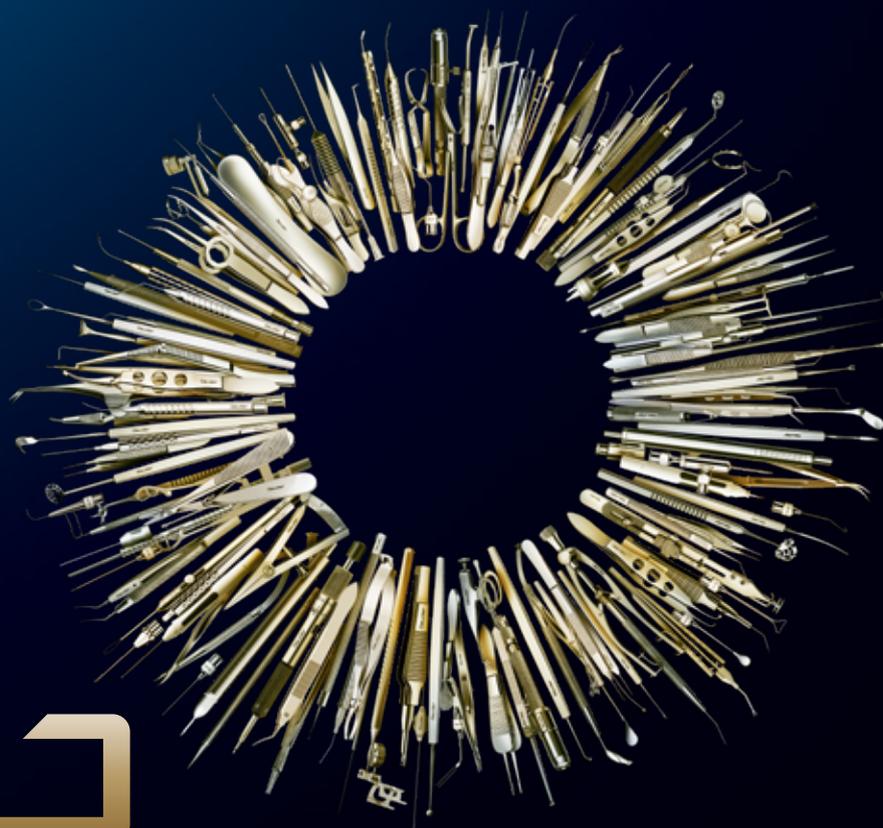


Geuder®

MILESTONES OF MODERN
OPHTHALMIC SURGERY



70
YEARS
1951 - 2021



Geuder®
Precision made in Germany

INSTRUMENTS
MAIN CATALOGUE
10 / 2021

FOCUSED ON PRECISION.

GEUDER - PRECISION MADE IN GERMANY.

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

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

manufacturing the most innovative products that fulfill the international standards.

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

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



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

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

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

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

Certified to ISO 13485, 9001 and others



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Edition 10/2021

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Manufacturer of ophthalmic surgical instruments and systems

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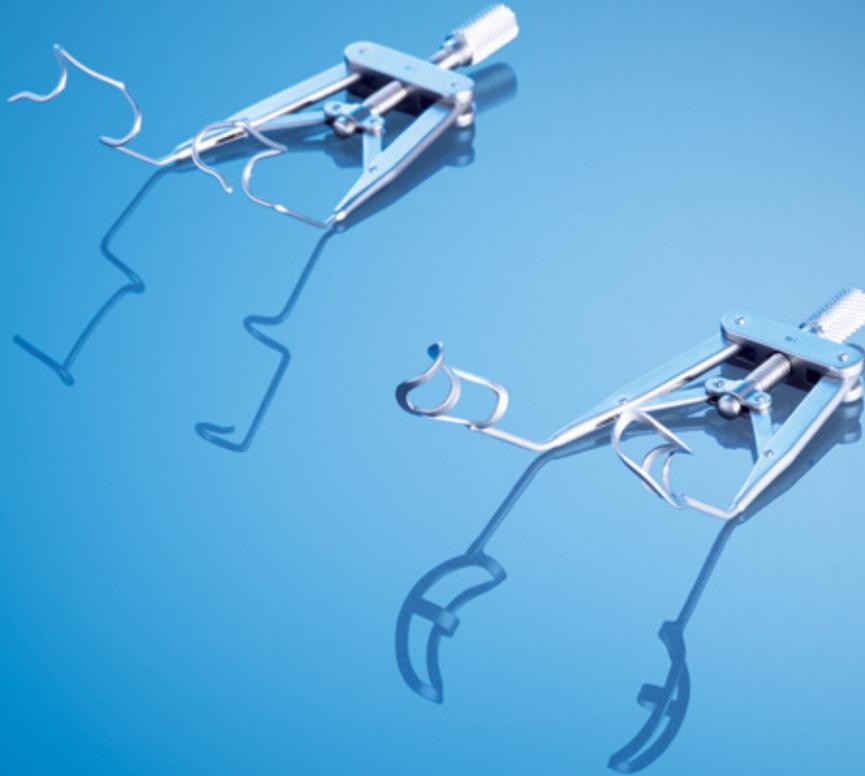
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EYE SPECULA



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G-17020 *BARRAQUER*
EYE SPECULUM
fenestrated
14 mm blades
overall length 38 mm



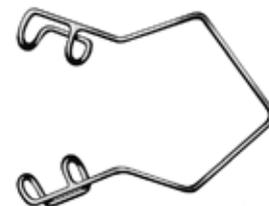
01

WIRE

G-17025 *BARRAQUER*
EYE SPECULUM
for infants
fenestrated
10 mm blades
overall length 40 mm



G-17023 *BARRAQUER*
EYE SPECULUM
for premature infants
fenestrated
7 mm blades
overall length 34 mm



G-17026 *BARRAQUER*
EYE SPECULUM
15 mm solid blades
overall length 40 mm

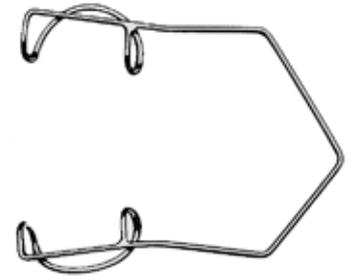


01

WIRE

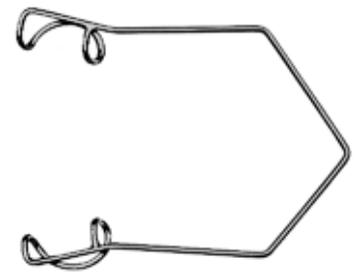
G-32136

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



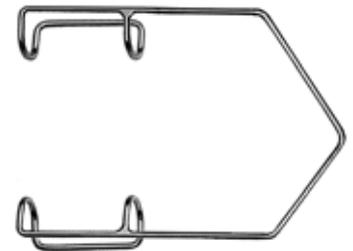
G-32148

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

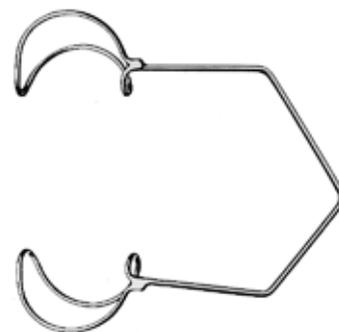


G-32133

*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

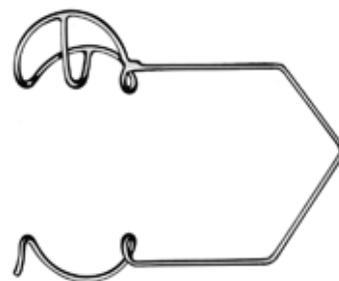
WIRE

*OHNO***EYE SPECULUM**

fenestrated
14 mm round blades
overall length 45 mm
middle bar controls redundant lid tissue
for the right eye
for the left eye

G-32126

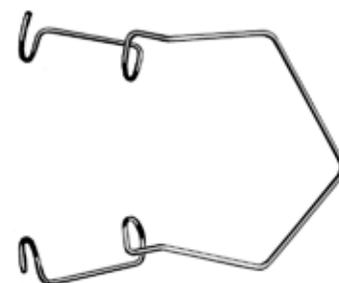
G-32127



G-17004

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

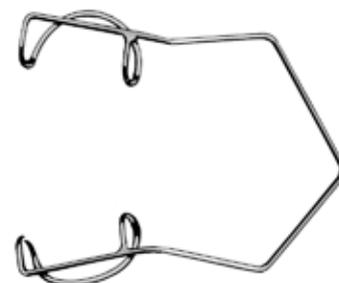
for nasal placement
fenestrated
14 mm open blades
overall length 40 mm



G-32129

TEMPORAL APPROACH EYE SPECULUM

for nasal placement
fenestrated
15 mm round blades
overall length 40 mm



01

WIRE · ADJUSTABLE

BARRAQUER-OOSTERHUIS

EYE SPECULUM

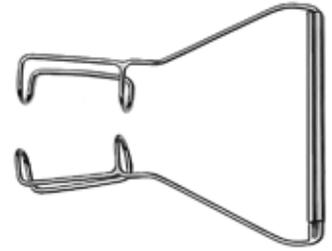
fenestrated, adjustable

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

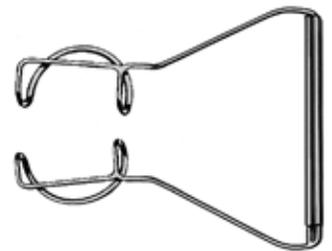
adjustable

G-32138

14 mm blades, overall length 40 mm

G-32139

11 mm blades, overall length 30 mm, for infants



G-17017

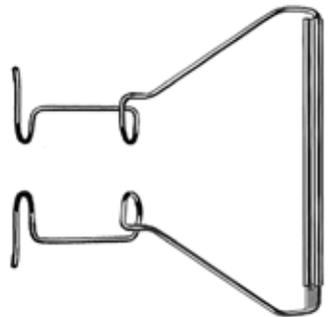
BARRAQUER-OOSTERHUIS-KRATZ

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

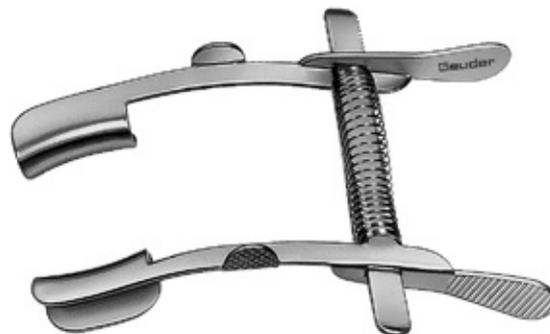
small, for infants
adjustable, self retaining
12.5 mm fenestrated blades
overall length 55 mm



G-15946

MELLINGER-BEARD
EYE SPECULUM

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



G-32135

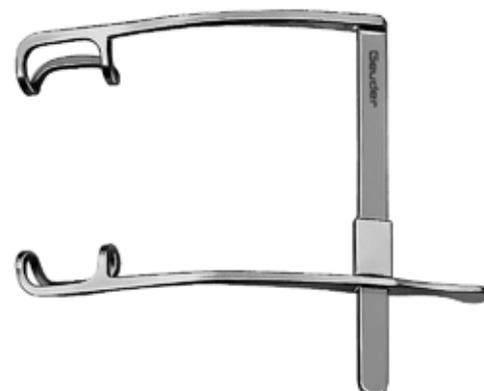
MELLINGER-BEARD
EYE SPECULUM

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

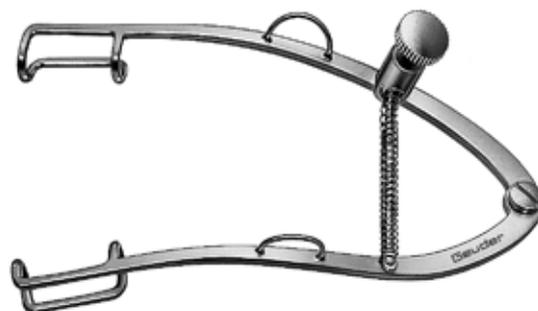


*PRETORI***EYE SPECULUM**

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



01

ADJUSTABLE · LOCKING

G-15956

WEISS
EYE SPECULUM

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



G-15970

WEISS
EYE SPECULUM

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



G-15975

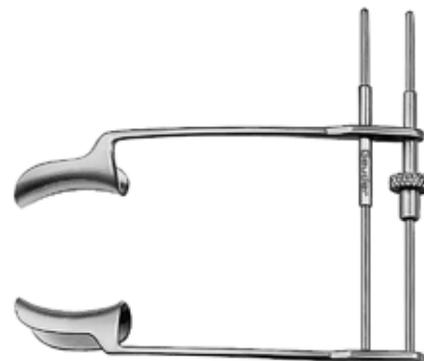
WEISS
EYE SPECULUM

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



G-16010*BANGERTER***EYE SPECULUM**

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



01

ADJUSTABLE · LOCKING

G-16020*CASTROVIEJO***EYE SPECULUM**

fenestrated, adjustable
overall length 96 mm

G-16025

14 mm blades, small

G-16030

16 mm blades, medium

18 mm blades, large

**G-15990***COOK***EYE SPECULUM**

large

16 mm solid blades

adjustable, with locking screw

overall length 50 mm

**G-15995***COOK***EYE SPECULUM**

medium

11 mm solid blades

adjustable, with locking screw

overall length 40 mm



01

ADJUSTABLE · LOCKING

G-16000

COOK
EYE SPECULUM

small
8 mm solid blades
adjustable, with locking screw
overall length 35 mm



G-32128

COOK
EYE SPECULUM

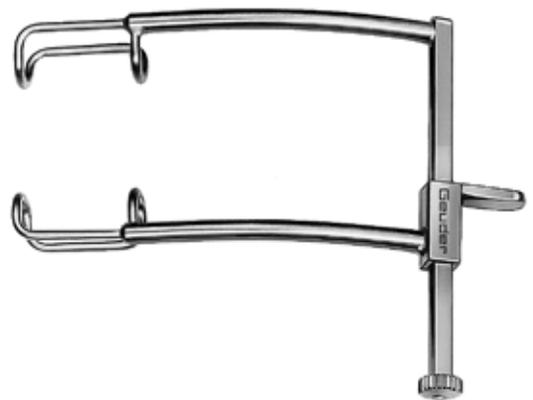
for infants
5 mm solid blades
adjustable, with locking screw
overall length 30 mm



G-17000

MURDOCK
EYE SPECULUM

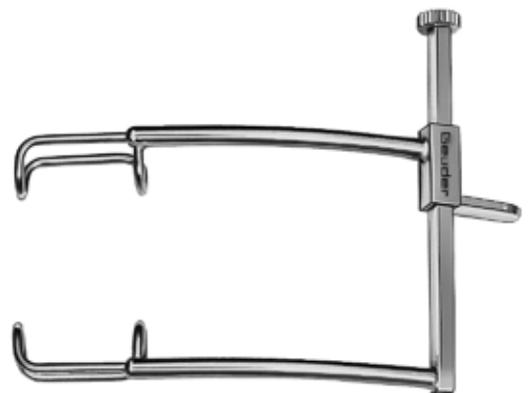
left
14 mm fenestrated blades
adjustable, self retaining
overall length 50 mm



G-17001

MURDOCK
EYE SPECULUM

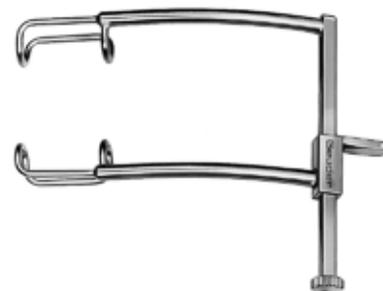
right
14 mm fenestrated blades
adjustable, self retaining
overall length 50 mm



MURDOCK
EYE SPECULUM

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

G-17002
G-17003

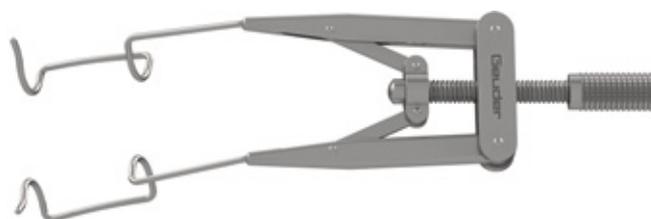


01

ADJUSTABLE · LOCKING

G-15960*LIEBERMAN-TENNANT*
EYE SPECULUM

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

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

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

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

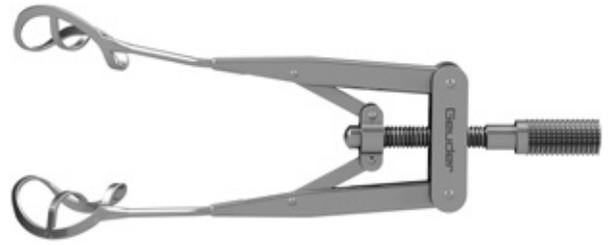
adjustable, reversible
for nasal and temporal placement
15 mm solid blades
overall length 75 mm



G-33965

DICK
FEMTOCATARACT EYE SPECULUM

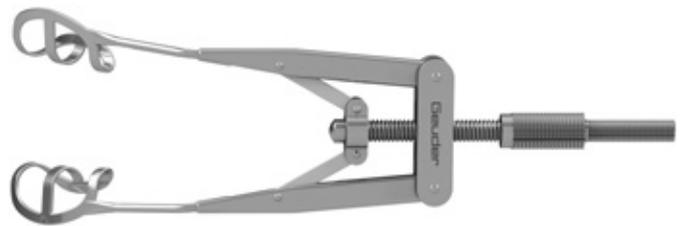
adjustable
18 mm flattened fenestrated blades with middle bar to control redundant lid tissue
overall length 80 mm



G-33971

SOLOMON
FEMTOCATARACT EYE SPECULUM

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



G-33919

SPARE TUBING SET
for eye speculum with aspiration

scale 1:2

G-33920

KNORZ
LASIK EYE SPECULUM

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



*NODA***EYE SPECULUM**

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

**G-17019**

15 mm open blades

G-17021

12 mm open blades, for infants

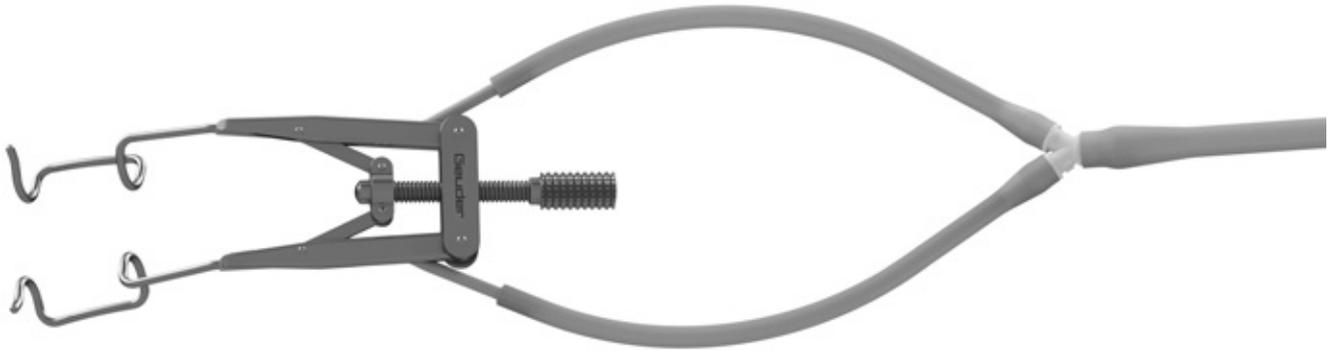
**G-17005***PAULMANN***EYE SPECULUM**

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

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

01

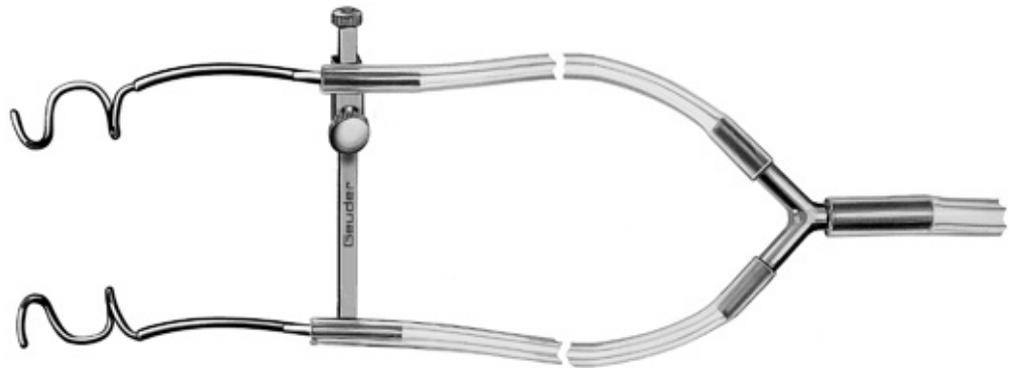
ASPIRATION · ADJUSTABLE · LOCKING



G-15961

LIEBERMAN-TENNANT
EYE SPECULUM

adjustable, with aspiration
for temporal placement
15 mm open blades
overall length 80 mm
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor



G-17024

KOGA / NODA
EYE SPECULUM

with 5 mm aspiration slits
adjustable
12 mm open blades
to remove excess fluid from the surgical field
supplied with silicone tubing and adaptor

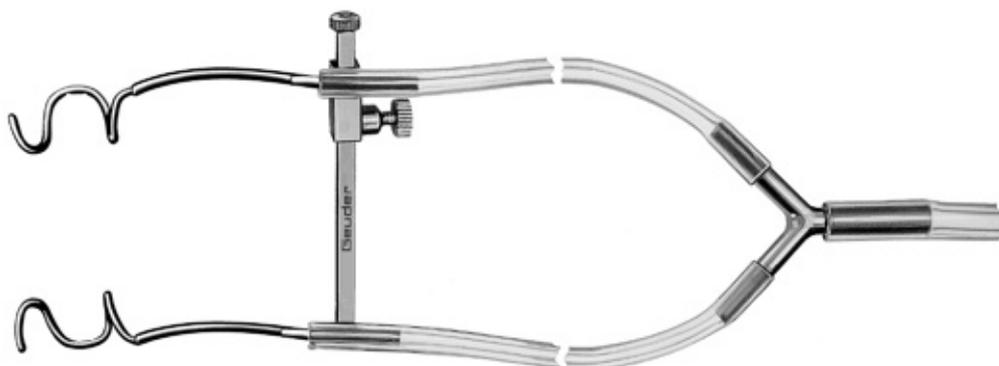


G-17031

NODA

EYE SPECULUM

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

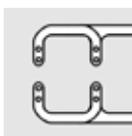


G-15962

KAMMANN

EYE SPECULUM

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

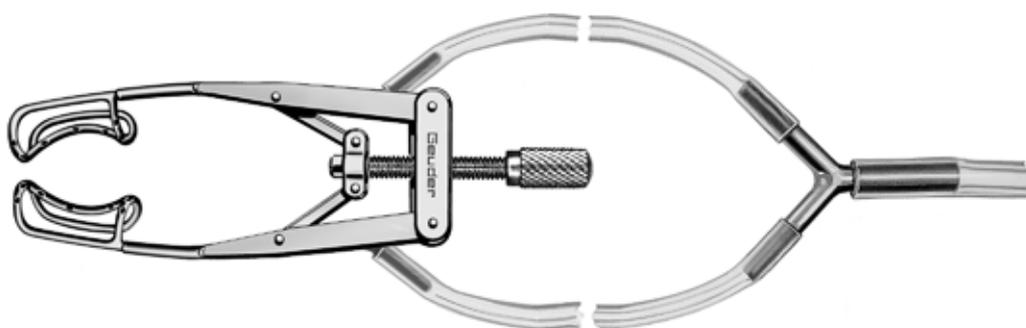




G-33914

ZIRM
LASIK EYE SPECULUM

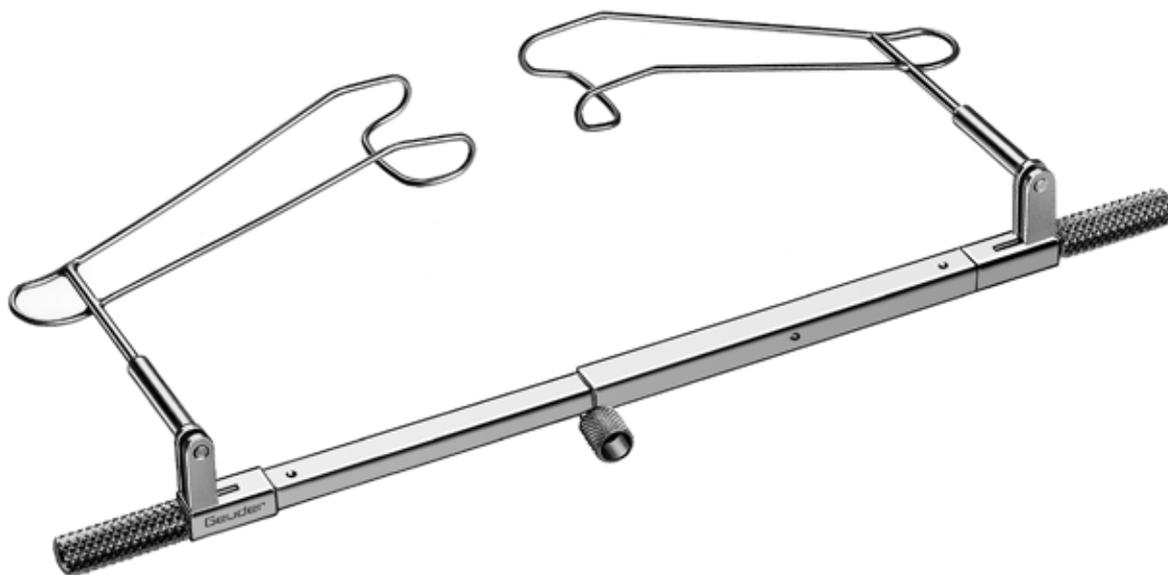
adjustable, with aspiration
 16 mm fenestrated blades
 to remove excess fluid from the surgical field
 supplied with silicone tubing and adaptor



G-33925

MAUS
LASIK EYE SPECULUM

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

**EYE SPECULUM**

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

G-15920

large, 16 mm blades

G-15925

small, 12 mm blades

*SCHOTT***EYE SPECULUM**

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

G-15921

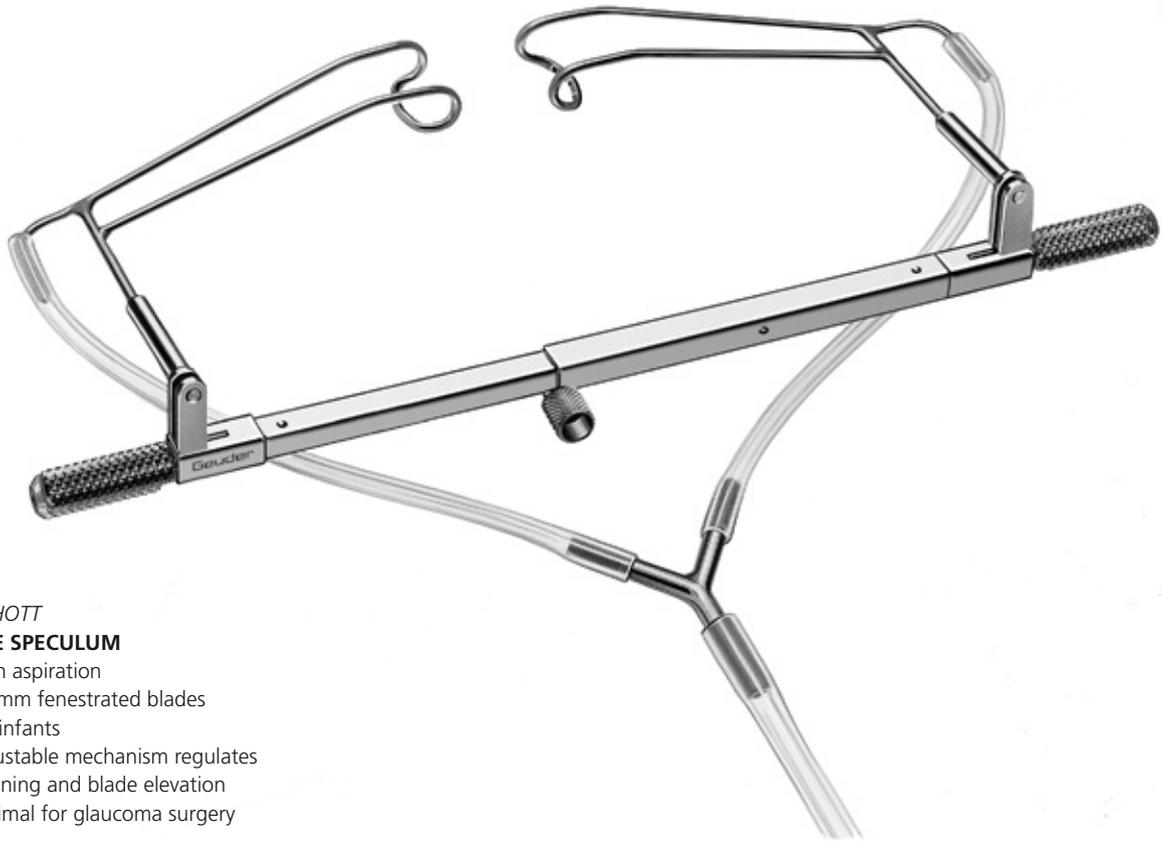
large, 15 mm blades

G-15926

small, 11 mm blades

01

GLAUCOMA · ADJUSTABLE · ASPIRATION



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
G-15350 small
G-15355 large



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



CORNEAL MARKERS.....	41
CALIPERS · RULERS.....	43
RULERS · TRABECULECTOMY MARKER.....	44
STRABISMUS MARKERS · LASIK MARKERS.....	45
KERATOMETER · DEGREE GAUGES · AXIS MARKERS.....	46
TORIC MARKERS.....	47
TONOMETER · OCULOPRESSOR.....	48



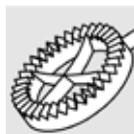
THOMAS NEUHANN
CORNEAL MARKER
with cross hairs
inside diameter 3.0 mm
outside diameter 12.0 mm
overall length 105 mm



- G-33725** 4 blades
- G-33726** 6 blades
- G-33727** 8 blades



- G-32222** *THOMAS NEUHANN*
CORNEAL MARKER
for astigmatic keratotomy
10° scale and cross-hairs
6.0 mm inside diameter
8.0 mm outside diameter
overall length 105 mm



HOFFER
CORNEAL MARKER
for optic zone
with cross hairs
overall length 103 mm



- G-33730** inside diameter 3.0 mm
- G-33732** inside diameter 3.5 mm
- G-33733** inside diameter 3.75 mm
- G-33734** inside diameter 4.0 mm
- G-33735** inside diameter 4.5 mm
- G-33736** inside diameter 5.0 mm
- G-33737** inside diameter 5.5 mm
- G-33738** inside diameter 6.0 mm
- G-33739** inside diameter 6.5 mm
- G-33740** inside diameter 7.0 mm
- G-33741** inside diameter 7.5 mm
- G-33742** inside diameter 8.0 mm



