

# Geuder®

OPHTHALMIC SURGICAL PRODUCTS



**Geuder®**  
Precision made in Germany

**INSTRUMENTS**

MAIN CATALOGUE

06 / 2018

## FOCUSED ON PRECISION.

### GEUDER - PRECISION MADE IN GERMANY.

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

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

manufacturing the most innovative products that fulfill the international standards.

A numerous amount of granted patents in more than 65 years demonstrates our intensive involvement in research and development, as well as our forward-looking philosophy. Always keeping our goal to provide the highest level of precision and reliability while complying with the requirements of ophthalmologists to serve the patient's expectations and well being.

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



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

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

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

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

Certified to ISO 9001/13485



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Manufacturer of ophthalmic surgical instruments and systems

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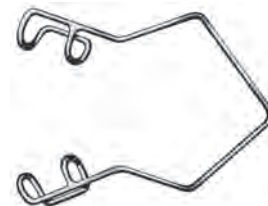
**G-17020** *BARRAQUER*  
**EYE SPECULUM**  
fenestrated  
14 mm blades  
overall length 38 mm



**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

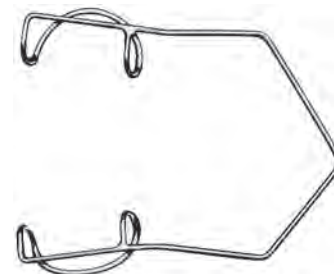
WIRE

01

WIRE

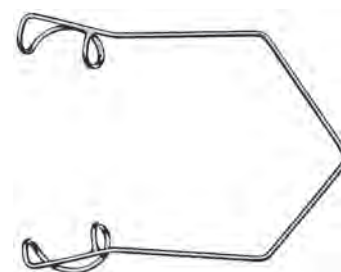
G-32136

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



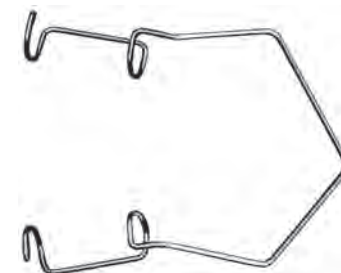
G-32137

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



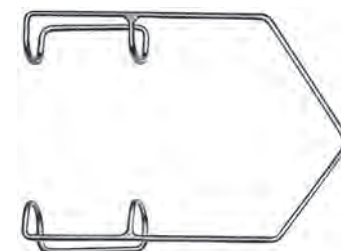
G-32148

*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



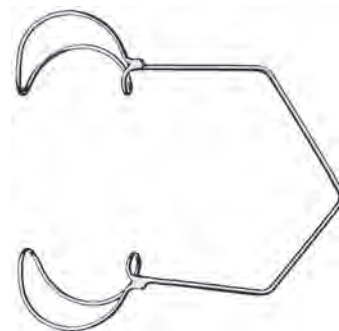


G-32133

*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

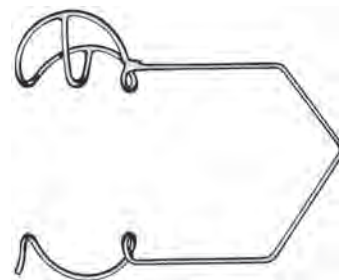
WIRE

*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

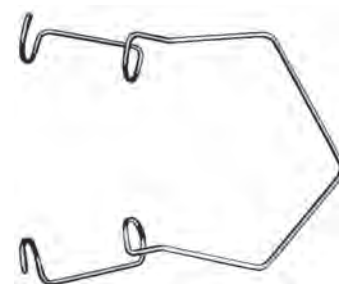
G-32127



G-17004

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

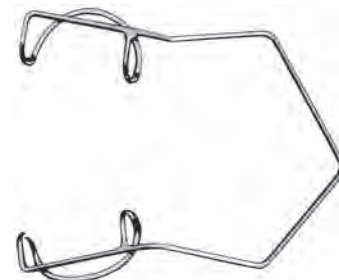
for nasal placement  
fenestrated  
14 mm open blades  
overall length 40 mm



