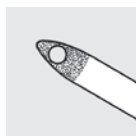
0.3 mm aspiration port
textured, conical tip
21 gauge / 0.8 mm



G-32012

IRRIGATION HANDPIECE

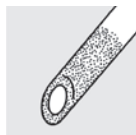
dual 0.5 mm irrigation ports
textured, conical tip
21 gauge / 0.8 mm



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

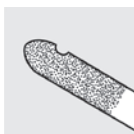
BRAUWEILER
IRRIGATION HANDPIECE
 angled at 12 mm
 front opening
 21 gauge / 0.8 mm

**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 DESCMET 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 DESCMET SCRAPER**

scraper width: 0.8 mm

scraper length: 0.6 mm

rhombic 0.9 x 0.6 mm irrigation tube

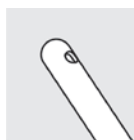
for peripheral scraping of the recipient bed

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**

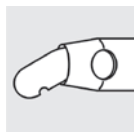
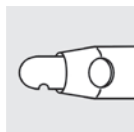
curved, front opening
 tube 23 gauge / 0.6 mm

**PEP 2.2 MM I/A HANDPIECE**

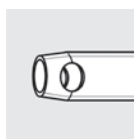
Pure Efficiency Phaco
 for 2.2 mm incisions
 0.3 mm aspiration port
 coaxial I/A straight tip
 coaxial I/A 30° angled tip

G-24318**G-24418**

with G-24311 PEP infusion sleeve

**G-24311****PEP 2.2 MM INFUSION SLEEVE**

Pure Efficiency Phaco
 for 2.2 mm incisions
 purple translucent silicone

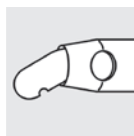
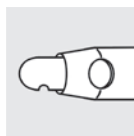


**PEP 2.4 MM I/A HANDPIECE**

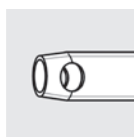
Pure Efficiency Phaco
for 2.4 mm incisions
0.3 mm aspiration port
coaxial I/A straight tip
coaxial I/A 30° angled tip

G-24332**G-24432**

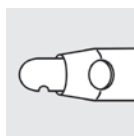
with G-24314 PEP infusion sleeve

**G-24314****PEP 2.4 MM INFUSION SLEEVE**

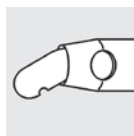
Pure Efficiency Phaco
for 2.4 mm incisions
green translucent silicone

**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**

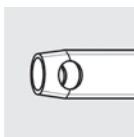
coaxial 30° angled tip
0.3 mm aspiration port
0.35 mm aspiration port
0.4 mm aspiration port



with G-24100 infusion sleeve

G-24100 **INFUSION SLEEVE**

blue silicone
for I/A handpieces



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°

aspiration port 0.5 mm, angled 30°

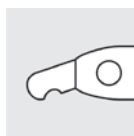
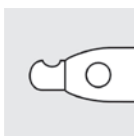
G-22525

G-22527

G-22540

G-22542

G-22545



G-22615

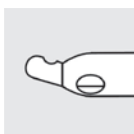
PAPST

I/A HANDPIECE

coaxial 30° angled tip

aspiration port 0.3 mm

infusion tube 18 gauge / 1.3 mm



G-22556

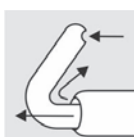
HUNOLD

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**

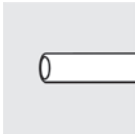
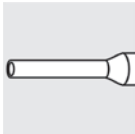
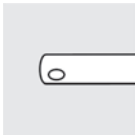
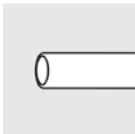
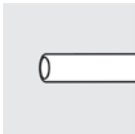
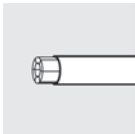
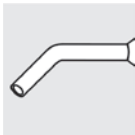
with large silicone chamber
rotatable chuck

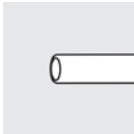
for backflush cannulas G-37010 up to G-37080

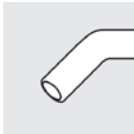
**G-37006****SILICONE CHAMBER**

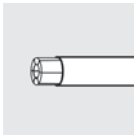
large, for backflush handpiece G-37005

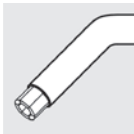


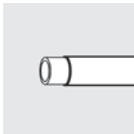
G-33050 G-33054 G-33053	BACKFLUSH CANNULA 35 mm shaft 20 gauge / 0.9 mm 23 gauge / 0.6 mm 25 gauge / 0.5 mm		
G-33070	BACKFLUSH CANNULA 35 mm shaft 20 gauge / 0.9 mm shaft 25 gauge / 0.5 mm tip 3.5 mm tapered tip		
G-33071	BACKFLUSH CANNULA 35 mm shaft 0.5 mm side port 20 gauge / 0.9 mm		
G-33072	<i>LAQUA</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		

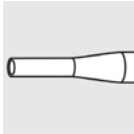
G-37010 G-37011 G-37012	BACKFLUSH TIP		
	35 mm shaft		
	20 gauge / 0.9 mm		
G-37011	23 gauge / 0.6 mm		
	25 gauge / 0.5 mm		

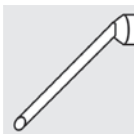
G-37015	BACKFLUSH TIP		
	35 mm shaft		
	angled at 3 mm		
	20 gauge / 0.9 mm		

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		

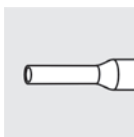
G-37035	BACKFLUSH TIP		
	35 mm shaft		
	0.8 mm silicone tip		
	20 gauge / 0.9 mm		

G-37046	<i>KLEIN</i>		
	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**

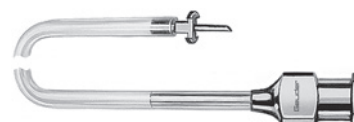
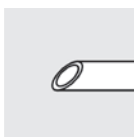
silicone tube 40 cm
 Luer-Lock metal adapter
 20 gauge / 0.9 mm

G-33425

beveled, 4.0 mm (single-use G-33463)

G-33430

beveled, 5.0 mm
 beveled, 6.0 mm

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

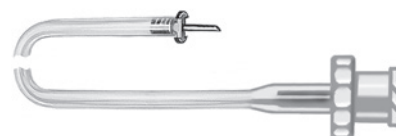
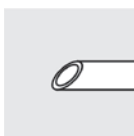
silicone tube 40 cm
 Luer-Lock plastic adapter
 20 gauge / 0.9 mm

G-33451

beveled, 4.0 mm
 beveled, 5.0 mm

G-33452

beveled, 6.0 mm

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

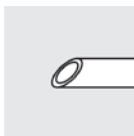
for viscous fluids, without silicone tube
 for butterfly-19 cannula
 20 gauge / 0.9 mm

G-33485

beveled, 4.0 mm
 beveled, 5.0 mm

G-33486

beveled, 6.0 mm

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

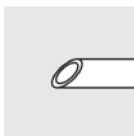
for viscous fluids, without silicone tube
 for butterfly-21 cannula
 20 gauge / 0.9 mm

G-33495

beveled, 4.0 mm
 beveled, 5.0 mm

G-33496

beveled, 6.0 mm

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

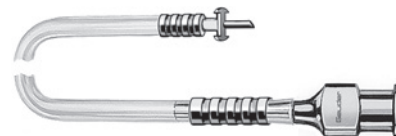
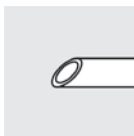
for viscous fluids
 25 cm silicone tube with 2 metal sleeves
 and Luer-Lock adapter
 20 gauge / 0.9 mm

G-32181

beveled, 4.0 mm
 beveled, 5.0 mm

G-32182

beveled, 6.0 mm

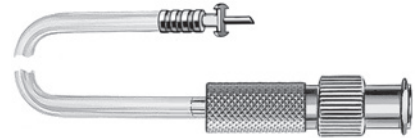
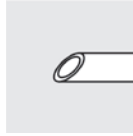


HAMBURG MODEL

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 mm
- G-33471** 20 gauge / 0.9 mm, beveled, 5 mm
- G-33472** 20 gauge / 0.9 mm, beveled, 6 mm
- G-33473** 23 gauge / 0.6 mm, beveled, 4 mm
- G-33474** 23 gauge / 0.6 mm, beveled, 6 mm



G-33475 SPARE SILICONE TUBE

for injection cannulas
25 cm
3 pcs. per box

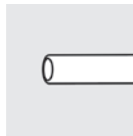


WEBER

ASPIRATION CANNULA

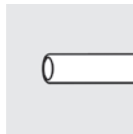
for viscous fluids
inside diameter: 22 gauge / 0.7 mm
outside diameter: 20 gauge / 0.9 mm
5 mm shaft
10 mm shaft

- G-33051**
- G-33052**



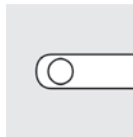
G-37390 ASPIRATION CANNULA

23 gauge / 0.6 mm
10 mm shaft

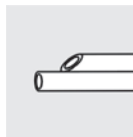


G-33056 ROIDER ASPIRATION CANNULA

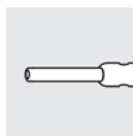
for viscous fluids
0.7 mm side port
19 gauge / 1.0 mm



- 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**

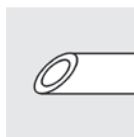
for injection or aspiration of viscous fluids
and Densiron® 68, bevel 30°

G-32699

19 gauge / 1.1 mm

G-32698

18 gauge / 1.2 mm

**STOPPER**

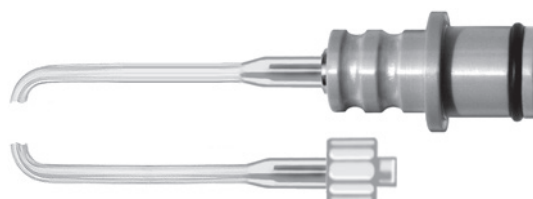
for viscous fluid aspiration
with tube connection for single-use syringe

G-33065

10 ml syringe

G-33066

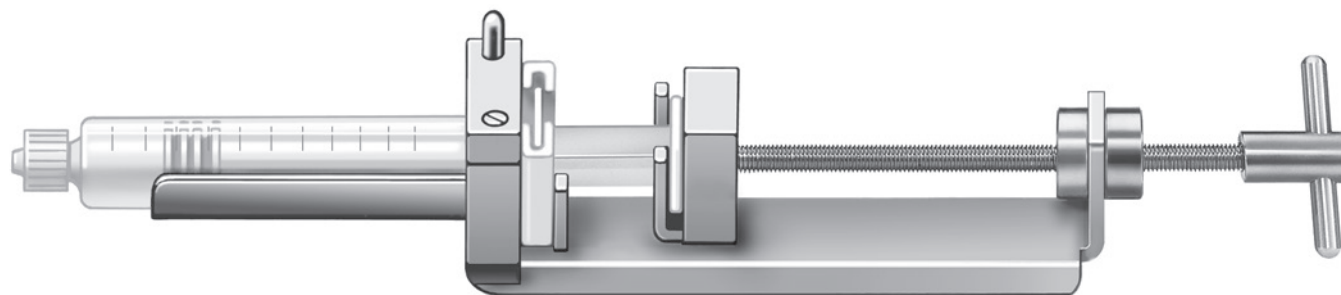
20 ml syringe

**PRESSURE TUBE**

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

G-32697**G-32696**

single use, 10 pcs. per box, sterile

**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



NANOEDGE TREPHINES AND PUNCHES	215
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UNO COLORLINE (SCISSORS · FORCEPS · PROBES · TROCARS · FIBER OPTICS · VITREOUS CUTTERS)	218
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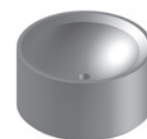
NANOEDGE TREPHINES

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		



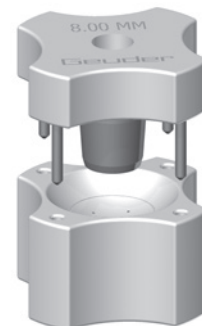
G-500001 **NANOEDGE SINGLE-USE CORNEAL
CUTTING BLOCK**
Teflon, sterile



NANOEDGE TREPHINE PUNCHES

sterile, single-use

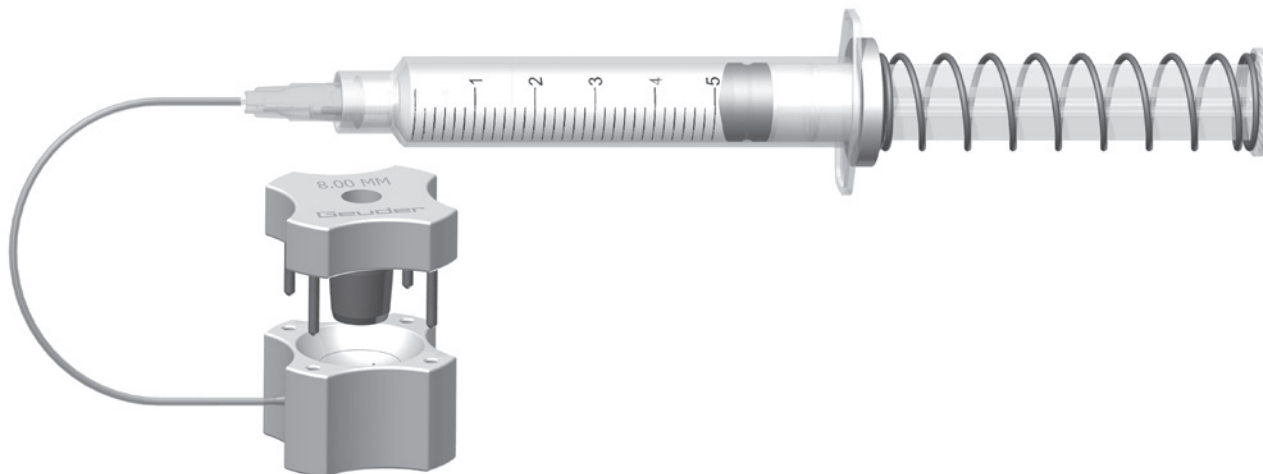
G-540600	6.00 mm	G-540725	7.25 mm	G-540850	8.50 mm
G-540625	6.25 mm	G-540750	7.50 mm	G-540875	8.75 mm
G-540650	6.50 mm	G-540775	7.75 mm	G-540900	9.00 mm
G-540675	6.75 mm	G-540800	8.00 mm	G-540925	9.25 mm
G-540700	7.00 mm	G-540825	8.25 mm	G-540950	9.50 mm