G-38600 *THOMAS NEUHANN*
CORNEAL MARKER
for DSAEK/DSEK/DMEK procedures
combination of 8.0 mm / 9.0 mm diameters
to produce a guide for Descemetorhexis
overall length 123 mm



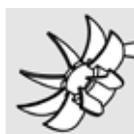
LINDSTROM
CORNEAL MARKER
to mark arcuate incisions
for surgical correction of astigmatism
overall length 100 mm
G-33780 optic zone 6.0 mm
G-33781 optic zone 7.0 mm



DUNCKER
SUTURE MARKER
8-pointed star and cross hairs
to center the trephine and perform
double running suture
overall length 102 mm
G-32228 for 7.0 mm transplant
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



SUFFO / HOMBURG MODEL

CORNEA SUTURE MARKER

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



G-33743

for 7.5 mm grafts

G-33744

for 8.0 mm grafts

CASTROVIEJO

CALIPER

scale on both sides
with 1 mm increments

G-19130

15 mm scale, overall length 78 mm

G-19135

20 mm scale, overall length 85 mm



G-19138

OSHER

INCISION MEASURING CALIPER

1 to 10 mm

scale on both sides

for internal measurement of cataract incisions

overall length 75 mm



G-37400

BRAUNSTEIN

FIXED CALIPER

for marking of sclerotomy site

at 3.5 mm posterior to the surgical limbus

overall length 45 mm



BRAUNSTEIN

FIXED CALIPER

for marking of sclerotomy site posterior

to the surgical limbus

overall length 80 mm

G-37410

3.0 mm / 3.5 mm

G-37412

3.0 mm / 4.0 mm

G-37414

3.5 mm / 4.0 mm

G-37418

4.0 mm / 5.0 mm





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

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



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



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



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



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



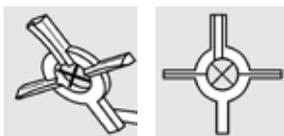
G-15797 *FINK*
STRABISMUS MARKER
1 mm criss-cross marking tips
for accurate 9 mm recession of the
inferior oblique muscle
overall length 87 mm



G-33785 *GRENE*
VISUAL AXIS MARKER
0.5 mm diameter
concave tip
overall length 103 mm



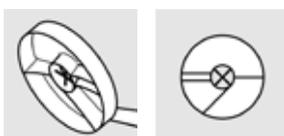
G-33745 *MENDEZ*
LASIK CORNEAL MARKER
for lamellar flap identification
and realignment
overall length 105 mm



G-33746 *CHAYET*
LASIK CORNEAL MARKER
for lamellar flap identification
and realignment
overall length 105 mm



G-33747 *LU*
LASIK CORNEAL MARKER
for lamellar flap identification
and realignment
overall length 105 mm



G-32318

MALONEY
KERATOMETER

for qualitative measurement of astigmatism
overall length 20 mm



G-33760

MENDEZ
DEGREE GAUGE

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



G-33762

DEGREE GAUGE

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



G-33763

GERTEN
HORIZONTAL AXIS MARKER

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



G-33774

SCOTT
CORNEAL PENDULUM MARKER

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



G-33777

**TOMARK
ADJUSTABLE CORNEAL MARKER**

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



for use in combination with slit lamp or G-33776

03

TORIC MARKERS



G-33776

TOMARK PENDULUM INSTRUMENT

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

to retain TOMARK corneal marker G-33777

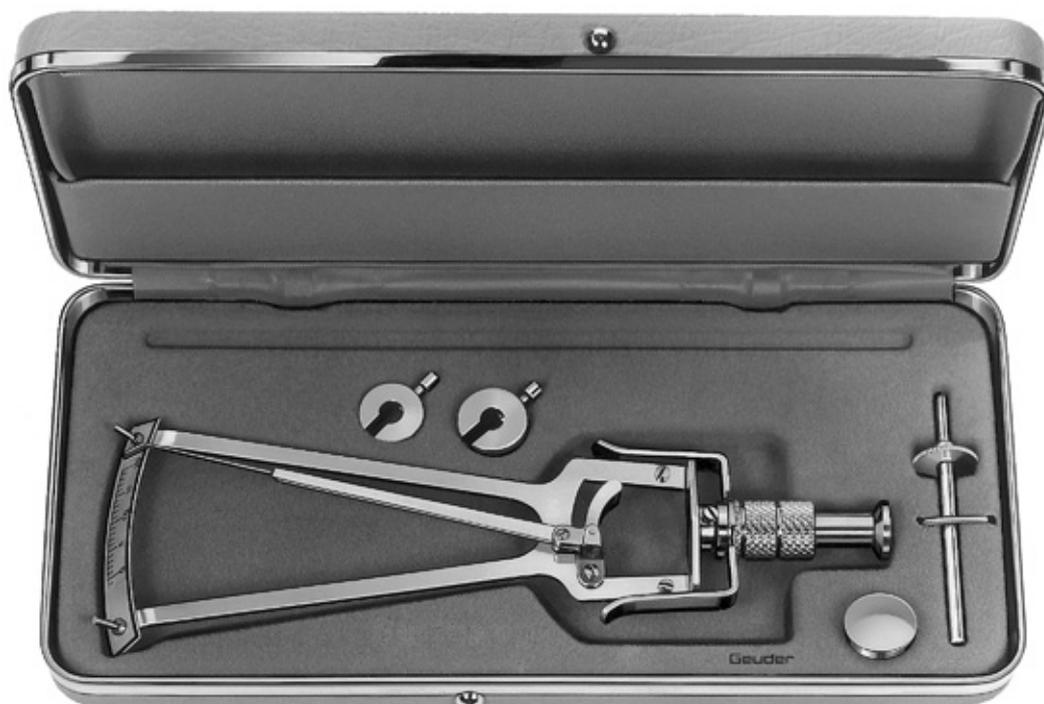
G-33778

RETAINER FOR PENDULUM INSTRUMENT

for G-33776 TOMARK
overall length 180 mm

scale 1:2





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-15910 *AXENFELD*
CHALAZION CURETTE
 double ended
 4.5 x 2.5 mm and 6.5 x 3.0 mm oval currettes
 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

04

CHALAZION · ENUCLEATION

FOREIGN BODY INSTRUMENTS





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



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



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

G-14490

FOREIGN BODY NEEDLE

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



G-14500

FOREIGN BODY NEEDLE

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



G-14570

PLANGE
FOREIGN BODY SPUD

curved and rounded
1 mm wide spud
overall length 125 mm



G-14480

FOREIGN BODY GOUGE

straight
1.4 mm wide gouge
overall length 116 mm



05

FOREIGN BODY SPUDS · NEEDLES · GOUGES

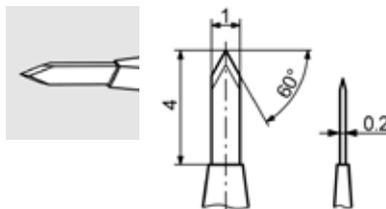
KNIVES DIAMOND KNIVES



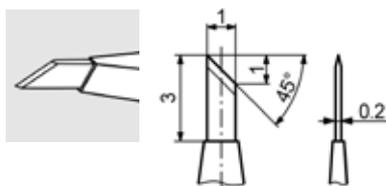
PARACENTESIS · SIDEPORT · UNIVERSAL	59
TRIFACET · CLEAR CORNEA	60
CRESCENT · STEP TRIFACET · LRI	61
MICROMETER · VISCOCANALOSTOMY · RETINAL SURGERY	62
KERATOME · CHALAZION · SCLERAL	63
CORNEAL SCARIFIER · DMEK SCRAPER	64
SATO	65
MICRO · CRVO	66



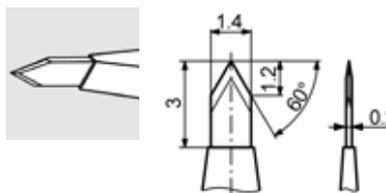
G-38475 **DIACLEAN DIAMOND KNIFE**
for paracentesis
1 mm wide spear
titanium handle
width 1.0 mm
length 4.0 mm
thickness 0.2 mm



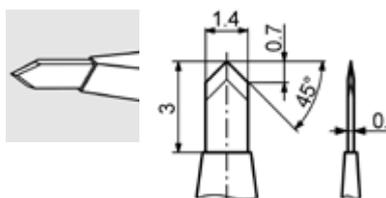
G-38344 **DIACLEAN DIAMOND KNIFE**
1 mm wide, 45° diamond blade
titanium handle
width 1.0 mm
length 3.0 mm
thickness 0.2 mm



G-38341 **DIACLEAN DIAMOND KNIFE**
60° spear diamond blade
titanium handle
width 1.4 mm
length 3.0 mm
thickness 0.2 mm



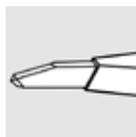
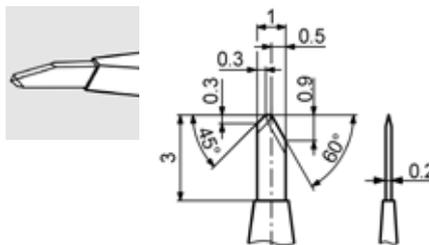
G-38343 **DIACLEAN DIAMOND KNIFE**
45° spear diamond blade
titanium handle
width 1.4 mm
length 3.0 mm
thickness 0.2 mm





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

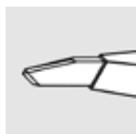
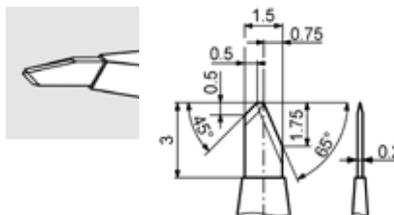


06



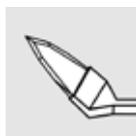
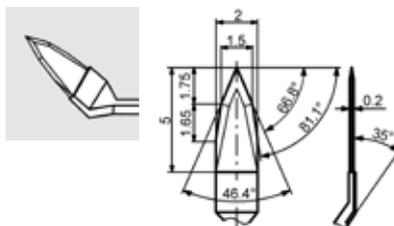
G-38473 PHAM DIACLEAN TRI-FACET DIAMOND KNIFE

titanium handle
 width 1.5 mm
 length 3.0 mm
 thickness 0.2 mm



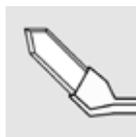
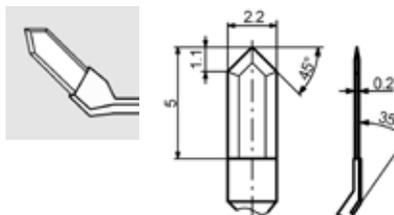
G-38448 DIACLEAN CLEAR-CORNEA-INCISION DIAMOND KNIFE, 1.5/2.0 mm

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

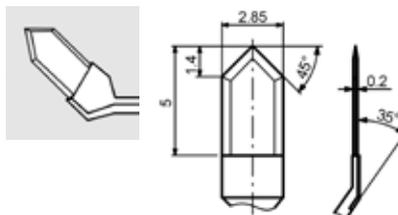
4 cutting edges, 35° angled
 titanium handle
 width 2.2 mm
 length 5.0 mm
 thickness 0.2 mm



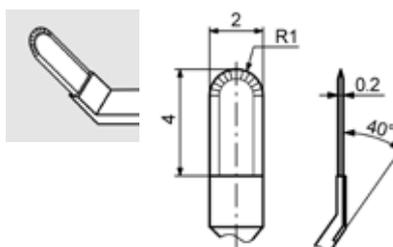
DIAMOND KNIVES: TRI-FACET · CLEAR CORNEA · TRAPEZOID · PHACO



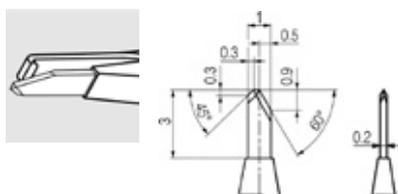
G-38453 **DIACLEAN CLEAR-CORNEA-INCISION
DIAMOND KNIFE, 2.85 MM**
4 cutting edges, 35° angled
titanium handle
width 2.85 mm
length 5.0 mm
thickness 0.2 mm



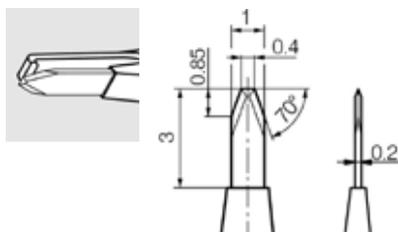
G-38466 **DIACLEAN DIAMOND
CRESCENT KNIFE, 2.0 MM**
round spatula shape, 40° angled
titanium handle
width 2.0 mm
length 4.0 mm
thickness 0.2 mm



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



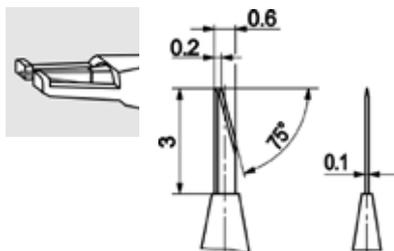
G-31468 **LIMBAL RELAXING INCISION
DIAMOND KNIFE**
LRI knife with 0.6 mm precalibrated depth
single footplate, titanium handle
width 1.0 mm
length 3.0 mm
thickness 0.2 mm



G-31480

DIAMOND MICROMETER KNIFE

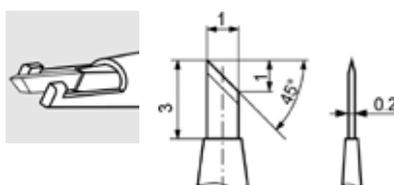
tri-facet for keratotomy
vertical and 15° cutting edges with
0.2 mm flat base cutting edge
double footplate, titanium handle
width 0.6 mm
length 3.0 mm
thickness 0.1 mm



G-19345

DIAMOND MICROMETER KNIFE

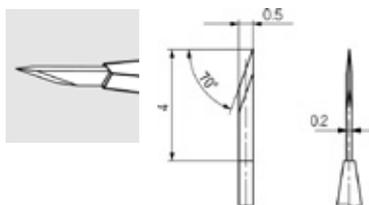
for keratotomy
single 45° cutting edge
double footplate, titanium handle
width 1.0 mm
length 3.0 mm
thickness 0.2 mm



G-31487

DIAMOND KNIFE

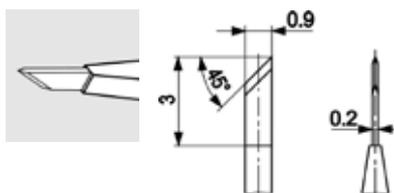
for viscocanalostomy
0.5 mm wide, 70° diamond blade
width 0.5 mm
length 4.0 mm
thickness 0.2 mm



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
fig. 1, 5.5 mm x 2.5 mm blade
fig. 2, 4.5 mm x 2.0 mm blade

G-14010
G-14020



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
G-33025
G-33026

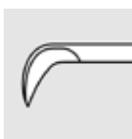
23 gauge / 0.6 mm
20 gauge / 0.9 mm
19 gauge / 1.1 mm



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



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



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



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





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



angled blade, 1.0 mm
G-12230



angled blade, 1.2 mm
G-12233



angled blade, 1.5 mm
G-12235

06

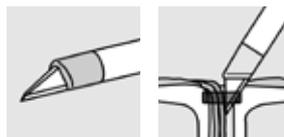
MICRO · CRVO



G-12200 **CRVO KNIFE**
 for Radial Opticus Neurotomy (RON)
 with Central Retinal Vein Occlusion (CRVO),
 20 gauge / 0.9 mm
 overall length 120 mm



G-12220 *DITHMAR*
CRVO KNIFE
 with preset incision depths at 1.5 mm,
 for radial opticus neurotomy (RON)
 with Central Retinal Vein Occlusion (CRVO),
 20 gauge / 0.9 mm
 overall length 129 mm



TREPHINES



BEST
TREPHINE
overall length 58 mm



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

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

G-31860	2.0 mm
G-31865	2.5 mm

SCHMIDT-MUMM
DUCT TREPHINE
overall length 38 mm



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

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

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

HAMBURG MODEL
KERATOPLASTY TREPHINE
overall length 40 mm



G-20040	4.0 mm
G-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
G-20110	11.0 mm
G-20112	12.0 mm

G-20113	13.0 mm
G-20114	14.0 mm
G-20115	15.0 mm
G-20116	16.0 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

G-20510	11.0 mm
G-20520	12.0 mm
G-20530	13.0 mm
G-20540	14.0 mm

G-20550	15.0 mm
G-20560	16.0 mm

FRANCESCHETTI
KERATOPLASTY TREPHINE
overall length 75 mm



G-17250	5.0 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



07

TREPHINES · PUNCH

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-33872	7.2 mm	G-33882	8.2 mm	G-33895	9.5 mm
G-33873	7.3 mm	G-33884	8.4 mm	G-33897	9.7 mm
G-33874	7.4 mm	G-33885	8.5 mm	G-33899	9.9 mm
G-33875	7.5 mm	G-33886	8.6 mm		
G-33876	7.6 mm	G-33887	8.7 mm		
G-33877	7.7 mm				
G-33878	7.8 mm				
G-33879	7.9 mm				

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



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



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



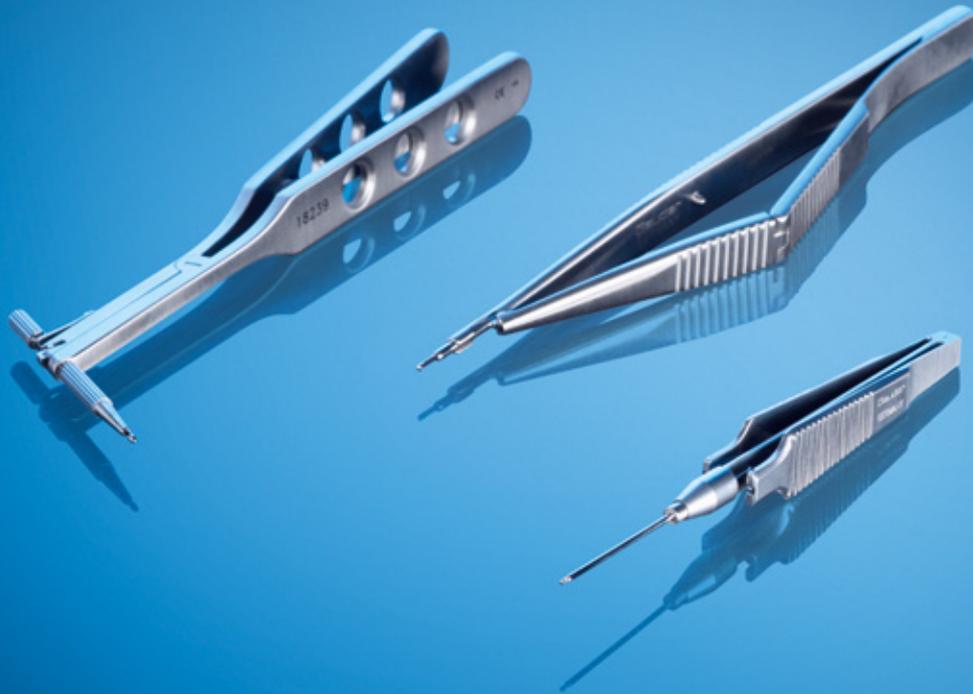
G-38620 *SZURMAN*
DMEK GRAFT RETAINER
for preparation of DMEK graft
white-colored
outside diameter 35 mm
height 10 mm
Teflon, for multiple use



07

SILICONE BLOCKS

GLAUCOMA PUNCHES RONGEURS



G-18210

CITELLI

BONE NIBBLING RONGEUR

3 mm x 4.5 mm bite
overall length 150 mm



scale 2:5



G-18220

BEYER

BONE NIBBLING RONGEUR

2 mm x 3 mm bite
overall length 140 mm



scale 2:5



G-18225

KERRISON

BONE NIBBLING RONGEUR

5 mm x 3.5 mm bite
overall length 160 mm



scale 2:5

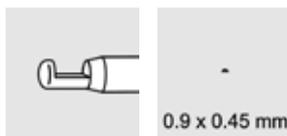


08

RONGEURS



G-18238 *KELLY*
DESCEMET'S MEMBRANE PUNCH
 for Glaucoma
 19 gauge / 1.0 mm
 0.9 mm x 0.45 mm bite
 overall length 122 mm



08

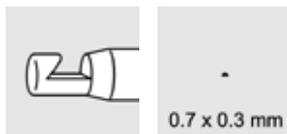
GLAUCOMA PUNCHES



G-18239 *LUNTZ-DODICK*
TRABECULECTOMY PUNCH
 for Glaucoma
 with 360° rotatable cutting head
 1 mm x 0.5 mm bite
 overall length 115 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

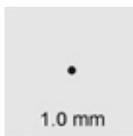




G-18237 *GASS*
CORNEOSCLERAL PUNCH
for Glaucoma
with 360° rotatable cutting head
1.5 mm x 0.6 mm bite
overall length 85 mm



G-18232 *MOHR*
GLAUCOMA PUNCH
1 mm circular bite
overall length 78 mm



SCISSORS



CORNEAL	81
CORNEAL · STITCH	82
SYNECHIA · TRABECULUM · CAPSULE	83
CAPSULE · IRIS	86
IRIS · IOL	87
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TENOTOMY · STRABISMUS	90
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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



MACKENSEN
KERATOPLASTY SCISSORS

strong curve, blunt tips
overall length 85 mm

G-19727



CORNEAL SECTION SCISSORS

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

G-19585



MICRO STITCH SCISSORS

straight, 8 mm blades
sharp tips
overall length 105 mm

G-19570



FINE
STITCH SCISSORS

straight, 14 mm blades
sharp tips
overall length 110 mm

G-19580



09

CORNEAL · CORNEAL SECTION · STITCH

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



09

CAPSULOTOMY · CAPSULE

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





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



OSHER
CAPSULE SCISSORS
 horizontal, 45° angled
 G-38236



OSHER
CAPSULE SCISSORS
 horizontal, 90° angled
 G-38238

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



09

CAPSULE (INTERCHANGEABLE AND ROTATABLE) · IRIS

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



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



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

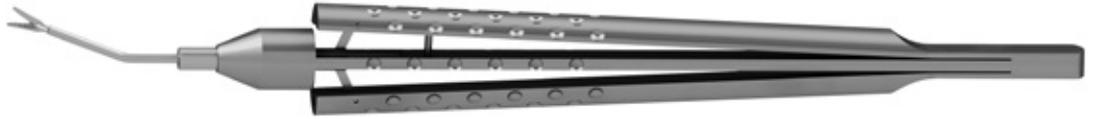


G-32946

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





SNYDER-OSHER

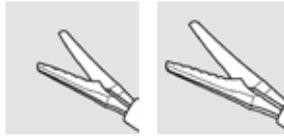
IOL SCISSORS

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



- 1. **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



G-17440

without lock

G-17441

with lock

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



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



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

G-19460

straight

G-19465

curved



EYE SCISSORS

straight, sharp tips

overall length: tip to pivot:

G-19350

90 mm

27 mm

G-19355

100 mm

29 mm

G-19360

115 mm

30 mm

G-19365

120 mm

36 mm



EYE SCISSORS

curved, sharp tips

overall length: tip to pivot:

G-19370

90 mm

27 mm

G-19375

100 mm

28 mm

G-19380

110 mm

29 mm

G-19385

120 mm

34 mm



EYE SCISSORS

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

G-19390

straight

G-19395

curved



BONN MODEL
EYE SCISSORS

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

G-19400

curved

G-19405

straight



G-19410

SPENCER
STITCH SCISSORS

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



09

UTILITY · STITCH · RING HANDLE

G-19450 *GRAEFE*
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



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



09

UTILITY · ENUCLEATION · RING HANDLE

20 GAUGE

VITREORETINAL SCISSORS

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



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



curved
with membrane peeler
G-36506 6 mm handle



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



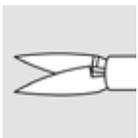
KROLL
angled, with membrane peeler
G-36516 6 mm handle
G-36518 8 mm handle



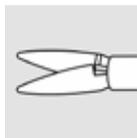
HEIMANN
angled
G-36526 6 mm handle
G-36528 8 mm handle



60° angled
G-36546 6 mm handle



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



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



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



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

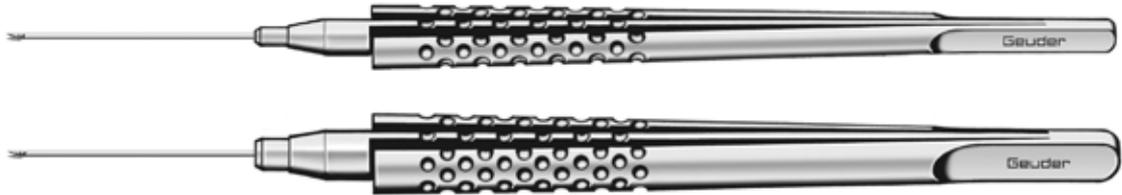


ROIDER
for RPE transplantation, vitrectomies
and retinectomies
G-36572 6 mm handle
G-36574 8 mm handle

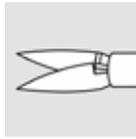
23 GAUGE

VITREORETINAL SCISSORS

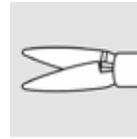
23 gauge / 0.6 mm
titanium handle
gold-colored
overall length 155 mm



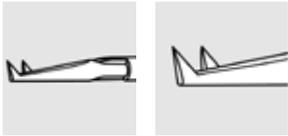
curved
G-36566 6 mm handle
G-36568 8 mm handle



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



HEIMANN
straight, blunt tips
G-36582 6 mm handle



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

VITREORETINAL 23 & 25 GAUGE

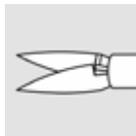
25 GAUGE

VITREORETINAL SCISSORS

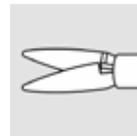
25 gauge / 0.5 mm
titanium handle
gold-colored



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



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



HEIMANN
straight, blunt tips
G-36592 6 mm handle

ERGOLINE

ERGOLINE SCISSORS

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

ERGOLINE HANDPIECE

for Ergoline scissors
gold-colored
overall length 105 mm
G-36900 6 mm titanium handpiece
G-36901 8 mm titanium handpiece



ERGOLINE SCISSORS

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



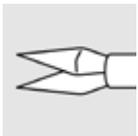
KROLL

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



HEIMANN

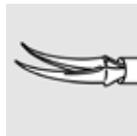
ERGOLINE SCISSORS
angled
20 gauge / 0.9 mm
G-36925



HEIMANN

ERGOLINE SCISSORS

straight
G-36930 20 gauge / 0.9 mm



NAITO

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



CLEANING ADAPTER

for rotatable and
interchangeable tips
G-36604

SINGLE-USE
INTERCHANGEABLE SCISSORS
AVAILABLE ON P. 221





CILIA · FOREIGN BODY	101
CONJUNCTIVA	102
SUTURING	103
SUTURING · COLIBRI STYLE · CORNEA	104
CORNEA · SUTURING · TYING	105
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CAPSULORHEXIS	113
NUCLEUS · SPREADING	120
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CHALAZION · PTOSIS	134
MOSQUITO · HEMOSTAT	135
TOWEL CLAMPS · SERREFINES	136

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



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



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



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



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



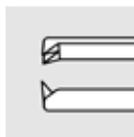
G-31620 *BARRAQUER*
CILIA AND SUTURE FORCEPS
grooved tips, 7.0 mm platform
curved and pointed
finger grip handle
overall length 112 mm



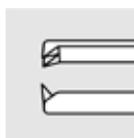
G-32740 *HAMBURG MODEL*
CILIA AND FOREIGN BODY FORCEPS
tapered fine tips
overall length 90 mm



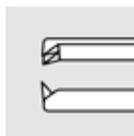
G-31230 *KREFELD MODEL*
CONJUNCTIVA FORCEPS
 standard
 1 x 2 teeth
 overall length 100 mm



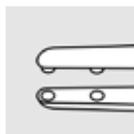
G-31235 *FREIBURG MODEL*
CONJUNCTIVA FORCEPS
 delicate
 1 x 2 teeth
 overall length 90 mm



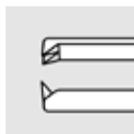
G-18847 *KAUFMANN*
CONJUNCTIVA FORCEPS
 standard
 1 x 2 teeth
 5 mm tying platform
 overall length 75mm



G-18810 *DRAEGER*
CONJUNCTIVA FORCEPS
 1.2 mm wide
 2 atraumatic fixation knobs
 overall length 97 mm

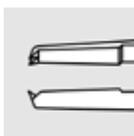


G-18848 *FOERSTER*
CONJUNCTIVA FORCEPS
 delicate
 1 x 2 teeth
 finger grip handle
 overall length 95 mm





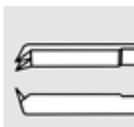
CASTROVIEJO
SUTURING FORCEPS
1 x 2 teeth
6 mm tying platform
overall length 100 mm



- G-19001** 0.28 mm, teeth 0.12 mm
- G-19005** 0.3 mm
- G-19010** 0.6 mm
- G-19015** 0.9 mm
- G-19020** 1.2 mm



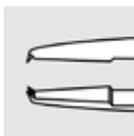
CASTROVIEJO
SUTURING FORCEPS
new model
1 x 2 teeth
6 mm tying platform
overall length 109 mm



- G-19022** 0.25 mm, teeth 0.12 mm
- G-19023** 0.3 mm
- G-19024** 0.5 mm
- G-19025** 0.9 mm
- G-19026** 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

G-18965

G-18966

straight

angled



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

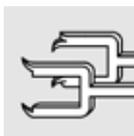


G-38623

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

PAUFIQUE

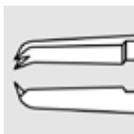
UNIVERSAL SUTURING FORCEPS

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

standard

G-18945

delicate



G-19045

PAUFIQUE

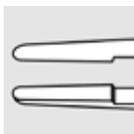
TYING FORCEPS

with platform
overall length 88 mm

standard, 6 mm platform

G-19046

delicate, 5 mm platform



G-19030

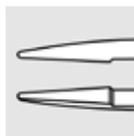
TUEBINGEN MODEL

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



10

TYING

G-19035

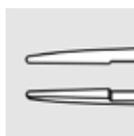
TUEBINGEN MODEL

TYING FORCEPS

delicate, smooth jaws

4 mm tying platform

overall length 84mm



7. G-19034

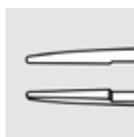
BONN MODEL

TYING FORCEPS

extra delicate, smooth jaws

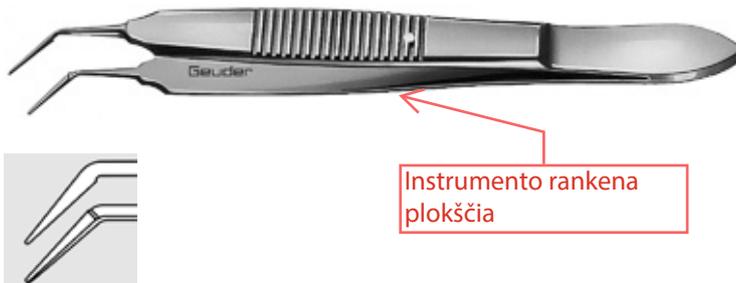
3 mm tying platform

overall length 73 mm



Instrumento rankena ploščica

14. **G-19032** **TYING FORCEPS**
angled, 7.5 mm
6 mm tying platform
overall length 99 mm



Instrumento rankena ploščica

G-31625 *DARDENNE*
TYING FORCEPS
angled, 6.5 mm
6 mm tying platform
round handle with guide pin
overall length 102 mm



G-19038 *BANGERTER*
TYING FORCEPS
9.5 mm platform
longitudinal v-shape groove
overall length 100 mm



G-19048 **TYING FORCEPS**
utility serrated jaws
1 mm wide
overall length 106 mm



10
TYING

G-32947

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

for use in combination with
 hybrid needle holder G-32949



G-31623

KELMAN-MCPHERSON
FRAGMENT FORCEPS
 angled, smooth jaws
 7.5 mm platform
 overall length 100 mm



G-33941

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



G-31622

GASKIN
FRAGMENT FORCEPS
 angled
 with tying platform
 9 mm platform, overall length 107 mm

G-31624

11 mm platform, overall length 100 mm



G-37700 **JEWELERS TYPE FORCEPS**
standard, straight
overall length 120 mm



G-37705 **JEWELERS TYPE FORCEPS**
delicate, straight
overall length 115 mm



G-37710 **JEWELERS TYPE FORCEPS**
extra delicate, straight
overall length 115 mm



G-19080 **BARRAQUER**
FIXATION FORCEPS
3 sets of 1 x 2 teeth
11 mm fixation platform
overall length 100 mm



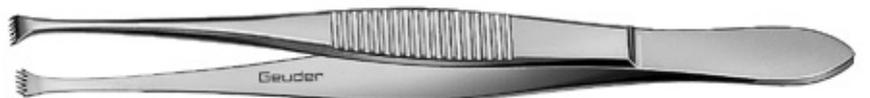
G-19050 **GRAEFE**
FIXATION FORCEPS
4.5 mm wide
8 interlocking teeth
overall length 110 mm
without lock

G-19055
with lock



Instrumento rankena
plokščia

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

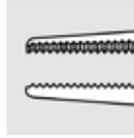


8.