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**

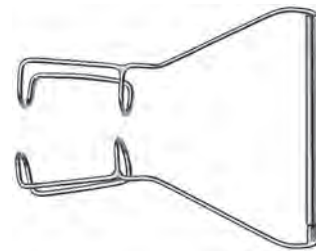
fenestrated, adjustable

**G-17010**

14 mm blades, overall length 40 mm

**G-17011**

10 mm blades, overall length 30 mm, for infants



*BARRAQUER-OOSTERHUIS*

**EYE SPECULUM**

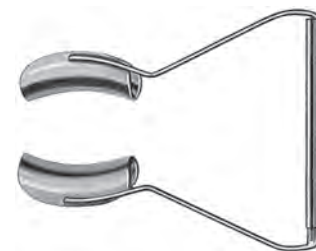
solid blades, adjustable

**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

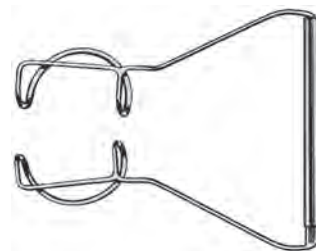
adjustable

**G-32138**

14 mm blades, overall length 40 mm

**G-32139**

11 mm blades, overall length 30 mm, for infants



**G-17017**

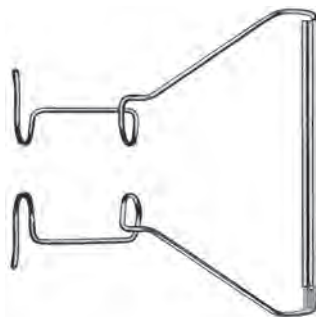
*BARRAQUER-OOSTERHUIS-KRATZ*

**EYE SPECULUM**

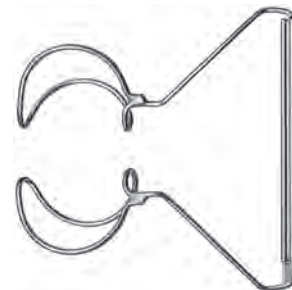
adjustable, fenestrated

15 mm open blades

overall length 40 mm



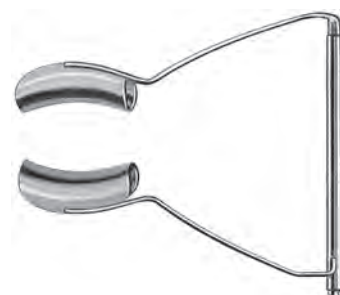
- G-32119** *KRATZ-BARRAQUER*  
**EYE SPECULUM**  
adjustable, fenestrated  
15 mm round wing blades  
overall length 40 mm



01

WIRE · ADJUSTABLE

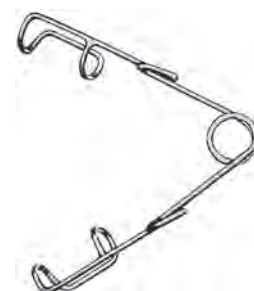
- G-17027** *THOMAS NEUHANN*  
**EYE SPECULUM**  
adjustable  
15 mm solid blades  
overall length 40 mm



- G-17030** *SAUER*  
**EYE SPECULUM**  
12 mm solid blades  
overall length 30 mm



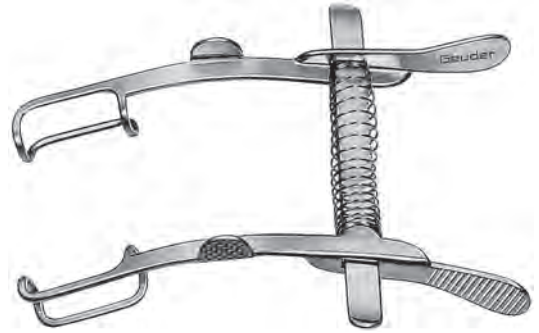
- G-32134** *TAKEDA*  
**EYE SPECULUM**  
for infants  
9 mm fenestrated blades  
with finger grips and  
angled interlacing valves  
overall length 28 mm



G-15945

*MELLINGER*  
**EYE SPECULUM**

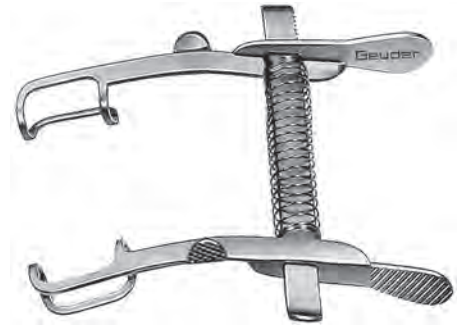
large  
adjustable, self retaining  
16.5 mm fenestrated blades  
overall length 65 mm



G-32130

*MELLINGER*  
**EYE SPECULUM**

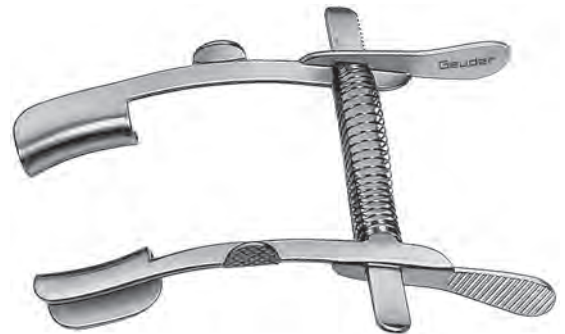
small, for infants  
adjustable, self retaining  
12.5 mm fenestrated blades  
overall length 55 mm