NANOEDGE VACUUM TREPHINE PUNCHES

sterile, single-use

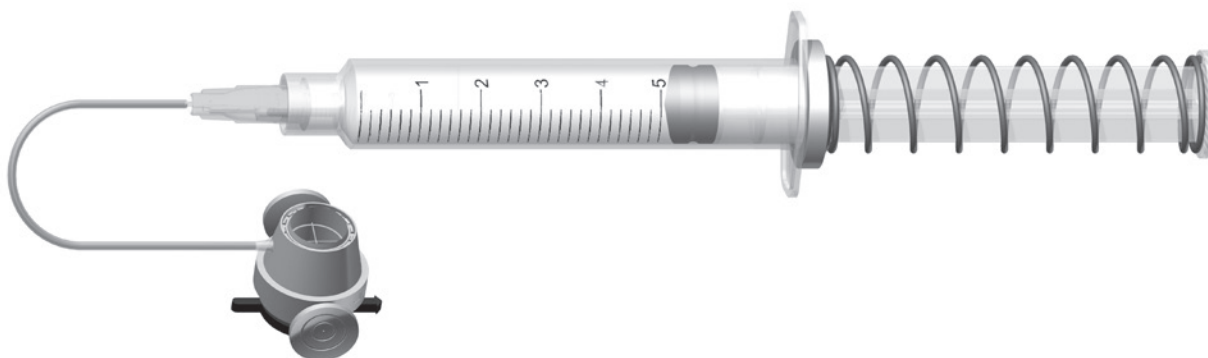
G-560600	6.00 mm	G-560725	7.25 mm	G-560850	8.50 mm
G-560625	6.25 mm	G-560750	7.50 mm	G-560875	8.75 mm
G-560650	6.50 mm	G-560775	7.75 mm	G-560900	9.00 mm
G-560675	6.75 mm	G-560800	8.00 mm	G-560925	9.25 mm
G-560700	7.00 mm	G-560825	8.25 mm	G-560950	9.50 mm



NANOEDGE VACUUM TREPHINE radial

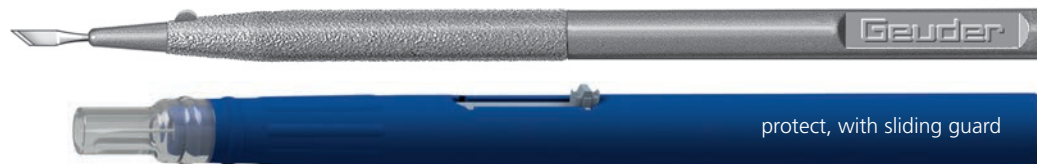
sterile, single-use

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



protect, with sliding guard

NANOEDGE PARACENTESIS KNIVES



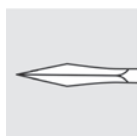
G-34026 15°
G-34064 15° protect
with sliding guard



G-34031 22,5°



G-34036 30°



NANOEDGE MVR STILETT straight
diameter insertable instruments

G-34181 20 gauge / 0.9 mm
G-34192 23 gauge / 0.6 mm
G-34198 25 gauge / 0.5 mm

incision / blade width

1.2 mm
0.8 mm
0.7 mm



NANOEDGE MVR STILETT angled
diameter insertable instruments

G-34191 20 gauge / 0.9 mm
G-34196 23 gauge / 0.6 mm
G-34197 25 gauge / 0.5 mm

incision / blade width

1.2 mm
0.8 mm
0.7 mm



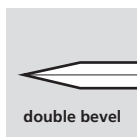
NANOEDGE PHACO SLIT KNIFE
angled, double bevel

G-34050 1.80 mm
G-34051 2.20 mm
G-34052 2.40 mm
G-34053 2.50 mm



CLEAR CORNEA KNIFE
angled, double bevel

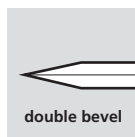
G-34122 2.75 mm
G-34126 3.00 mm



double bevel

G-34054 2.75 mm
G-34055 2.85 mm

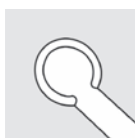
G-34060 2.20 mm, protect, with sliding guard
G-34061 2.40 mm, protect, with sliding guard
G-34062 2.85 mm, protect, with sliding guard



double bevel



NANOEDGE CRESCENT KNIFE
angled, bevel up
G-34081 2.0 mm



NANOEDGE SPOON KNIFE
angled, double bevel
G-34086 2.2 mm



NANOEDGE IMPLANT KNIFE
angled, bevel up
G-34146 6.0 mm

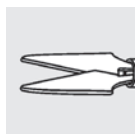
20G RED: 20 GAUGE / 0.9 MM

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



FORCEPS

SINGLE-USE VITREOUS FORCEPS ENDGRIPPING UNO COLORLINE

straight, extra delicate,
endgripping 0.3 mm x 0.1 mm, sterile



G-42041 20G, 1 pcs. per box
G-46041 20G, 6 pcs. per box

G-42341 23G, 1 pcs. per box
G-46341 23G, 6 pcs. per box

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, 0.3 mm x 0.5 mm,
sterile



G-42042 20G, 1 pcs. per box
G-46042 20G, 6 pcs. per box

G-42342 23G, 1 pcs. per box
G-46342 23G, 6 pcs. per box

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 0.3 mm x 2.5 mm,
sterile

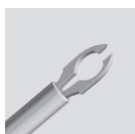


G-42043 20G, 1 pcs. per box

G-42343 23G, 1 pcs. per box
G-46343 23G, 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

20G RED: 20 GAUGE / 0.9 MM

23G GREEN: 23 GAUGE / 0.6 MM

25G BLUE: 25 GAUGE / 0.5 MM

ENDO PROBES

SINGLE-USE ENDO-PROBE S UNO COLORLINE

straight, plug for GEUDER endoTRON, sterile



G-61201 20G, 5 pcs. per box

G-61231 23G, 5 pcs. per box

G-61251 25G, 5 pcs. per box

SINGLE-USE ENDO-PROBE S UNO COLORLINE

straight, plug for IRIDEX® Laser, sterile



G-61204 20G, 5 pcs. per box

G-61234 23G, 5 pcs. per box

G-61254 25G, 5 pcs. per box

SINGLE-USE ENDO-PROBE C UNO COLORLINE

curved, plug for GEUDER endoTRON, sterile



G-61202 20G, 5 pcs. per box

G-61232 23G, 5 pcs. per box

G-61252 25G, 5 pcs. per box

SINGLE-USE ENDO-PROBE C UNO COLORLINE

curved, plug for IRIDEX® Laser, sterile



G-61205 20G, 5 pcs. per box

G-61235 23G, 5 pcs. per box

G-61255 25G, 5 pcs. per box

20G RED: 20 GAUGE / 0.9 MM

23G GREEN: 23 GAUGE / 0.6 MM

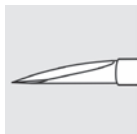
25G BLUE: 25 GAUGE / 0.5 MM

TROCAR SYSTEMS

HATTENBACH / NIKOLIC

SINGLE-USE TROCAR SYSTEM ONE-STEP UNO COLORLINE

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



G-42011 20G, 1 set per box
G-46011 20G, 6 sets per box

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-42019 20G, 1 set (3 pcs.) per box

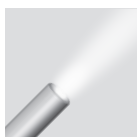
G-42319 23G, 1 set (3 pcs.) per box



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

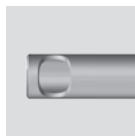
G-42323 23G, 1 pcs. per box
G-46323 23G, 6 pcs. per box

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-34340 **SINGLE-USE EYE SPECULUM**
 with aspiration, 2 x 4 aspiration ports
 fenestrated, open blades
 5 pcs. per box, sterile



SZURMAN

SINGLE-USE DMEK-CARTRIDGE
 for Descemet Membrane Endothelial Keratoplasty
 incl. Tube connection for loading
 the cartridge, sterile

G-38630 incision 3 mm, 14 gauge / 2.0 mm
G-38635 incision 2.4 to 2.75 mm, 16 gauge / 1.6 mm

G-34523 **SINGLE-USE IRIS RETRACTOR**
 for mechanical dilation of the pupil, flexible
 4 iris retractors per set, 2 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-34812

LACRIMAL INTUBATION SET

silicone tubing 0.6 mm
2 probes 110 mm with olive tips
27 gauge / 0.4 mm
3 pcs. per box, sterile



G-34814

DCR LACRIMAL INTUBATION SET

silicone tubing 0.6 mm, 2 probes 45 mm
20 gauge / 0.9 mm
3 pcs. per box, sterile



G-34290

SINGLE-USE LACRIMAL CANNULA

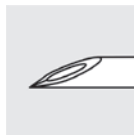
curved 26 gauge / 0.45 x 30 mm
10 pcs. per box, sterile



G-34200

SINGLE-USE RETROBULBAR CANNULA

10 pcs. per box, sterile
25 gauge, 0.5 x 40 mm
26 gauge, 0.45 x 50 mm



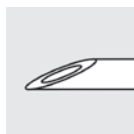
G-34205

G-34210

ATKINSON

SINGLE-USE RETROBULBAR CANNULA

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

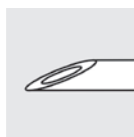


G-34215

G-34220

SINGLE-USE PERIBULBAR CANNULA

25 gauge, 0.5 x 30 mm
10 pcs. per box, sterile



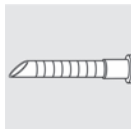
G-34225

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-34230

G-34261*LEWICKY***SINGLE-USE A. C. MAINTAINER**
 20 gauge / 0.9 mm, tip 5 mm
 3 pcs. per box, sterile
**G-34235***RYCROFT***SINGLE-USE A. C. CANNULA**

angled at 5 mm, 45°

10 pcs. per box, sterile

G-34240

20 gauge, 0.9 x 5 + 17 mm

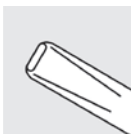
25 gauge, 0.5 x 25 mm

**G-34245***SAUTTER***SINGLE-USE HYDRODISSECTION CANNULA**

vertically flattened

27 gauge / 0.4 x 22 mm

10 pcs. per box, sterile

**G-34270***TUEBINGEN MODEL***SINGLE-USE HYDRODISSECTION CANNULA**

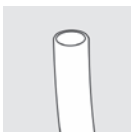
30 gauge / 0.3 x 22 mm

10 pcs. per box, sterile

**G-34271***FRANKFURT MODEL***SINGLE-USE HYDRODISSECTION CANNULA**

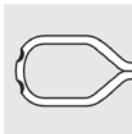
27 gauge / 0.4 mm

10 pcs. per box, sterile



G-34265 SINGLE-USE IRRIGATION VECTIS CANNULA

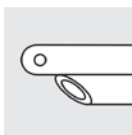
doube port
25 gauge / 0.5 mm
10 pcs. per box, sterile

**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**

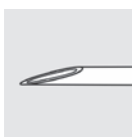
for viscocanalostomy
26 gauge / 0.45 mm shaft
35 gauge / 0.21 mm angled tip
5 mm tapered tube
5 pcs. per box, sterile

**G-34335 SINGLE-USE IRRIGATION CANNULA**

for topical irrigation
with bulbous tip, straight
length 60 mm, 3 mm diameter tip
50 pcs. per box, sterile

**G-80975 SINGLE-USE INJECTION CANNULA**

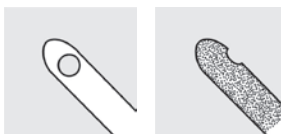
for EasyGas®
30 gauge / 0.3 x 12 mm
100 pcs. per box, sterile



**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**

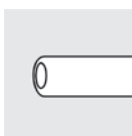
with silicone chamber, Luer-Lock
10 pcs. per box, sterile

**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
5 pcs. per box, sterile

G-34291

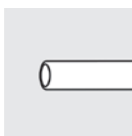
20 gauge / 0.9 mm

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

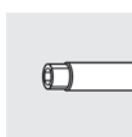
20 gauge / 0.9 mm

G-34294

23 gauge / 0.6 mm

G-34297

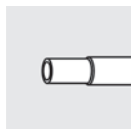
25 gauge / 0.5 mm



SINGLE-USE BACKFLUSH CANNULA

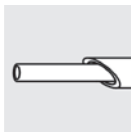
with silicone tip
 5 pcs. per box, sterile
 20 gauge / 0.9 mm
 23 gauge / 0.6 mm
 25 gauge / 0.5 mm

G-34292
G-34295
G-34298

**SINGLE-USE PFCL CANNULA**

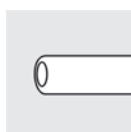
for injection of heavy fluids
 dual bore, coaxial
 23 gauge / 0.64 mm
 10 pcs. per box, sterile

G-34285

**SINGLE-USE CANNULA**

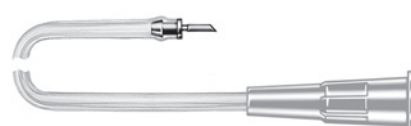
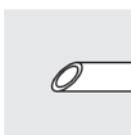
to inject silicone oil
 10 pcs. per box, sterile
 20 gauge / 0.9 mm x 8 mm
 23 gauge / 0.6 mm x 8 mm

G-34497
G-34498

**SINGLE-USE INJECTION CANNULA**

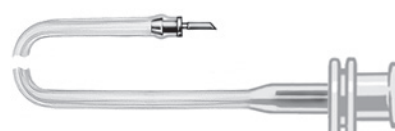
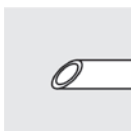
for viscous fluids, self-retaining, 4.0 mm tip
 with 25 cm PVC tube
 Luer-Lock plastic adapter
 20 gauge / 0.9 mm
 5 pcs. per box, sterile

G-33482

**SINGLE-USE INFUSION CANNULA**

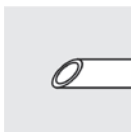
self-retaining, 4.0 mm tip
 with 25 cm silicone tube
 Luer-Lock plastic adapter
 20 gauge / 0.9 mm
 5 pcs. per box, sterile

G-33463

**SINGLE-USE INFUSION CANNULA**

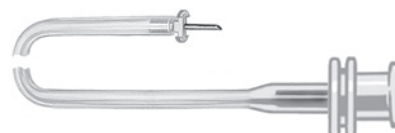
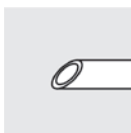
with 25 cm silicone tube
 Luer-Lock plastic adapter
 20 gauge / 0.9 mm
 5 pcs. per box, sterile
 beveled tip, 4.0 mm
 beveled tip, 6.0 mm

G-33468
G-33469

**SINGLE-USE INFUSION CANNULA**

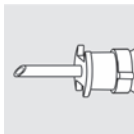
4.0 mm beveled tip
 with 25 cm PVC tube
 Luer-Lock plastic adapter
 25 gauge / 0.5 mm
 10 pcs. per box, sterile

G-33462

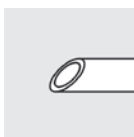


SINGLE-USE INJECTION CANNULA

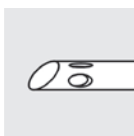
for viscous fluids
 with 1 metal sleeve, Luer-Lock plastic adapter
 and 25 cm PVC tube
 20 gauge / 0.9 mm
 5 pcs. per box, sterile
G-33488 beveled tip, 4.0 mm
G-33489 beveled tip, 6.0 mm