DRESSING FORCEPS

serrated jaws
overall length 100 mm

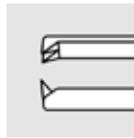
- G-18780 0.5 mm
- G-18781 0.7 mm
- G-18782 1.0 mm
- G-18783 1.2 mm
- G-18784 1.4 mm



TISSUE FORCEPS

1 x 2 teeth
overall length 100 mm

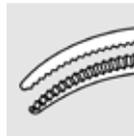
- G-18790 0.5 mm
- G-18791 0.7 mm
- G-18792 1.0 mm
- G-18793 1.2 mm
- G-18794 1.4 mm



IRIS FORCEPS

serrated, delicate
overall length 73 mm
straight
curved

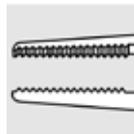
- G-18855
- G-18856



BONN MODEL
IRIS FORCEPS

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

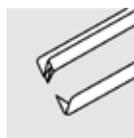
- G-18908
- G-18906
- G-18911



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

- 10. G-18900
- 11. G-18905
- G-18910



Pinceto rankena ploščica

BONN MODEL

IRIS FORCEPS

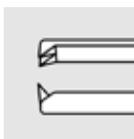
long, straight
1 x 2 teeth, 0.12 mm
overall length 102 mm

G-18845

extra delicate

G-18890

delicate, with 4.5 mm tying platform

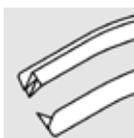


G-18840

SWISS MODEL

IRIS FORCEPS

curved, 1 x 2 teeth
overall length 100 mm

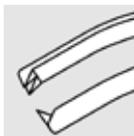


G-18860

HEIDELBERG MODEL

IRIS FORCEPS

light curve, 1 x 2 teeth
overall length 72 mm



G-18870

HEIDELBERG MODEL

IRIS FORCEPS

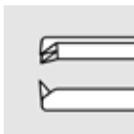
strong curve, 1 x 2 teeth
overall length 70 mm



G-18857

IRIS FORCEPS

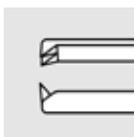
straight, delicate
1 x 2 teeth
overall length 72 mm



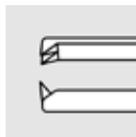
G-31953

IRIS FORCEPS

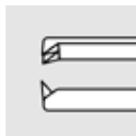
straight, strong
1 x 2 teeth
overall length 72 mm



G-18846 *HAMBURG MODEL*
IRIS FORCEPS
 straight, delicate
 1 x 2 teeth
 overall length 103 mm

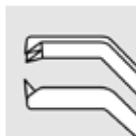


9. **G-32240** *SWISS MODEL*
IRIS FORCEPS
 straight, extra delicate
 1 x 2 teeth
 overall length 70 mm



Pinceto rankena ploščica

G-18880 *HESS-ENGELKING*
IRIS FORCEPS
 1 x 2 teeth
 overall length 72 mm



10

IRIS FIXATION

G-18897 *ELZE*
IRIS FORCEPS
 extra delicate
 1 x 2 teeth
 overall length 78 mm



G-18913 *THOMAS NEUHANN*
IRIS FORCEPS
 curved shaft
 1 x 2 teeth
 23 gauge / 0.6 mm
 overall length 95 mm

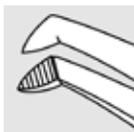


G-31307

UTRATA

CAPSULORHEXIS FORCEPS

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



G-31308

CAPSULORHEXIS FORCEPS

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



G-31300

MASKET

CAPSULORHEXIS FORCEPS

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



G-31304

CAPSULORHEXIS FORCEPS

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



G-31301

CAPSULORHEXIS FORCEPS

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



G-31305

CAPSULORHEXIS FORCEPS

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



10

CAPSULORHEXIS

G-31303

H.-R. KOCH
CAPSULORHEXIS FORCEPS

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



G-31299

CAPSULORHEXIS FORCEPS

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



G-32926

AUFFARTH

MICS DOUBLE CROSS ACTION CAPSULORHEXIS FORCEPS

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



G-32928

INAMURA

MICS CAPSULORHEXIS FORCEPS

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

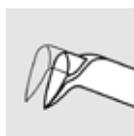


G-31306

KAMPIK

MICS CAPSULORHEXIS FORCEPS

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



G-32935

H.-R. KOCH

MICS CAPSULE FORCEPS

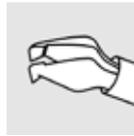
short handle
22 gauge / 0.7 mm curved shaft with
micro grasping tips
overall length 98 mm



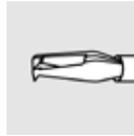
G-19150 *ARRUGA*
CAPSULE FORCEPS
 calibrated, delicate



G-32938 *H.-R. KOCH*
MICS CAPSULE FORCEPS
 22 gauge / 0.7 mm curved shaft with
 micro grasping tips
 6 mm titanium handle, blue-colored
 overall length 144 mm



G-32936 *TOBIAS NEUHANN*
MICRO FORCEPS
 multifunction asymmetrical tips with
 grasping platform
 23 gauge / 0.6 mm straight shaft
 6 mm titanium handle, blue-colored
 overall length 155 mm



G-32937 *IKEDA*
MICS CAPSULORHEXIS FORCEPS
 23 gauge / 0.6 mm curved shaft with
 micro grasping tips
 6 mm titanium handle, blue-colored
 overall length 144 mm



IKEDA
CAPSULORHEXIS FORCEPS
 interchangeable tips
 23 gauge / 0.6 mm curved shaft
 overall length 40 mm
G-38244 textured, micrograsping tips "BEAK"
G-38242 textured, micrograsping tips



G-38244
 "beak"

G-38242

for use with handle G-38240

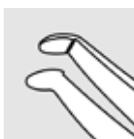
G-38240 *JAPAN MODEL*
HANDLE
for capsule scissors and forceps
interchangeable tips
6 mm, titanium
overall length 90 mm



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



G-18805 *TOBIAS NEUHANN*
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

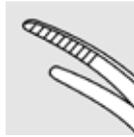




G-38634 *GERTEN*
DSAEK/DMEK RHEXIS FORCEPS
 for Descemetorhexis
 reversed triangular tips to
 score and remove the DM from the host cornea
 23 gauge / 0.6 mm curved shaft
 overall length 142 mm



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 *PFAEFFL*
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

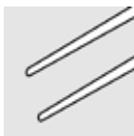
curved 3.25 mm T-bar
textured
to grasp and lift LASIK flaps
overall length 102 mm



G-31899

LASIK CORNEAL FLAP FORCEPS

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

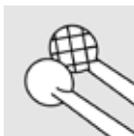


G-18914

BURATTO

LASIK CORNEAL FLAP FORCEPS

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



G-33960

RUPAL SHAH

LENTICULE FORCEPS

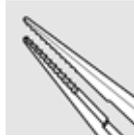
3.5 mm serrated tips
20 gauge / 0.9 mm curved shaft
to retrieve lenticule during SMILE procedures
6 mm titanium handle, blue-colored
overall length 144 mm



G-33961

LENTICULE FORCEPS

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



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

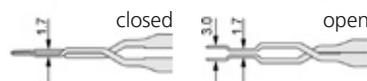


G-31720

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



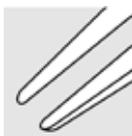
G-31724 *AKAHOSHI*
UNIVERSAL PRECHOPPER
for micro-incisions, cross action, straight
round handle
overall length 120 mm



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



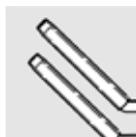
G-18930

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



G-31962

KOHLEN
IMPLANTATION FORCEPS
 silicone tube coated
 10 mm angled shafts
 overall length 107 mm



G-18918

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

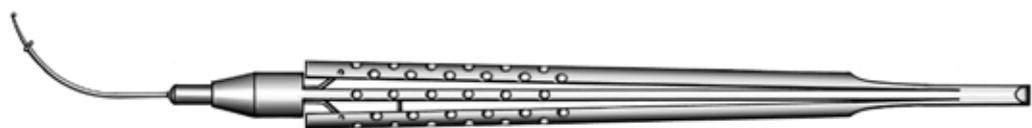




G-18919 *DICK*
IOL HAPTIC EXPANDER
for enclavation of iris-fixated IOLs
21 gauge / 0.8 mm curved shaft
overall length 140 mm



G-18944 *TOBIAS NEUHANN*
IMPLANTATION FORCEPS
for retropupillary implantation of Iris-Claw-IOL
0.9 mm wide holding surface
20 gauge / 0.9 mm curved shaft
overall length 143 mm



G-18928 *SEKUNDO*
IMPLANTATION FORCEPS
for retropupillary implantation of Iris-Claw-IOL
20 gauge / 0.9 mm curved shaft with
lens holding plate, three-point fixation
and IOL centration guide mark
6 mm titanium handle, blue-colored
overall length 143 mm



G-31902 **FOLDER**
foldable IOL insertion forceps
cross action
6.5 mm concave jaws
overall length 103 mm



G-31903

SPALECK
FOLDER

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



G-31908

FOLDER

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



G-31994

H.-R. KOCH
PREFOLDER

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



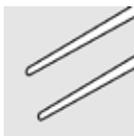
G-31905

H.-R. KOCH
FOLDER

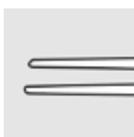
for foldable 3-piece IOLs
6.0 mm concave jaws
overall length 92 mm



G-31901 **HOLDING FORCEPS**
for foldable IOLs
highly polished round and smooth shafts
overall length 108 mm



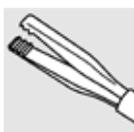
G-18941 *STROBEL*
HOLDING FORCEPS
for Pharmacia CeeOn Edge IOL
overall length 110 mm



G-32823 **EXPLANTATION FORCEPS**
for soft IOLs
2.0 mm x 1.4 mm paddle tip with
interlocking serrations and guide pin
overall length 108 mm

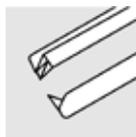


1. **G-32997** *SNYDER-OSHER*
IOL FORCEPS
to hold the IOL while cutting it inside
the capsular bag
2 mm long jaws with 0.5 mm serrated tips
22 gauge / 0.7 mm lightly curved shaft
overall length 99 mm



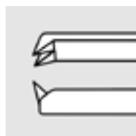
G-18820

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



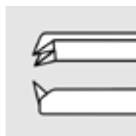
G-18800

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



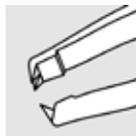
G-18795

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

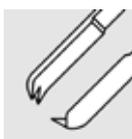


G-19105

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



G-32335 *CASTROVIEJO*
SUPERIOR RECTUS FORCEPS
angled with tying platform
1 x 2 teeth, 0.9 mm
overall length 100 mm



G-19112 *BANGERTER*
MUSCLE FORCEPS
10 teeth
self retaining
overall length 100 mm



G-19120 *SATTLER*
MUSCLE FORCEPS
with slide lock
overall length 100 mm
G-19125 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

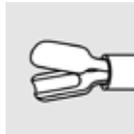




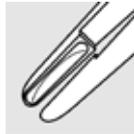
G-33434 *PFENNIGWERTH*
HOLDING FORCEPS
 for vitreoretinal lenses
 curved with concave lens holding tips
 overall length 110 mm



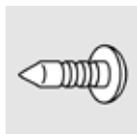
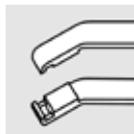
G-33438
FORCEPS
 for *HEIMANN* retinal tacks
 overall length 100 mm



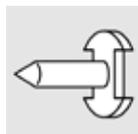
G-33439
SCLERAL PLUG FORCEPS
 cross action handle, angled jaws
 to securely hold plugs during insertion
 and removal
 overall length 105 mm



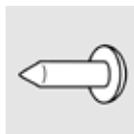
G-31570
SCLERAL PLUG FORCEPS
 to securely hold plugs during insertion
 and removal
 overall length 100 mm



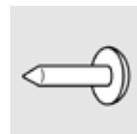
G-33432
SCLERAL PLUG
 serrated,
 20 gauge / 0.9 mm



G-33436
SCLERAL PLUG
 to suture onto sclera
 20 gauge / 0.9 mm



G-33435
SCLERAL PLUG
 20 gauge / 0.9 mm



G-33441
SCLERAL PLUG
 23 gauge / 0.6 mm

G-33752

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



G-33032

HOERAUF
SPREADING FORCEPS
for silicone oil removal



G-37420

BARTZ-SCHMIDT
TROCAR CLOSURE FORCEPS
with function for bulbus fixation
overall length 72 mm



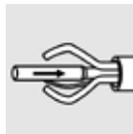
G-37430

TROCAR FORCEPS
for trocar systems with groove
overall length 110 mm



G-33831

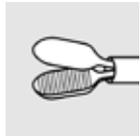
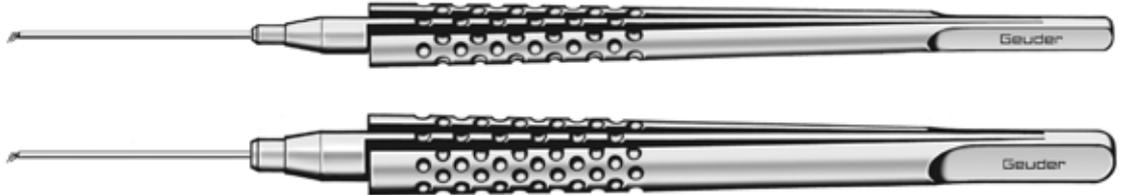
REIMANN
VITREORETINAL FORCEPS
for foreign body removal
with retractable magnet and 3-prongs
14 gauge / 2.1 mm straight shaft
shaft length 35 mm
overall length 138 mm



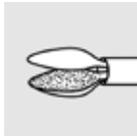
20 GAUGE

VITREORETINAL FORCEPS

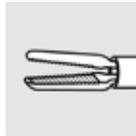
20 gauge / 0.9 mm
 6 mm and 8 mm diameter handles
 titanium, blue-colored
 overall length 155 mm



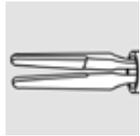
straight
 serrated tips
G-36202 6 mm handle
G-36204 8 mm handle



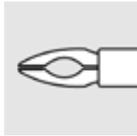
straight
 textured tips
G-36206 6 mm handle
G-36208 8 mm handle



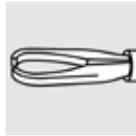
straight
 serrated "crocodile" tips
G-36256 6 mm handle
G-36258 8 mm handle



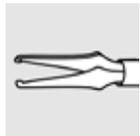
straight
 silicone coated
G-36212 6 mm handle
G-36214 8 mm handle



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



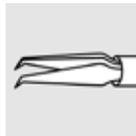
A. MUELLER
 for retinal vessels / sheatotomy
G-36334 8 mm handle



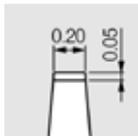
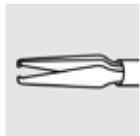
straight
 grip tips
G-36216 6 mm handle
G-36218 8 mm handle



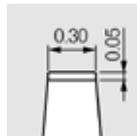
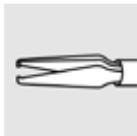
90° angle
 pointed tips
G-36278 8 mm handle



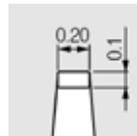
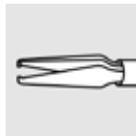
NAITO
 ILM
G-36316 6 mm handle
G-36318 8 mm handle



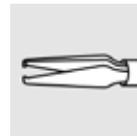
straight
 endgripping, extra delicate
 0.2 mm x 0.05 mm
G-36292 6 mm handle
G-36294 8 mm handle



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



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



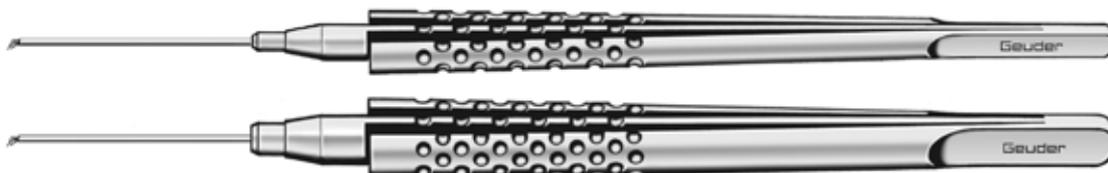
straight
 endgripping
 0.3 mm x 0.1 mm
G-36306 6 mm handle

10
 VITREORETINAL 20 GAUGE

20 GAUGE

VITREORETINAL FORCEPS

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



90° angle
membrane peeler
G-36228 8 mm handle



45° angle
membrane peeler
G-36232 6 mm handle



45° angle
G-36222 6 mm handle



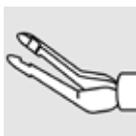
membrane peeler tips
G-36252 6 mm handle
G-36254 8 mm handle



curved
membrane dissector
G-36266 6 mm handle



45° angle
membrane dissector
G-36272 6 mm handle
G-36274 8 mm handle



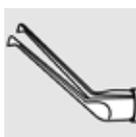
45° angle
horizontal subretinal
G-36236 6 mm handle
G-36238 8 mm handle



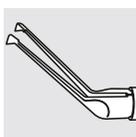
45° angle, vertical tips
subretinal
G-36246 6 mm handle
G-36248 8 mm handle



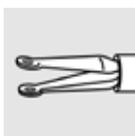
angled, extra delicate
3.0 mm tips
G-36336 6 mm handle



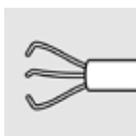
angled, extra delicate
4.5 mm tips
G-36326 6 mm handle
G-36328 8 mm handle



KIRCHHOF
angled, extra delicate
4.5 mm tips with hooks
for RPE translocation
G-36352 6 mm handle



straight
circular tips
G-36242 6 mm handle

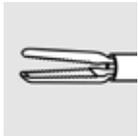
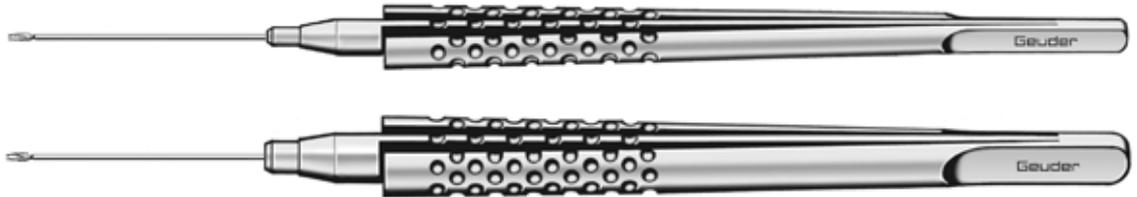


foreign body forceps
G-36262 6 mm handle
G-36264 8 mm handle

23 GAUGE

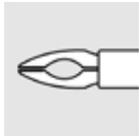
VITREORETINAL FORCEPS

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



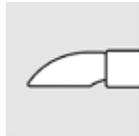
straight
 serrated "crocodile" tips

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



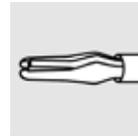
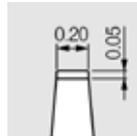
TANO
 straight, serrated tips

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



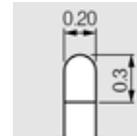
straight
 endgripping, extra delicate
 0.2 mm x 0.05 mm

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



straight
 grip tips

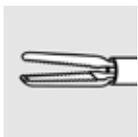
G-36286 6 mm handle
G-36288 8 mm handle



25 GAUGE

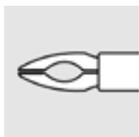
VITREORETINAL FORCEPS

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



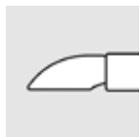
straight
 serrated "crocodile" tips

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



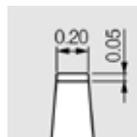
TANO
 straight, serrated tips

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



straight
 endgripping, extra delicate
 0.2 mm x 0.05 mm

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



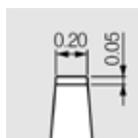
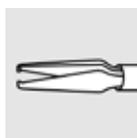
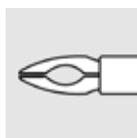
ERGOLINE

ERGOLINE FORCEPS

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

ERGOLINE HANDPIECE

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



TANO

ERGOLINE FORCEPS

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

ERGOLINE FORCEPS

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

SINGLE-USE
INTERCHANGEABLE FORCEPS
AVAILABLE ON P. 222



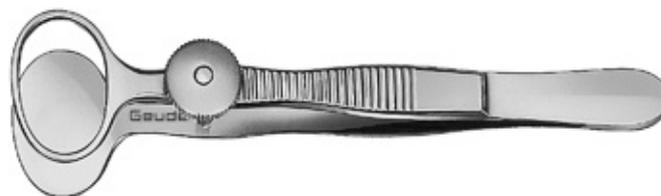
G-18680 *LAMBERT*
CHALAZION FORCEPS
 round, 9 mm inside diameter
 solid and fenestrated plates
 overall length 92 mm



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



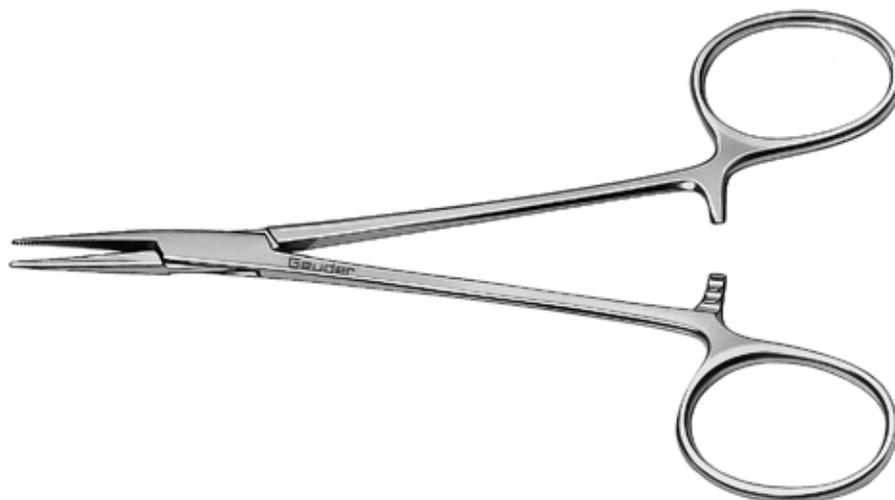
HARTMANN
MOSQUITO FORCEPS
serrated
18 mm jaws
overall length 100 mm
straight
curved

G-18170
G-18171



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

G-18180
G-18181



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

4.

G-18185
G-18182





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



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

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



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



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



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



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



NEEDLE HOLDERS



*BARRAQUER***NEEDLE HOLDER**

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

G-17500
G-17501

*BARRAQUER***NEEDLE HOLDER**

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

G-17505
G-17506

*JACOBI***NEEDLE HOLDER**

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

G-17451
G-17453

*JACOBI***NEEDLE HOLDER**

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

G-17450
G-17452

*BARRAQUER***NEEDLE HOLDER**

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

G-17461
G-17463

*BARRAQUER***NEEDLE HOLDER**

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

G-17460
G-17462



BARRAQUER-TROUTMAN
NEEDLE HOLDER

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

G-32260
G-32261



BARRAQUER-TROUTMAN
NEEDLE HOLDER

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

G-17535
G-17530



BARRAQUER
NEEDLE HOLDER

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

G-17510
G-17511



BARRAQUER
NEEDLE HOLDER

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

G-17515
G-17516



*BARRAQUER***NEEDLE HOLDER**

11 mm delicate jaws
1.1 x 0.75 mm tips
handle diameter 10 mm
overall length 140 mm
curved, without lock
G-17525 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



G-32320

G-32321

*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
G-32321 curved, with lock

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

without lock

G-17441

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

straight, cross serrated jaws

G-17615

curved, cross serrated jaws



ARRUGA

NEEDLE HOLDER

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

G-17640

G-17645

G-17660

HEIDELBERG MODEL

NEEDLE HOLDER

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



G-17650

BOYNTON

NEEDLE HOLDER

straight
with ratchet lock
overall length 120 mm

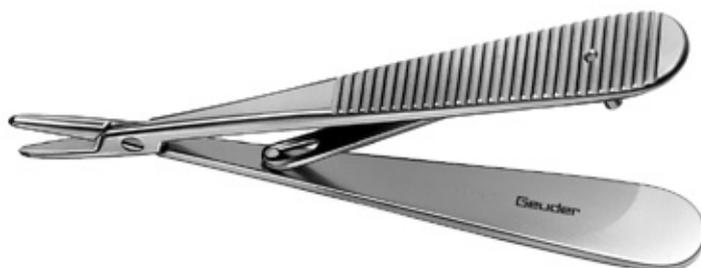


G-17665

ROHRSCHEIDER

NEEDLE HOLDER

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



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



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



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



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

MANIPULATORS
 CHOPPERS, FIXATION RINGS
 HOOKS, SPATULAS
 LENS LOOPS



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G-37440

HATTENBACH
GLOBE FIXATION RING
for transconjunctival PPV
12 mm inside diameter



G-33755

THORNTON
FIXATION RING
16 mm inside diameter
12 atraumatic teeth



G-31490

FINE-THORNTON
FIXATION RING
for clear cornea and refractive procedures
16 mm inside diameter, 10 mm opening
12 atraumatic teeth



G-31491

FINE-THORNTON
FIXATION RING
for clear cornea and refractive procedures
13 mm inside diameter, 10 mm opening
9 atraumatic teeth



G-33757

FINE-THORNTON

FIXATION RING

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



G-33758

FINE-THORNTON

FIXATION RING

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



G-33759

FINE-THORNTON

FIXATION RING

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



blunt

G-37425

**FIXATION, HOLDING AND
MEASURING INSTRUMENT**

for trocar system, radius 3.5 mm



G-33708

FOERSTER

**FIXATION RING WITH
SCLERAL DEPRESSOR**

inside diameter 6.5 mm





Instrumento rankena grublėtu paviršiumi

YAMANE

DOUBLE NEEDLE STABILIZER

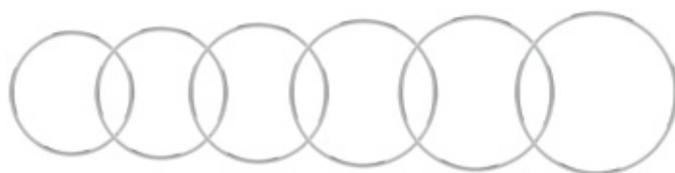
Fixation ring for intrascleral IOL fixation with double needle technique
overall length 110 mm
for 30 gauge needles
for 27 gauge needles

- 2. **G-31496**
- G-31497**

FLIERINGA

SCLERAL FIXATION RING

- G-15065** 15 mm
- G-15070** 16 mm
- G-15075** 17 mm
- G-15080** 18 mm
- G-15085** 19 mm
- G-15090** 20 mm



NUCLEUS CHOPPERS · FIXATION RING

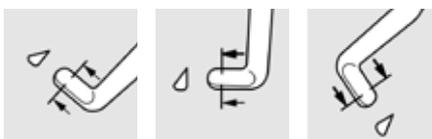


- G-32505**

THOMAS NEUHANN

NUCLEUS DIVIDING HOOK

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



Instrumento rankena apvali

- 5. **G-31500**
- G-31501**
- G-31502**

MIYOSHI

NUCLEUS DIVIDING HOOK

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

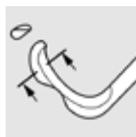
universal
G-31500

left hand
G-31501

right hand
G-31502

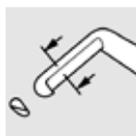
G-31504

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



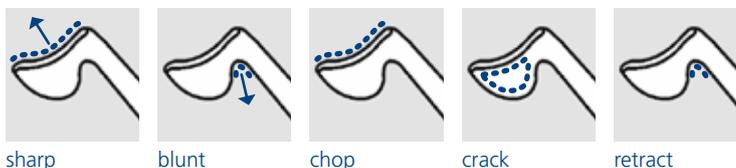
G-31503

ZIRM
NUCLEUS DIVIDING HOOK
1.5 mm inner edge
overall length 104 mm



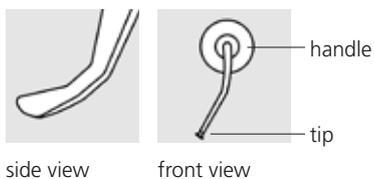
G-31509

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



G-32500

TOBIAS NEUHANN
CHOPPER
paddle shape nucleus divider
0.5 mm wide tip
overall length 108 mm



NUCLEUS CHOPPERS

12

G-32282

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



G-31505

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-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