G-15946

*MELLINGER-BEARD*  
**EYE SPECULUM**

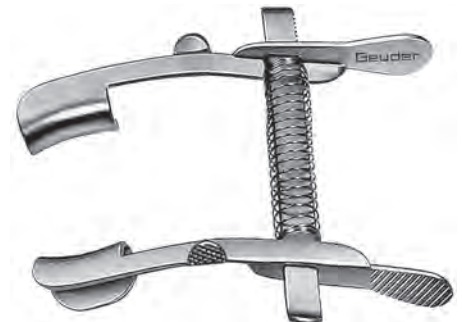
large  
adjustable, self retaining  
15.5 mm solid blades  
overall length 65 mm



G-32135

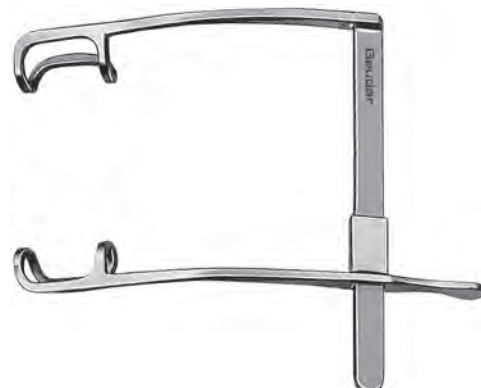
*MELLINGER-BEARD*  
**EYE SPECULUM**

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

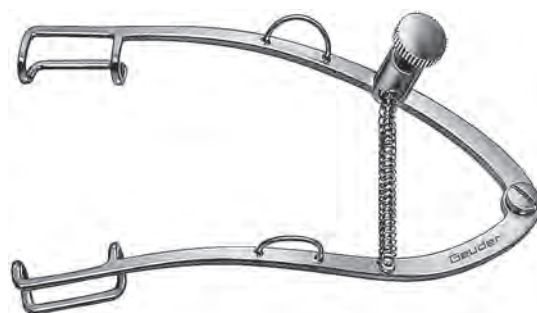


*PRETORI***EYE SPECULUM**

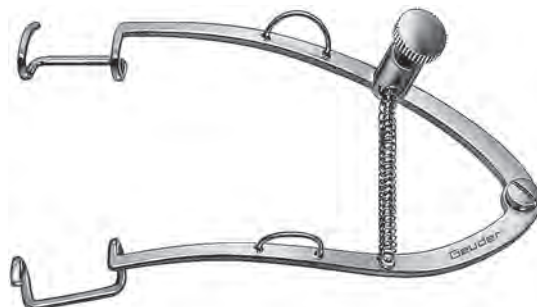
13.5 mm fenestrated blades  
adjustable, self retaining  
overall length 63 mm  
left  
right

**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



G-15956

*WEISS*  
**EYE SPECULUM**

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



G-15970

*WEISS*  
**EYE SPECULUM**

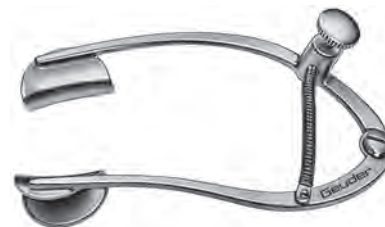
adjustable with locking screw  
16.5 mm solid blades  
overall length 85 mm



G-15975

*WEISS*  
**EYE SPECULUM**

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



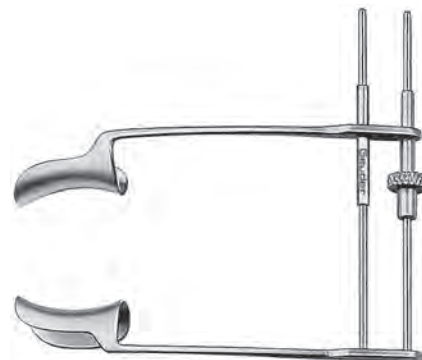
G-37130

*BARTL*  
**EYE SPECULUM**

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



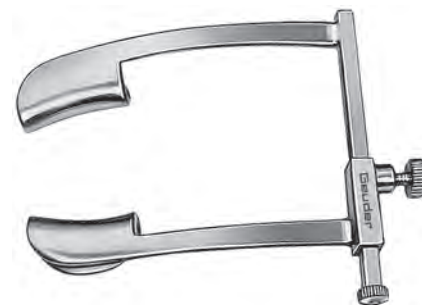
- G-16010** *BANGERTER*  
**EYE SPECULUM**  
adjustable, with locking screw  
15 mm solid blades  
overall length 52 mm



- CASTROVIEJO*  
**EYE SPECULUM**  
fenestrated, adjustable  
overall length 96 mm  
**G-16020** 14 mm blades, small  
**G-16025** 16 mm blades, medium  
**G-16030** 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