**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

**G-34492***KIRCHHOF***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

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

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

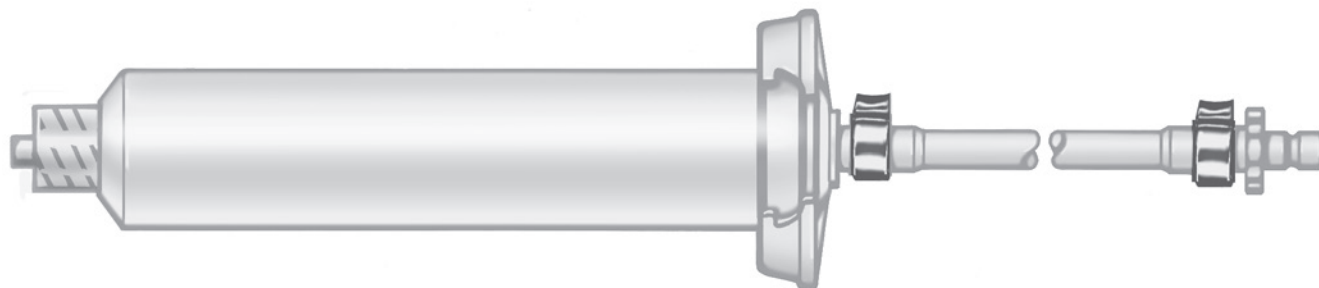
**G-31891****SINGLE-USE SYRINGE**

Luer-Lock, 10 ml, sterile

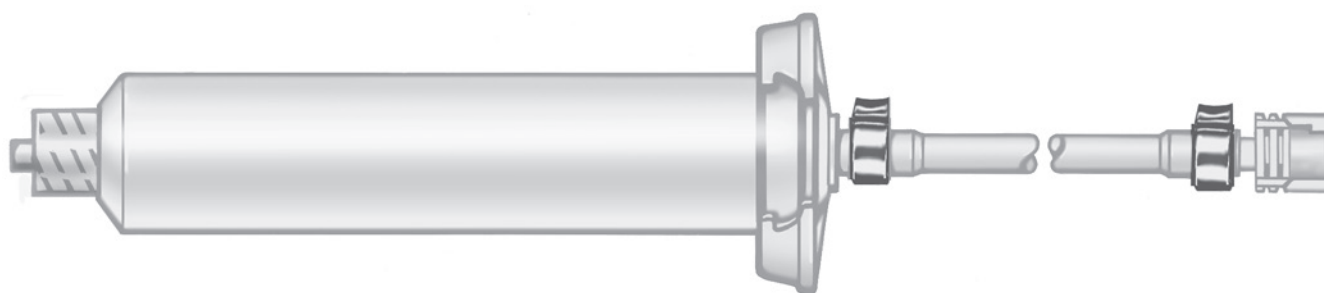
**G-31520****SINGLE-USE MINI FILTER**

0.1 µm, sterile

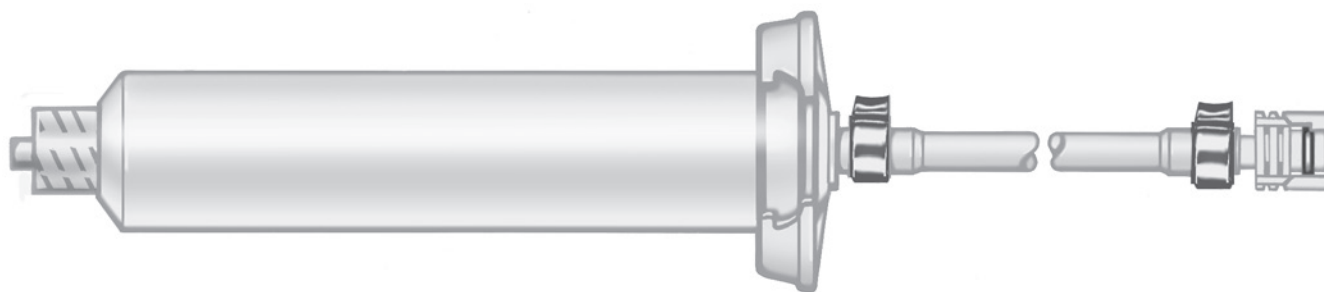




G-28766 **SINGLE-USE OIL INJECTION SYSTEM**
to inject silicone oil pneumatically,
with protective cover for glass syringe,
pressure tube fits megaTRON® S3 / S4 HPS and
Pentasy® 2, sterile

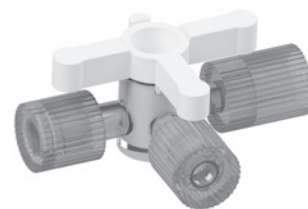


G-28767 **SINGLE-USE OIL INJECTION SYSTEM**
to inject silicone oil pneumatically,
with protective cover for glass syringe,
pressure tube fits megaTRON® and Accurus®, sterile



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

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



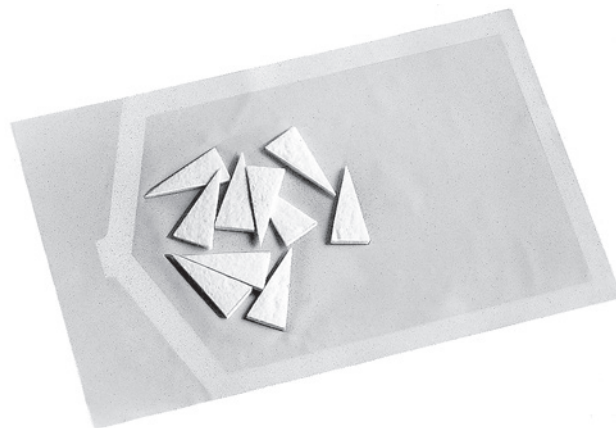
- G-32700** **SCALPEL HANDLE**



- SCALPEL SURGICAL BLADES**
100 pcs. per box, sterile
- G-32705** #11, curved cutting edge
G-32710 #15, straight edge and pointed tip



- G-18127** **ABSORBENT SWABS**
17 mm long
box of 20 pouches
10 swabs per pouch
sterile

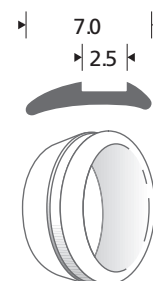


- G-33786** **MARKING PEN**
gentian violet
dual tip, fine and broad
to ink corneal instruments
20 pcs. per box, sterile

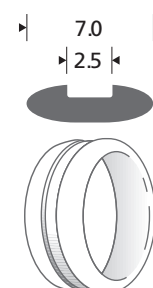


G-34602 SILICONE TIRE (276 STYLE)

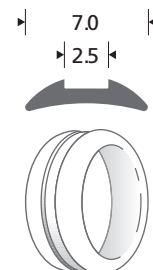
asymmetrical, 7.0 mm wide
2.5 mm groove
5 pcs. per box, sterile

**G-34610 SILICONE TIRE (287 STYLE)**

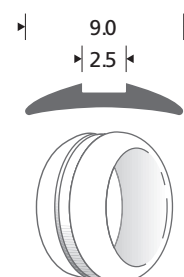
convex, 7.0 mm wide
2.5 mm groove
5 pcs. per box, sterile

**G-34616 SILICONE TIRE (277 STYLE)**

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

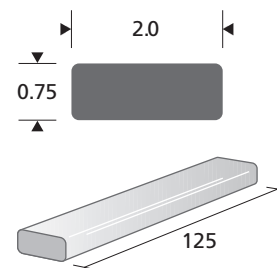
**G-34618 SILICONE TIRE (279 STYLE)**

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

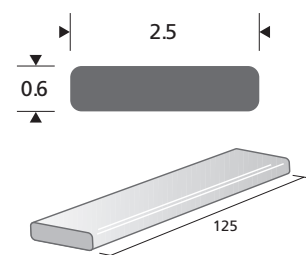


G-34620 SILICONE CIRCLING BAND (40 STYLE)

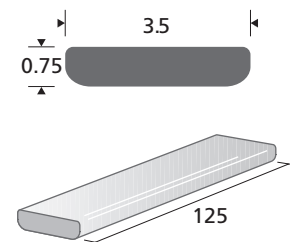
0.75 mm x 2.0 mm
 125 mm long
 5 pcs. per box, sterile

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

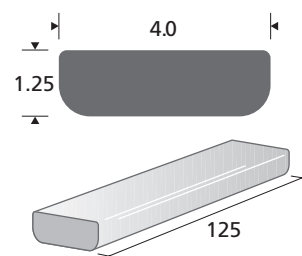
0.6 mm x 2.5 mm
 125 mm long
 5 pcs. per box, sterile

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

0.75 mm x 3.5 mm
 125 mm long
 5 pcs. per box, sterile

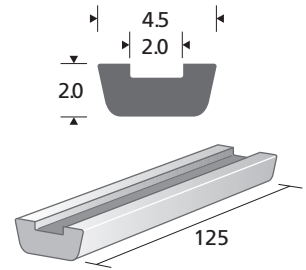
**G-34626 SILICONE STRIP (42 STYLE)**

1.25 mm x 4.0 mm
 125 mm long
 5 pcs. per box, sterile

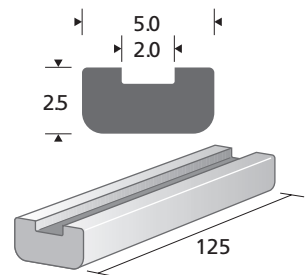


G-34632 GROOVED SILICONE STRIP (31 STYLE)

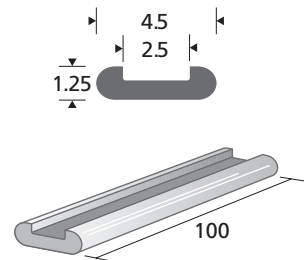
2.0 mm x 4.5 mm
125 mm long, 2.0 mm groove
5 pcs. per box, sterile

**G-34634 GROOVED SILICONE STRIP (32 STYLE)**

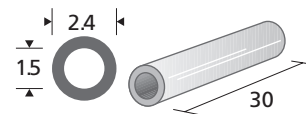
2.5 mm x 5.0 mm
125 mm long, 2.0 mm groove
5 pcs. per box, sterile

**G-34636 GROOVED SILICONE STRIP (219 STYLE)**

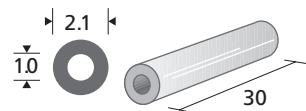
1.25 mm x 4.5 mm
100 mm long, 2.5 mm groove
5 pcs. per box, sterile

**G-34644 SILICONE SLEEVE (72 STYLE)**

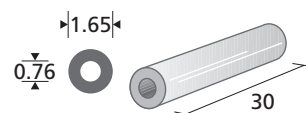
1.5 mm inside diameter
2.4 mm outside diameter
30 mm long
5 pcs. per box, sterile

**G-34642 SILICONE SLEEVE (70 STYLE)**

1.0 mm inside diameter
2.1 mm outside diameter
30 mm long

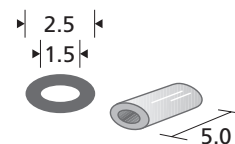
**G-34646 SILICONE SLEEVE (270 STYLE)**

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

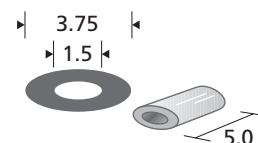


G-34645 OVAL SILICONE SLEEVE (3083 STYLE)

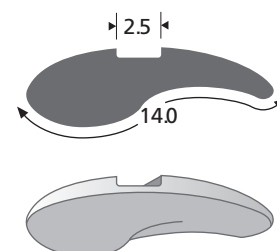
1.5 mm inside diameter
 2.5 mm outside diameter
 5 mm long
 5 pcs. per box, steril

**G-34647 OVAL SILICONE SLEEVE (3084 STYLE)**

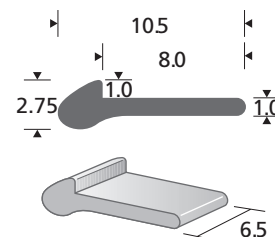
1.5 mm inside diameter
 3.75 mm outside diameter
 5 mm long
 5 pcs. per box, steril

**G-34654 SILICONE WEDGE (137 STYLE)**

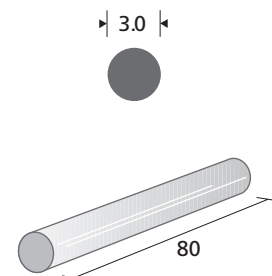
2.5 mm groove
 5 pcs. per box, sterile

**G-34650 MERIDIONAL SILICONE IMPLANT (106 STYLE)**

6.5 mm wide
 10.5 mm long
 5 pcs. per box, sterile

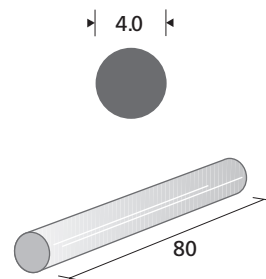
**G-34656 ROUND SILICONE SPONGE IMPLANT (503 STYLE)**

3.0 mm diameter
 80 mm long
 5 pcs. per box, sterile

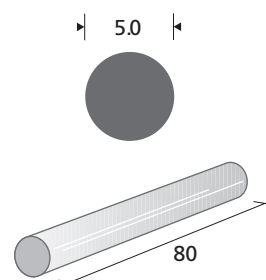


G-34658 ROUND SILICONE SPONGE IMPLANT (504 STYLE)

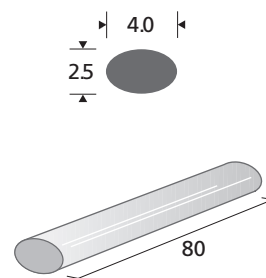
4.0 mm diameter
80 mm long
5 pcs. per box, sterile

**G-34660 ROUND SILICONE SPONGE IMPLANT (505 STYLE)**

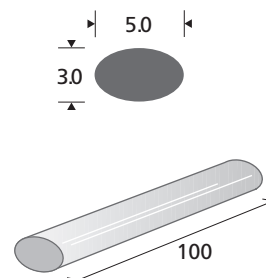
5.0 mm diameter
80 mm long
5 pcs. per box, sterile

**G-34664 OVAL SILICONE SPONGE IMPLANT (501 STYLE)**

2.5 mm x 4.0 mm
80 mm long
5 pcs. per box, sterile

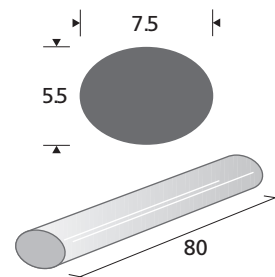
**G-34666 OVAL SILICONE SPONGE IMPLANT (506 STYLE)**

3.0 mm x 5.0 mm
100 mm long
5 pcs. per box, sterile

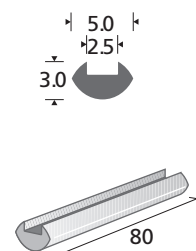


G-34668 OVAL SILICONE SPONGE IMPLANT (507 STYLE)

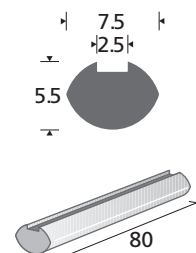
5.5 mm x 7.5 mm
 80 mm long
 5 pcs. per box, sterile

**G-34672 GROOVED SILICONE SPONGE IMPLANT (506G STYLE)**

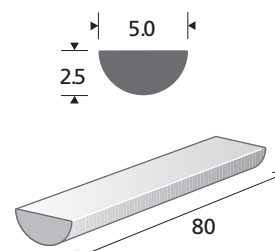
3.0 mm x 5.0 mm
 80 mm long, 2.5 mm groove
 5 pcs. per box, sterile

**G-34674 GROOVED SILICONE SPONGE IMPLANT (507G STYLE)**

5.5 mm x 7.5 mm
 80 mm long, 2.5 mm groove
 5 pcs. per box, sterile

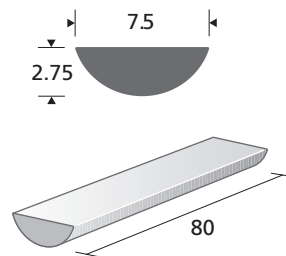
**G-34684 SEMI-CIRCULAR SILICONE SPONGE IMPLANT (510 STYLE)**