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



G-16181

G-16182

LIEBERMAN

MICROFINGER

Nucleus Manipulator
1.5 mm curved microfinger
overall length 103 mm

for use in right hand

for use in left hand



G-31727

AKAHOSHI

NUCLEUS SUSTAINER

to manipulate and sustain nucleus
used in combination with prechopper

0.5 mm ball tip

1.8 mm angled

overall length 100 mm



G-16185

DRYSDALE

**NUCLEUS MANIPULATOR AND
ANTERIOR CAPSULE POLISHER**

to manipulate, rotate, and divide the nucleus

1.0 mm x 1.5 mm paddle shaped tip

overall length 100 mm



G-32160

THOMAS NEUHANN
NUCLEUS ROTATOR

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



G-32034

HENNIG / FRIEDRICH
LENS EXTRACTION HOOK

(Hefri Hook)
overall length 105 mm



G-32550

MAINZ MODEL
LENS MANIPULATOR

straight
0.15 mm diameter tip
overall length 114 mm



12

G-32556

MAINZ MODEL
MANIPULATOR

vaulted
0.15 mm diameter tip
overall length 109 mm



G-16160

G-16161

JACOBI
LENS MANIPULATOR

vaulted
overall length 99 mm
for 0.3 mm IOL hole
for 0.2 mm IOL hole



G-16166

SINSKEY

MARKING HOOK

diameter 0.2 mm, round tip
flat handle



G-16167

SINSKEY

LENS MANIPULATION HOOK

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



G-32557

BREMEN MODEL

LENS MANIPULATOR

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



G-32555

RENTSCH

LENS MANIPULATOR AND HOOK

straight
0.18 mm diameter boat hook
overall length 137 mm



G-32530

FRANKFURT MODEL

MANIPULATOR

straight
0.18 mm diameter lens hook
overall length 137 mm



G-32275

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



G-32276

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



G-16169

TAN DOGAN
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
6 mm wide
10 mm wide
12 mm wide

G-15720
G-15725
G-15730



G-15731 *BEHRENS-BAUMANN*
ORBITAL SPATULA
with aspiration
10 mm wide, lightly curved
overall length 137 mm



SAUTTER
ORBITAL SPATULA
overall length 142 mm
22 x 13 mm curved plate
22 x 19 mm curved plate

G-15740
G-15750



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



6. **G-15758** **KERATOPLASTY
SPATULA**
perforated

Instrumento rankena
plokščia



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

KERATOPLASTY · SYNECHIAE SPATULAS

12



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



12

G-15390

FRANKFURT MODEL
IRIS SPATULA

0.9 mm wide, curved
overall length 125 mm



G-15391

FRANKFURT MODEL
IRIS SPATULA

extra delicate
0.25 mm wide, curved
overall length 125 mm



G-32729

IRIS SPATULA

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



G-31975

BANGERTER
IRIS SPATULA

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

G-31980

1.0 mm wide

G-31980

1.5 mm wide

G-31985

2.0 mm wide



G-15360

BANGERTER
IRIS SPATULA

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

G-15365

1.0 mm wide

G-15370

1.5 mm wide

2.0 mm wide



G-15755

ESSEN MODEL
SPATULA

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





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



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



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



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



G-33935

RAU

LASEK SPATULA

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



G-38607

DESCEMET INCISION HOOK

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



G-38608

DESCEMET SCRAPER

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



G-38622

SZURMAN

DMEK PREPARATION SPATULA

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



G-38604

THOMAS NEUHANN

ENDOTHELIAL INSERTION SPATULA

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



G-33966

DICK

FEMTOCATARACT SPATULA

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



G-33967

BREYER

FEMTOCATARACT SPATULA

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



G-33968

HOFFMANN

**FEMTOCATARACT NUCLEUS ROTATOR
AND CHOPPER**

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

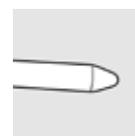


G-33950

CHANSUE

FEMTO DOUBLE INSTRUMENT

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



G-33952

CHANSUE

FEMTO DOUBLE INSTRUMENT

conical lenticule spatula, 9 mm long, vaulted
hook, 2 mm long, angled
overall length 115 mm

to open the incision, delineate the edge
of the lenticules and separate the interfaces
during SMILE procedures



G-33954

GUELL

FEMTO DOUBLE INSTRUMENT

1.25 mm wide spoon-shaped spatula,
lightly curved
2 mm long hook, angled
overall length 113 mm

to open the incision, delineate the edge
of the lenticules and separate the interfaces
during SMILE procedures



G-33940

BLUM

FEMTO-LASIK ROUND SPOON

spoon-shaped spatula, 1.25 mm wide
semi-sharp, bevel up, vaulted
overall length 105 mm

to undermine, lift and reposit LASIK flaps
created with a femtosecond laser



G-33942

BREYER

FEMTO-LASIK DOUBLE-ENDED INSTRUMENT

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



G-33427

PFAEFFL

FEMTO FLAP LIFTER

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



G-33943

PFAEFFL

FEMTO FLAP LIFTER

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



G-33958

PFAEFFL-BREYER

FEMTO FLAP LIFTER

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



G-33959

BREYER

FEMTO-LASIK HOOK INSTRUMENT

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





G-33944

KOHNEN

FEMTO-LASIK DOUBLE-ENDED INSTRUMENT

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



G-19137

CUEPPERS

STRABISMUS MUSCLE TUCKER

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



G-32726

MUENSTER MODEL

SUTURE HOOK

hook 5 mm
overall length 149 mm



G-15799

GRAEFE
STRABISMUS HOOK
short, 5 mm
overall length 130 mm



G-15800

GRAEFE
STRABISMUS HOOK
small, 8 mm
overall length 131 mm



G-15805

GRAEFE
STRABISMUS HOOK
medium, 10 mm
overall length 133 mm



G-15810

GRAEFE
STRABISMUS HOOK
large, 12 mm
overall length 137 mm



G-32915

HAMBURG MODEL
STRABISMUS HOOK
10 mm long
slim 1 mm diameter hook
overall length 135 mm





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



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



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

Instrumento rankena
plokščia



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



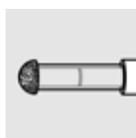
G-37435

HATTENBACH
HORSESHOE-HOOK
to pull the trocars off the lance
and to remove the trocars from the sclera
overall length 98 mm

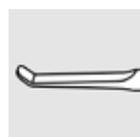


G-37551

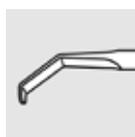
BARTZ-SCHMIDT
ILM-SCRAPER
20 gauge / 0.9 mm
diamond dusted tip



MEMBRANE SPATULAS



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



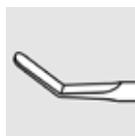
angled at 2 mm and 4 mm
G-37535 20 gauge / 0.9 mm



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



LUCKE
curved
G-37515 20 gauge / 0.9 mm



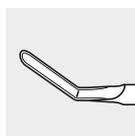
2.5 mm angled
G-37525 20 gauge / 0.9 mm



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



with ball tip
angled at 2.0 mm
G-37550 20 gauge / 0.9 mm



SPATULA KNIFE
all edges sharp
5.0 mm, angled
G-37560 20 gauge / 0.9 mm



ZENONI
with pointed tip
G-37558 25 gauge / 0.5 mm

MEMBRANE SPATULAS

12



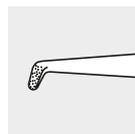
MEMBRANE PEELERS



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



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



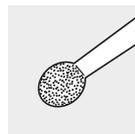
for MIS
textured, angled
G-37501 20 gauge / 0.9 mm



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



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



HEM-STOPPER
G-37549 20 gauge / 0.9 mm



G-37580

HANSEN
MICRO HOOK

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



SCLERAL DEPRESSORS LOCALIZERS





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



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



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



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



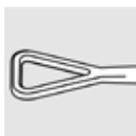
G-15710 *MEYER-SCHWICKERATH*
LOCALIZER AND SCLERAL DEPRESSOR
 for fixation and rotation



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



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



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



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

PROBES DILATORS



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



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



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



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



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



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



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



KELLNAR

RETROGRADE PROBE

for canalicular repair
0.5 mm suture hole
overall length 95 mm

G-15050

right

G-15055

left



G-15095

PIGTAIL PROBE

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



G-15096

PIGTAIL PROBE

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



LACRIMAL PROBES · CORNEAL IMPLANT PROBES

14

G-37602

PROBE FOR STROMAL CHANNEL

for corneal implants in patients with
keratoconus
overall length 115 mm

G-37604

bent to the left

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



G-15105

MACKENSEN

TRABECULAR PROBE

7 mm curved probe
overall length 92 mm

- G-15105 right
- G-15110 left



G-15125

HARMS

TRABECULAR PROBE

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

- G-15125 right
- G-15130 left



14

THOMAS NEUHANN

U-SHAPED PROBE

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

- G-15136 0.30 mm probe diameter
- G-15138 0.25 mm probe diameter



G-15137

THOMAS NEUHANN

HOLDER

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



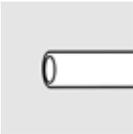
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LACRIMAL CANNULA
conical, straight
tapers from 19 to 25 gauge
25 mm shaft
silver
stainless steel

G-33140
G-33135




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

G-15140
G-15141




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

G-15150
G-15151



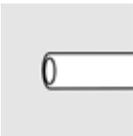

LACRIMAL CANNULA
conical, angled at 18 mm
tapers from 19 to 25 gauge
25 mm shaft
silver
stainless steel

G-15160
G-15161



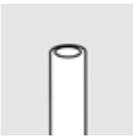

ANEL
LACRIMAL CANNULA
straight
15 mm shaft
23 gauge / 0.64 mm

G-15190

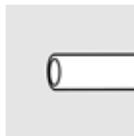



ANEL
LACRIMAL CANNULA
strongly curved
16 mm shaft
23 gauge / 0.64 mm

G-15195




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



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



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

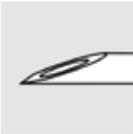


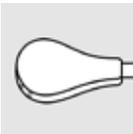
- G-33197** *JUENEMANN*
LACRIMAL PROBE CANNULA
 to insert suture material
 21 gauge / 0.8 x 35 mm

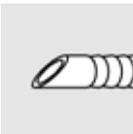


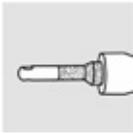
- G-33198** *JUENEMANN*
LACRIMAL PROBE CANNULA
 with grip plate
 65 mm probe
 to insert suture material
 21 gauge / 0.8 x 65 mm



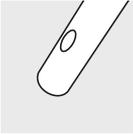
<p>G-15375 G-32605 G-32600 G-15376 G-15377</p>	<p>RETROBULBAR INJECTION CANNULA 24 gauge / 0.6 x 60 mm 24 gauge / 0.6 x 35 mm 25 gauge / 0.5 x 35 mm 25 gauge / 0.5 x 50 mm 25 gauge / 0.5 x 40 mm</p>		
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<p>G-15200</p>	<p><i>CRANZ</i> EYE DOUCHE irrigation through five front ports silver</p>		
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<p>G-33416</p>	<p><i>BOPP</i> ANTERIOR CHAMBER INFUSION CANNULA anterior chamber maintainer with threaded tip for better fixation and silicone tube 20 gauge / 0.9 mm</p>		
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<p>G-33422</p>	<p><i>BONN MODEL</i> ANTERIOR CHAMBER INFUSION CANNULA self-retaining textured tip dual 0.35 mm side ports silicone tube 15 cm 23 gauge / 0.6 mm</p>		
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<p>G-16105</p>	<p>IRRIGATION CYSTOTOME CANNULA 26 gauge / 0.45 mm</p>		
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<p>G-15220</p>	<p>ENZYME CANNULA 24 gauge / 0.6 mm</p>		
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G-15275 CYCLODIALYSIS SPATULA CANNULA

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



G-31355 BUSSE CYCLODIALYSIS SPATULA CANNULA

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

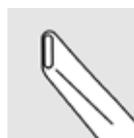


SAUTTER HYDRODISSECTION CANNULA

front opening
flattened tip

- 12. **G-15250**
- G-32166**
- 13. **G-32167**

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



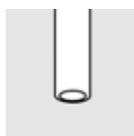
G-32155 TUEBINGEN MODEL HYDRODISSECTION CANNULA

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



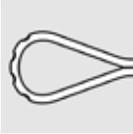
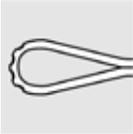
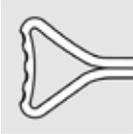
SPIRIG HYDRODISSECTION CANNULA

for manual lens fragmentation
right
left

- G-15252**
- G-15253**



HYDRODISSECTION · CYCLODIALYSIS

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	<i>KLÖCKNER</i> 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	<i>PH. JACOBI</i> TRABECULAR ASPIRATION CANNULA angled at 13 mm 24 gauge / 0.6 mm		
G-15188	<i>BURK</i> IRRIGATION TRABECULOTOMY CANNULA 8 mm curved irrigation probe 30 gauge / 0.3 mm angled right		
G-15189	angled left		
G-33199	<i>NAGATA</i> 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
G-15240 *BONN MODEL*
IRRIGATION CANNULA
 flattened tip, front opening
 delicate, 0.5 x 1.5 mm
 medium, 0.6 x 1.9 mm



G-16135
G-16136 *BINKHORST*
IRRIGATION CANNULA
 U-shaped
 22 gauge / 0.7 mm x 36 mm
 angled right
 angled left



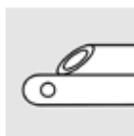
G-32760
G-32765 *MUELLER*
IRRIGATION CANNULA
 J-shaped with probe tip
 26 gauge / 0.45 x 19 mm
 angled left
 angled right



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	<p>IRRIGATION / ASPIRATION CANNULA COAXIAL straight aspiration port 0.4 mm infusion tube 18 gauge / 1.2 mm</p>		
G-15225 G-15226	<p>ASPIRATION CANNULA lightly curved, front opening delicate, 19 gauge / 1.1 mm standard, 17 gauge / 1.5 mm</p>		
G-16125	<p><i>KRATZ</i> CAPSULE POLISHING CANNULA angled at 2 mm half-textured tip 23 gauge / 0.64 mm</p>		
G-16133	<p><i>TEPING</i> ASPIRATION POLISHING CANNULA 0.3 mm posterior port half-textured tip, curved 23 gauge / 0.64 mm</p>		
G-16130	<p>CAPSULE POLISHING CANNULA with half-textured ball tip 18 gauge / 1.2 mm</p>		
G-16132	<p><i>PAPST</i> CAPSULE POLISHING CANNULA 0.75 mm hemisphere textured tip 25 gauge / 0.5 mm</p>		
G-32529 G-32527	<p><i>KYU</i> CAPSULE POLISHING CANNULA 2 mm disc-shaped tip textured 22 gauge / 0.7 mm 23 gauge / 0.64 mm</p>		

G-32528

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



G-32774

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



G-32769

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



G-32776

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



G-32772

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



G-33909

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



G-33910 *ZIRM*
LASIK DISSECTOR CANNULA
flattened
front opening
25 gauge / 0.5 mm



G-33911 *ZIRM*
LASIK IRRIGATION CANNULA
flattened and textured tip
with 5 irrigation ports
20 gauge / 0.9 mm



G-15310 *KRUMEICH*
CORNEAL IRRIGATION CANNULA
for big bubble technique during DALK
semi-sharp dissector tip
0.2 mm posterior port
27 gauge / 0.4 mm



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



G-22550 **IRRIGATION CANNULA HANDPIECE**
overall length 115 mm



G-32015 **IRRIGATION CANNULA HANDPIECE**
male / female connectors
overall length 112 mm

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



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



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



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



SCHMACK
 21 gauge / 0.8 mm



G-22632 **IRRIGATION HANDPIECE**
 0.5 mm port

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



D.D. KOCH - KOHNEN
ASPIRATION HANDPIECE
 0.3 mm aspiration port
 textured tip



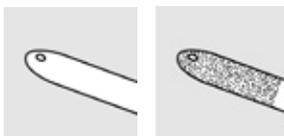
G-22100 22 gauge / 0.7 mm
G-22102 23 gauge / 0.6 mm

I/A HANDPIECES · BIMANUAL

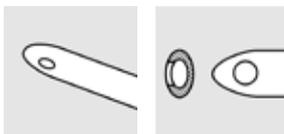
G-22101 *D.D. KOCH - KOHNEN*
IRRIGATION HANDPIECE
front opening
22 gauge / 0.7 mm



ASPIRATION HANDPIECE
0.25 mm aspiration port
conical tip
oval tube 0.95 x 0.55 mm
G-22105 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

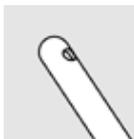
IRRIGATION DESCMET SCRAPER

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

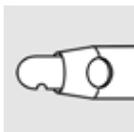
SZURMAN
DMEK IRRIGATION HANDPIECE
curved, front opening
tube 23 gauge / 0.6 mm



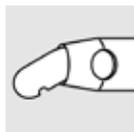
G-24318
G-24418

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

with G-24311 PEP infusion sleeve



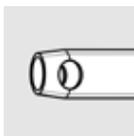
straight
G-24318



angled
G-24418

G-24311

PEP 2.2 MM INFUSION SLEEVE
Pure Efficiency Phaco
for 2.2 mm incisions
purple translucent silicone



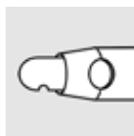


PEP 2.4 MM I/A HANDPIECE

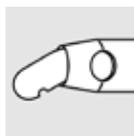
Pure Efficiency Phaco
for 2.4 mm incisions
0.3 mm aspiration port
coaxial I/A straight tip
coaxial I/A 30° angled tip

G-24332
G-24432

with G-24314 PEP infusion sleeve



straight
G-24332

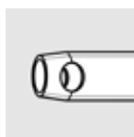


angled
G-24432

G-24314

PEP 2.4 MM INFUSION SLEEVE

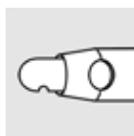
Pure Efficiency Phaco
for 2.4 mm incisions
green translucent silicone



G-24330

I/A HANDPIECE

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

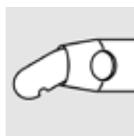


15

G-24430
G-24435
G-24440

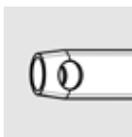
I/A HANDPIECE

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



with G-24100 infusion sleeve

G-24100 **INFUSION SLEEVE**
blue silicone
for I/A handpieces



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

PAPST
I/A HANDPIECE
coaxial
infusion tube 16 gauge / 1.6 mm
aspiration port 0.3 mm, straight
aspiration port 0.4 mm, straight
aspiration port 0.3 mm, angled 30°
aspiration port 0.4 mm, angled 30°



straight
G-22525
G-22527

angled
G-22540
G-22542



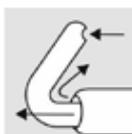
G-22615

PAPST
I/A HANDPIECE
coaxial 30° angled tip
aspiration port 0.3 mm
infusion tube 18 gauge / 1.3 mm



G-22556

HUNOLD
I/A HANDPIECE
coaxial, curved
aspiration port 0.3 mm
infusion tube 18 gauge / 1.3 mm



G-33045 BACKFLUSH HANDPIECE

with Luer cone
overall length 110 mm



G-31805 BACKFLUSH HANDPIECE

with silicone chamber and Luer cone
overall length 110 mm



G-37002 BACKFLUSH HANDPIECE

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



G-37000 BACKFLUSH HANDPIECE

with silicone chamber and chuck
overall length 110 mm



for backflush tips G-37010 up to G-37080

SILICONE CHAMBER

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



G-31806

reusable

G-34806

single use, 10 pcs. per box, sterile

G-37005 BACKFLUSH HANDPIECE

with large silicone chamber
rotatable chuck



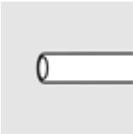
for backflush cannulas G-37010 up to G-37080

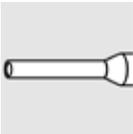
G-37006 SILICONE CHAMBER

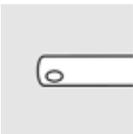
large, for backflush handpiece G-37005

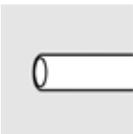


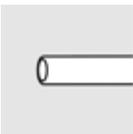
RETINAL · BACKFLUSH HANDPIECES

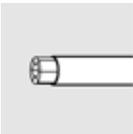
G-33050 G-33054 G-33053	BACKFLUSH CANNULA		
	35 mm shaft		
	20 gauge / 0.9 mm		
	23 gauge / 0.6 mm		
	25 gauge / 0.5 mm		

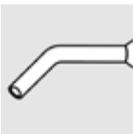
G-33070	BACKFLUSH CANNULA		
	35 mm shaft		
	20 gauge / 0.9 mm shaft		
	25 gauge / 0.5 mm tip		
	3.5 mm tapered tip		

G-33071	BACKFLUSH CANNULA		
	35 mm shaft		
	0.5 mm side port		
	20 gauge / 0.9 mm		

G-33072	<i>LAQUA</i>		
	BACKFLUSH CANNULA		
	35 mm shaft		
	inside diameter: 21 gauge / 0.8 mm		
	outside diameter: 19 gauge / 1.1 mm		

G-33073	<i>KAMPIK</i>		
	BACKFLUSH CANNULA		
	35 mm shaft		
	inside diameter: 22 gauge / 0.7 mm		
	outside diameter: 20 gauge / 0.9 mm		

G-33075	BACKFLUSH CANNULA		
	35 mm shaft		
	0.8 mm silicone brush		
	20 gauge / 0.9 mm		

G-33077	BACKFLUSH CANNULA		
	20 gauge / 0.9 mm shaft		
	24 gauge / 0.55 mm tip		
	7 mm tapered tip, angled at 3.5 mm		

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

G-37011
 23 gauge / 0.6 mm

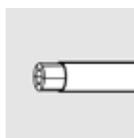
G-37012
 25 gauge / 0.5 mm



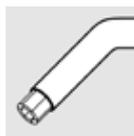
G-37015 **BACKFLUSH TIP**
 35 mm shaft
 angled at 3 mm
 20 gauge / 0.9 mm



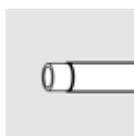
G-37020 **BACKFLUSH TIP**
 35 mm shaft
 0.8 mm silicone brush
 20 gauge / 0.9 mm



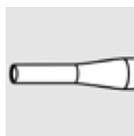
G-37025 **BACKFLUSH TIP**
 35 mm shaft
 angled at 6 mm
 0.8 mm silicone brush
 20 gauge / 0.9 mm



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



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



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

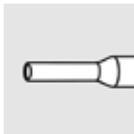


RETINAL · BACKFLUSH TIPS

G-37080

BACKFLUSH TIP

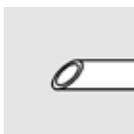
35 mm shaft
20 gauge / 0.9 mm shaft
23 gauge / 0.6 mm tip
2 mm tapered tip
overall length 35 mm



G-33420

INFUSION CANNULA

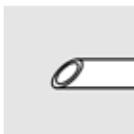
silicone tube 40 cm
Luer-Lock metal adapter
20 gauge / 0.9 mm
beveled, 4.0 mm (single-use G-33463)
G-33425 beveled, 5.0 mm
G-33430 beveled, 6.0 mm
G-33433 beveled, 7.0 mm



G-33450

INFUSION CANNULA

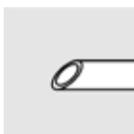
silicone tube 40 cm
Luer-Lock plastic adapter
20 gauge / 0.9 mm
beveled, 4.0 mm
G-33451 beveled, 5.0 mm
G-33452 beveled, 6.0 mm



G-33484

INJECTION CANNULA

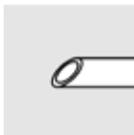
for viscous fluids, without silicone tube
for butterfly-19 cannula
20 gauge / 0.9 mm
beveled, 4.0 mm
G-33485 beveled, 5.0 mm
G-33486 beveled, 6.0 mm



G-33494

INJECTION CANNULA

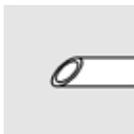
for viscous fluids, without silicone tube
for butterfly-21 cannula
20 gauge / 0.9 mm
beveled, 4.0 mm
G-33495 beveled, 5.0 mm



G-32180

DUISBURG MODEL
INJECTION CANNULA

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

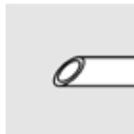


HAMBURG MODEL

INJECTION CANNULA

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

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



G-33475 SPARE SILICONE TUBE

for injection cannulas
25 cm
3 pcs. per box



WEBER

ASPIRATION CANNULA

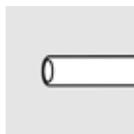
for viscous fluids
inside diameter: 22 gauge / 0.7 mm
outside diameter: 20 gauge / 0.9 mm

- G-33051** 5 mm shaft
- G-33052** 10 mm shaft



G-37390 ASPIRATION CANNULA

23 gauge / 0.6 mm
10 mm shaft



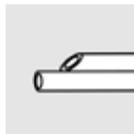
G-33056 ROIDER ASPIRATION CANNULA

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



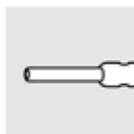
G-33055 PFCL CANNULA

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



G-33057 CHANG PFCL CANNULA

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



HEIDELBERG MODEL

CANNULA

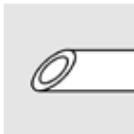
for injection or aspiration of viscous fluids and Densiron[®] 68, bevel 30°

G-32699

19 gauge / 1.1 mm

G-32698

18 gauge / 1.2 mm

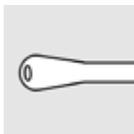


G-33059

BARTZ-SCHMIDT

CANNULA

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



STOPPER

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

G-33060

for 5 ml syringe

G-33065

for 10 ml syringe

G-33066

for 20 ml syringe



G-32697

PRESSURE TUBE

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



G-32696

SINGLE-USE PRESSURE TUBE

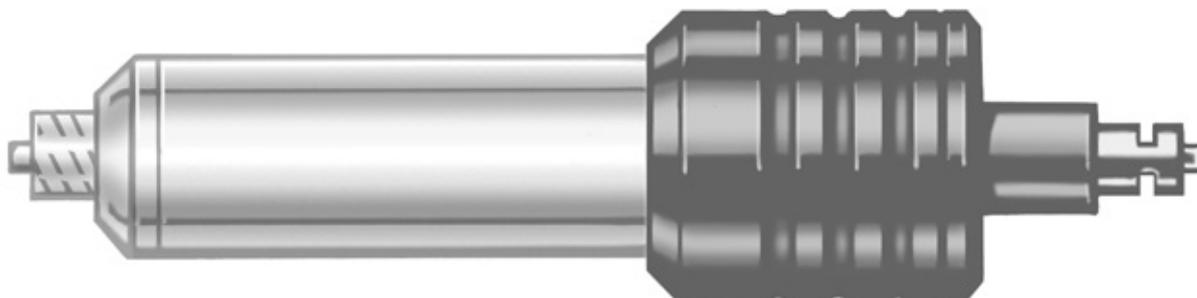
for injection of viscous fluid, Luer-Lock female / male 10 pcs. per box, sterile



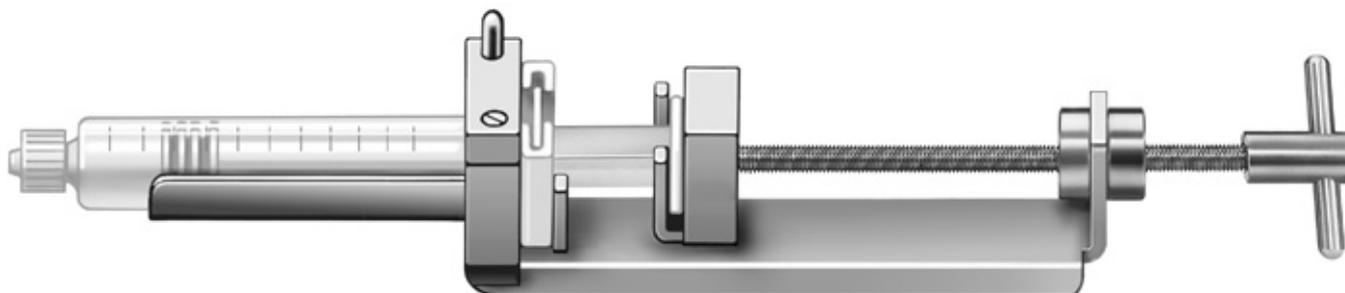
G-30745

PRESSURE CONNECTION TUBE

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



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



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

SYRINGE CLIP
customized labeling

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



SILICONE BULB
with Luer cone

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



MISCELLANEOUS

15

SINGLE USE INSTRUMENTS



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NANOEDGE TREPHINES

length 16 mm
sterile, single-use

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



G-500001 NANOEDGE SINGLE-USE CORNEAL CUTTING BLOCK

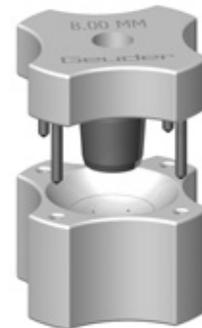
Teflon, sterile
white-colored
outside diameter 18.8 mm
height 9.5 mm



NANOEDGE TREPHINE PUNCHES

sterile, single-use

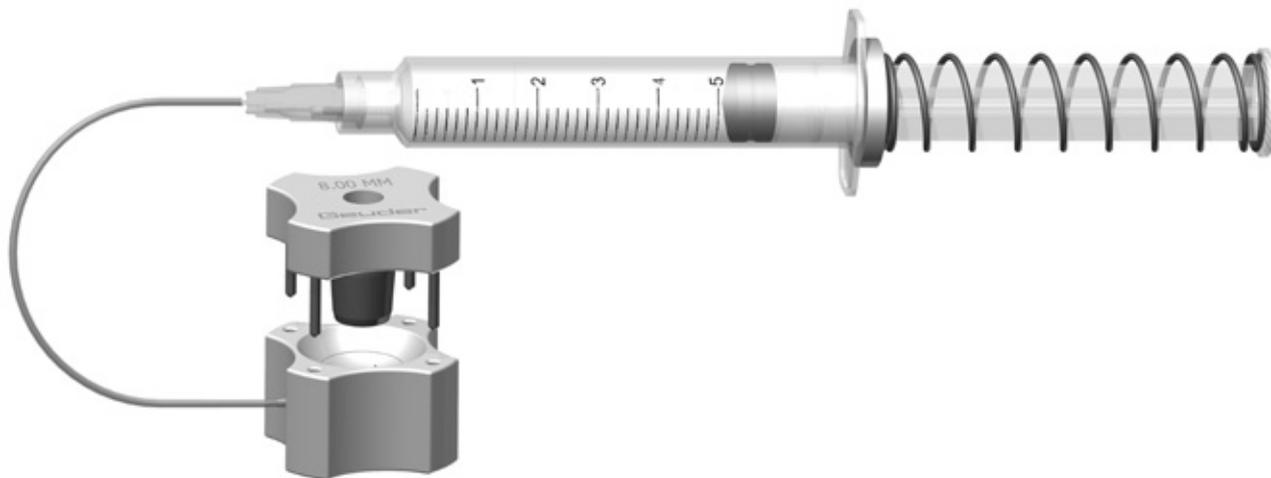
G-540600	6.00 mm	G-540725	7.25 mm	G-540850	8.50 mm
G-540625	6.25 mm	G-540750	7.50 mm	G-540875	8.75 mm
G-540650	6.50 mm	G-540775	7.75 mm	G-540900	9.00 mm
G-540675	6.75 mm	G-540800	8.00 mm	G-540925	9.25 mm
G-540700	7.00 mm	G-540825	8.25 mm	G-540950	9.50 mm