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**

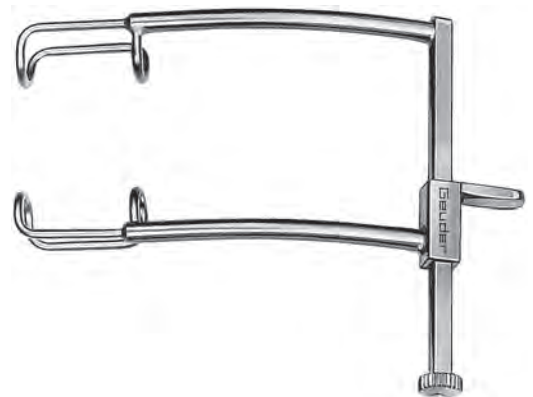
for infants  
5 mm solid blades  
adjustable, with locking screw  
overall length 30 mm



G-17000

*MURDOCK*  
**EYE SPECULUM**

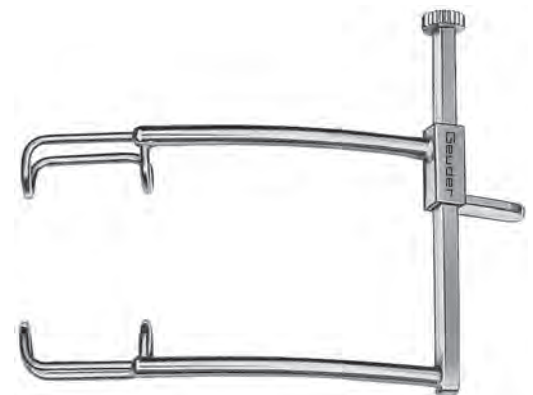
left  
14 mm fenestrated blades  
adjustable, self retaining  
overall length 50 mm



G-17001

*MURDOCK*  
**EYE SPECULUM**

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

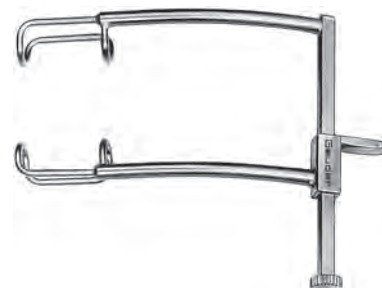




*MURDOCK*  
**EYE SPECULUM**

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

**G-17002**  
**G-17003**

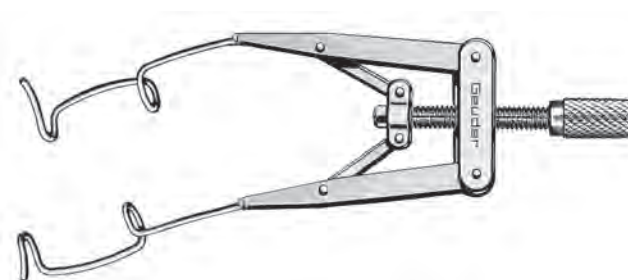


01

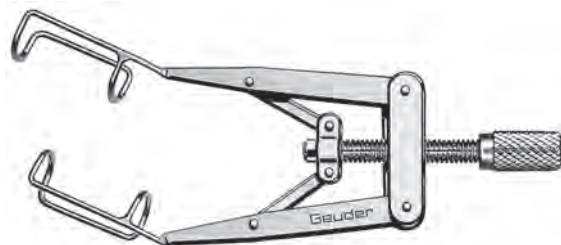
ADJUSTABLE · LOCKING

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

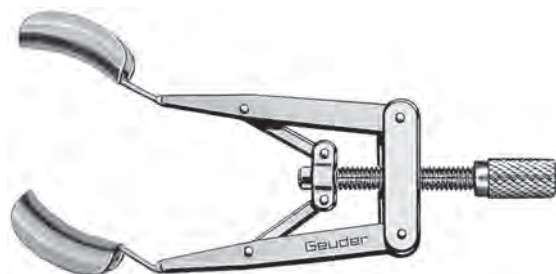
adjustable, fenestrated  
for temporal placement  
15 mm open blades  
overall length 80 mm

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

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

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

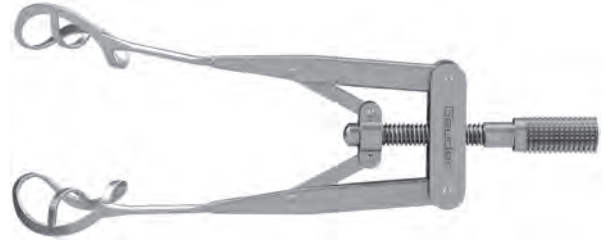
adjustable, reversible  
for nasal and temporal placement  
15 mm solid blades  
overall length 75 mm



G-33965

*DICK*  
**FEMTOCATARACT EYE SPECULUM**

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



G-33971

*SOLOMON*  
**FEMTOCATARACT EYE SPECULUM**

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



G-33919

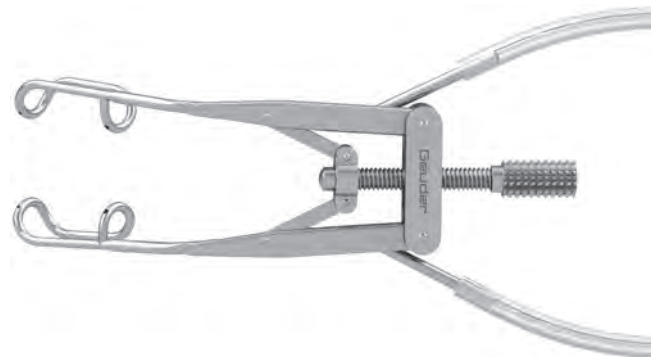
**SPARE TUBING SET**  
for eye speculum with aspiration