2.5 mm x 5.0 mm
 80 mm long
 5 pcs. per box, sterile

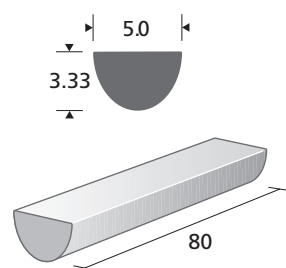


G-34686 SEMI-OVAL SILICONE SPONGE IMPLANT (511 STYLE)

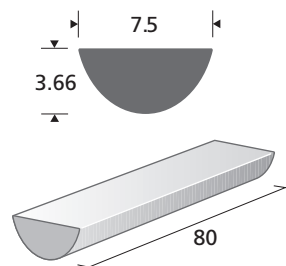
2.75 mm x 7.5 mm
80 mm long
5 pcs. per box, sterile

**G-34688 SEMI-OVAL SILICONE SPONGE IMPLANT (515 STYLE)**

3.33 mm x 5.0 mm
80 mm long
5 pcs. per box, sterile

**G-34690 SEMI-OVAL SILICONE SPONGE IMPLANT (517 STYLE)**

3.66 mm x 7.5 mm
80 mm long
5 pcs. per box, sterile

**G-34710 BONN INJECTION SET**

single-use set for intravitreal injection
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



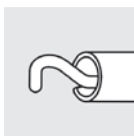
MISCELLANEOUS



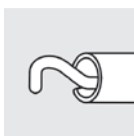
CAPSULE TENSION RING INJECTORS	241
PUPIL DILATOR INJECTOR	241
LACRIMAL / DCR	242
LASEK	243
DIAMOND BURR	244
VITRECTOMY LENSES	244
EYE SHIELD	245
EYE SPHERES	245
CAUTERY	246

**G-32955****INJECTOR**

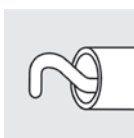
for capsular tension ring
shaft diameter 1.2 mm
for 1.9 mm incisions
shaft length 30 mm
overall length 156 mm

**G-32960****INJECTOR**

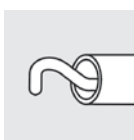
for *MORCHER* capsular tension ring
shaft diameter 1.2 mm
for 1.9 mm incisions
shaft length 30 mm
overall length 156 mm

**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



G-32355 **NASAL SPECULUM**
overall length 150 mm



G-33125 *MEAD*
HAMMER
300 g, lead filled
overall length 190 mm



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 *ELSA*
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
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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
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G-36050 **SILICONE REPLACEMENT RING**
 for lenses from G-36010 to G-36035



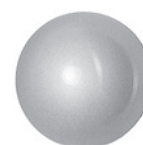
G-36065 **LENS HANDLE RING**
 for lenses without silicone ring
 to suture on to sclera
 for G-36000



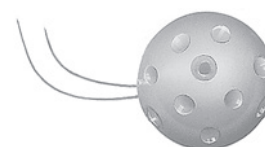
G-31105 **EYESHIELD**
 plastic, transparent for use on both eyes
 100 pcs. per bag



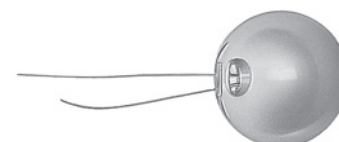
CIBIS
EYE SPHERE
G-20216 16 mm
G-20217 17 mm
G-20218 18 mm
G-20219 19 mm
G-20220 20 mm



HARMS
EYE SPHERE
G-20316 16 mm
G-20317 17 mm
G-20318 18 mm
G-20319 19 mm
G-20320 20 mm



WALSER
EYE SPHERE
G-20416 16 mm
G-20417 17 mm
G-20418 18 mm
G-20419 19 mm
G-20420 20 mm



G-19820

BATTERY CAUTERY

with spare tip
and batteries
overall length with
spare tip 155 mm



9/10

G-19825

SPARE TIP

for battery cautery G-19820
overall length 50 mm

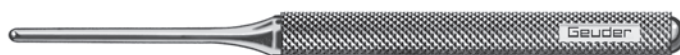


G-31900

KUHN

INTRAOCULAR MAGNET

30 mm shaft, 1.9 mm outside diameter
4 mm magnetic tip
overall length 90 mm



STERILIZATION CONTAINERS AND ADAPTERS



MICROSTOP [®]	249
STEEL CASES	252
TRAYS & RACKS FOR STEEL CASES	256
SILICONE STRIPS & MATS	257
SMALL CASES	258
STERISAFE [®] DURO	259
ADAPTERS	264

G-39745
MICROSTOP®
CONTAINER LOW

 for one tray
 outside dimensions: 310 x 189 x 70 mm
 inside dimensions: 283 x 177 x 50 mm
**G-39750**
MICROSTOP®
CONTAINER HIGH

 for two trays
 outside dimensions: 310 x 189 x 90 mm
 inside dimensions: 283 x 177 x 70 mm

MICROSTOP®
TRAY MINI

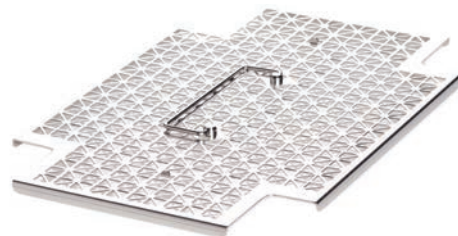
 29 mm, low
 size: 277 x 172 x 29 mm
 without lid
 with lid
G-39783**G-39786**
MICROSTOP®
TRAY MINI

 38 mm, high
 size: 277 x 172 x 38 mm
 without lid
 with lid
G-39785**G-39784**

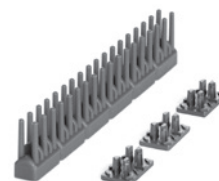
MICROSTOP®

18

G-39787 **MICROSTOP®**
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-39782 29 mm, low
G-39789 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

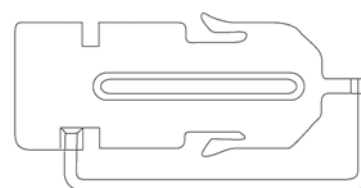


MICROSTOP®
LOGISTIC FRAME
 for lid to use with labels

- 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-39680** **PROTOCOL CARDS**
 for ERGO-SAFE tray
 320 pcs. per box



G-19822

STERILIZATION CASE

- for steam sterilization
- outside dimensions: 220 x 165 x 55 mm
- textile filter in lid and base
- silicone seal
- perforated insert without edge
- perforated silicone tray G-32785
- 2 labels with clamp



G-19823

STERILIZATION CASE

- for steam sterilization
- outside dimensions: 220 x 165 x 75 mm
- textile filter in lid and base
- silicone seal
- perforated insert without edge
- perforated silicone tray G-32785
- 2 labels with clamp



G-28151

STERILIZATION CASE

- for steam sterilization
- outside dimensions: 300 x 220 x 75 mm
- textile filter in lid and base
- silicone seal
- perforated insert without edge
- 3 silicone burl strips
- 2 silicone paddings in lid
- 2 labels with clamp



G-28150

STERILIZATION CASE

- for steam sterilization
- outside dimensions: 300 x 220 x 75 mm
- textile filter in lid and base
- silicone seal in the lid
- perforated insert with edge, subdivided, with perforated silicone plate and perforated silicone tray
- silicone insert, small, with perforated silicone tray
- 2 labels with clamp



G-19876**STERILIZATION CASE**

- for steam sterilization
 outside dimensions: 300 x 220 x 55 mm
 - textile filter in lid and base
 - silicone seal
 - perforated insert without edge
 - 3 silicone burl strips
 - 2 silicone paddings in lid
 - 2 labels with clamp

**G-19856****STERILIZATION CASE**

- for steam sterilization
 outside dimensions: 300 x 220 x 55 mm
 - paper filter with quick-clasp in lid and base
 - silicone seal in the lid
 - without insert and profile strips
 - 2 labels with clamp

**G-19843****STERILIZATION CASE**

- for steam sterilization
 outside dimensions: 300 x 220 x 75 mm
 - textile filter in lid and base
 - silicone seal
 - perforated insert with edge
 - perforated silicone plate
 - perforated insert without edge
 - 3 silicone burl strips
 - 2 silicone paddings in lid
 - 2 labels with clamp



G-19842

STERILIZATION CASE

- for steam sterilization
- outside dimensions: 300 x 220 x 75 mm
- textile filter in lid and base
- silicone seal in the lid
- perforated insert with edge and perforated silicone plate
- perforated insert with edge perforated silicone plate and silicone instrument tray
- 2 labels with clamp



G-19877

STERILIZATION CASE

- for steam sterilization
- outside dimensions: 400 x 290 x 55 mm
- textile filter in lid and base
- silicone seal
- perforated insert without edge
- 4 silicone burl strips
- 3 silicone paddings in lid
- 2 labels with clamp



G-19892

STERILIZATION CASE

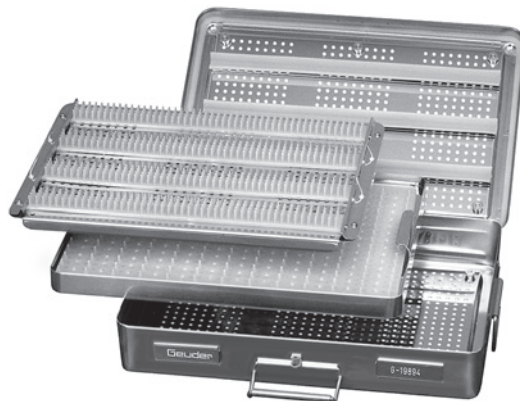
- for steam sterilization
- outside dimensions: 400 x 290 x 70 mm
- textile filter in lid and base
- silicone seal in the lid
- 2 perforated inserts without edge with 4 silicone nap strips each
- 3 silicone profile strips at the base of the upper perforated insert
- 3 silicone profile strips in the lid
- 2 labels with clamp



G-19894

STERILIZATION CASE

- for steam sterilization
outside dimensions: 400 x 290 x 70 mm
- textile filter in lid and base
 - silicone seal in the lid
 - perforated insert without edge with 4 silicone nap strips
 - perforated insert with edge and silicone nap plate
 - 3 silicone profile strips in the lid
 - 2 labels with clamp



G-19890

STERILIZATION CASE

- for steam sterilization
outside dimensions: 495 x 270 x 70 mm
- textile filter in lid and base
 - silicone seal in the lid
 - perforated insert with edge 4 silicone nap strips and lateral compartment (240 x 110 x 40 mm),
 - 3 silicone profile strips in the lid
 - 2 labels with clamp



PERMANENT TEXTILE FILTER

for steam sterilization cases

G-31650

for G-19822, G-19823

G-31651

for G-19841, G-19842, G-19843, G-19876, G-28150, G-28151

G-31652

6 perforations, for G-19877, G-19892, G-19894

G-31656

for G-19877

G-31661

for G-19890



G-31649

INDICATOR

for steam sterilization, slim
1000 pcs. per box



G-32675

SILICONE TRAY

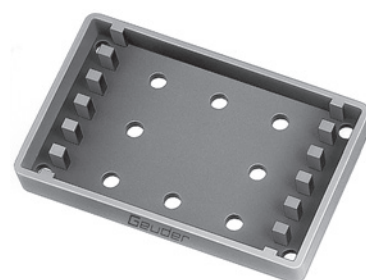
with bottom
outside dimensions: 160 x 85 x 20 mm



G-32660

STERILIZATION RACK

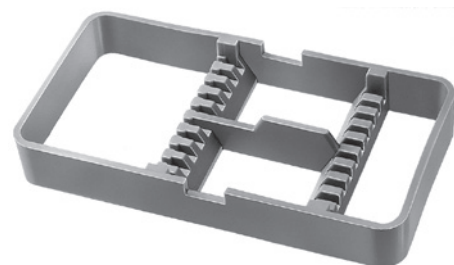
for 12 cannulas, silicone
outside dimensions: 85 x 56 x 8 mm



G-19870

STERILIZATION RACK

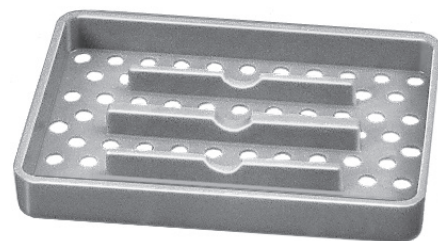
for 10 instruments with handle, silicone
outside dimensions: 160 x 85 x 20 mm



G-32785

SILICONE PERFORATED TRAY

outside dimensions: 194 x 135 x 24 mm



G-39650**STERILIZATION CASE**

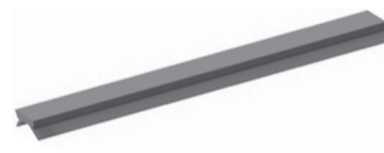
for steam sterilization, plastic
 for 6 vitreoretinal instruments
 outside dimensions: 210 x 130 x 26 mm

**G-32676****SILICONE NAP STRIP BLUE**

340 x 30 mm

**G-32677****SILICONE STRIP BLUE**

350 mm long

**SILICONE BURL MAT**

perforated

G-19866

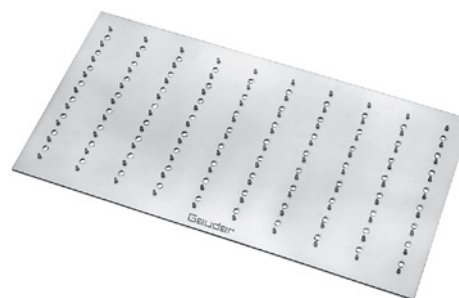
240 x 230 mm

G-19865

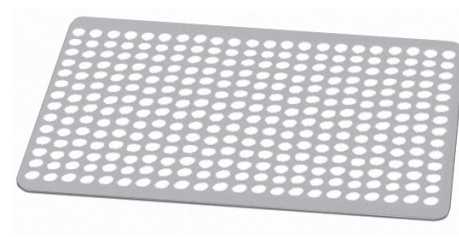
300 x 150 mm

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-19843,
 G-19846, G-19847



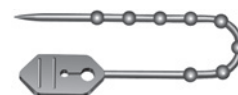
G-31657 **SAFETY SEAL**
for steam sterilization cases
100 pcs. per box



G-31659 **SEAL**
for hot-air sterilization cases
100 pcs. per box



G-32695 **SILICONE CLOSURE**
17 cm long



G-33080 **STERILIZATION CASE**
for steam sterilization, plastic, for 5 instruments with handle
outside dimensions: 160 x 85 x 20 mm



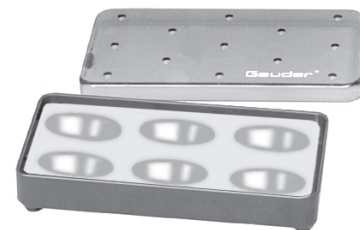
G-33090 **STERILIZATION CASE**
for one instrument or diamond knife, plastic
outside dimensions: 160 x 60 x 20 mm



G-33100 **STERILIZATION CASE**
for one vitreoretinal instrument, plastic
outside dimensions: 195 x 60 x 25 mm