NANOEDGE VACUUM TREPHINE PUNCHES

sterile, single-use

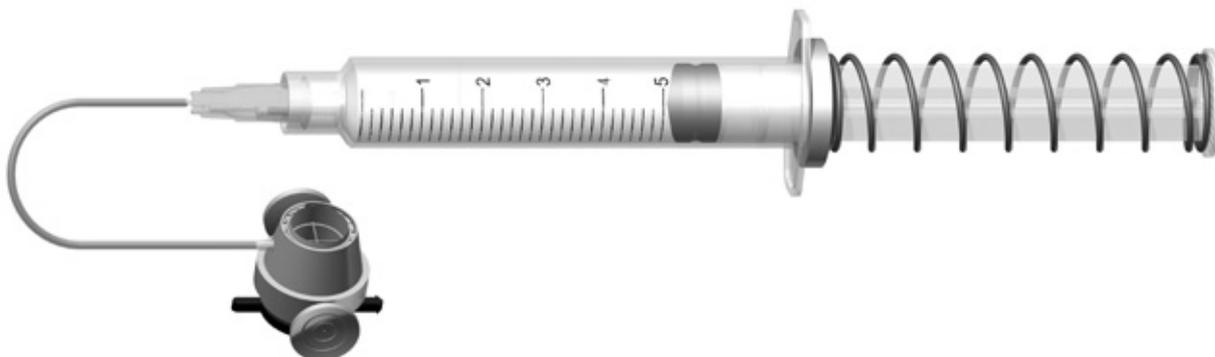
G-560600	6.00 mm	G-560725	7.25 mm	G-560850	8.50 mm
G-560625	6.25 mm	G-560750	7.50 mm	G-560875	8.75 mm
G-560650	6.50 mm	G-560775	7.75 mm	G-560900	9.00 mm
G-560675	6.75 mm	G-560800	8.00 mm	G-560925	9.25 mm
G-560700	7.00 mm	G-560825	8.25 mm	G-560950	9.50 mm



NANOEDGE VACUUM TREPHINE radial

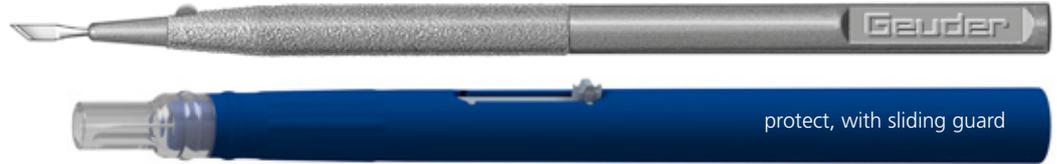
sterile, single-use

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



SINGLE-USE KNIVES FOR OPHTHALMIC SURGERY

6 pcs. per box
sterile



NANOEDGE PARACENTESIS KNIFE



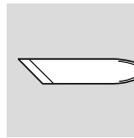
G-34026 15°, straight
G-34064 15° protect



G-34031 22,5°, straight



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



G-34041 45°, straight



NANOEDGE STAB BLADE TIP straight
G-34042 15°
G-34043 30°
G-34044 45°



NANOEDGE MVR STILETTO
straight

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



NANOEDGE CORNEAL SIDEPORT KNIFE
straight

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



NANOEDGE MVR STILETTO
angled

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

NANOEDGE CORNEAL SIDEPORT KNIFE
angled

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



**NANOEDGE
PHACO SLIT KNIFE**

angled, double bevel

G-34050 1.80 mm

G-34092 2.20 mm

G-34060 2.20 mm, protect

G-34094 2.40 mm

G-34061 2.40 mm, protect

G-34053 2.50 mm

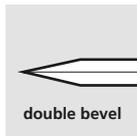
G-34054 2.75 mm

G-34055 2.85 mm

G-34062 2.85 mm, protect

G-34056 3.00 mm

G-34057 3.20 mm



double bevel



**NANOEDGE
PHACO SLIT KNIFE**

angled, bevel up

G-34058 2.00 mm

G-34095 2.20 mm

G-34097 2.40 mm

G-34091 2.50 mm

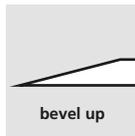
G-34093 2.65 mm

G-34096 2.75 mm

G-34098 2.85 mm

G-34106 3.00 mm

G-34111 3.20 mm



bevel up



**NANOEDGE
CLEAR CORNEA KNIFE**

angled, double bevel

G-34066 1.30 mm,

with indicator

G-34067 2.40 mm,

with indicator

G-34120 2.65 mm

G-34122 2.75 mm

G-34124 2.85 mm

G-34126 3.00 mm



NANOEDGE PRECISION DEPTH KNIFE (LRI) straight

G-34076 300 µm

G-34077 350 µm

G-34078 500 µm

G-34079 600 µm



**NANOEDGE
CRESCENT KNIFE**

angled, bevel up

G-34081 2.0 mm



**NANOEDGE
CRESCENT BLADE TIP**

angled, bevel up

G-34045 2.0 mm



**NANOEDGE
SPOON KNIFE**

angled, double bevel

G-34086 2.2 mm



**NANOEDGE
SCLERAL BLADE**

straight

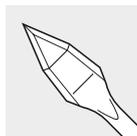
G-34074 3.5 – 4.0 mm



**NANOEDGE
LAMELLAR BLADE**

angled, bevel up

G-34075 2.3 mm



NANOEDGE TRAPEZOID CLEAR CORNEA IMPLANT KNIFE (CCI)

angled, with indicator

G-34152 1.5 – 2.0 mm

20G RED: 20 GAUGE / 0.9 MM

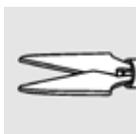
23G GREEN: 23 GAUGE / 0.6 MM

25G BLUE: 25 GAUGE / 0.5 MM

SCISSORS

SINGLE-USE VITREOUS SCISSORS UNO COLORLINE

straight, sterile



G-42061 20G, 1 pcs. per box

G-42361 23G, 1 pcs. per box

G-42561 25G, 1 pcs. per box



SINGLE-USE VITREOUS SCISSORS UNO COLORLINE

curved, sterile



G-42362 23G, 1 pcs. per box

G-46362 23G, 6 pcs. per box

G-42562 25G, 1 pcs. per box

G-46562 25G, 6 pcs. per box



HANDLES

HANDLE UNO COLORLINE 20G, 23G, 25G

titanium handle for UNO Colorline
single-use tips

G-40006 6 mm diameter

G-40008 8 mm diameter



20G RED: 20 GAUGE / 0.9 MM

23G GREEN: 23 GAUGE / 0.6 MM

25G BLUE: 25 GAUGE / 0.5 MM

FORCEPS

SINGLE-USE VITREOUS FORCEPS ENDGRIPPING UNO COLORLINE

straight, extra delicate,
endgripping, sterile



0.3 mm x 0.1 mm

G-42041 20G, 1 pcs. per box

G-46041 20G, 6 pcs. per box

0.2 mm x 0.05 mm

G-42341 23G, 1 pcs. per box

G-46341 23G, 6 pcs. per box

0.2 mm x 0.05 mm

G-42541 25G, 1 pcs. per box

G-46541 25G, 6 pcs. per box

HATTENBACH

SINGLE-USE VITREOUS FORCEPS WAVE DESIGN UNO COLORLINE

straight, wave design, sterile



0.3 mm x 0.5 mm

G-42042 20G, 1 pcs. per box

G-46042 20G, 6 pcs. per box

0.2 mm x 0.5 mm

G-42342 23G, 1 pcs. per box

G-46342 23G, 6 pcs. per box

0.2 mm x 0.5 mm

G-42542 25G, 1 pcs. per box

G-46542 25G, 6 pcs. per box

SINGLE-USE VITREOUS FORCEPS CROCODILE DESIGN UNO COLORLINE

straight, crocodile design, sterile



0.3 mm x 2.5 mm

G-42043 20G, 1 pcs. per box

0.2 mm x 1.5 mm

G-42343 23G, 1 pcs. per box

G-46343 23G, 6 pcs. per box



SINGLE-USE TANO FORCEPS UNO COLORLINE

straight, sterile

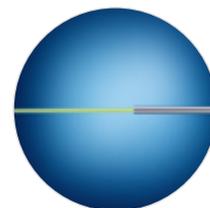


G-42044 20G, 1 pcs. per box

G-42344 23G, 1 pcs. per box

G-42544 25G, 1 pcs. per box

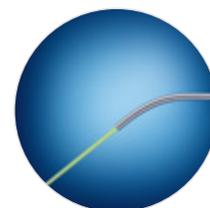
STRAIGHT LASER PROBES



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



CURVED LASER PROBES

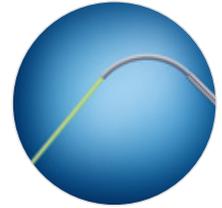


REF	SIZE	TYPE	LASER CONNECTOR
G-61509	20G	curved	Geuder, Zeiss, Alcon
G-61539	23G	curved	Geuder, Zeiss, Alcon
G-61559	25G	curved	Geuder, Zeiss, Alcon
G-61579	27G	curved	Geuder, Zeiss, Alcon
G-61603	20G	curved	Iridex
G-61633	23G	curved	Iridex
G-61653	25G	curved	Iridex
G-61673	27G	curved	Iridex



ENDO PROBES

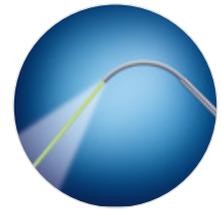
BENDING LASER PROBES



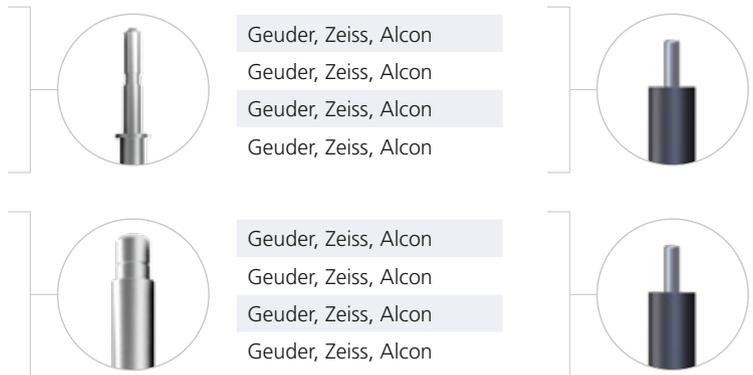
REF	SIZE	TYPE	LASER CONNECTOR
G-61501	20G	bending	Geuder, Zeiss, Alcon
G-61531	23G	bending	Geuder, Zeiss, Alcon
G-61551	25G	bending	Geuder, Zeiss, Alcon
G-61571	27G	bending	Geuder, Zeiss, Alcon
G-61503	20G	bending	Iridex
G-61533	23G	bending	Iridex
G-61553	25G	bending	Iridex
G-61573	27G	bending	Iridex



ILLUMINATED BENDING LASER PROBES



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



ENDO PROBES

20G RED: 20 GAUGE / 0.9 MM

23G GREEN: 23 GAUGE / 0.6 MM

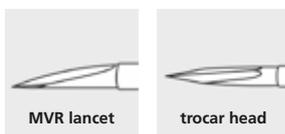
25G BLUE: 25 GAUGE / 0.5 MM

TROCAR SYSTEMS

HATTENBACH / NIKOLIC

SINGLE-USE TROCAR SYSTEM ONE-STEP UNO COLORLINE

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



MVR lancet

trocar head



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

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

SINGLE-USE TROCAR PLUGS UNO COLORLINE



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

FIBER OPTICS

SINGLE-USE FIBER OPTIC S UNO COLORLINE

spot, sterile



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

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

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

SINGLE-USE FIBER OPTIC W UNO COLORLINE

wide angle, sterile



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

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

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

20G RED: 20 GAUGE / 0.9 MM

23G GREEN: 23 GAUGE / 0.6 MM

25G BLUE: 25 GAUGE / 0.5 MM

**SINGLE-USE FIBER OPTIC WS
UNO COLORLINE**

wide angle, shielded, sterile



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

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

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

VITREOUS CUTTERS

**SINGLE-USE HIGH SPEED VITREOUS CUTTER
UNO COLORLINE**

pneumatic, with GEUDER safety-connector, sterile



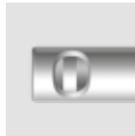
G-42001 20G, 1 pcs. per box
G-46001 20G, 6 pcs. per box

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

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

**SINGLE-USE HIGH SPEED VITREOUS CUTTER
MACH 2 UNO COLORLINE**

Doubleblade, pneumatic, with GEUDER safety-connector, sterile



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

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

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

FIBER OPTICS · VITREOUS CUTTERS · INFUSION TUBE

16

**SINGLE-USE INFUSION TUBE 20G
UNO COLORLINE**

for 20 gauge GEUDER UNO Colorline vitreous cutters, sterile

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





SZURMAN

SINGLE-USE DMEK-CARTRIDGE

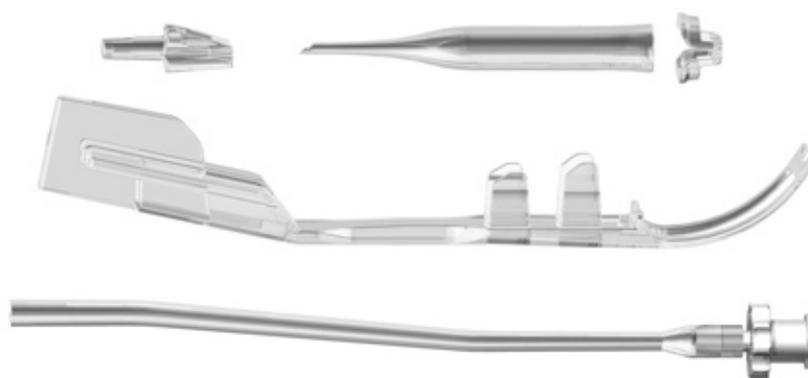
for Descemet Membrane Endothelial Keratoplasty
incl. tube connection for loading
the cartridge, sterile

G-38630

incision 2.8 to 3.0 mm, 14 gauge / 2.0 mm

G-38635

incision 2.4 to 2.75 mm, 16 gauge / 1.6 mm



G-38626

SZURMAN

DMEK RAPID

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

G-38611

**SINGLE-USE TUBING WITH
LUER CONNECTOR**

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



G-34523-1

SINGLE-USE IRIS RETRACTOR

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



G-34810

LACRIMAL INTUBATION TUBING

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



DMEK CARTRIDGE · IRIS RETRACTORS · LACRIMAL INTUBATION

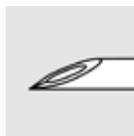
G-34811 **LACRIMAL INTUBATION SET**
 suture with silicone tubing
 0.6 mm
 10 pcs. per box, sterile



G-34290 **SINGLE-USE LACRIMAL CANNULA**
 curved 26 gauge / 0.45 x 30 mm
 10 pcs. per box, sterile



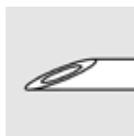
G-34200 **SINGLE-USE RETROBULBAR CANNULA**
 10 pcs. per box, sterile
 25 gauge, 0.5 x 38 mm
G-34205 26 gauge, 0.45 x 50 mm



ATKINSON
G-34210 **SINGLE-USE RETROBULBAR CANNULA**
 10 per box, sterile
 25 gauge, 0.5 x 40 mm
G-34215 23 gauge, 0.64 x 38 mm



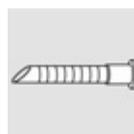
G-34220 **SINGLE-USE PERIBULBAR CANNULA**
 25 gauge, 0.5 x 32 mm
 10 pcs. per box, sterile



G-34225 **SINGLE-USE CYSTOTOME CANNULA**
 vaulted, 45°
 25 gauge / 0.5 mm
 10 pcs. per box, sterile
 12.5 mm long, side cutting
G-34230 12.5 mm long



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



INTUBATION SETS · CANNULAS (LACRIMAL, RETROBULBAR, CYSTOTOME, A.C. MAINTAINER)

G-34235 *RYCROFT*
SINGLE-USE A. C. CANNULA
angled at 7 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 19.5 mm
10 pcs. per box, sterile



G-34271 *FRANKFURT MODEL*
SINGLE-USE HYDRODISSECTION CANNULA
27 gauge / 0.4 mm x 15 mm
10 pcs. per box, sterile



G-34500 *SAAD*
SINGLE-USE UNFOLDING CANNULA
for unfolding Descemet membrane in DMEK
1 front port, 4 lateral ports
27 gauge / 0.4 mm
10 pcs. per box, sterile

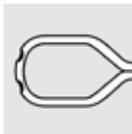


G-34501 **SINGLE-USE DALK CANNULA**
for big-bubble technique of deep anterior lamellar keratoplasty (DALK)
27 gauge / 0.4 mm, curved, flattened tip
0.4 mm posterior port
10 pcs. per box, sterile



CANNULAS (A.C. MAINTAINER, RYCROFT, HYDRODISSECTION, UNFOLDING)

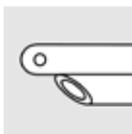
G-34265 **SINGLE-USE IRRIGATION VECTIS CANNULA**
 double port
 25 gauge / 0.5 mm
 10 pcs. per box, sterile



G-34255 *KRATZ*
SINGLE-USE CAPSULE POLISHING CANNULA
 angled at 9 mm, 45°
 closed tip with sideport, textured
 23 gauge / 0.6 mm
 10 pcs. per box, sterile



G-34280 *SIMCOE*
SINGLE-USE I/A CANNULA
 0.4 mm diameter aspiration port
 front opening irrigation port
 23 gauge / 0.64 mm
 10 pcs. per box, sterile



G-15197 **SINGLE-USE IRRIGATION CANNULA**
 for viscocanalostomy
 26 gauge / 0.45 mm shaft
 35 gauge / 0.21 mm angled tip
 5 mm tapered tube, curved
 5 pcs. per box, sterile



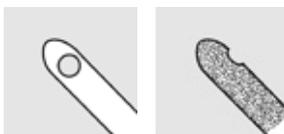
G-80975 **SINGLE-USE INJECTION CANNULA**
 for EasyGas®
 30 gauge / 0.3 x 12 mm
 100 pcs. per box, sterile





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

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



G-34289 SINGLE-USE BACKFLUSH HANDPIECE

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



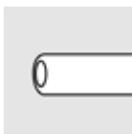
G-34806 SINGLE-USE SILICONE CHAMBER

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



G-34275 SINGLE-USE BACKFLUSH CANNULA

inside diameter 25 gauge / 0.5 mm
 outside diameter 21 gauge / 0.8 x 35 mm
 10 pcs. per box, sterile



SINGLE-USE BACKFLUSH CANNULA

blunt tip
 10 pcs. per box, sterile

G-34291

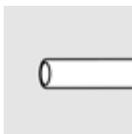
20 gauge / 0.9 mm

G-34296

23 gauge / 0.6 mm

G-34299

25 gauge / 0.5 mm



SINGLE-USE BACKFLUSH CANNULA

with silicone brush
 5 pcs. per box, sterile

G-34293

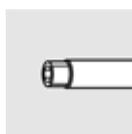
20 gauge / 0.9 mm

G-34294

23 gauge / 0.6 mm

G-34297

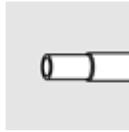
25 gauge / 0.5 mm



SINGLE-USE BACKFLUSH CANNULA

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

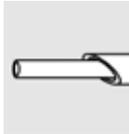
- G-34292**
- G-34295**
- G-34298**



G-34285

SINGLE-USE PFCL CANNULA

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



SINGLE-USE VFI CANNULA FOR OIL I/A

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

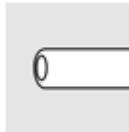
- G-34493**
- G-34494**
- G-34495**
- G-34496**



SINGLE-USE CANNULA

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

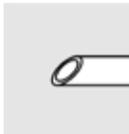
- G-34497**
- G-34498**



G-33482

SINGLE-USE INJECTION CANNULA

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



G-33463

SINGLE-USE INFUSION CANNULA

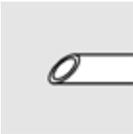
self-retaining, 4.0 mm tip
with 25 cm silicone tube
Luer-Lock plastic adapter
20 gauge / 0.9 mm
5 pcs. per box, sterile



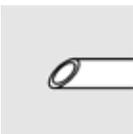
CANNULAS (BACKFLUSH WITH SILICONE TIP, PFCL, SILICONE OIL, INFUSION)

G-33468 **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

G-33469
beveled tip, 6.0 mm

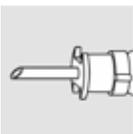



G-33462 **SINGLE-USE INFUSION CANNULA**
4.0 mm beveled tip
with 25 cm PVC tube
Luer-Lock plastic adapter
25 gauge / 0.5 mm
10 pcs. per box, sterile

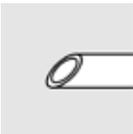



G-33488 **SINGLE-USE INJECTION CANNULA**
for viscous fluids
with 1 metal sleeve, Luer-Lock plastic adapter
and 25 cm PVC tube
20 gauge / 0.9 mm
5 pcs. per box, sterile
beveled tip, 4.0 mm

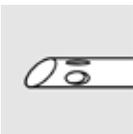
G-33489
beveled tip, 6.0 mm




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



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



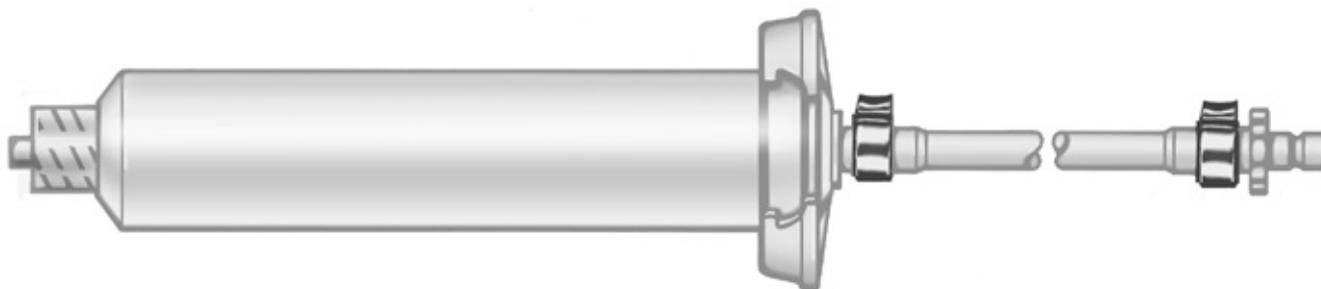
G-23991 **SINGLE-USE THREE-WAY STOP COCK**
2x Luer-Lock female, 1x Luer-Lock male
plastic, sterile



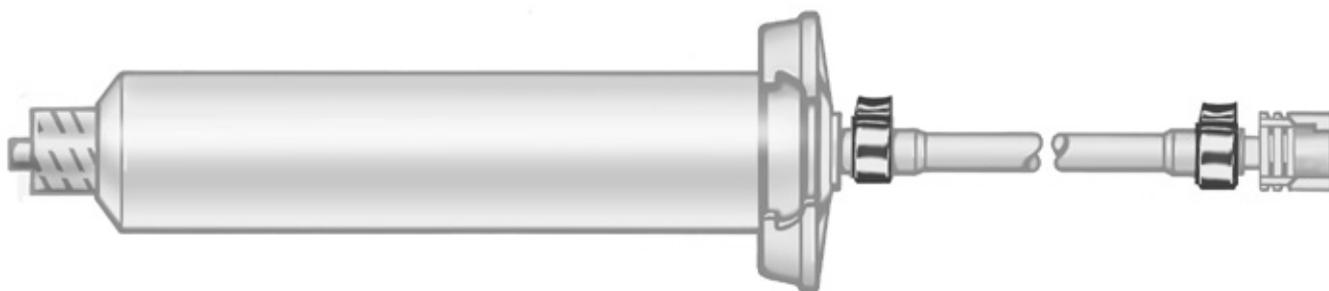
G-30146 **SINGLE-USE AIR INJECTION TUBE**
for MEGATRON S3 / S4 HPS
incl. filter 0.1 µm and 2-way-stopcock
length 1.9 m
6 pcs. per box, sterile



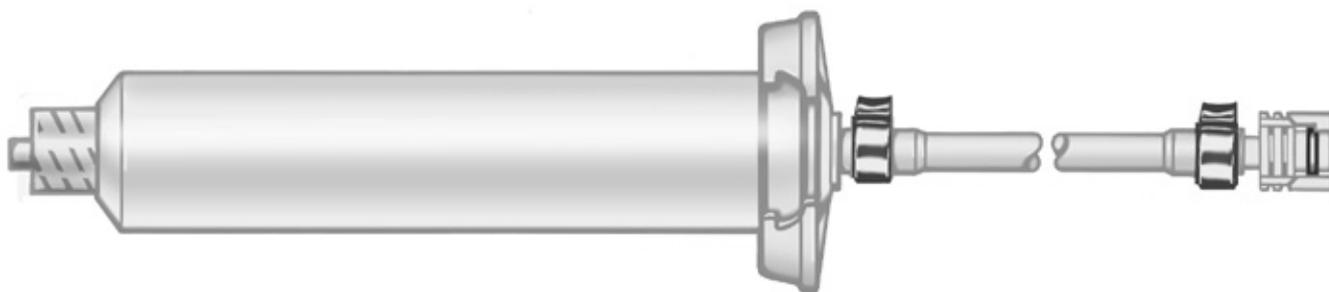
INJECTION SYRINGES · FILTER · STOPCOCK · INJECTION TUBE



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-19826 **SINGLE USE LOW TEMPERATURE BATTERY CAUTERY**
 fine tip, 427 °C - 482 °C
 10 pcs. per box, sterile



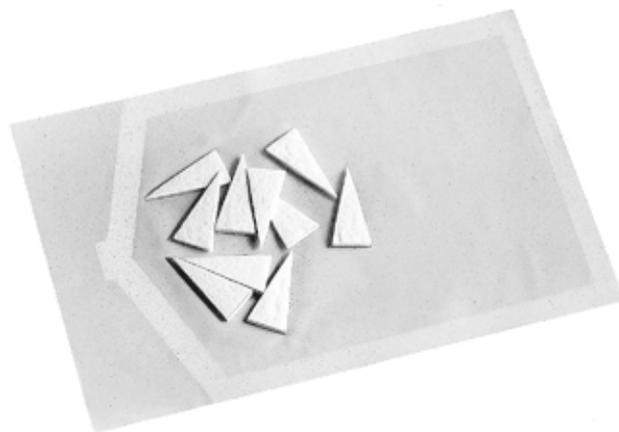
G-19827 **SINGLE USE HIGH TEMPERATURE BATTERY CAUTERY**
 fine tip, 704 °C - 1500 °C
 10 pcs. per box, sterile



G-32700 **SCALPEL HANDLE**



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



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



BATTERY CAUTERY · SCALPEL HANDLE · ABSORBENT SWABS · MARKING PEN

G-34602 276 STYLE SILICONE TIRE, ASYMMETRICAL

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



G-34606 280 STYLE SILICONE TIRE, ASYMMETRICAL

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



G-34608 286 STYLE SILICONE TIRE, CONVEX

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



G-34610 287 STYLE SILICONE TIRE, CONVEX

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



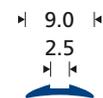
G-34616 277 STYLE SILICONE TIRE, CONCAVE

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



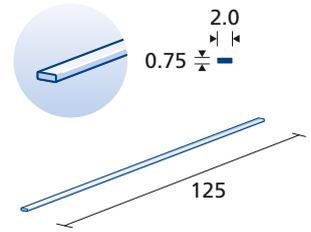
G-34618 279 STYLE SILICONE TIRE, CONCAVE

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



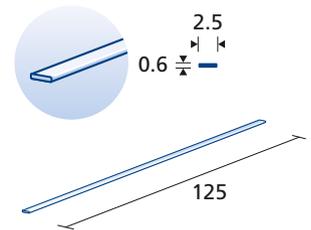
G-34620 **40 STYLE SILICONE CIRCLING BAND**
 W 2.0 x H 0.75 x L 125 mm
 5 pcs. per box, sterile

Suitable sleeves:
 G-34642 (round)
 G-34645 (oval)



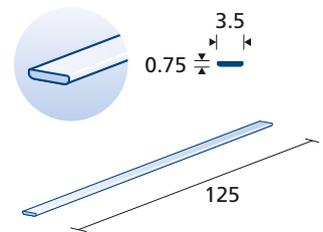
G-34622 **240 STYLE SILICONE CIRCLING BAND**
 W 2.5 x H 0.6 x L 125 mm
 5 pcs. per box, sterile

Suitable sleeves:
 G-34645 (oval)
 G-34646 (round)



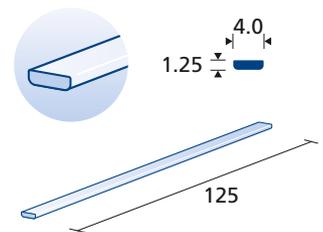
G-34624 **41 STYLE SILICONE STRIP**
 W 3.5 x H 0.75 x L 125 mm
 5 pcs. per box, sterile

Suitable sleeves:
 G-34647 (oval) and G-34644 (round)



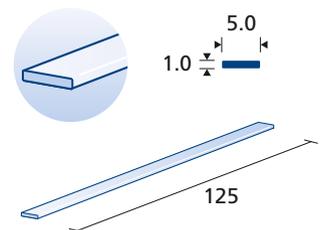
G-34626 **42 STYLE SILICONE STRIP**
 W 4.0 x H 1.25 x L 125 mm
 5 pcs. per box, sterile

Suitable sleeves:
 G-34647 (oval) and G-34644 (round)



G-34628 **4050 STYLE SILICONE STRIP**
 W 5.0 x H 1.0 x L 125 mm
 5 pcs. per box, sterile

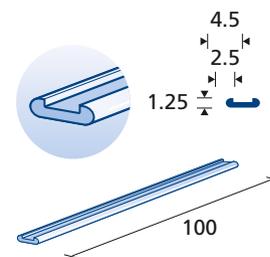
Suitable sleeves:
 G-34647 (oval) and G-34644 (round)



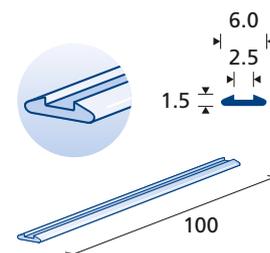
SILICONE STRIPS · SILICONE CIRCLING BANDS

G-34636 219 STYLE GROOVED SILICONE STRIP

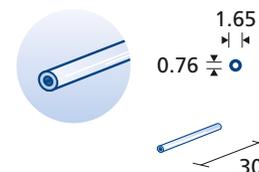
W 4.5 x H 1.25 x L 100 mm
2.5 mm groove
5 pcs. per box, sterile

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

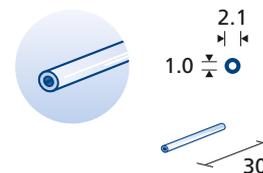
W 6.0 x H 1.5 x L 100 mm
2.5 mm groove
5 pcs. per box, sterile