1/2

G-33920

*KNORZ*  
**LASIK EYE SPECULUM**

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



*NODA***EYE SPECULUM**

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

**G-17019**

15 mm open blades

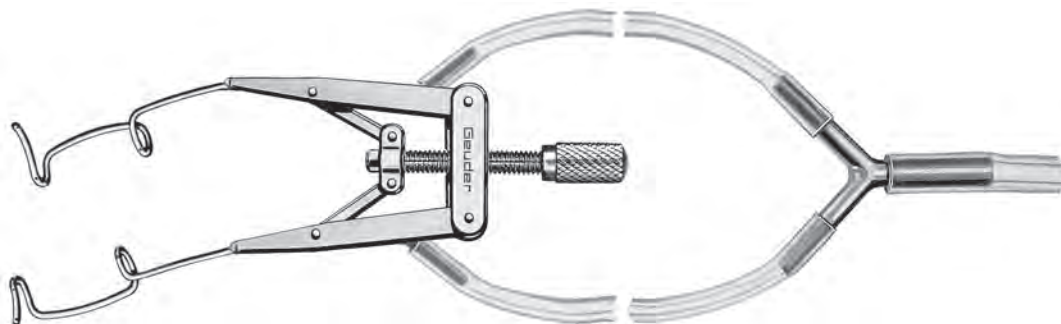
**G-17021**

12 mm open blades, for infants

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

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

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



**G-15961**

*LIEBERMANN-TENNANT*  
**EYE SPECULUM**

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



**G-17024**

*KOGA / NODA*  
**EYE SPECULUM**

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

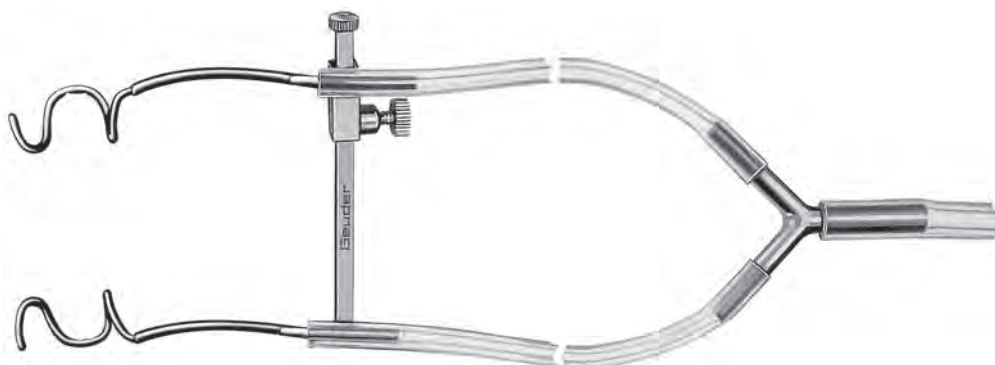


G-17031

NODA

**EYE SPECULUM**

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

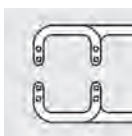


G-15962

KAMMANN

**EYE SPECULUM**

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

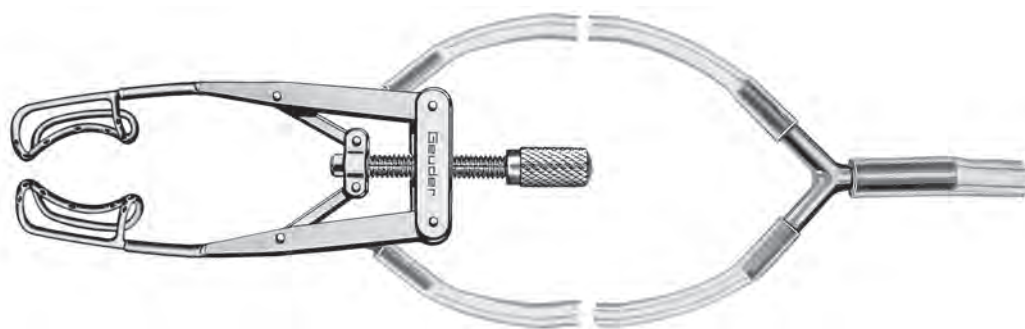




G-33914

*ZIRM***LASIK EYE SPECULUM**

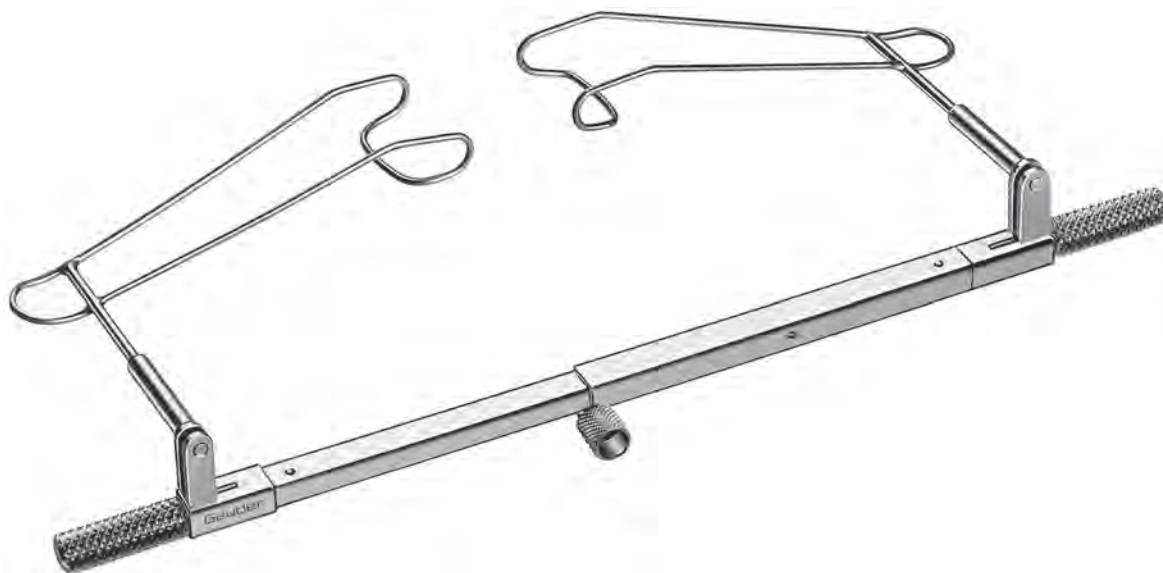
adjustable, with aspiration  
 16 mm fenestrated blades  
 to remove excess fluid from the surgical field  
 supplied with silicone tubing and adaptor