- G-36090** **STERILIZATION CASE**
plastic, for 6 vitreoretinal lenses



- 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

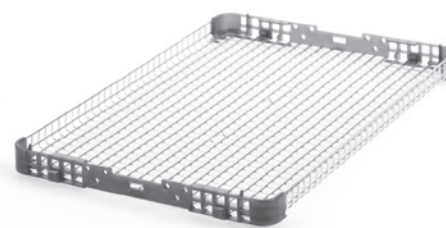
inside dimensions: 249 x 157 x 23 mm



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

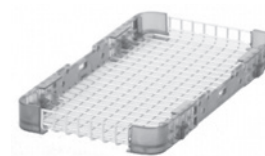
inside dimensions: 156 x 80 x 23 mm



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



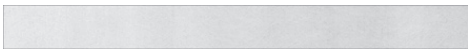
G-39546 **STERISAFE[®] SILICONE RETAINER STRIP 145**
for Sterisafe[®] DURO A4 and A6
length: 145 mm



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

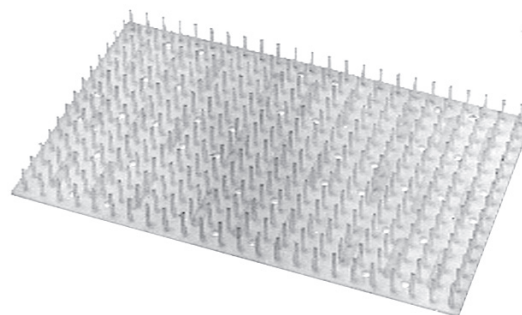
Steri.- Datum/Date	
Name	
	Dampf (braun)  Steam (brown)

STERISAFE[®] DURO

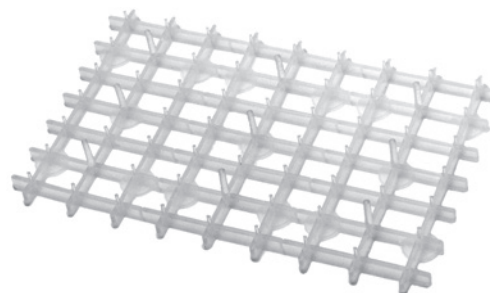
G-39540 **SECURITY SEAL**
100 pcs. per box



G-39502 **STERISAFE® SILICONE BURL MAT** A4
G-39512 A6



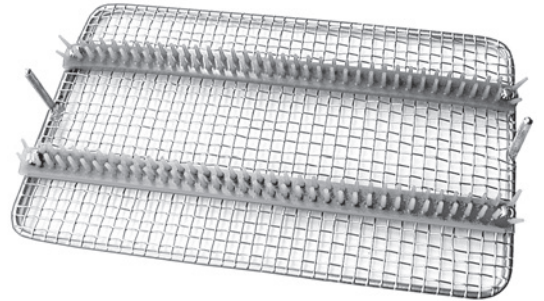
G-39503 **STERISAFE® SILICONE GRID INSERT** A4
G-39513 A6



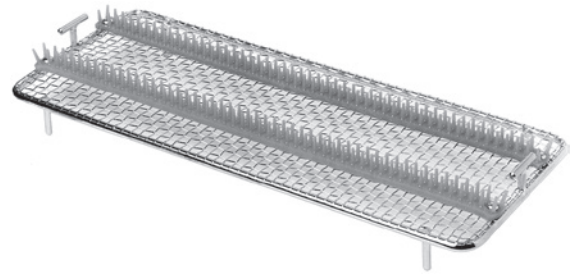
G-39504 **STERISAFE® METAL GRID INSERT** A4
G-39514 A6



G-39505 **STERISAFE[®] METAL GRID INSERT**
with 2 silicone burl strips



G-31670 **MELAG METAL GRID INSERT**
with 2 silicone nap strips
outside dimensions: 370 x 147 x 50 mm
for MELAG sterilizing case



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 **ASPIRATION ADAPTER**
metal
for cleaning I/A handpieces
Luer-Lock female / female



G-31026 **ASPIRATION 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 eye specula with aspiration
 G-33141, G-33142 and G-33143



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



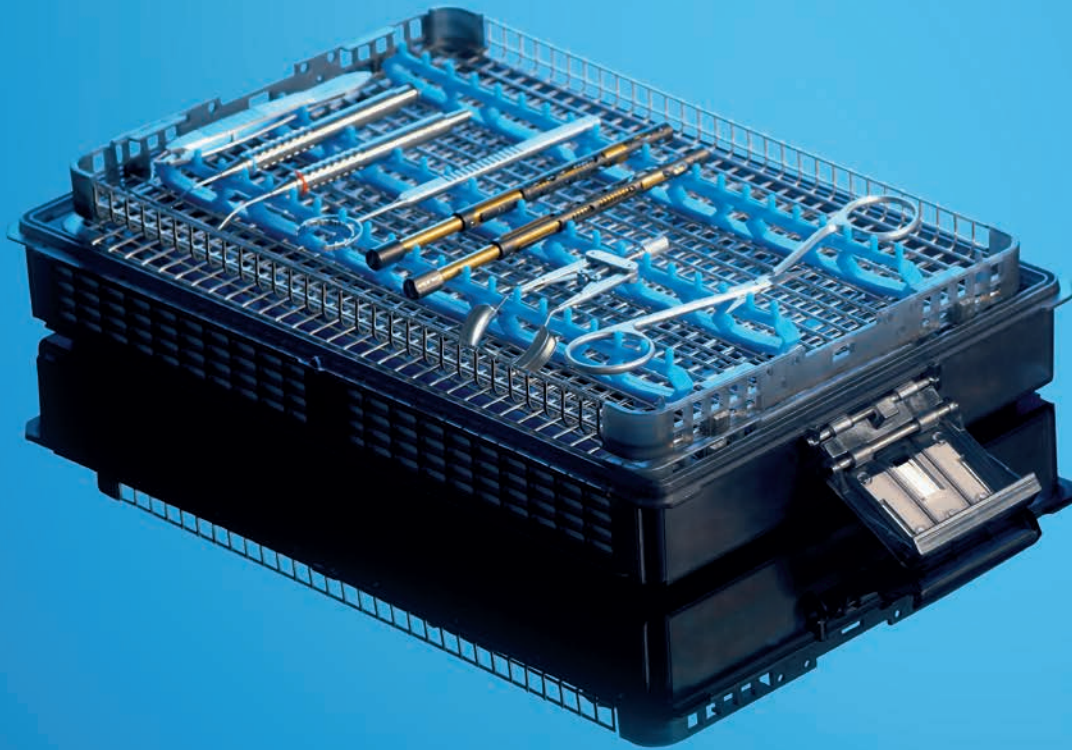
G-36604 **CLEANING ADAPTER**
for rotatable and interchangeable tips



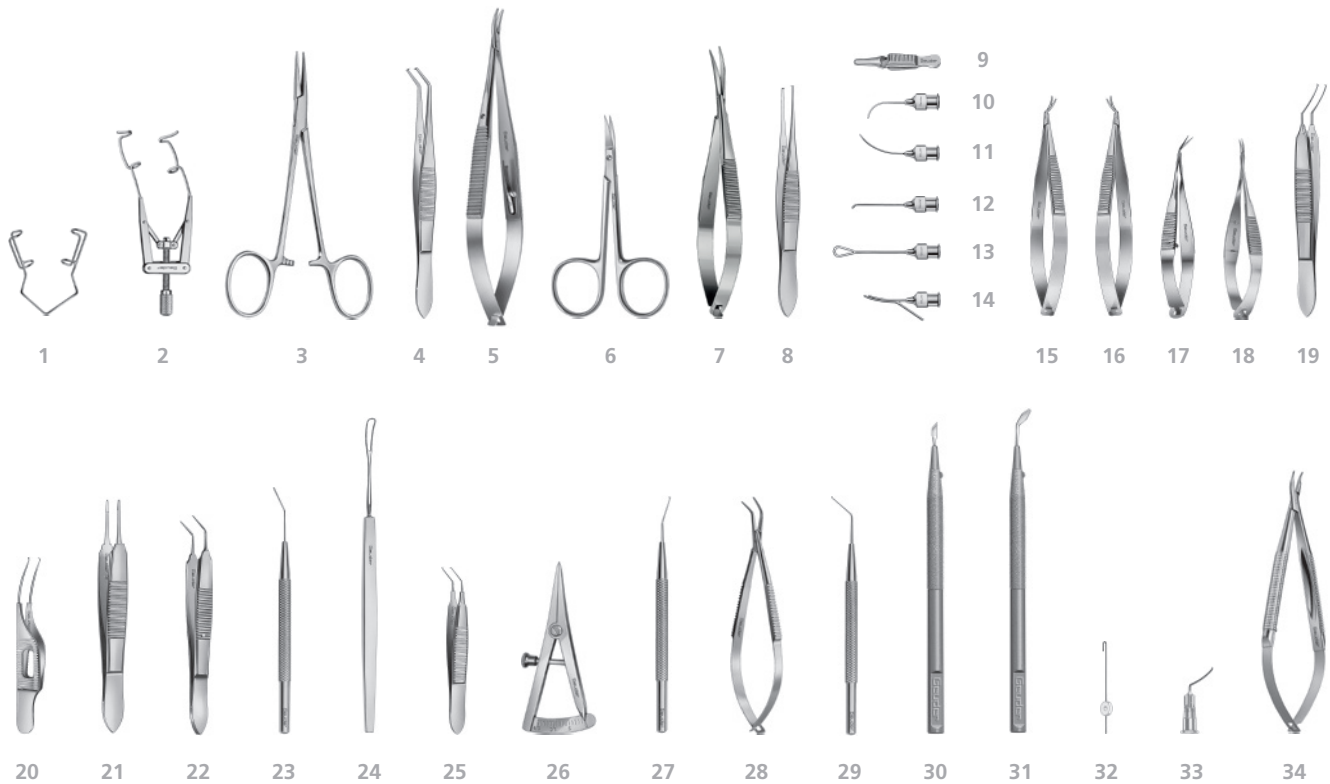
PLEASE READ YOUR INSTRUMENT'S
CLEANING INSTRUCTIONS OR ASK
YOUR LOCAL SALES REPRESENTATIVE
FOR THE RIGHT CLEANING ADAPTER.

19

SETS



ECCE - EXTRA CAPSULAR CATARACT EXTRACTION



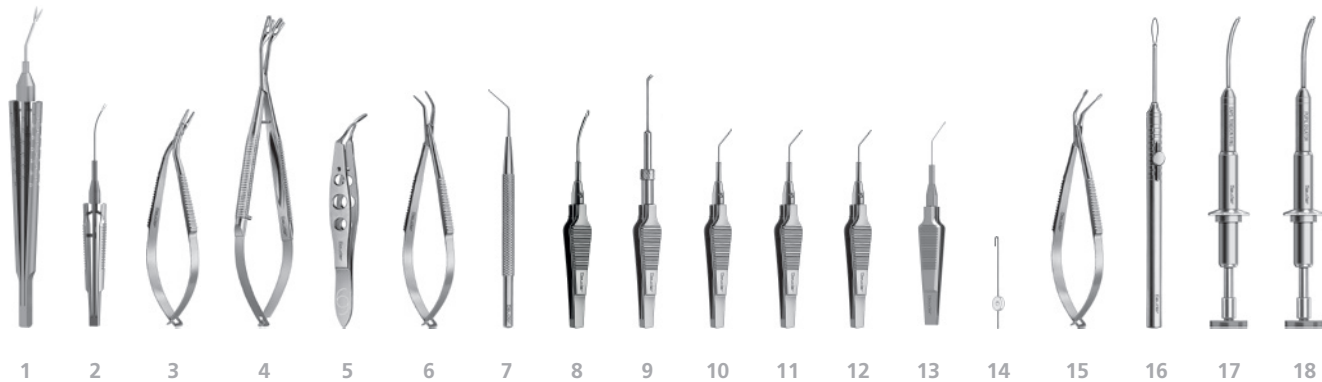
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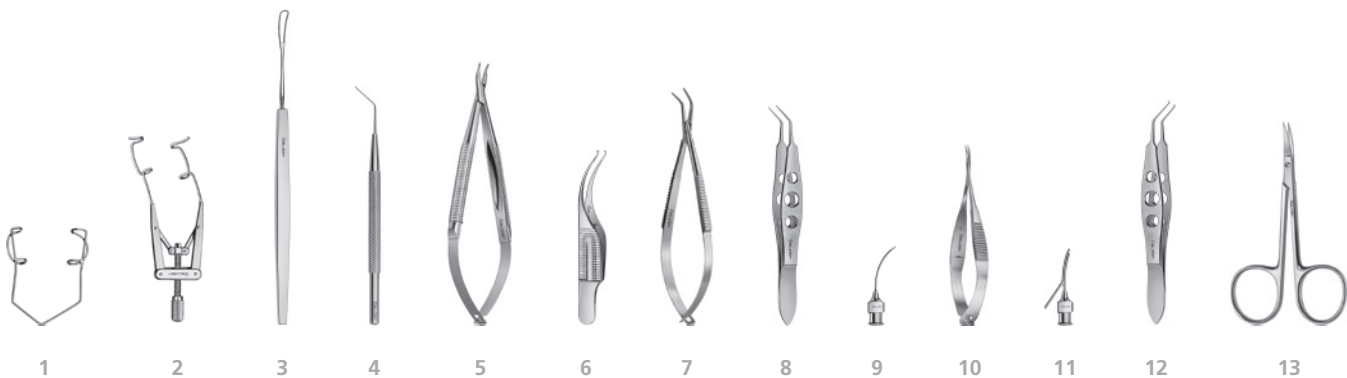
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MICS - MICRO INCISION CATARACT SURGERY