**G-34646 270 STYLE SILICONE SLEEVE**

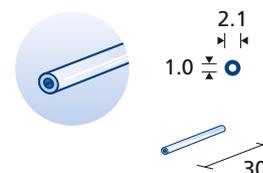
Ø 0.76 mm inside
Ø 1.65 mm outside
30 mm long
5 pcs. per box, sterile

**G-34642 70 STYLE SILICONE SLEEVE**

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

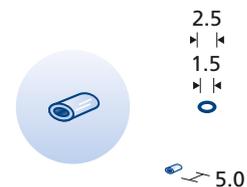
**G-34644 72 STYLE SILICONE SLEEVE**

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



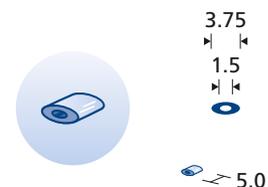
G-34645 3083 STYLE OVAL SILICONE SLEEVE

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



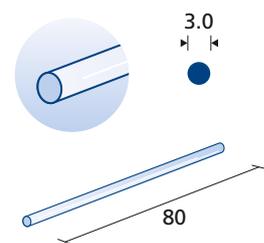
G-34647 3084 STYLE OVAL SILICONE SLEEVE

Ø 1.5 mm inside
 Ø 3.75 mm outside
 5 mm long
 5 pcs. per box, sterile



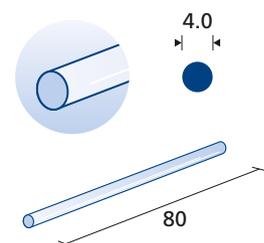
G-34656 503 STYLE ROUND SILICONE SPONGE IMPLANT

ø: 3.0 mm
 80 mm long
 5 pcs. per box, sterile



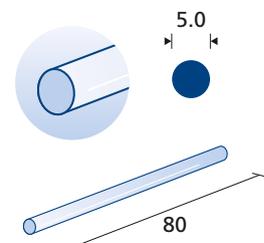
G-34658 504 STYLE ROUND SILICONE SPONGE IMPLANT

ø: 4.0 mm
 80 mm long
 5 pcs. per box, sterile

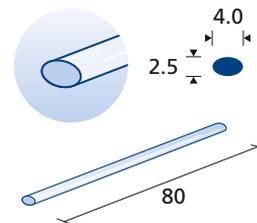


G-34660 505 STYLE ROUND SILICONE SPONGE IMPLANT

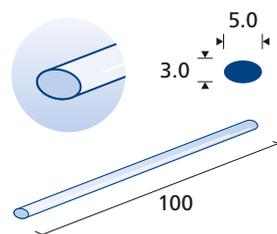
ø: 5.0 mm
 80 mm long
 5 pcs. per box, sterile



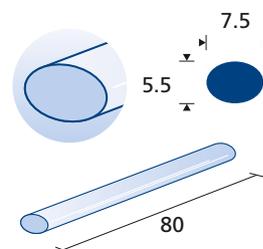
G-34664 **501 STYLE OVAL SILICONE SPONGE IMPLANT**
W 4.0 x H 2.5 x L 80 mm
5 pcs. per box, sterile



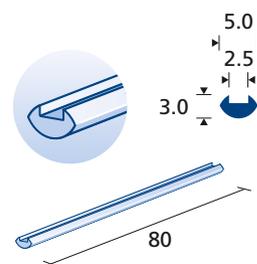
G-34666 **506 STYLE OVAL SILICONE SPONGE IMPLANT**
W 5.0 x H 3.0 x L 100 mm
5 pcs. per box, sterile



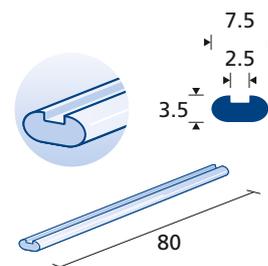
G-34668 **507 STYLE OVAL SILICONE SPONGE IMPLANT**
W 7.5 x H 5.5 x L 80 mm
5 pcs. per box, sterile



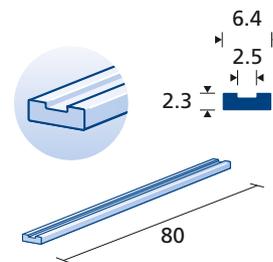
G-34672 **506G STYLE GROOVED SILICONE SPONGE IMPLANT**
2.5 mm groove
W 5.0 x H 3.0 x L 80 mm
5 pcs. per box, sterile



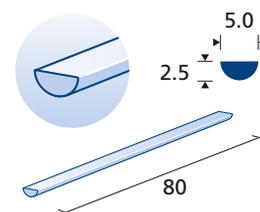
G-34678 **509G STYLE GROOVED SILICONE SPONGE IMPLANT**
2.5 mm groove
W 7.5 x H 3.5 x L 80 mm
5 pcs. per box, sterile



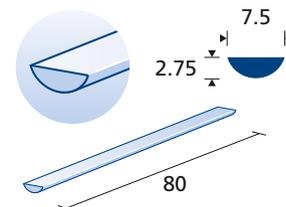
G-34680 **516G STYLE GROOVED SILICONE SPONGE IMPLANT**
 2.5 mm groove
 W 6.4 x H 2.3 x L 80 mm
 5 pcs. per box, sterile



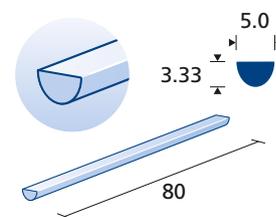
G-34684 **510 STYLE SEMI-CIRCULAR SILICONE SPONGE IMPLANT**
 W 5.0 x H 2.5 x L 80 mm
 5 pcs. per box, sterile



G-34686 **511 STYLE SEMI-OVAL SILICONE SPONGE IMPLANT**
 W 7.5 x H 2.75 x L 80 mm
 5 pcs. per box, sterile



G-34688 **515 STYLE SEMI-OVAL SILICONE SPONGE IMPLANT**
 W 5.0 x H 3.33 x L 80 mm
 5 pcs. per box, sterile



G-34710**BONN INJECTION SET**

single-use set for intravitreal injection (IVOM)
consisting of:

- measuring and fixation instrument, 3.5 / 4.0 mm
 - eye speculum
 - irrigation cannula
 - cannula 0.9 x 70 mm
 - syringe 1 ml
 - syringe 10 ml
 - eye drape with pre-cut adhesive incise-film 140 x 140 cm
 - absorbent swab (3x)
 - gauze compress 10 x 10 (2x)
 - protective cover 60 x 60 cm
- 10 pcs. per box, sterile



MISCELLANEOUS



CAPSULAR TENSION RING INJECTORS / PUPIL DILATORS.....	247
LACRIMAL / DCR.....	248
BONE CHISELS · LASEK TREPHINE · FASCIA NEEDLE.....	249
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EYE SHIELD · BATTERY CAUTERY · INTRAOCULAR MAGNET.....	251
DIATHERMY INSTRUMENTS.....	252

G-32955

INJECTOR

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



G-32960

INJECTOR

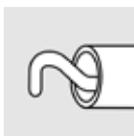
for *MORCHER* capsular tension ring
shaft diameter 1.2 mm
for 1.9 mm incisions
shaft length 30 mm
overall length 156 mm



G-32965

INJECTOR

for *MORCHER* capsular ring
shaft diameter 1.6 mm
for 2.4 - 2.5 mm incisions
shaft length 30 mm
overall length 156 mm



G-32970

INJECTOR

for *MORCHER* pupil dilator
overall length 140 mm



G-31810 *FRIEDMANN*
RONGEUR
overall length 140 mm



scale 2:3

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



scale 2:3

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



scale 2:3

G-18630 *HEIDELBERG MODEL*
ELEVATORIUM
overall length 143 mm



G-18620 *HEIDELBERG MODEL*
RASPATORY
overall length 155 mm





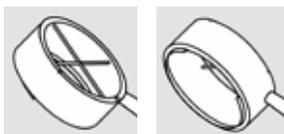
G-18240 *WEST*
BONE CHISEL
for lacrimal sac
flat, 5.0 mm wide
overall length 160 mm



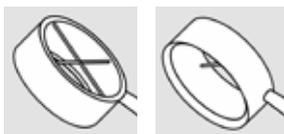
G-18245 *WEST*
BONE GOUGE
for lacrimal sac
concave, 5.0 mm wide
overall length 162 mm



G-33650
G-33652
LASEK TREPHINE
with crosshairs
overall length 100 mm
8.0 mm
9.0 mm



G-33655
G-33657
LOHMANN
LASEK FUNNEL
with crosshairs
overall length 100 mm
8.5 mm
9.5 mm



G-32313 *WRIGHT*
FASCIA NEEDLE
overall length 115 mm





- DIAMOND BURR**
top, inside, outside coat
- G-18300** 8.0 mm
 - G-18301** 9.0 mm
 - G-18302** 10.0 mm

- G-36000** *KILP*
LENS
60 D flat, field of vision 20°, silicone ring
central posterior pole and central vitreous body



- G-36010** *LANDERS*
LENS
93 D, biconcave with silicone ring
clear view of fundus in air-filled phakic eye



- G-36015** *MACHEMER*
LENS
with silicone ring to magnify structures
in vitreous cavity or on retinal surface



- G-36020** *PEYMAN*
LENS
wide field of vision 30°, with silicone ring
for central fundus and central vitreous body



- G-36025** *TOLENTINO*
LENS
prism 20° with silicone ring
posterior peripheral fundus and
posterior peripheral vitreous body



- G-36030** *TOLENTINO*
LENS
prism 30° with silicone ring
peripheral viewing beyond the equator



- G-36045** **SILICONE REPLACEMENT RING**
for *KILP* lens G-36000



DIAMOND BURR · VITRECTOMY LENSES

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



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



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



G-19826 SINGLE USE LOW TEMPERATURE BATTERY CAUTERY
fine tip, 427 °C - 482 °C
10 pcs. per box, sterile



G-19827 SINGLE USE HIGH TEMPERATURE BATTERY CAUTERY
fine tip, 704 °C - 1500 °C
10 pcs. per box, sterile



G-31900 KUHN INTRAOCULAR MAGNET
30 mm shaft, 1.9 mm outside diameter
4 mm magnetic tip
overall length 90 mm



17
EYE SHIELD · BATTERY CAUTERY · INTRAOCULAR MAGNET

G-31215 **BIPOLAR FORCEPS**
 straight, 100 mm
 (sterilizable in autoclave only)



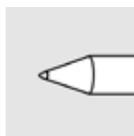
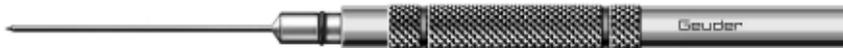
G-31216 **BIPOLAR FORCEPS**
 angled, 100 mm
 (sterilizable in autoclave only)



G-31218 **BIPOLAR HANDPIECE**
 diameter 1.1 mm
G-31219 diameter 0.9 mm



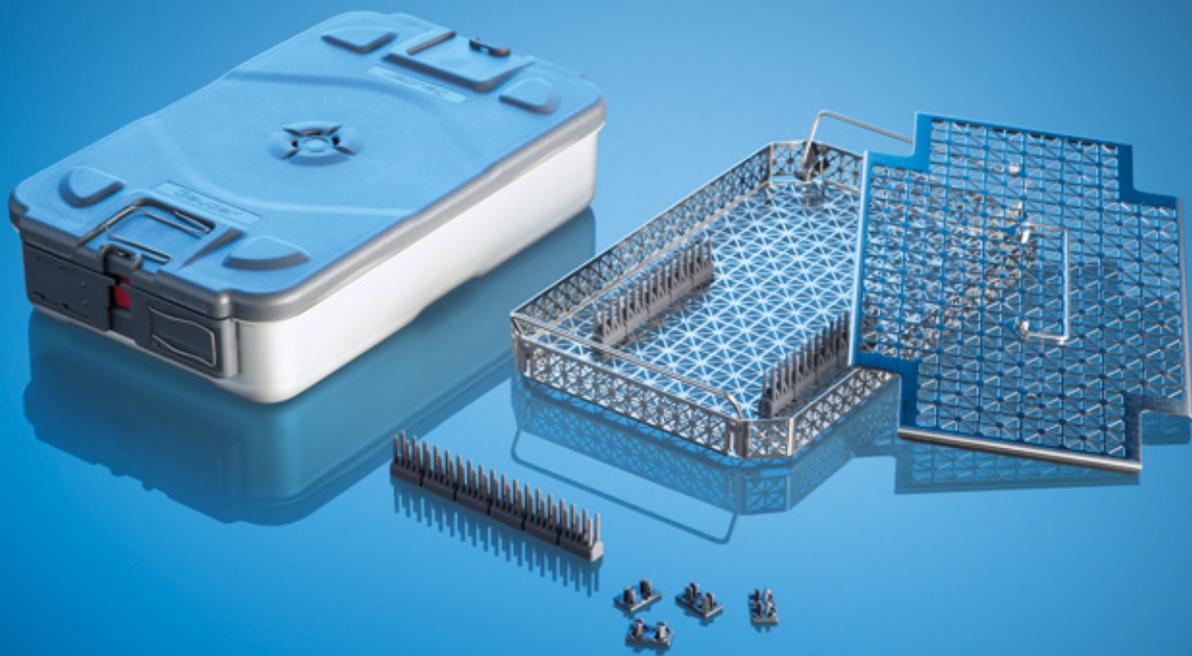
G-25030 **INTRAOCULAR**
DIATHERMY PROBE
 20 gauge / 0.9 mm
G-25032 23 gauge / 0.64 mm
G-25034 25 gauge / 0.5 mm



G-28220 **DIATHERMY**
CONNECTION CABLE



STERILIZATION CONTAINERS AND ADAPTERS



MICROSTOP® CONTAINERS AND ACCESSORIES	255
MICROSTOP® · FILTERS FOR STEEL CASES	257
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G-39745 **MICROSTOP[®]**
STERILIZATION CONTAINER LOW
for one tray
outside dimensions: 310 x 189 x 70 mm
inside dimensions: 283 x 177 x 50 mm



G-39750 **MICROSTOP[®]**
STERILIZATION CONTAINER HIGH
for two trays
outside dimensions: 310 x 189 x 90 mm
inside dimensions: 283 x 177 x 70 mm



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

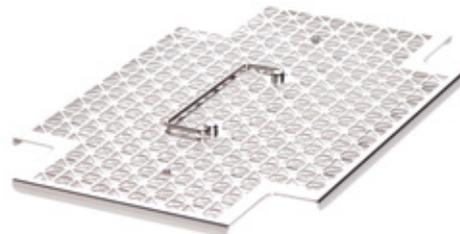


G-39785 **MICROSTOP[®]**
STERILIZATION TRAY MINI
38 mm, high
size: 277 x 172 x 38 mm
without lid
G-39784 with lid

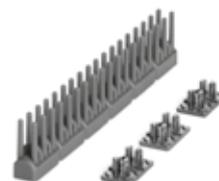


MICROSTOP[®]

G-39787 **MICROSTOP®**
STERILIZATION TRAY LID MINI
 size: 277 x 172 mm
 for G-39783 and G-39785



G-39782 **MICROSTOP®**
RETAINER ELEMENT
 for MICROSTOP® tray mini
 nap Style, 120 mm
 separable into 6 single elements
G-39789 29 mm, low
 38 mm, high



G-39788 **MICROSTOP®**
CLIP FOR RETAINER ELEMENTS
 G-39782 and G-39789
 10 pcs. per bag



G-39791 **MICROSTOP®**
ID LABEL
 for tray, aluminium
 customized labeling
 silver-colored



G-39741 **MICROSTOP®**
LABEL
 for lid, customized labeling



G-39746 **MICROSTOP®**
ID LABEL
 for front, customized labeling

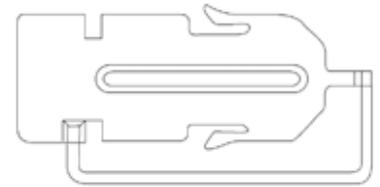


**MICROSTOP[®]
LOGISTIC FRAME**
for lid to use with labels

- G-39753** color: red
- G-39754** color: blue
- G-39755** color: green



G-39762 **MICROSTOP[®]
SEAL**
with indicator
1000 pcs. per box



G-39764 **MICROSTOP[®]
TAG**
with indicator
1000 pcs. per box



G-31649 **INDICATOR**
for steam sterilization, slim
1000 pcs. per box

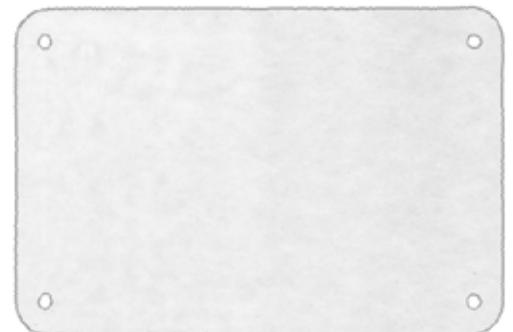


PERMANENT TEXTILE FILTER
for steam sterilization cases

- 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-31655 **PAPER FILTER**
for steam sterilization cases
G-19841, G-19842, G-19843,
G-19851, G-19856, G-19876,
G-28150, G-28151
100 pcs. per box



G-32675 **SILICONE TRAY**
with bottom
outside dimensions: 160 x 85 x 20 mm



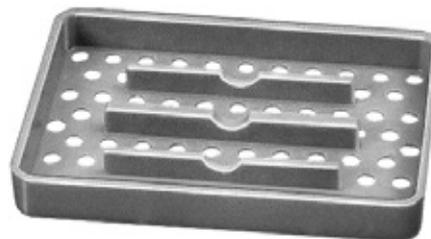
G-32660 **STERILIZATION RACK**
for 12 cannulas, silicone
outside dimensions: 85 x 56 x 8 mm



G-19870 **STERILIZATION RACK**
for 10 instruments with handle, silicone
outside dimensions: 160 x 85 x 20 mm



G-32785 **SILICONE PERFORATED TRAY**
outside dimensions: 194 x 135 x 24 mm



G-32676 **SILICONE NAP STRIP BLUE**
340 x 30 mm



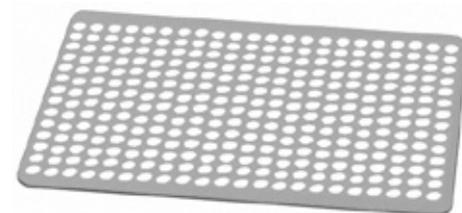
G-32677 **SILICONE STRIP BLUE**
350 mm long



G-19866 **SILICONE BURL MAT**
perforated
240 x 230 mm
G-19865 300 x 150 mm
G-19867 470 x 245 mm



G-19899 **SILICONE PLATE**
perforated, 270 x 185 mm
for hot air sterilization cases
G-19841, G-19842,
G-19846, G-19847



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

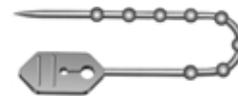


G-31659 **SEAL**
for hot-air sterilization cases
100 pcs. per box



SILICONE STRIPS · SILICONE MATS · SEALS

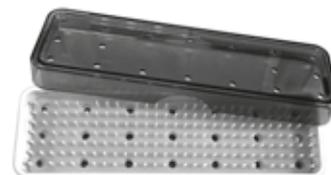
G-32695 **SILICONE CLOSURE**
17 cm long



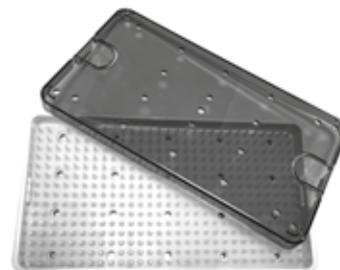
G-33100 **STERILIZATION CASE**
for 1 vitreoretinal instrument or diamond knife
plastic, with 2 bridges (steam sterilization)
outside dimensions: 195 x 60 x 25 mm



G-33101 **STERILIZATION CASE**
for 1 vitreoretinal instrument
plastic, with burl mat (steam sterilization)
outside dimensions: 195 x 60 x 25 mm



G-33102 **STERILIZATION CASE**
for 4-5 instruments
plastic, with burl mat (steam sterilization)
outside dimensions: 200 x 110 x 28 mm



G-39527 **STERISAFE[®] DURO A4 PLUS**
 container for steam, gas (EO, FO) and plasma
 sterilization, without trays and strips
 outside dimensions: 290 x 190 x 70 mm
 inside dimensions: 265 x 165 x 60 mm



G-39526 **STERISAFE[®] DURO A4 PLUS COMPLETE SET**
 container for steam, gas (EO, FO) and plasma
 sterilization, including:
 1 x Sterisafe[®] wire basket A4-30
 5 x Sterisafe[®] silicone retainer strips 230 mm
 1 x Sterisafe[®] metal tray A4-30
 outside dimensions: 290 x 190 x 70 mm
 inside dimensions: 265 x 165 x 60 mm

G-39525 **STERISAFE[®] DURO A4**
 container for steam, gas (EO, FO) and plasma
 sterilization
 outside dimensions: 290 x 190 x 60 mm
 inside dimensions: 265 x 165 x 49 mm



G-39528 **STERISAFE[®] DURO A6**
 container for steam, gas (EO, FO) and plasma
 sterilization
 outside dimensions: 190 x 110 x 60 mm
 inside dimensions: 165 x 92 x 49 mm



G-39543 **STERISAFE[®] DURO WIRE BASKET A4-30**
 outside dimensions: 260 x 163 x 30 mm
 inside dimensions: 249 x 157 x 23 mm



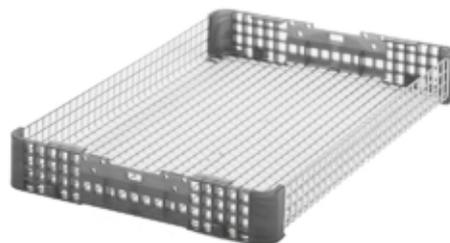
G-39541 STERISAFE® DURO METAL TRAY A4-15

outside dimensions: 260 x 163 x 15 mm
inside dimensions: 249 x 157 x 11 mm



G-39542 STERISAFE® DURO METAL TRAY A4-30

outside dimensions: 260 x 163 x 30 mm
inside dimensions: 249 x 157 x 26 mm



G-39549 STERISAFE® DURO WIRE BASKET A6-30

outside dimensions: 162 x 90 x 30 mm
inside dimensions: 156 x 80 x 23 mm



G-39548 STERISAFE® DURO METAL TRAY A6-15

outside dimensions: 162 x 90 x 15 mm
inside dimensions: 156 x 80 x 11 mm



G-39545 STERISAFE® SILICONE RETAINER STRIP 75

for Sterisafe® DURO A4 and A6
length: 75 mm



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



G-39547 **STERISAFE[®] SILICONE RETAINER STRIP 230**
for Sterisafe[®] DURO A4 and A6
length: 230 mm



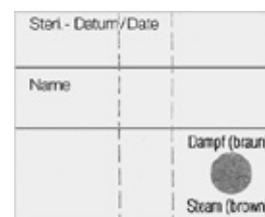
G-39501 **STERISAFE[®] FILTER**
A4 10 pcs. per box
G-39511 A6 10 pcs. per box



G-39530 **STERISAFE[®] FILTER TAG EXPIRATION DATE**
10 pcs. per box



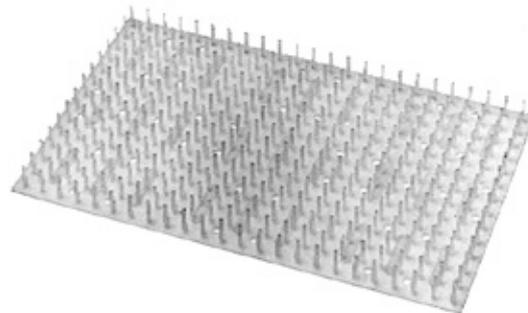
G-39535 **SEAL / LABEL**
seal with color indicator and blank label
2000 pcs. per box



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



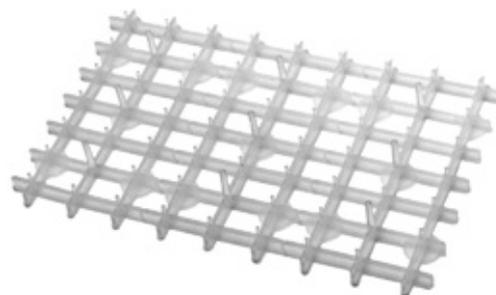
G-39502 **STERISAFE® SILICONE BURL MAT**
G-39512 A4
 A6



G-39506 **STERISAFE® SILICONE BURL MAT**
 for metal grid insert
 A4



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

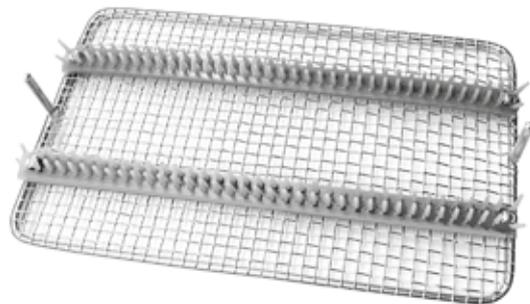


G-39514 **STERISAFE® METAL GRID INSERT**
 A6

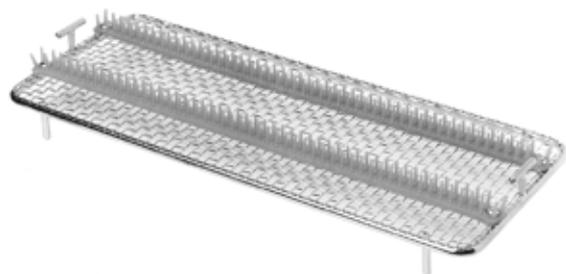


STERISAFE® DURO

- G-39505** **STERISAFE[®] METAL GRID INSERT**
 with 2 silicone burl strips
 A4



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



- G-39544** **RINSING ADAPTER FOR WIRE BASKETS**
 including 4 silicone tubings
 - 2 male Luer adapters
 - 2 female Luer-Lock adapters
 and 2 screws



- G-39557** **SILICONE TUBINGS FOR G-39544**
 Set of 4 pcs.
 - 2 male Luer adapters
 - 2 female Luer-Lock adapters
 10 sets per box



G-31028 **CLEANING ADAPTER**
for ultrasonic handpieces (irrigation connector)
Luer female / male



G-31029 **CLEANING ADAPTER**
for ultrasonic handpieces (aspiration connector)
Luer female / female

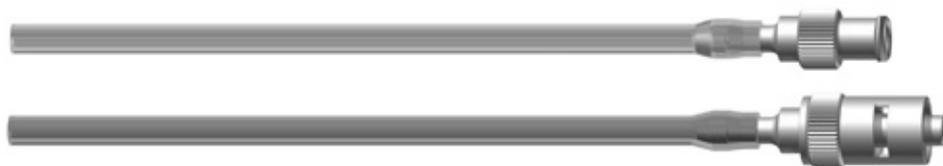


G-31021 **CLEANING ADAPTER**
for ultrasonic tips



G-31013 **CLEANING ADAPTER**
for *HATTENBACH* 25 gauge hybrid instruments
(G-32944, G-32947 and G-32948)

G-22636 **ADAPTER**
for *PAPST I/A* handpiece
light model



G-31025 **CLEANING ADAPTER**
metal
for cleaning I/A handpieces
Luer-Lock female / female



G-31026 **CLEANING ADAPTER**
plastic
for cleaning I/A handpieces
Luer-Lock female / female



G-31016 **CLEANING ADAPTER**
for diamond knives, small



G-31017 **CLEANING ADAPTER**
for diamond knives, large



G-31022 **CLEANING ADAPTER**
for G-37010 - G-37080



G-31031 **CLEANING ADAPTER**
for aspiration handpiece G-37100 and G-37105
Luer-Lock female / silicone tube
2.1 x 1.0 mm



G-31018 **CLEANING ADAPTER**
for PFCL cannula G-33055
Luer-Lock female / silicone tube



G-31024 **CLEANING ADAPTER**
for eye specula with aspiration



G-31023 **CLEANING ADAPTER**
for lacrimal cannulas with handle
and lateral aspiration port 0.40 mm
G-33141 and G-33142



G-31027 **CLEANING ADAPTER**
for *JUENEMANN* probes





G-31034 **CLEANING ADAPTER**
for foreign body instruments G-14530, G-14540, G-14550
Luer-Lock female

G-31014 **CLEANING ADAPTER**
for cannulas G-33057 and G-33059
Luer-Lock female



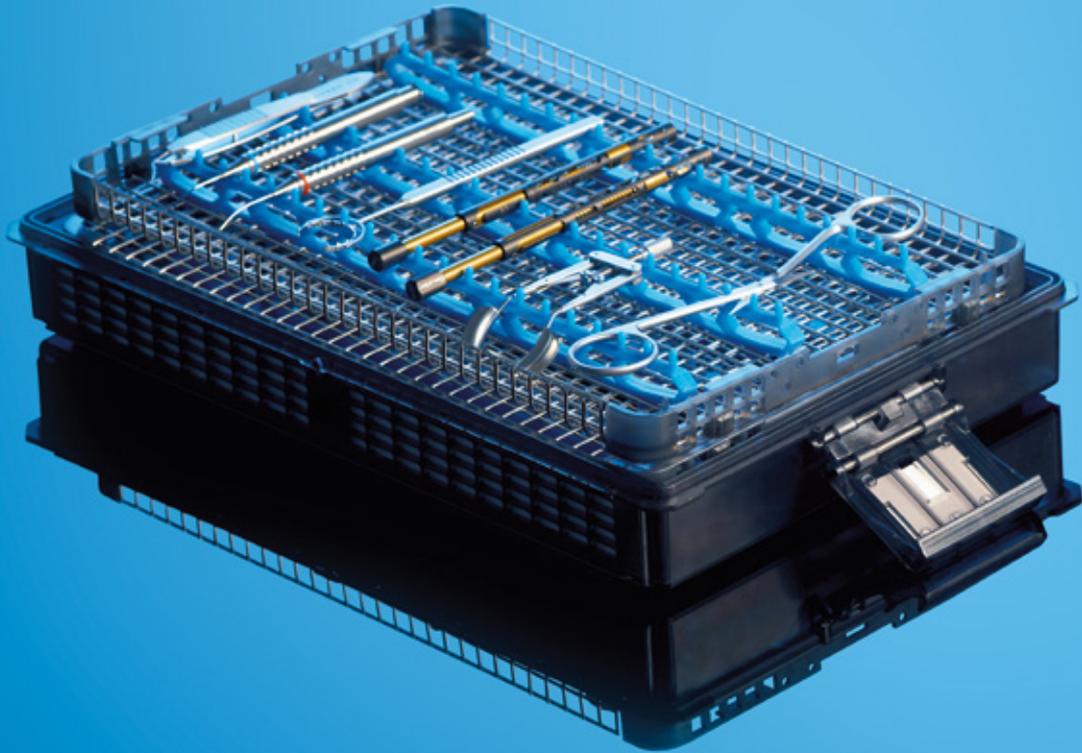
G-36604 **CLEANING ADAPTER**
for rotatable and interchangeable tips