G-33925

*MAUS***LASIK EYE SPECULUM**

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

**EYE SPECULUM**

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

**G-15920**

large, 16 mm blades

**G-15925**

small, 12 mm blades

*SCHOTT***EYE SPECULUM**

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

**G-15921**

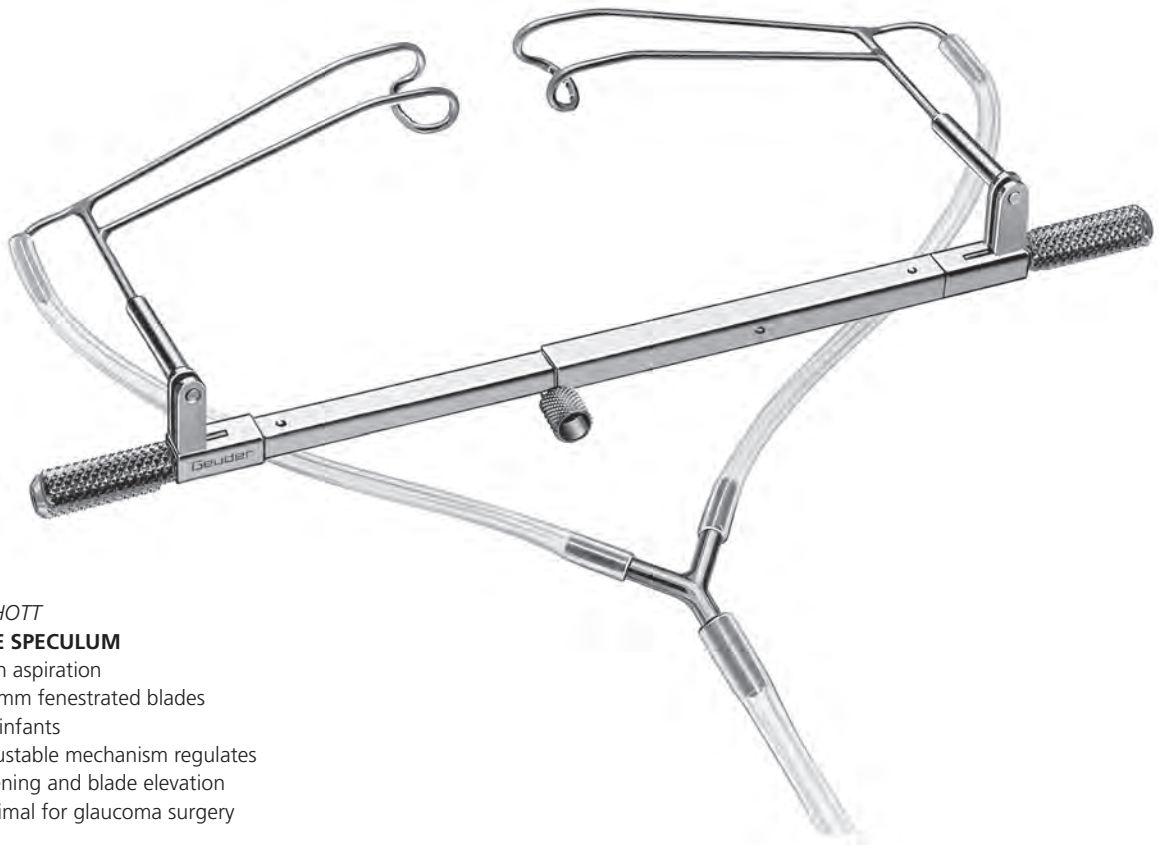
large, 15 mm blades

**G-15926**

small, 11 mm blades

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

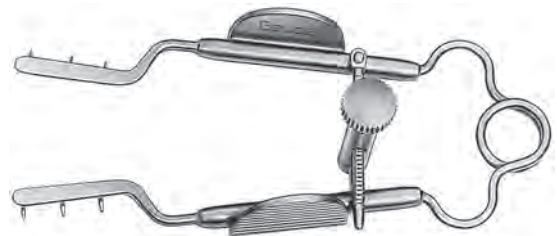
02  
LACRIMAL SAC



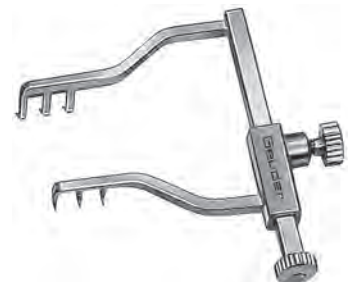
*GUTHRIE*  
**RETRACTOR**  
 double skin hook, sharp  
 overall length 125 mm  
 small  
**G-15350**  
 large  
**G-15355**



**G-17085**  
*AMERICAN MODEL*  
**LACRIMAL SAC RETRACTOR**  
 4 x 4 prongs, blunt  
 cross-action  
 adjustable, self retaining  
 overall length 100 mm



**G-17070**  
*MUELLER*  
**LACRIMAL SAC RETRACTOR**  
 3 x 3 prongs  
 adjustable  
 overall length 70 mm



**G-17080**  
*GOLDSTEIN*  
**LACRIMAL SAC RETRACTOR**  
 3 x 3 prongs  
 adjustable  
 overall length 30 mm

## CALIPERS, MARKERS MEASURING INSTRUMENTS TONOMETER, OCULOPRESSOR



CORNEAL MARKERS.....	<b>41</b>
CORNEAL MARKERS · MUSCLE TUCKER.....	<b>42</b>
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RULERS · TRABECULECTOMY MARKER · STRABISMUS MARKER.....	<b>44</b>
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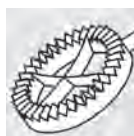