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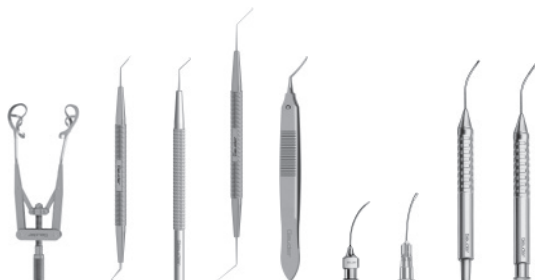
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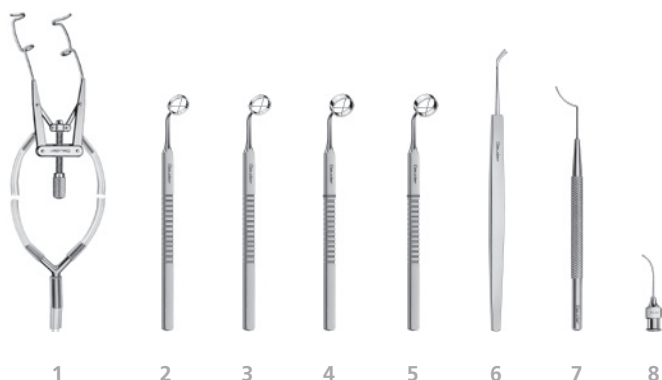
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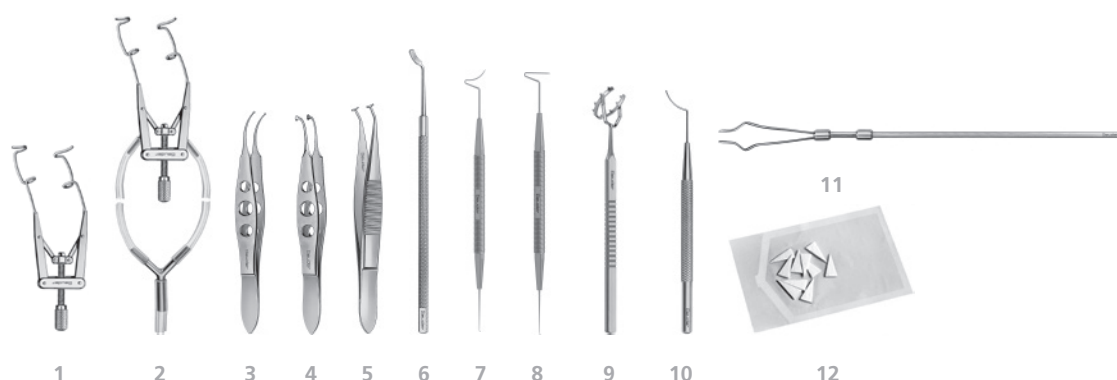
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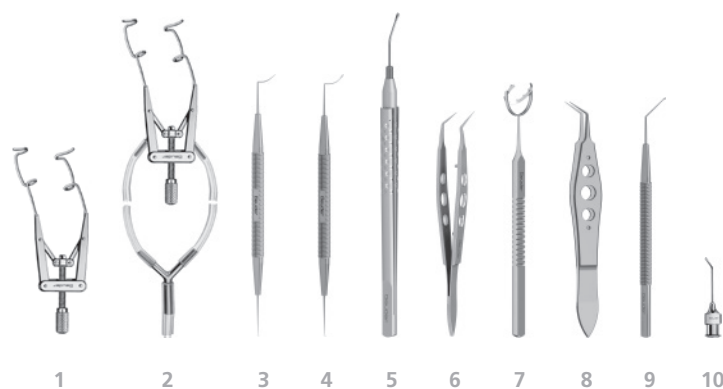
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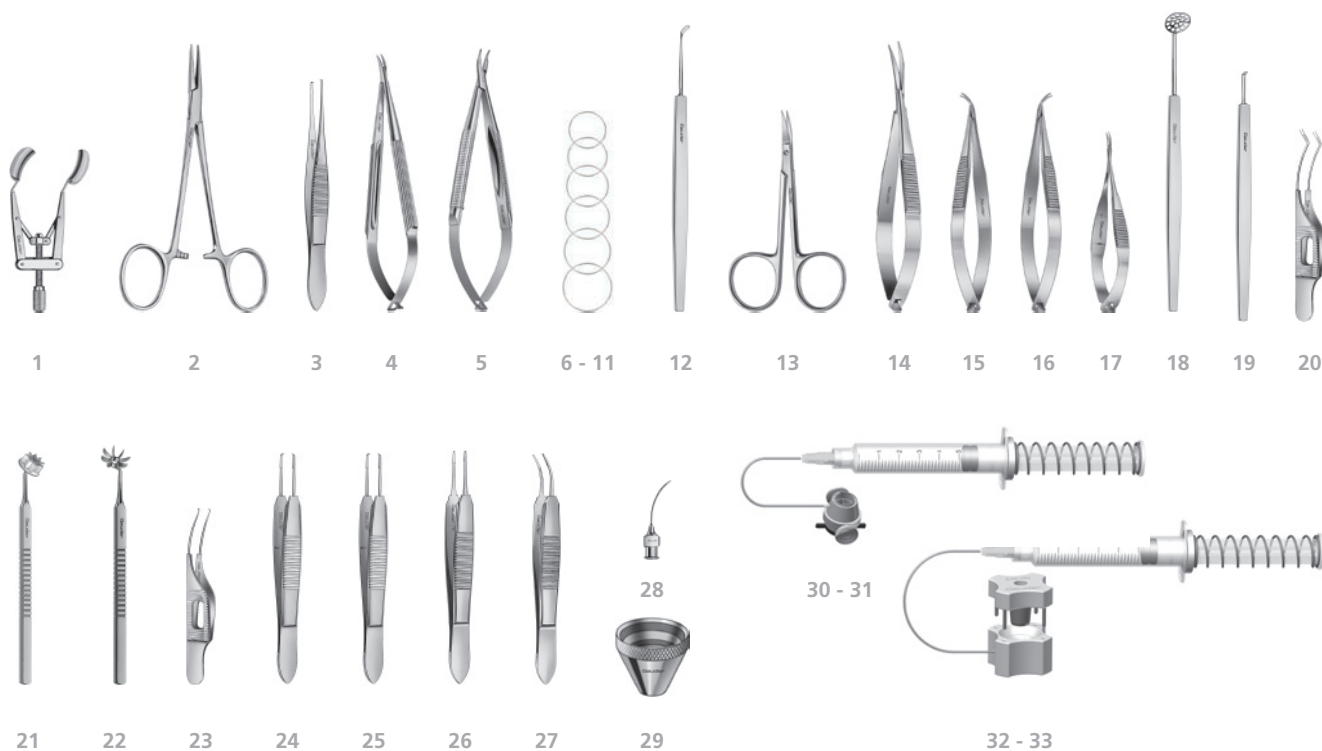
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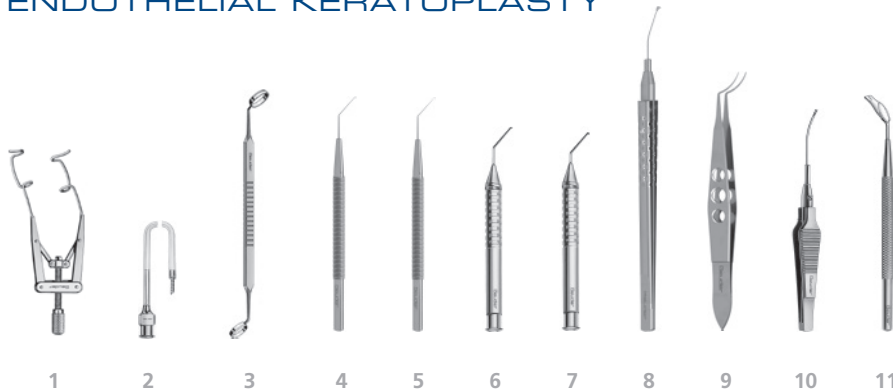
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KERATOPLASTY