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

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SETS

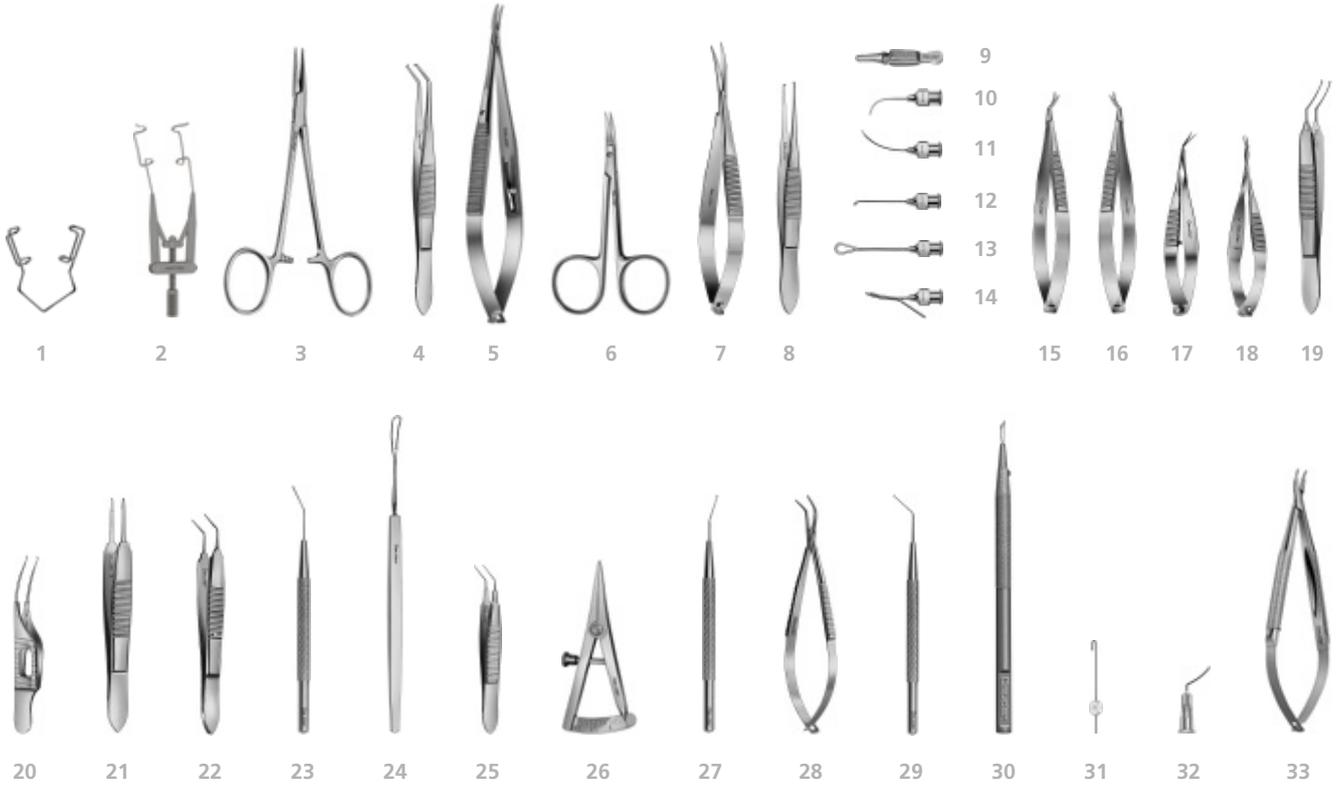


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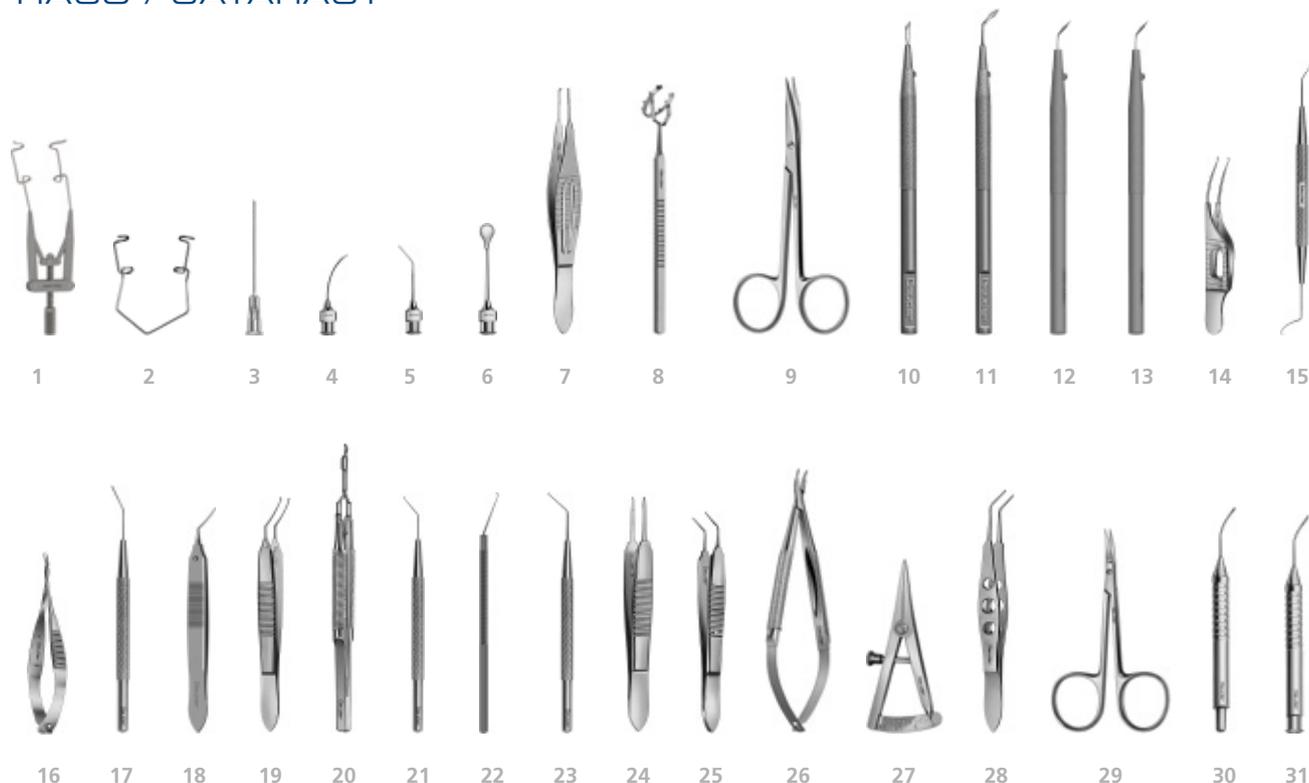
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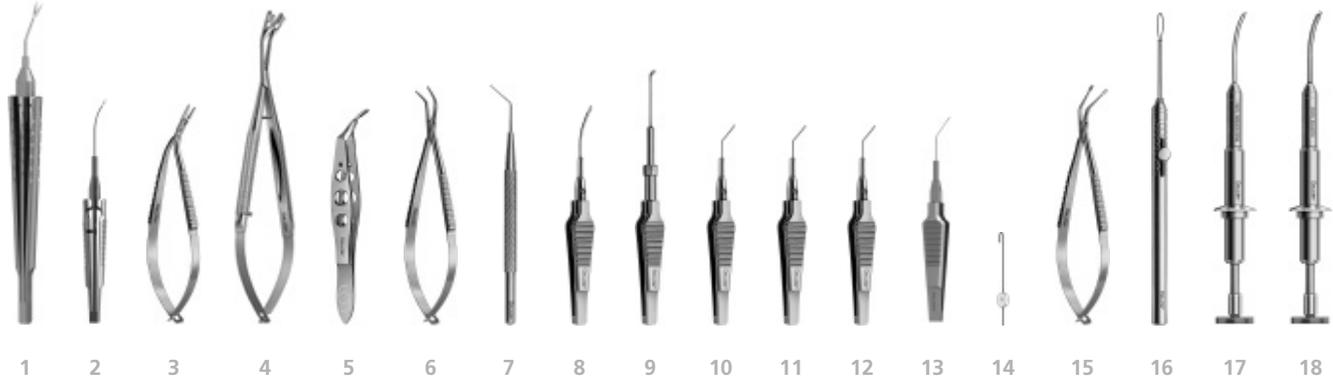
ECCE - EXTRA CAPSULAR CATARACT EXTRACTION

PHACO / CATARACT



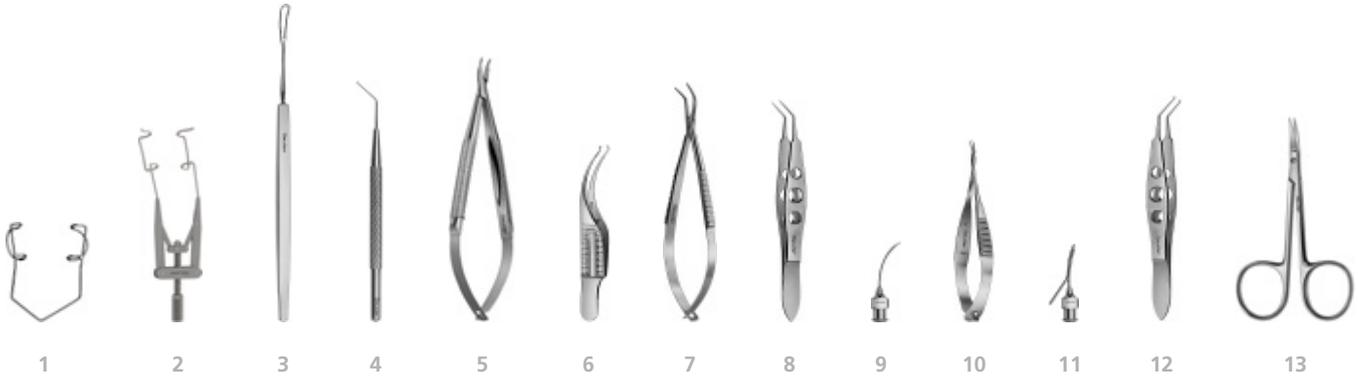
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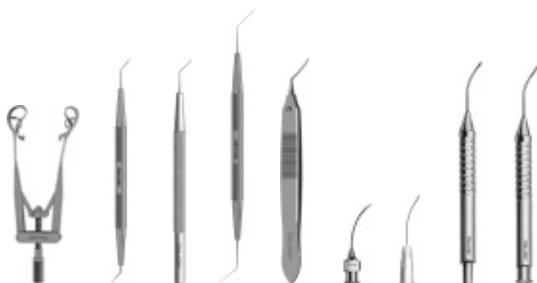
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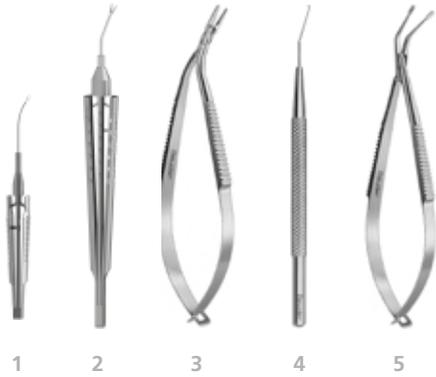
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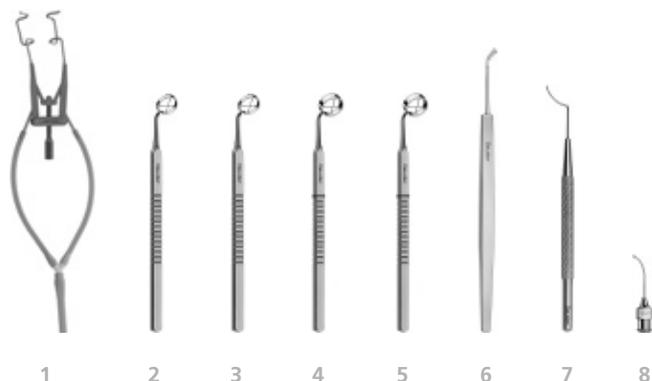
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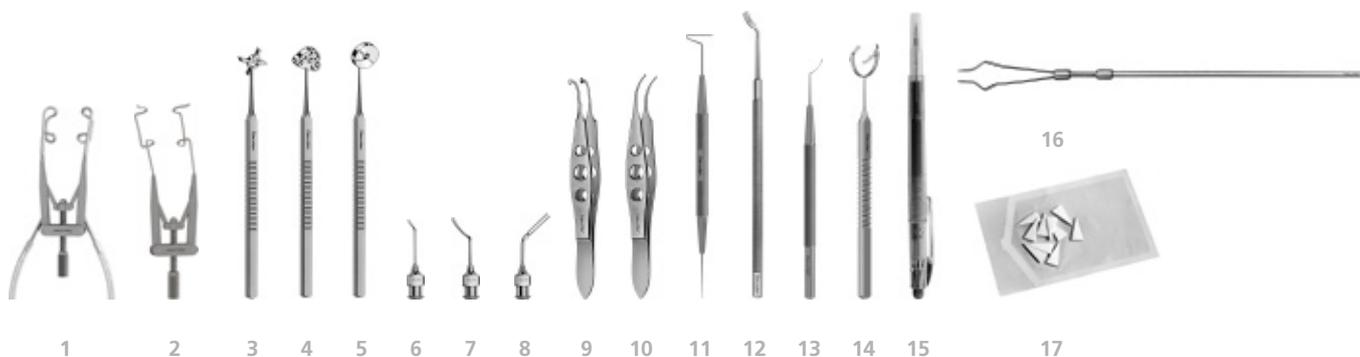
IOL EXPLANTATION · TORIC IOL · IOL SCLERAL FIXATION · IRIS SUTURE

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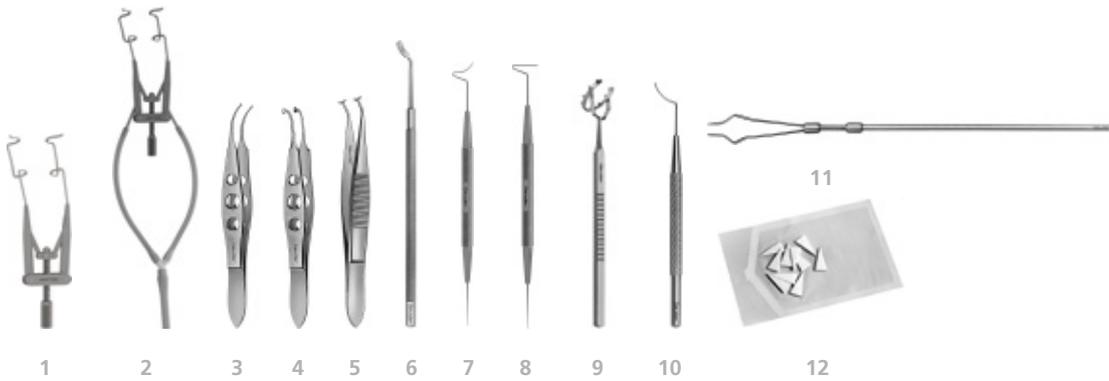
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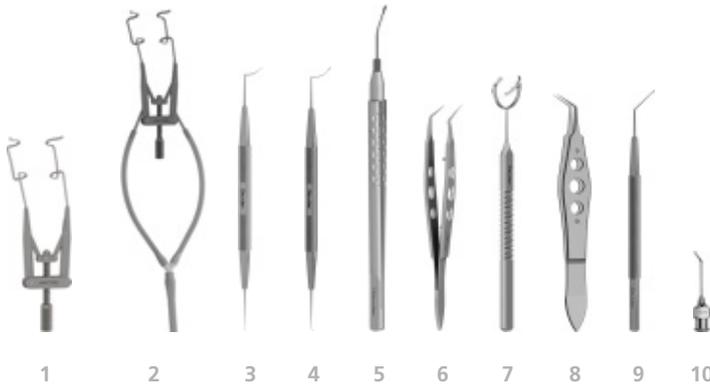
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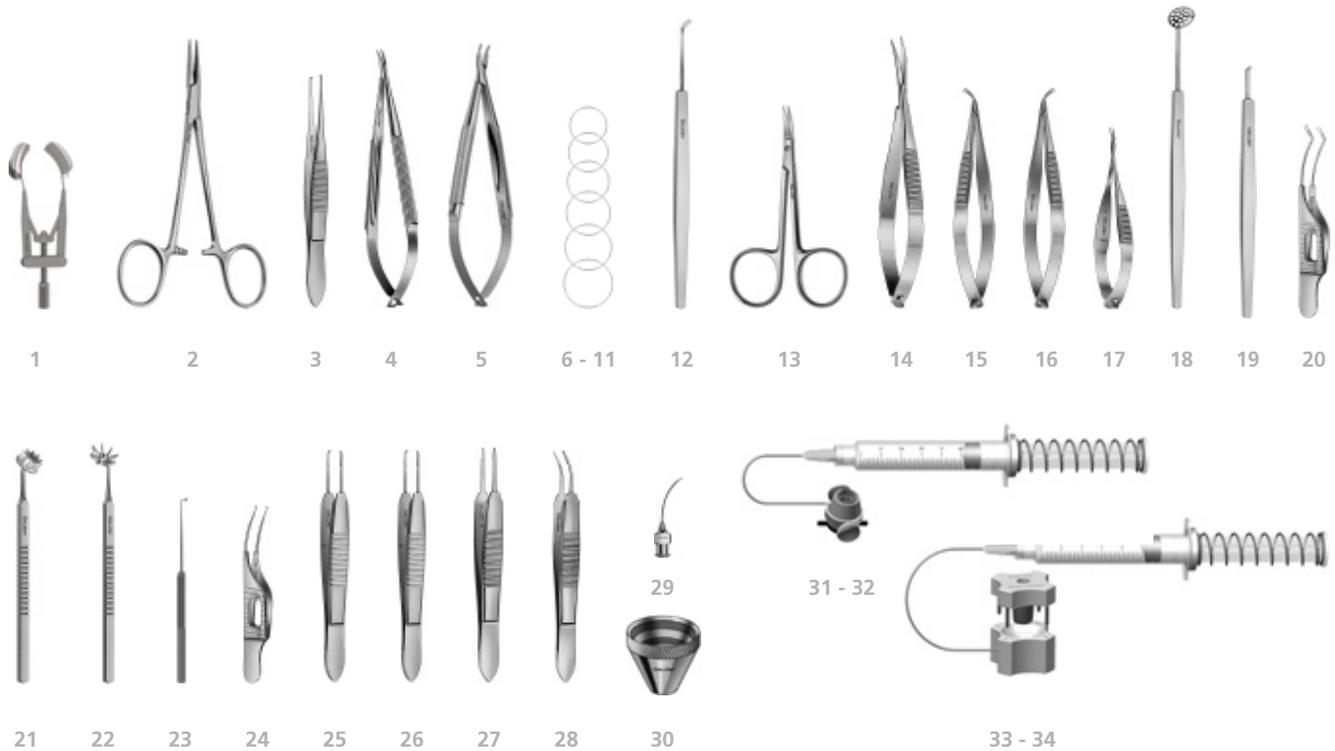
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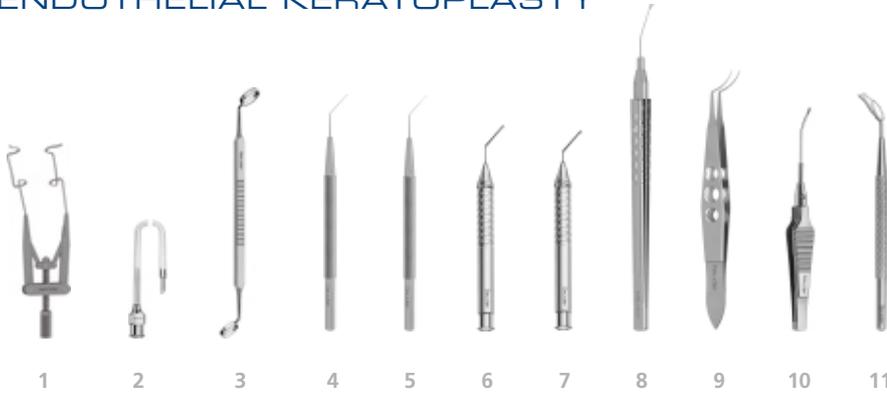
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KERATOPLASTY