*THOMAS NEUHANN*  
**CORNEAL MARKER**  
with cross hairs  
inside diameter 3.0 mm  
outside diameter 12.0 mm  
overall length 105 mm

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



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



*HOFFER*  
**CORNEAL MARKER**  
for optic zone  
with cross hairs  
overall length 103 mm  
**G-33740** inside diameter 7.0 mm  
**G-33741** inside diameter 7.5 mm  
**G-33742** inside diameter 8.0 mm



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





LINDSTROM

**CORNEAL MARKER**

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



DUNCKER

**SUTURE MARKER**

8-pointed star and cross hairs  
to center the trephine and perform  
double running suture  
overall length 102 mm  
for 7.0 mm transplant  
G-32228  
G-32229



G-32224

THOMAS NEUHANN

**SUTURE MARKER**

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



G-19137

CUEPPERS

**STRABISMUS MUSCLE TUCKER**

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

*CASTROVIEJO*

**CALIPER**

scale on both sides  
with 1 mm increments

**G-19130** 15 mm scale, overall length 78 mm

**G-19135** 20 mm scale, overall length 85 mm

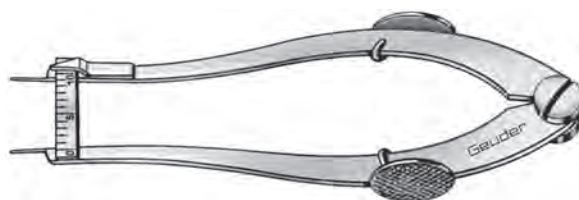


**G-19138**

*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



**G-37410**

*BRAUNSTEIN*

**FIXED CALIPER**

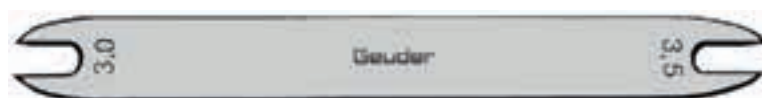
for marking of sclerotomy site posterior  
to the surgical limbus  
overall length 80 mm