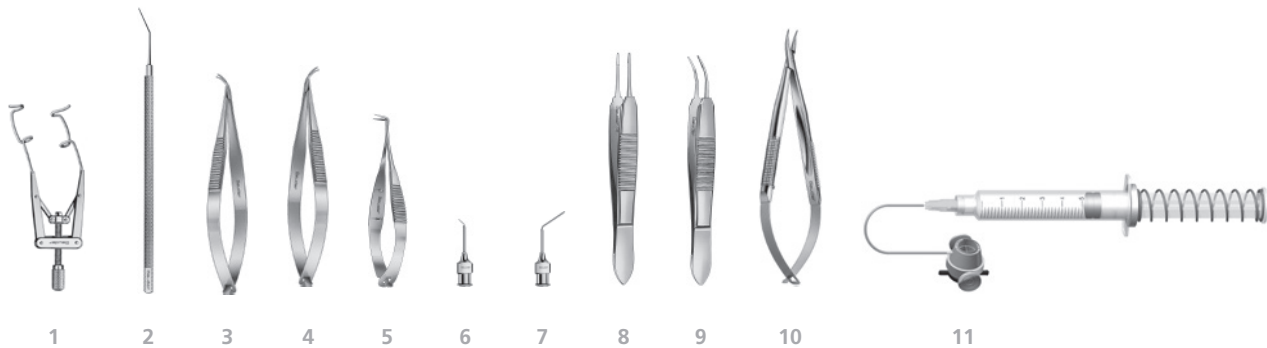
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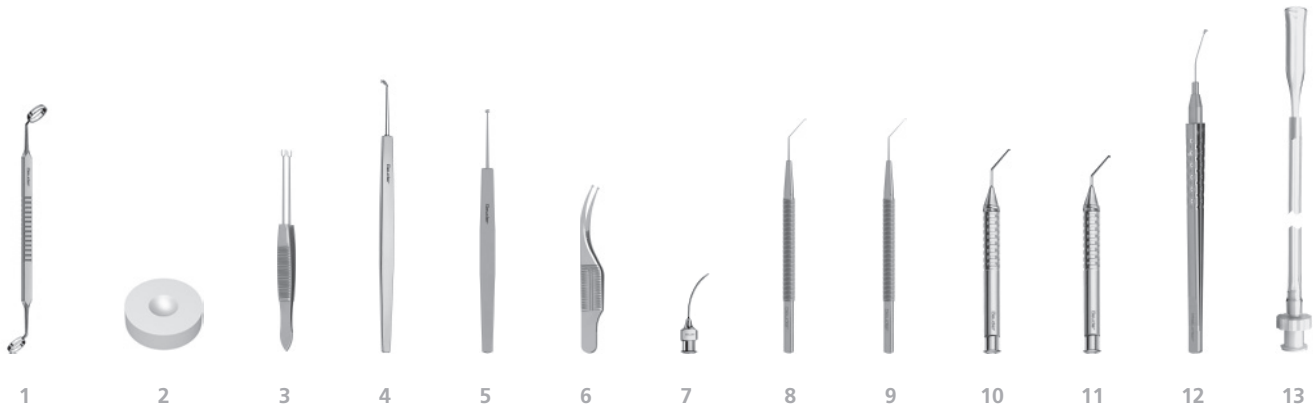
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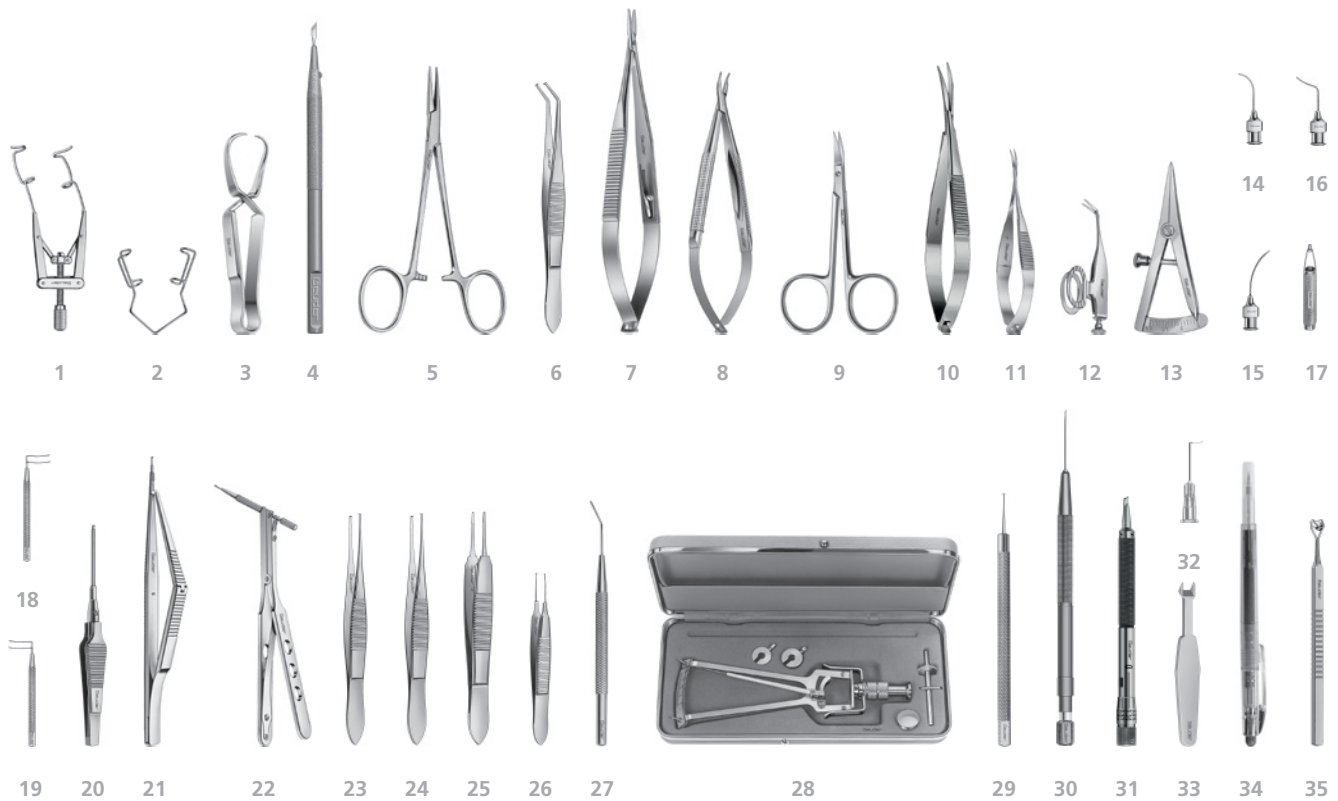
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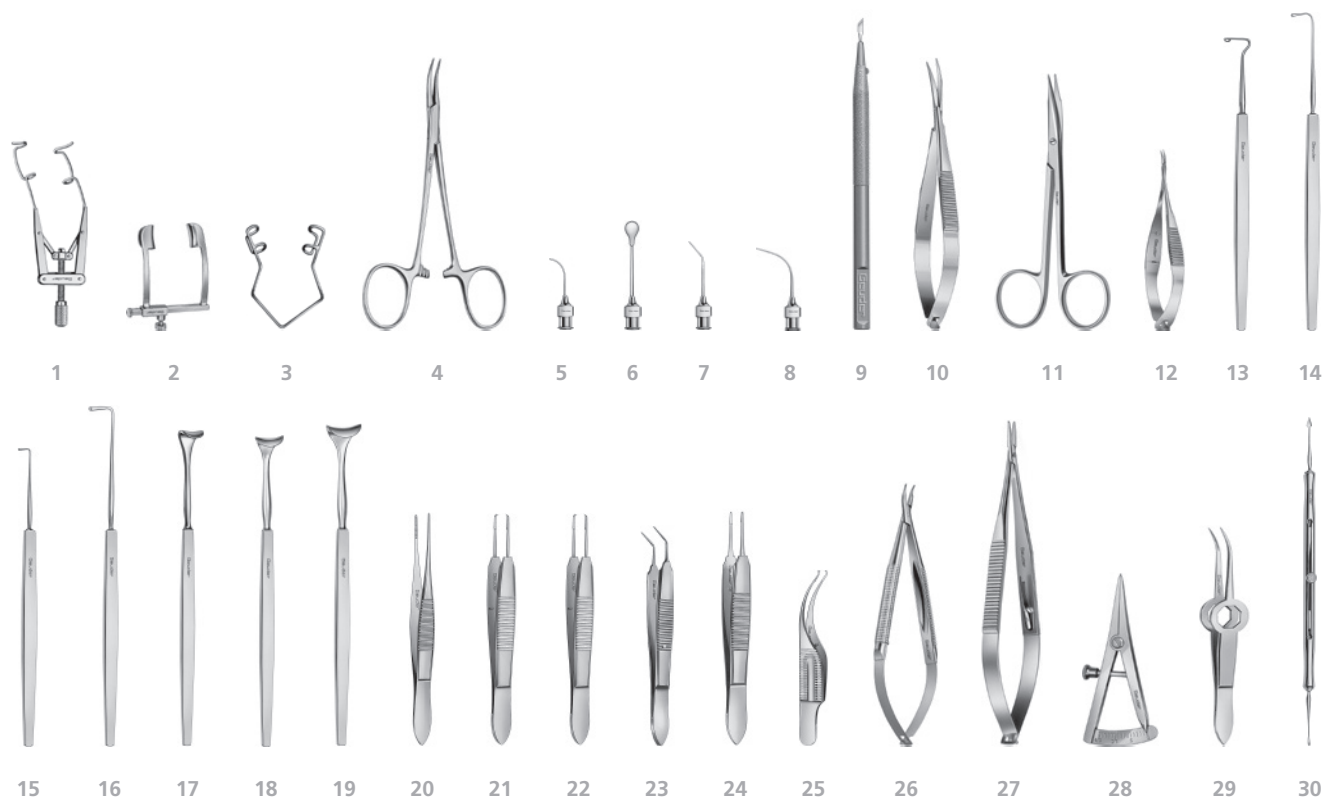
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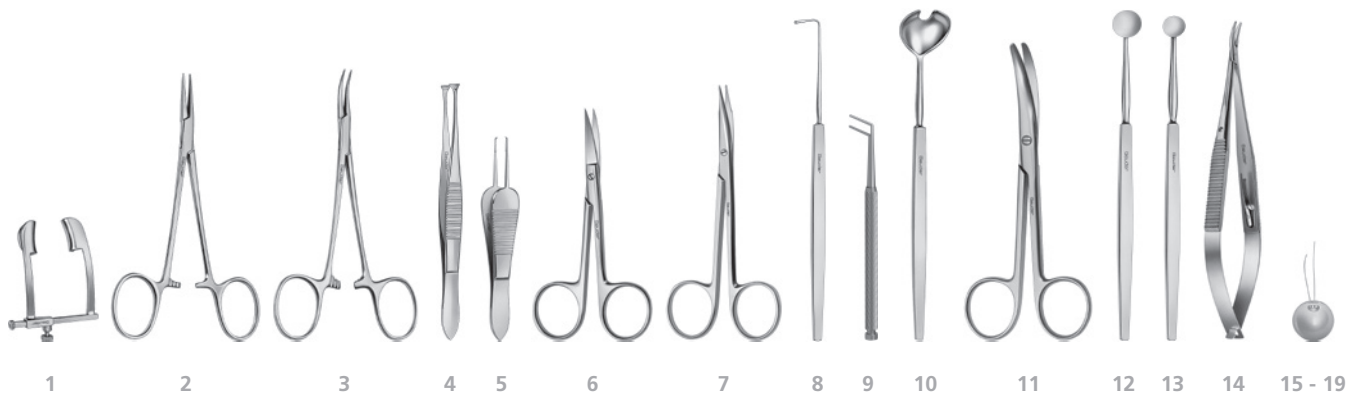
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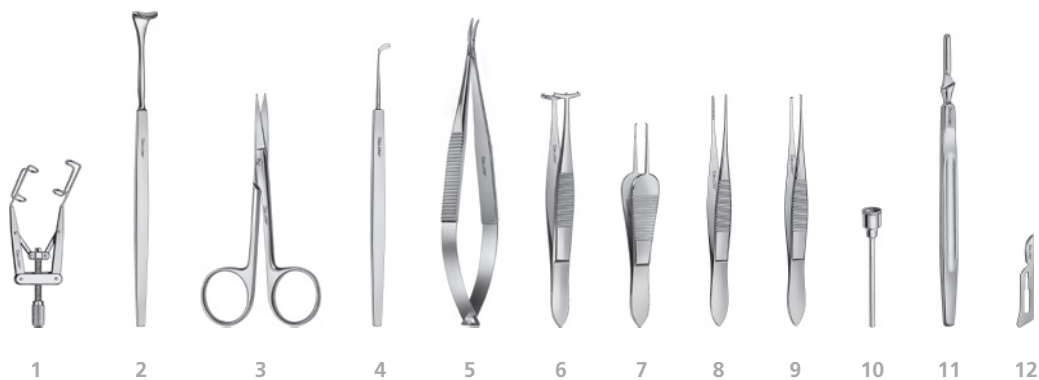
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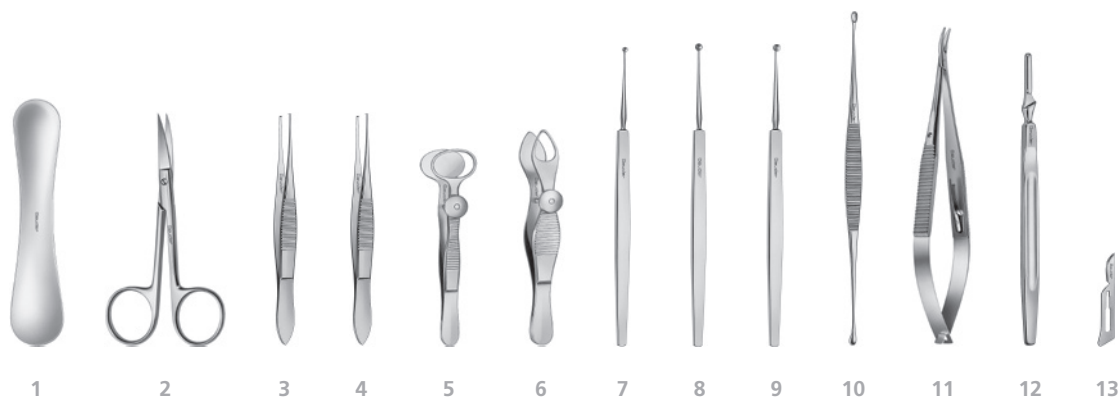
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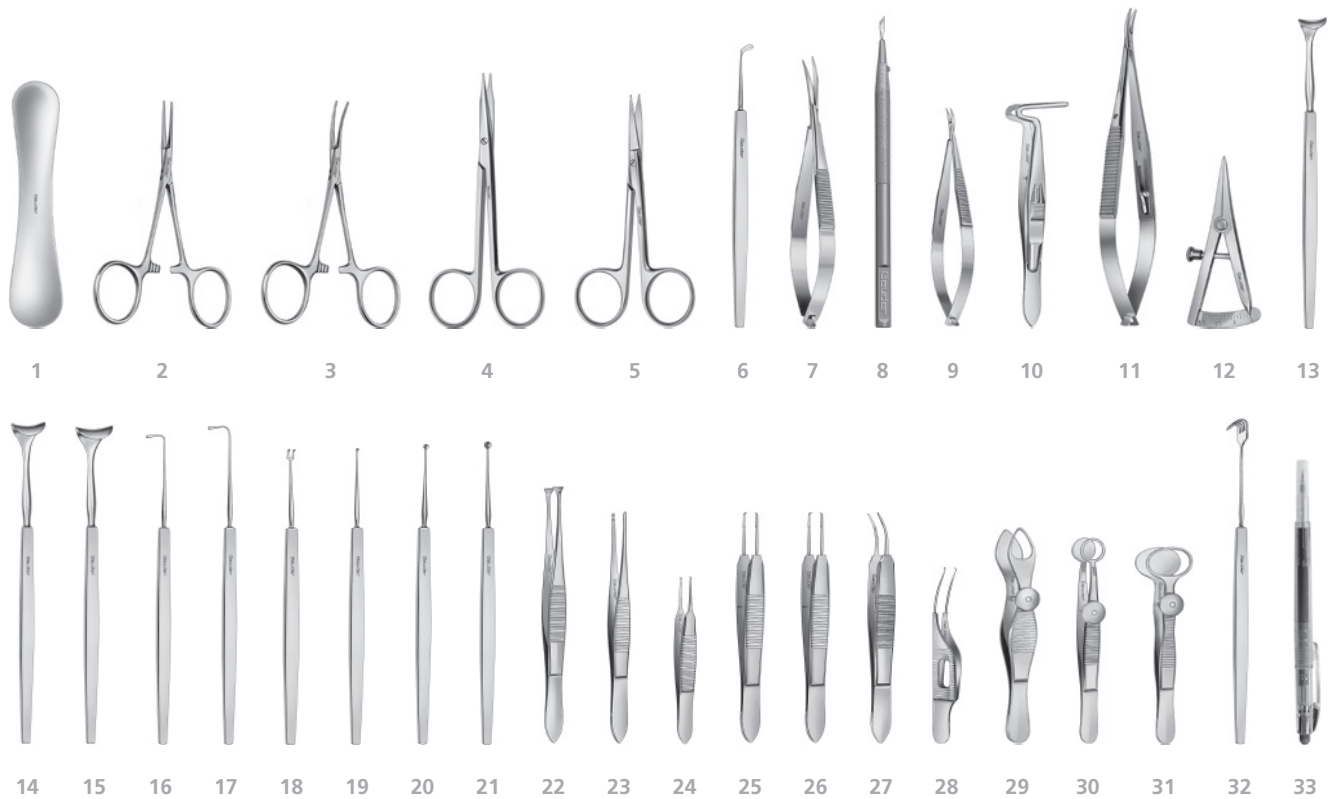