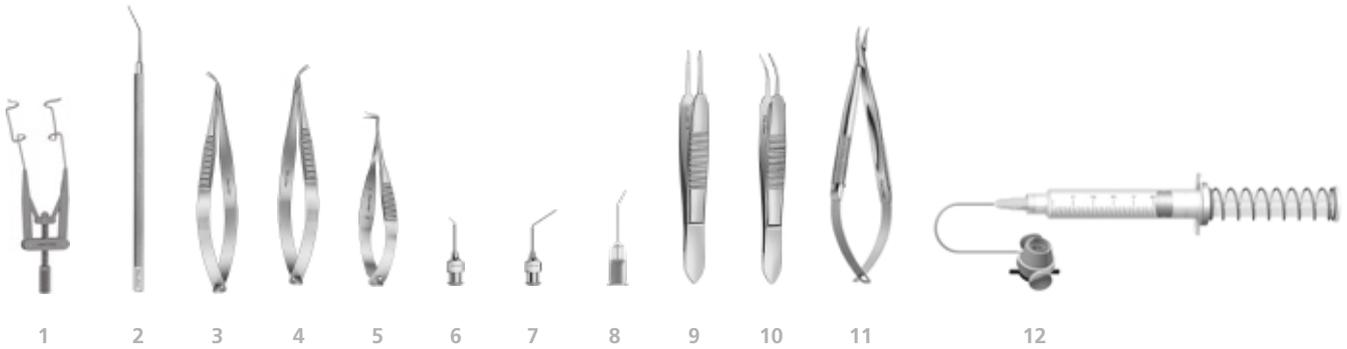
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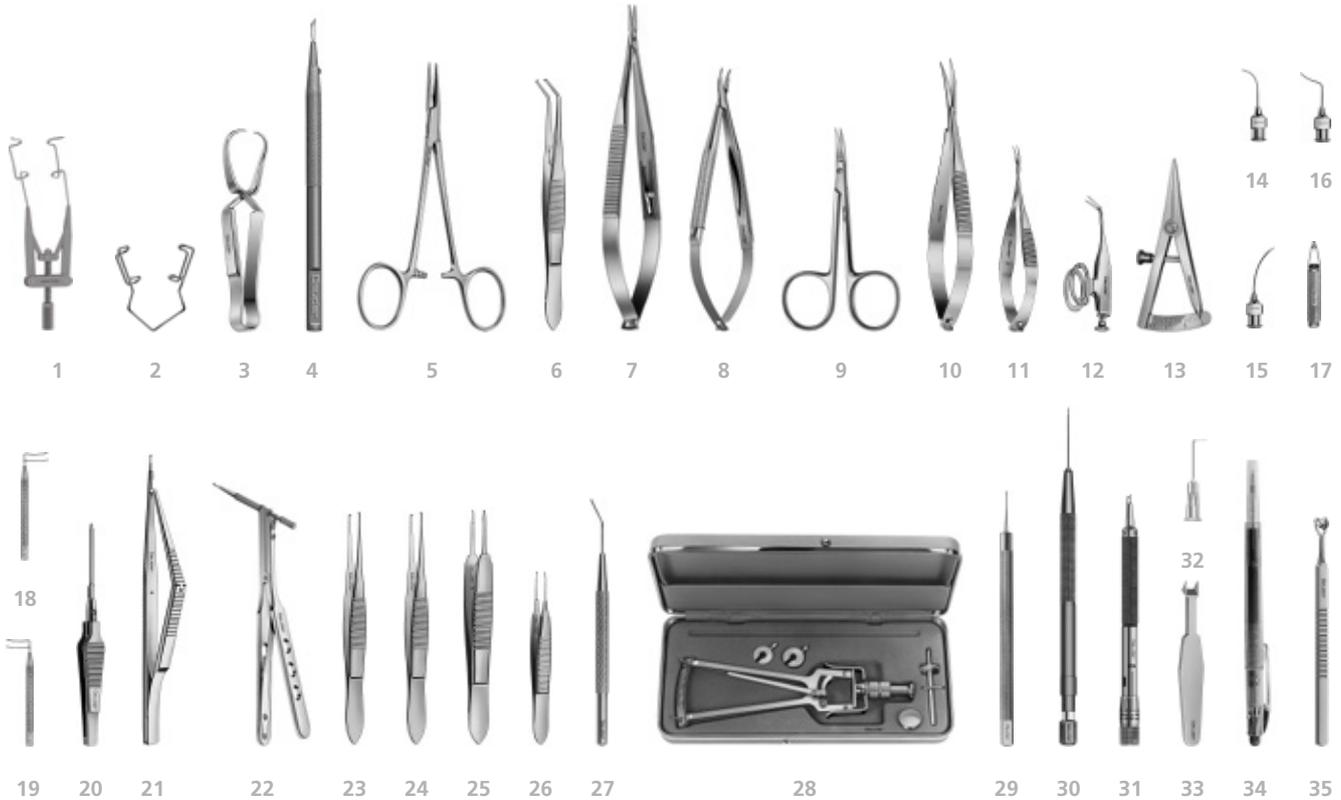
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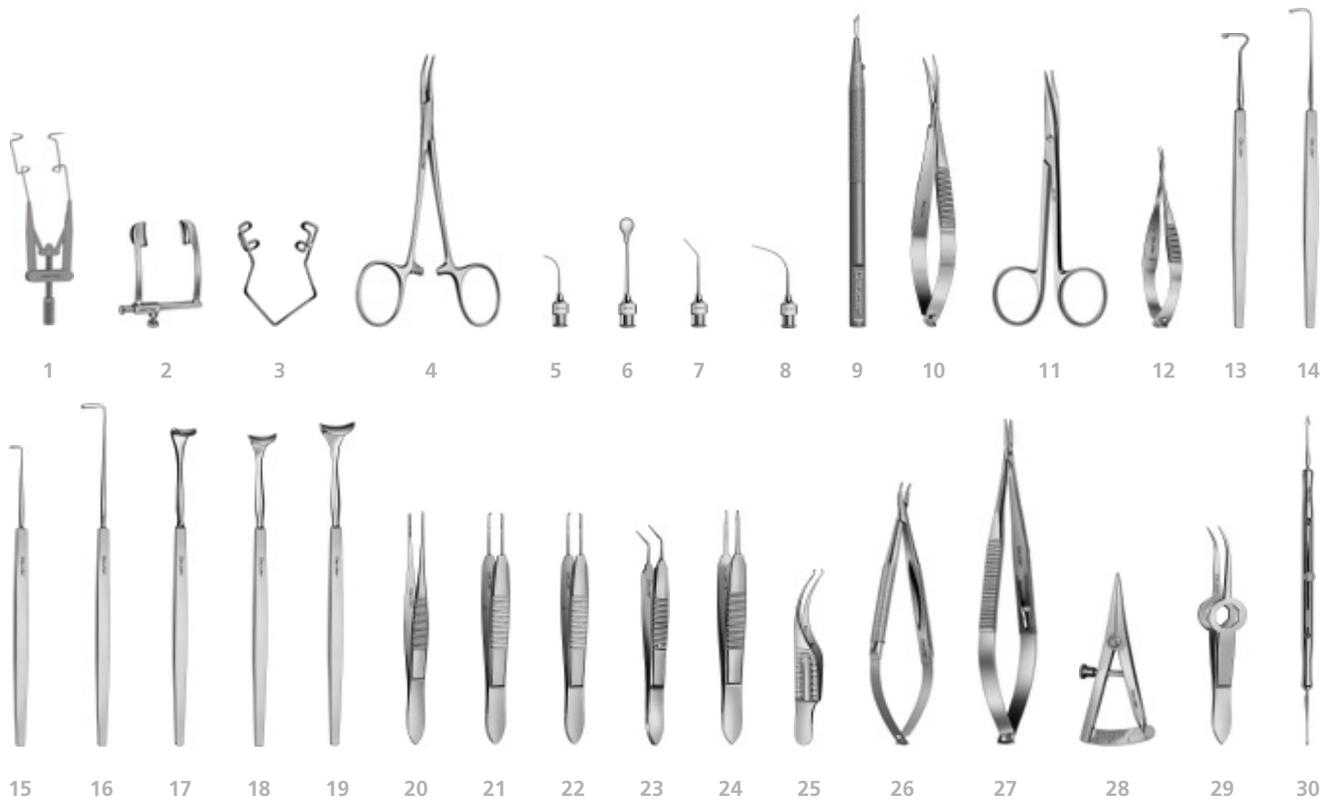
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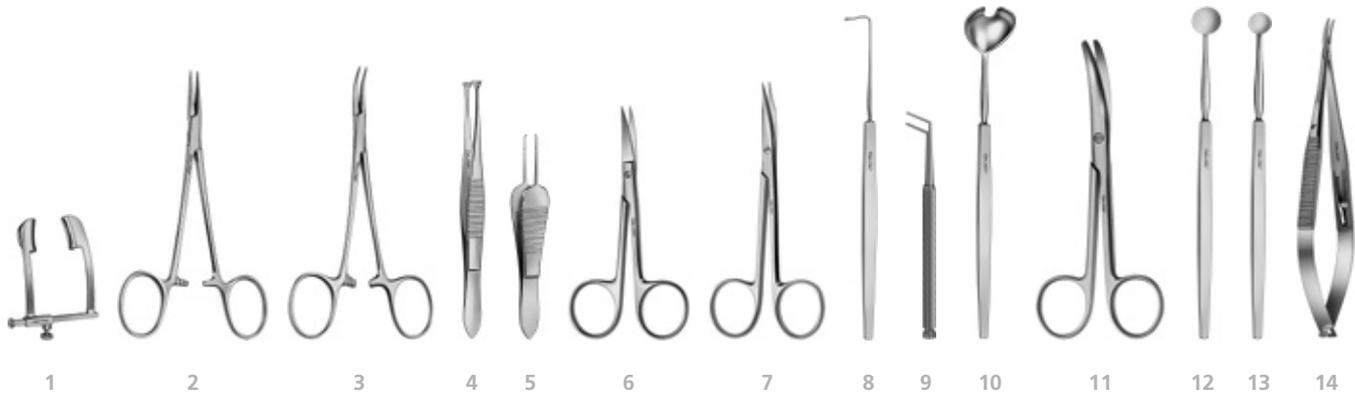
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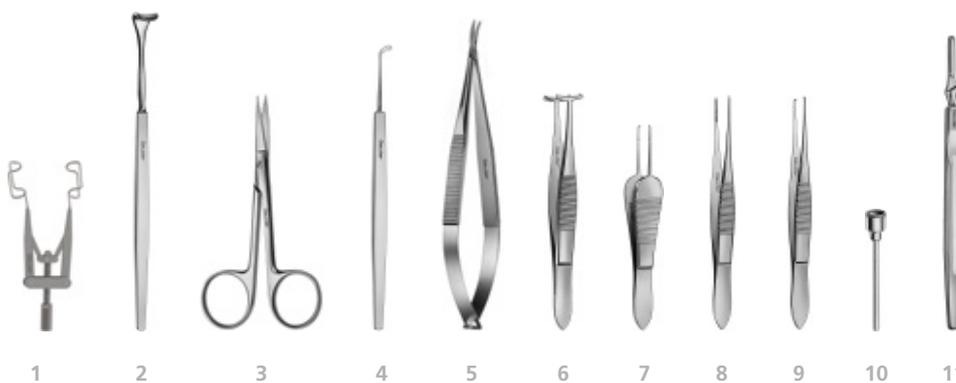
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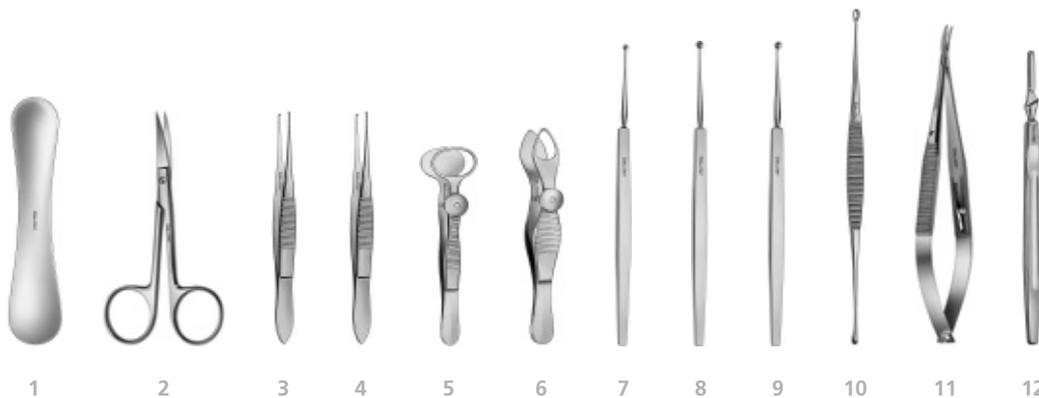
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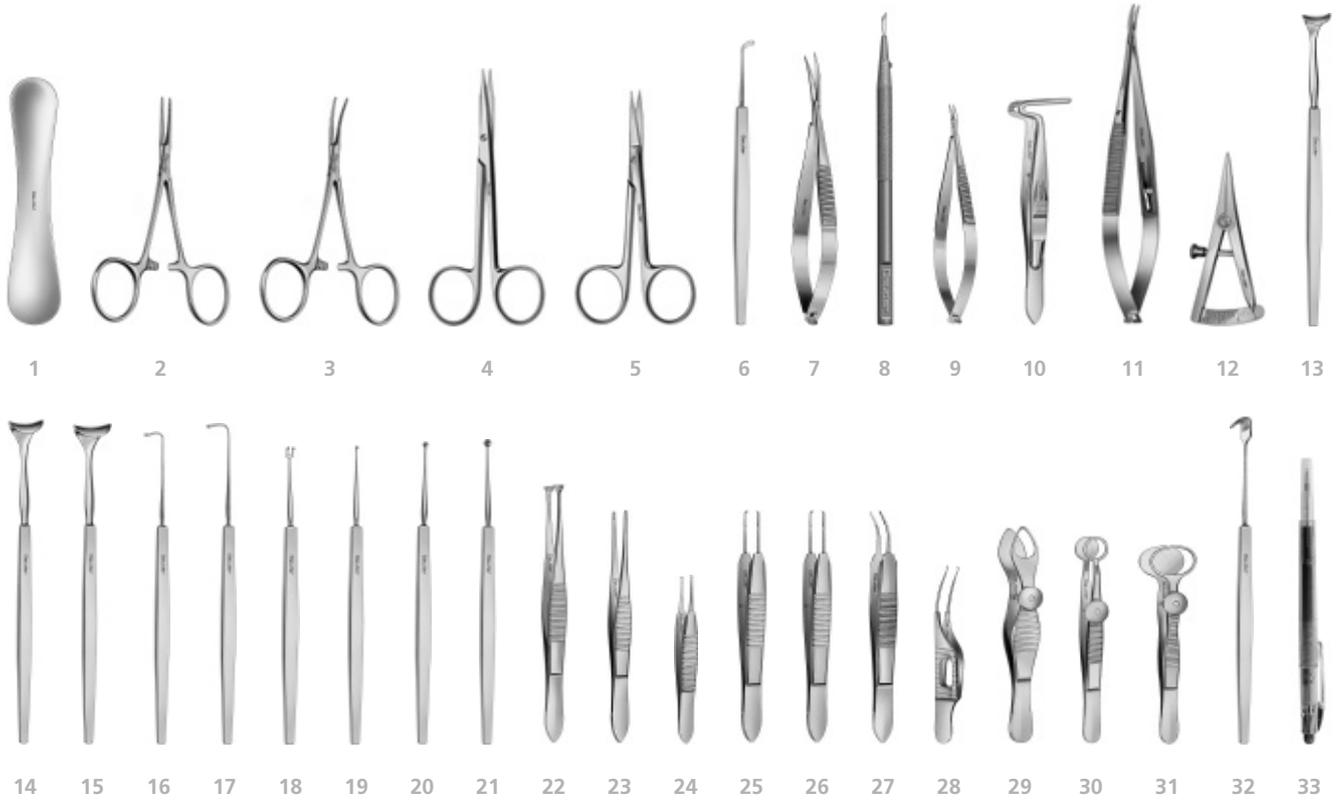
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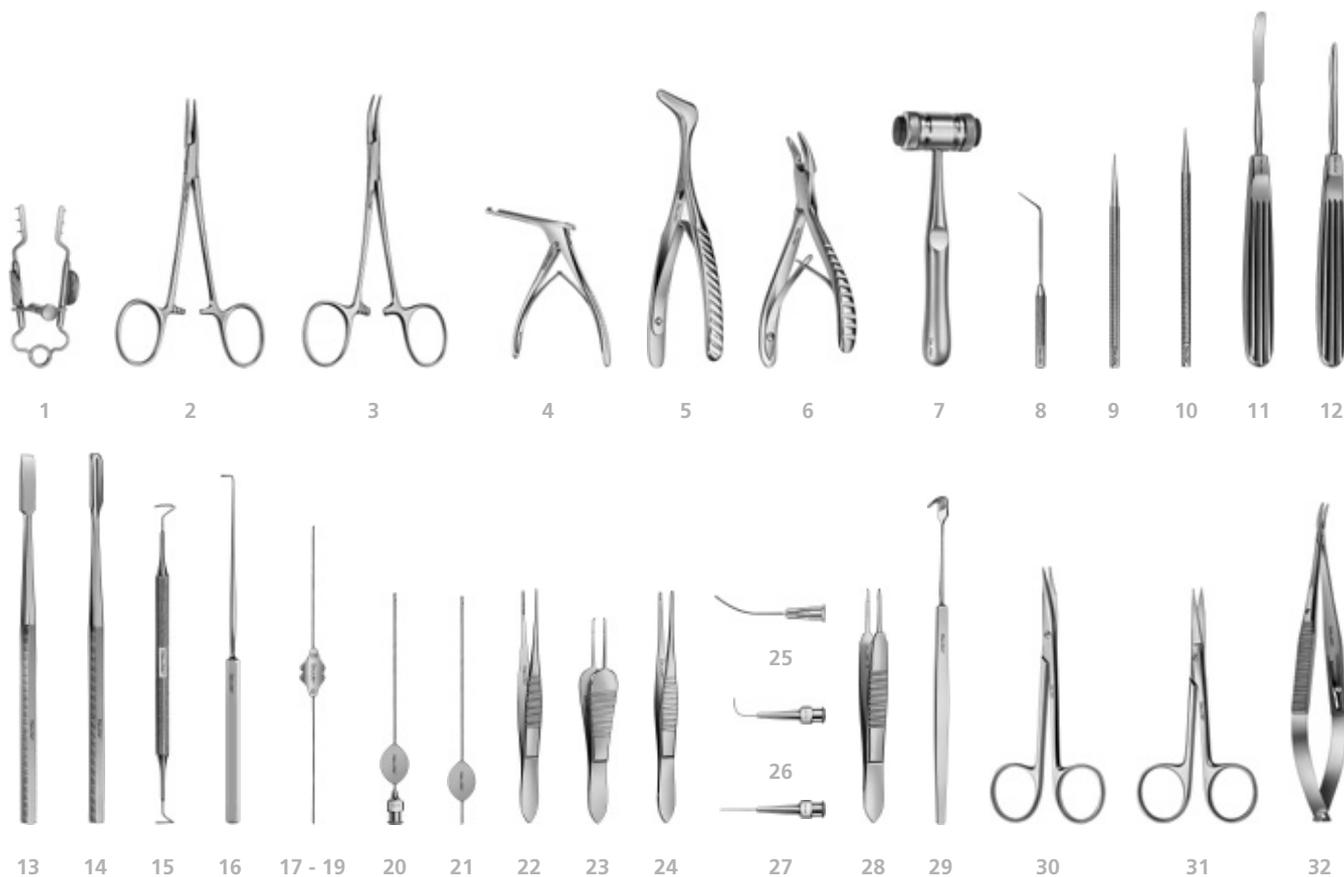
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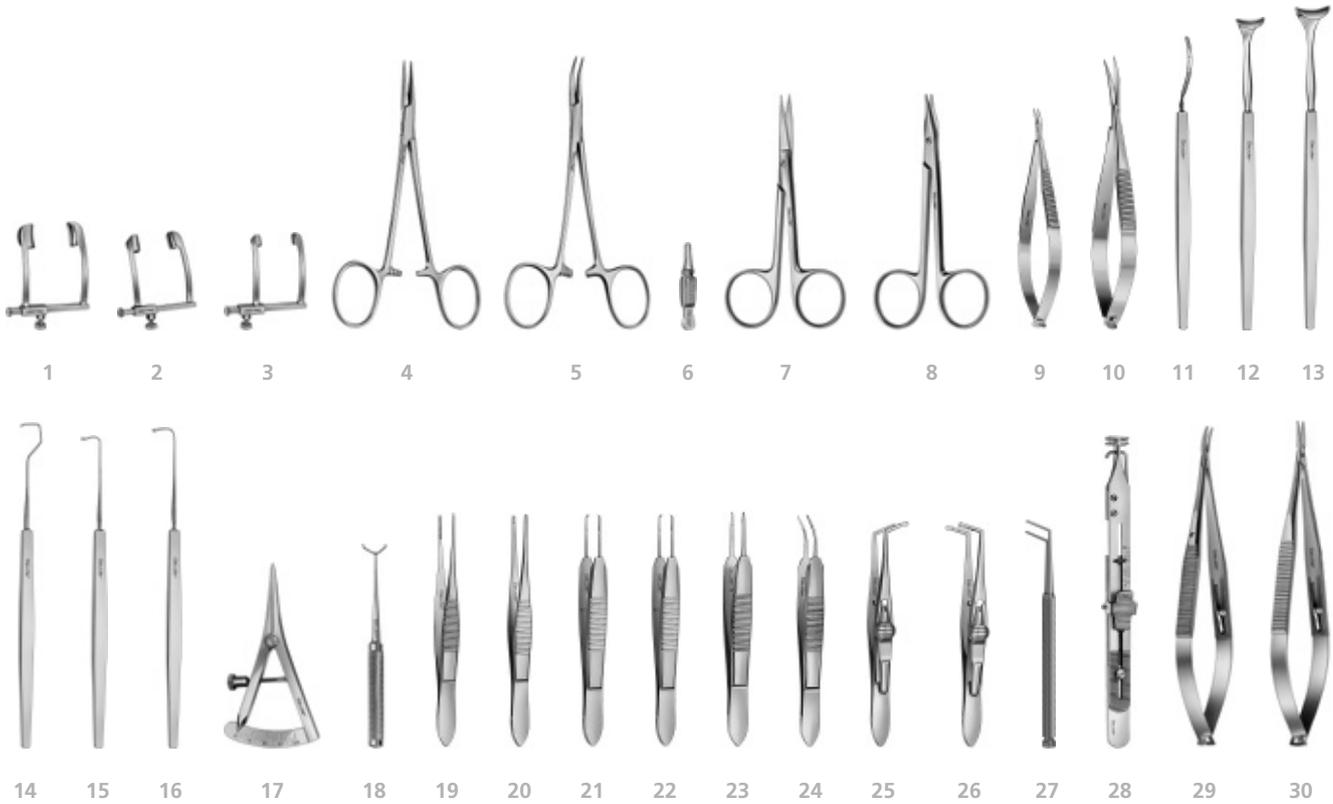
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DCR / LACRIMAL



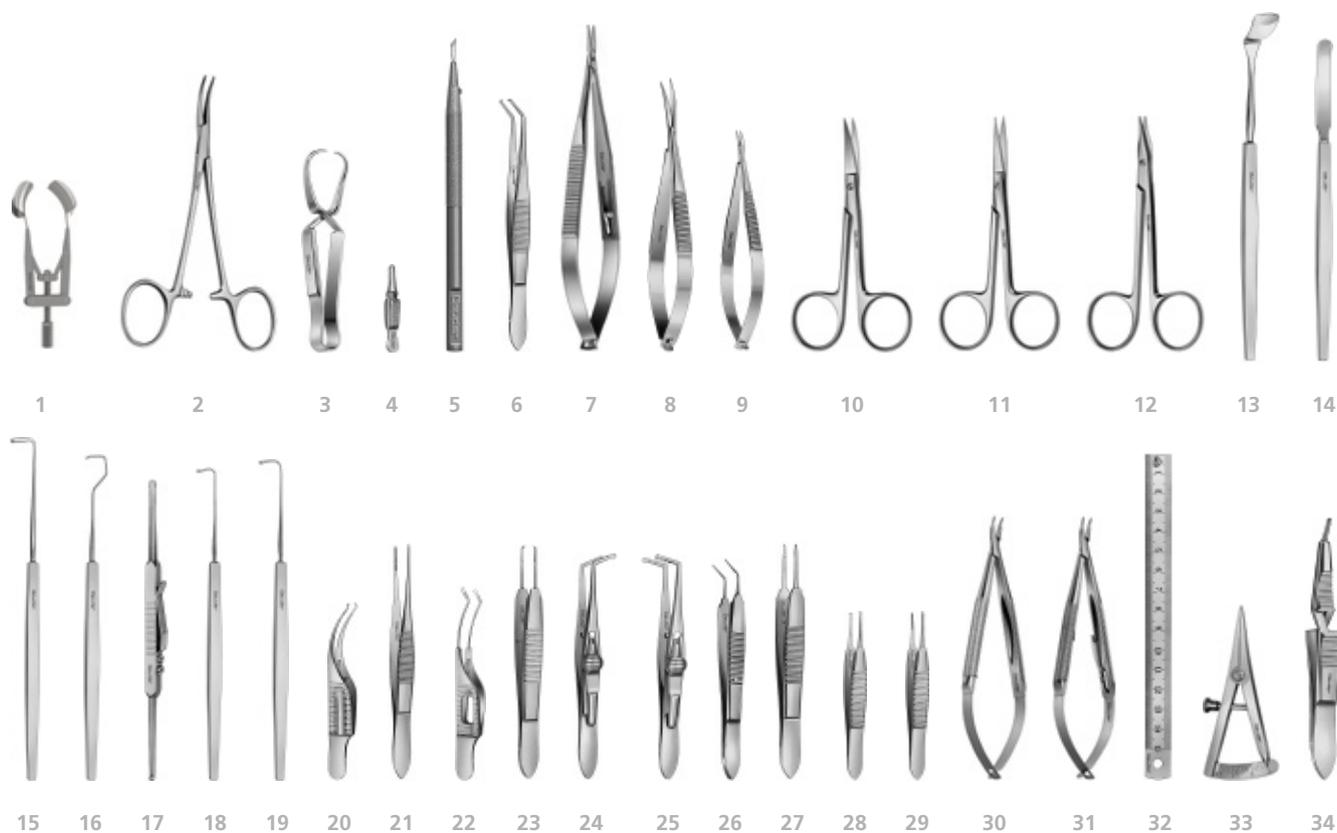
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STRABISMUS / MUSCLE



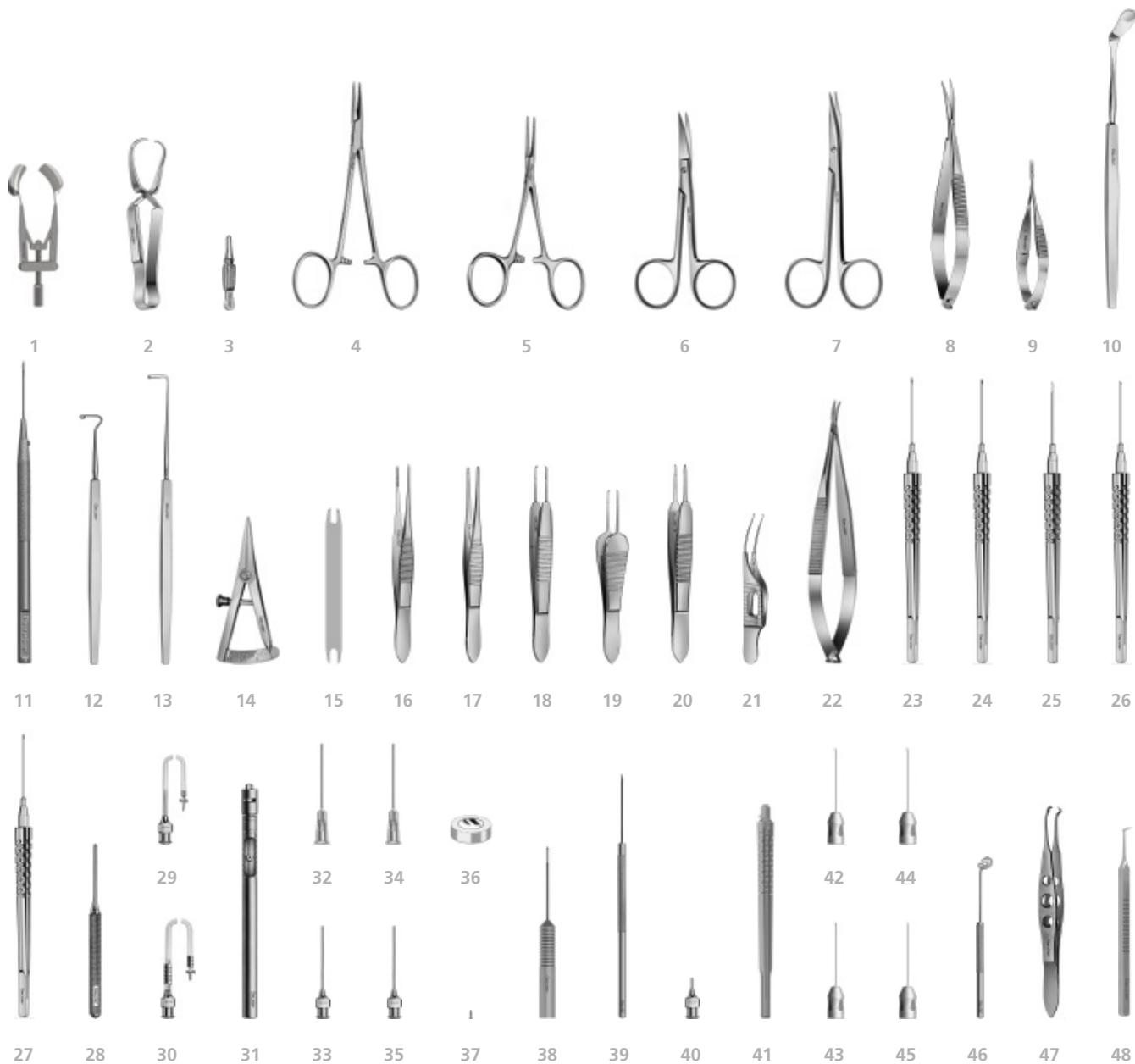
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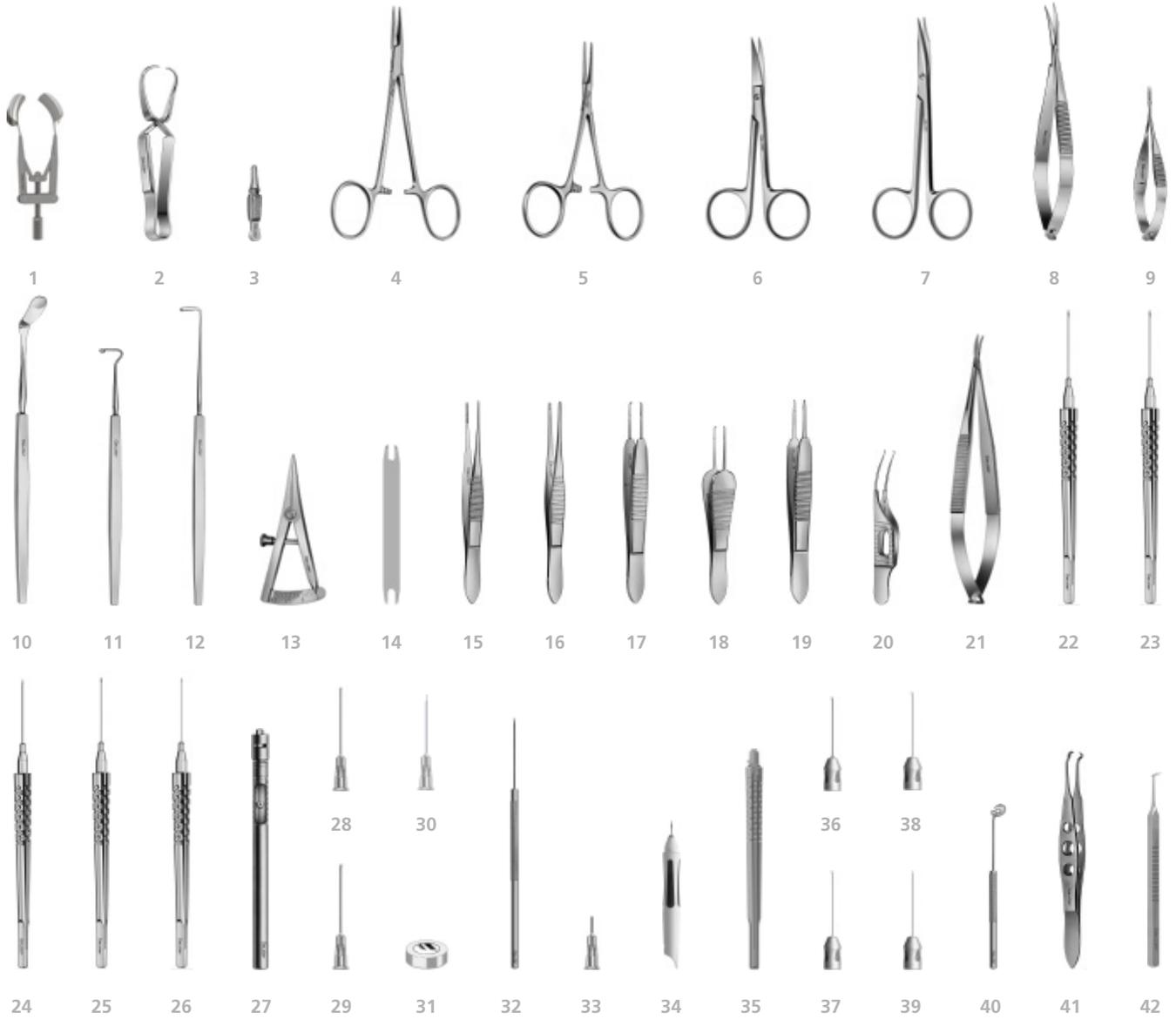
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VITRECTOMY 20G

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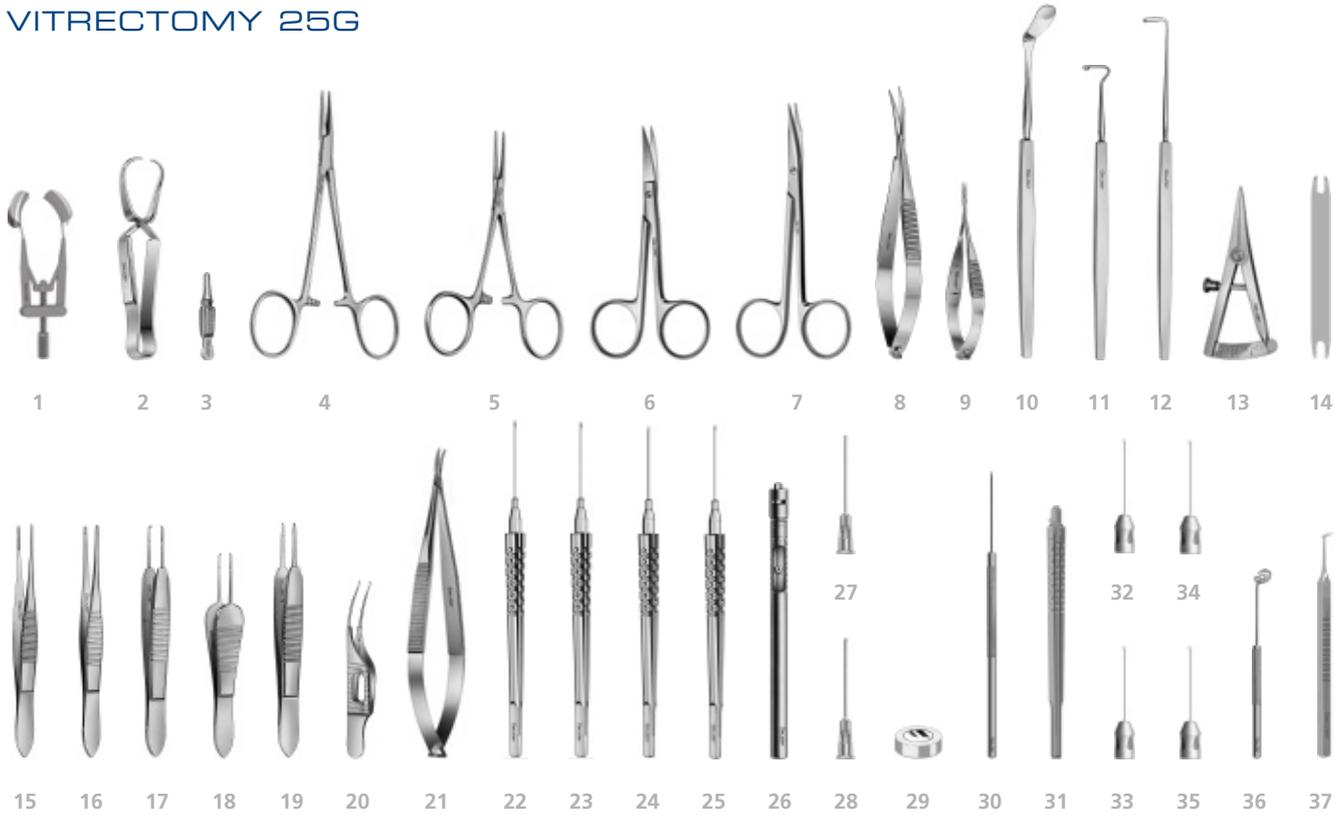
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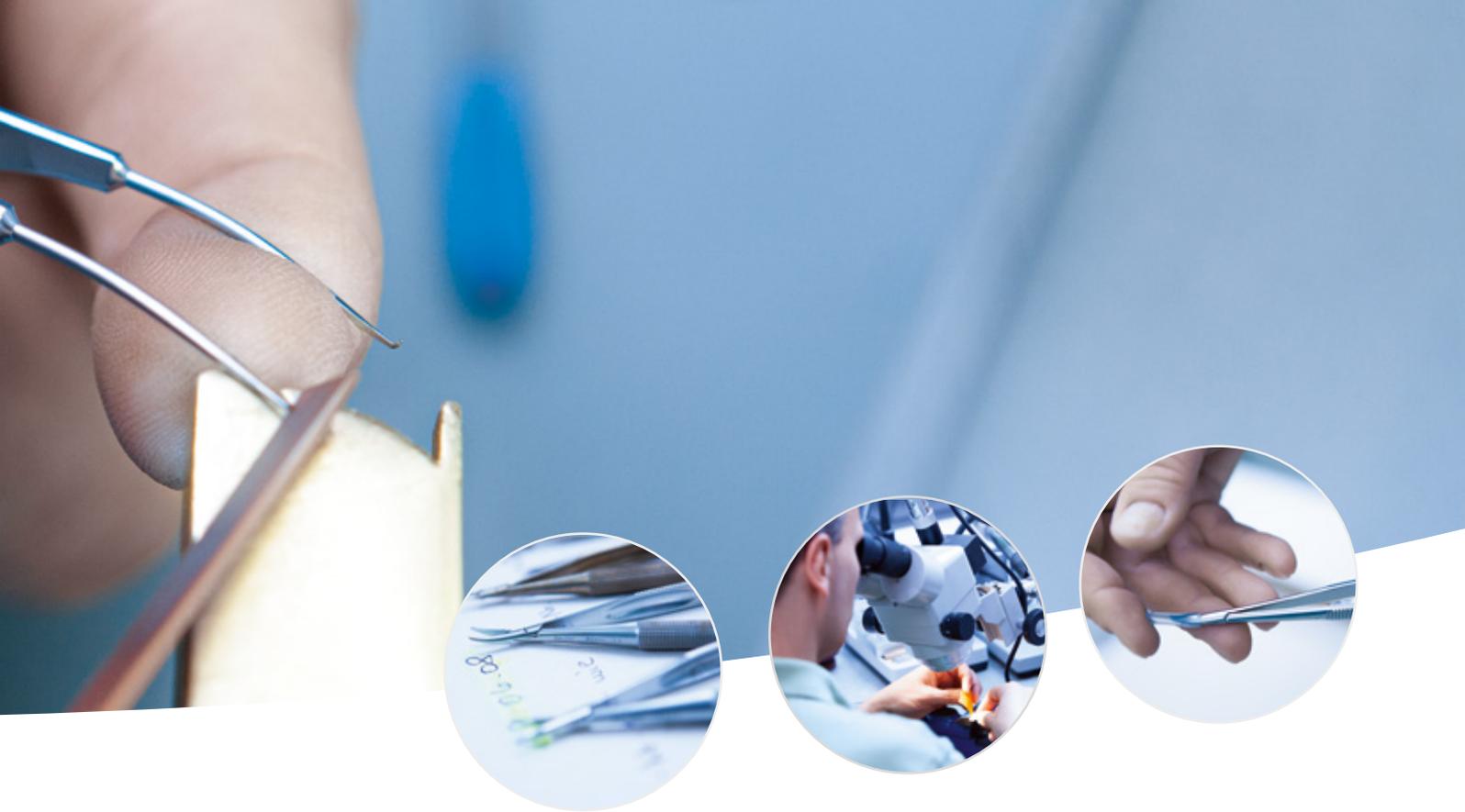
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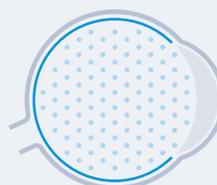
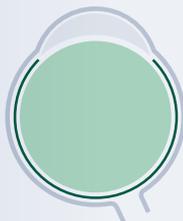
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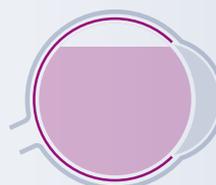
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