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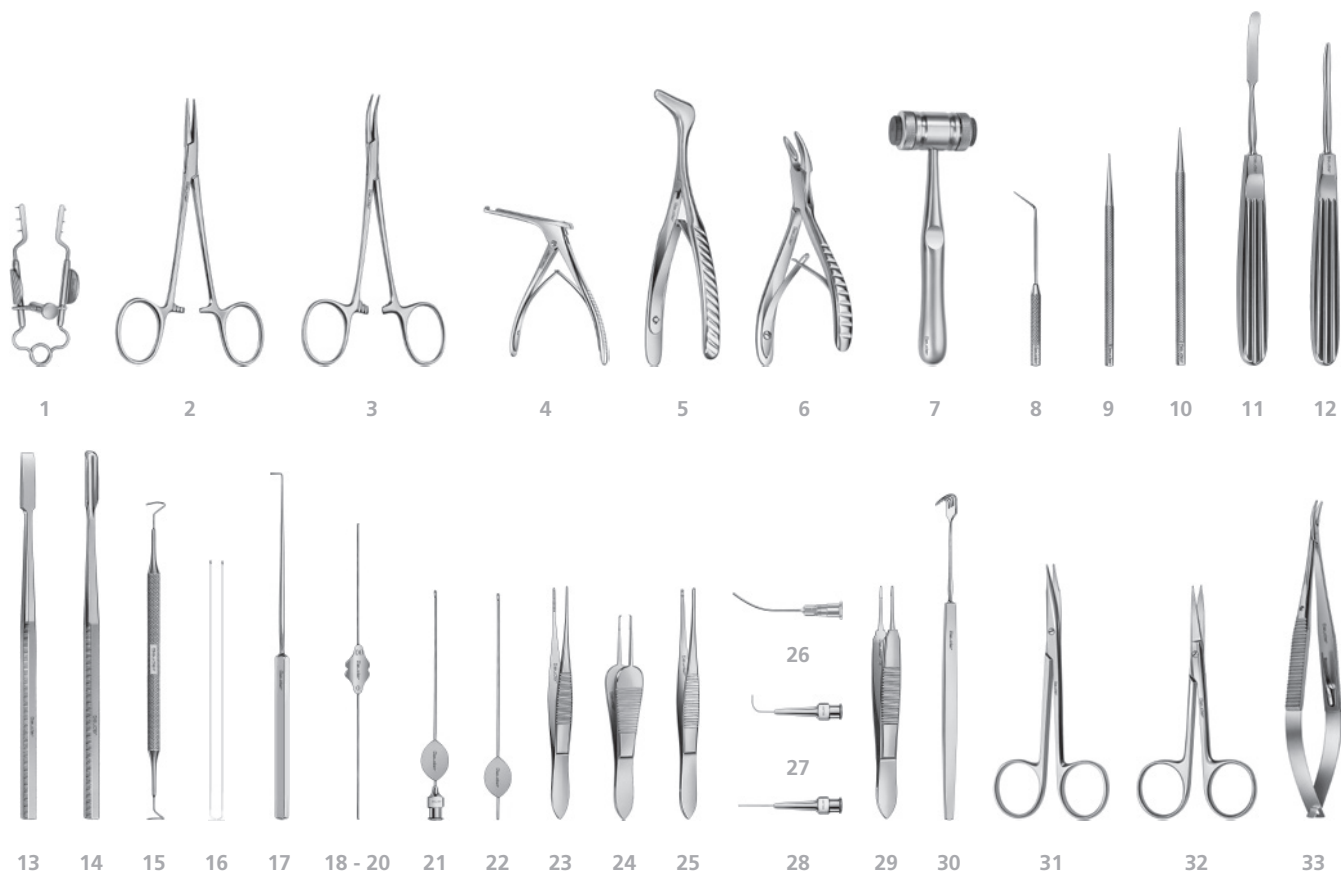
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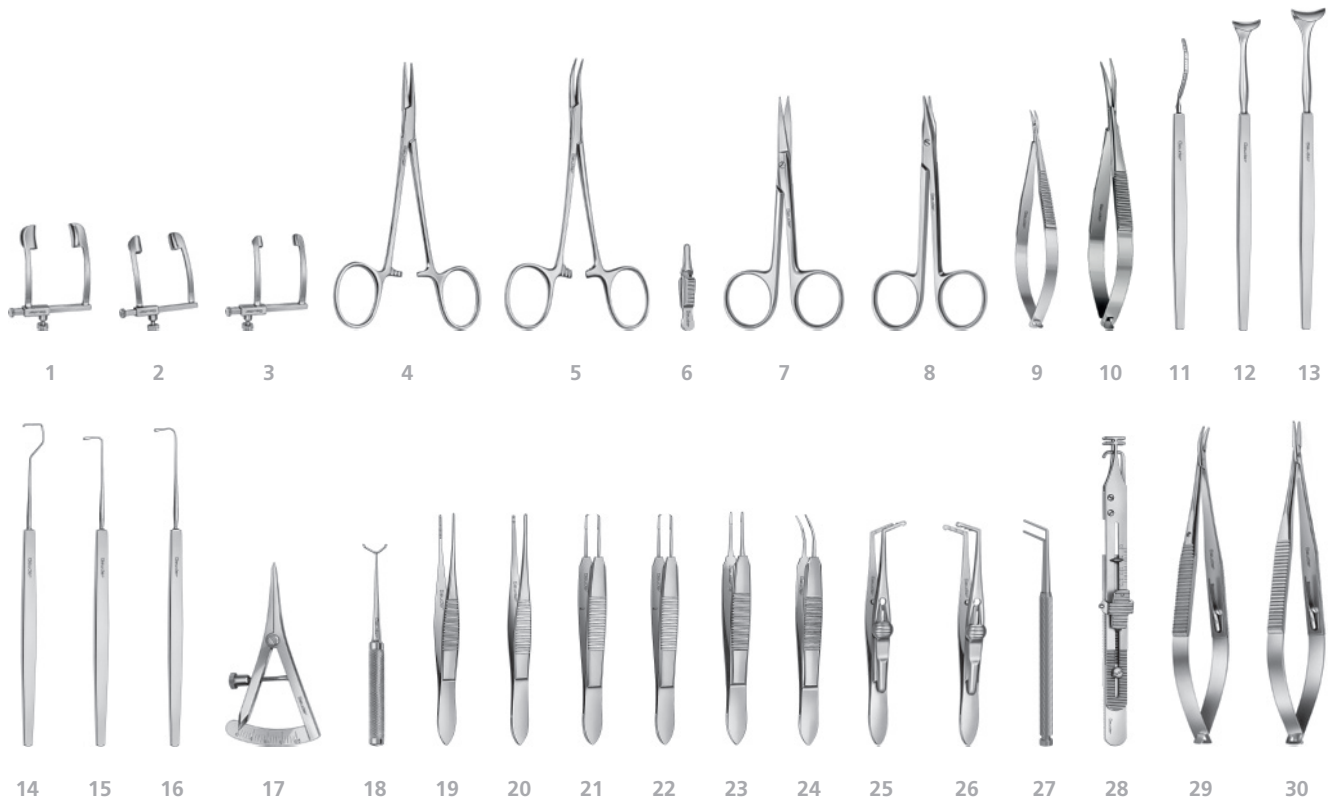
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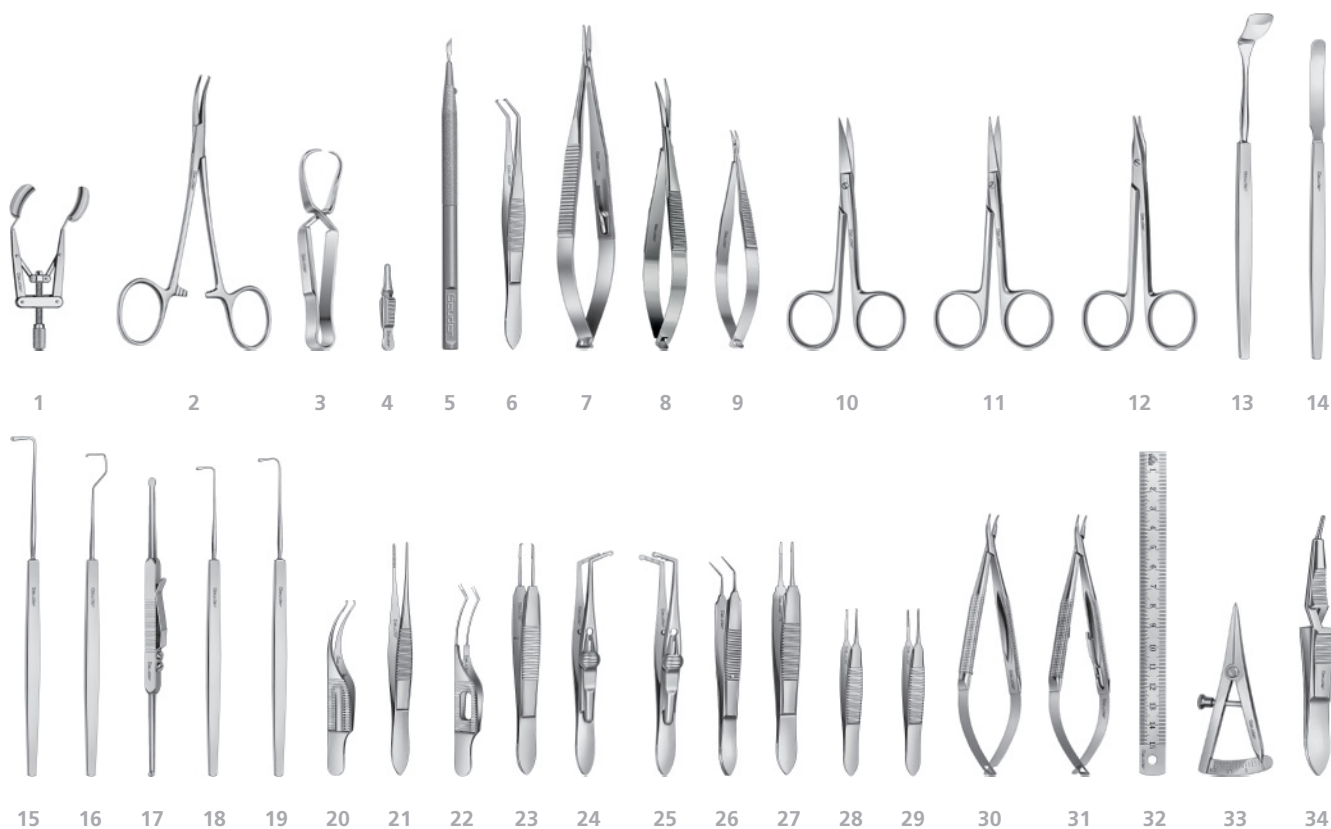
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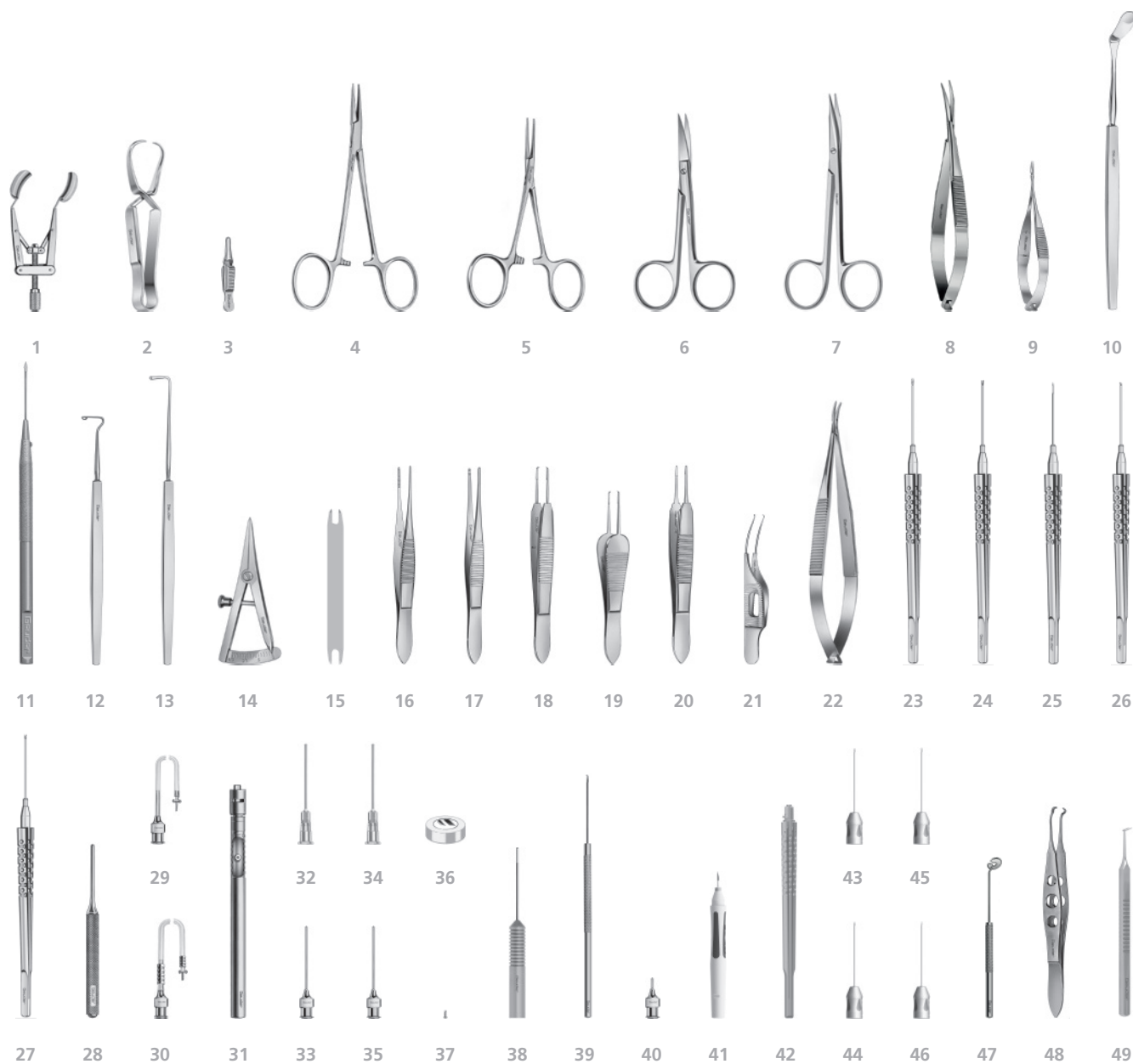
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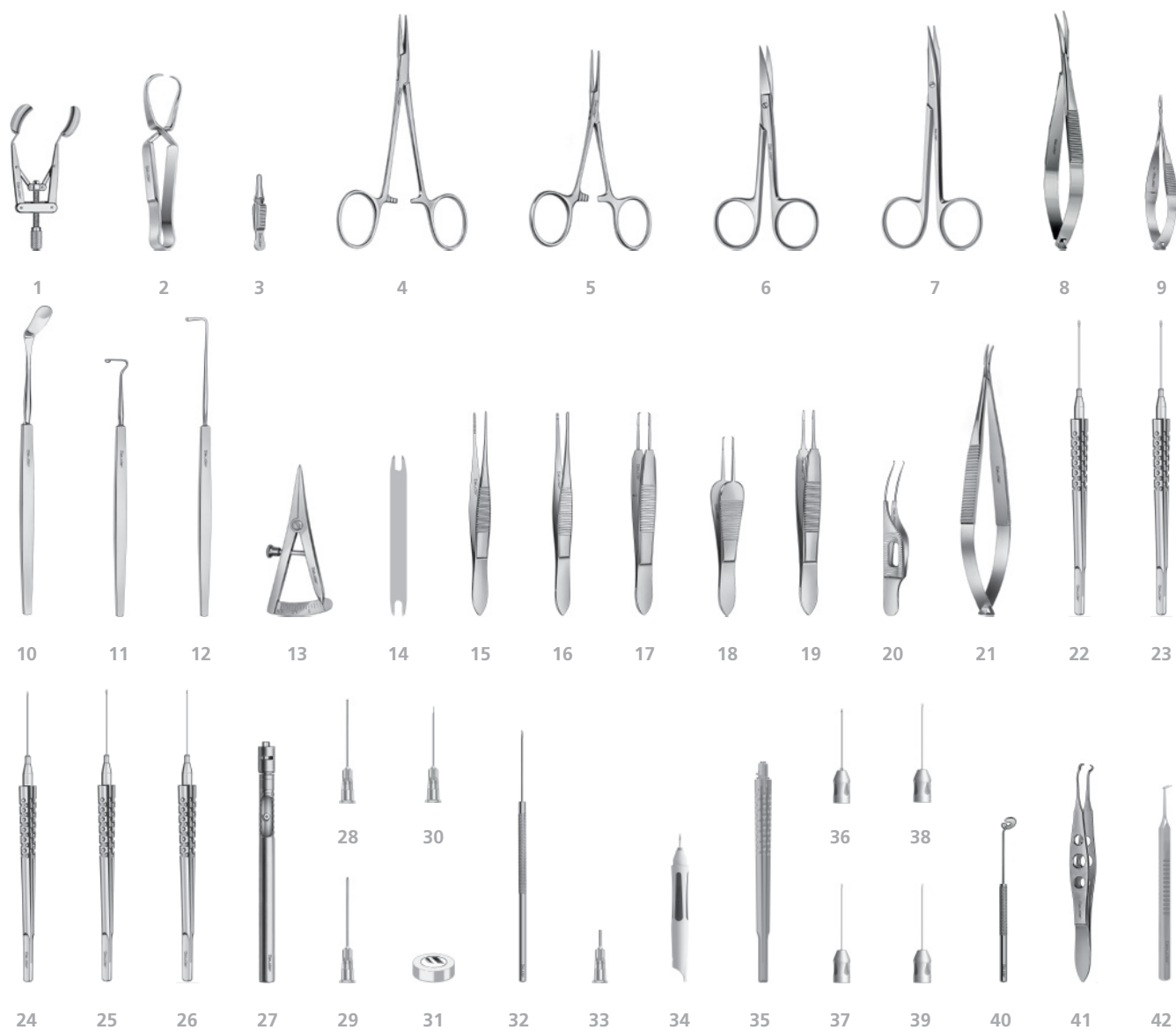
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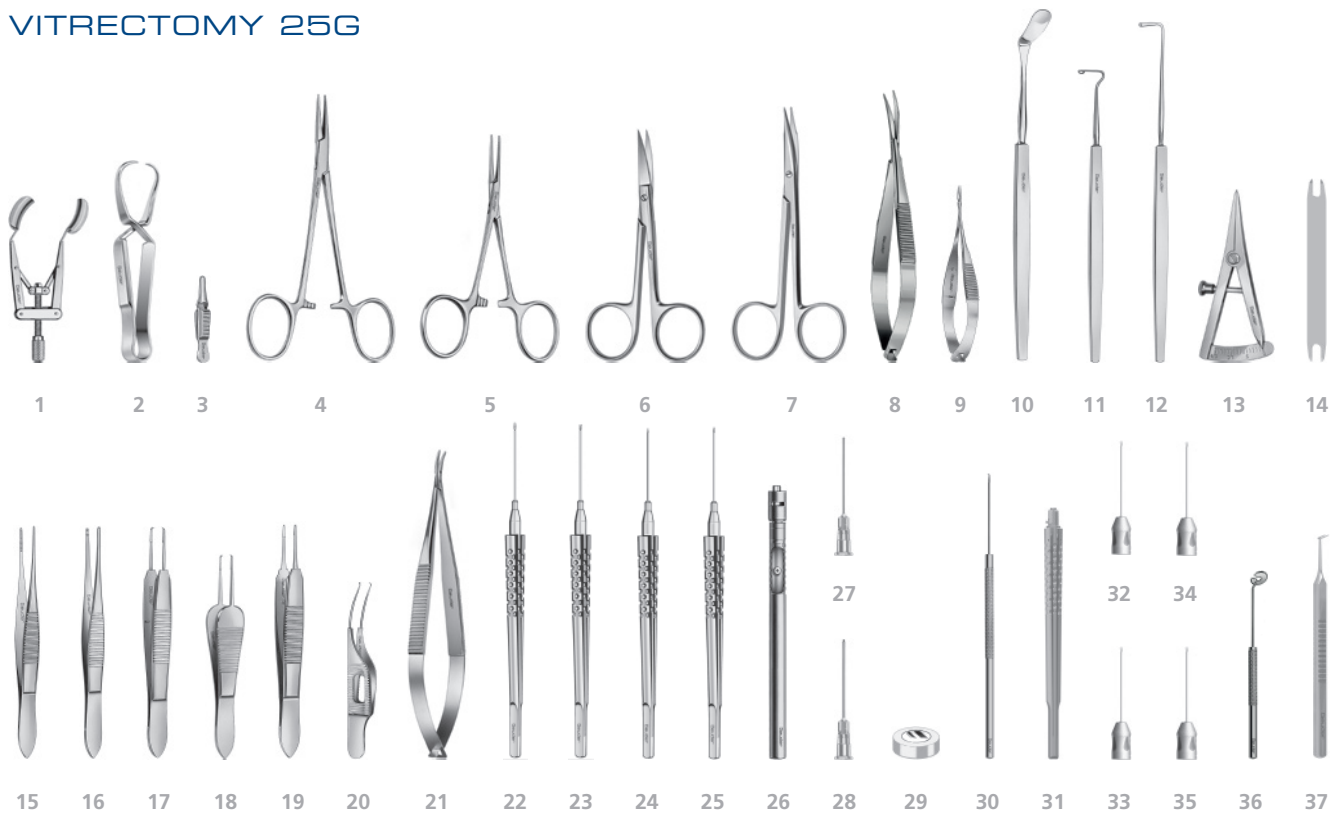
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