**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



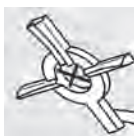
**G-33785**

*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



**03**

LASIK MARKERS · KERATOMETER

G-33760

MENDEZ

**DEGREE GAUGE**

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



G-33762

**DEGREE GAUGE**

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



G-33763

GERTEN

**HORIZONTAL AXIS MARKER**

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



G-33774

SCOTT

**CORNEAL PENDULUM MARKER**

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



**G-33777**

**TOMARK  
ADJUSTABLE CORNEAL MARKER**

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



for use in combination with slit lamp or G-33776

**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

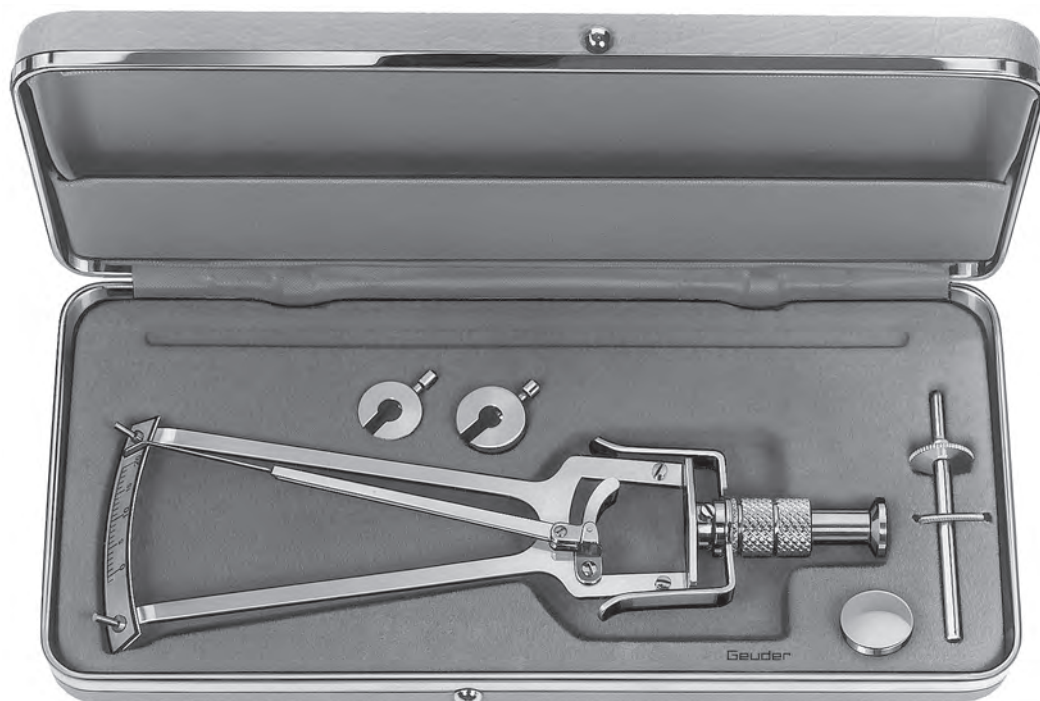
**G-33778**

**RETAINER FOR PENDULUM INSTRUMENT**

for G-33776 TOMARK  
overall length 180 mm

1/2





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

**G-15392**     *HOMBURG MODEL*  
**OCULOPRESSOR**

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





## CURETTES SPOONS







**G-15900** *MEYHOEFER*  
**CHALAZION CURETTE**  
1.0 mm diameter cup  
overall length 129 mm



**G-15870** *MEYHOEFER*  
**CHALAZION CURETTE**  
2.0 mm diameter cup  
overall length 129 mm



**G-15875** *MEYHOEFER*  
**CHALAZION CURETTE**  
2.5 mm diameter cup  
overall length 129 mm



**G-15880** *MEYHOEFER*  
**CHALAZION CURETTE**  
3.0 mm diameter cup  
overall length 129 mm



**G-15885** *MEYHOEFER*  
**CHALAZION CURETTE**  
4.0 mm diameter cup  
overall length 129 mm

04

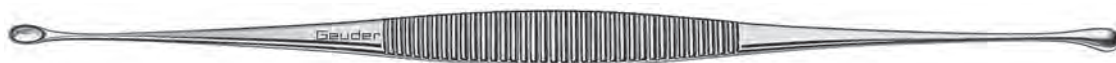
CHALAZION



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



**G-15845** *HEBRA*  
**CHALAZION CURETTE**  
 medium  
 3 mm x 5 mm oval scoop  
 overall length 133 mm



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





## KNIVES DIAMOND KNIVES



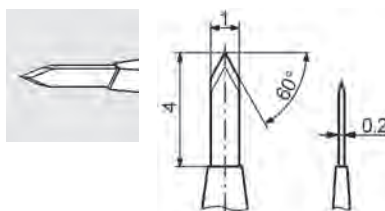
PARACENTESIS · SIDEPORT · UNIVERSAL .....	<b>59</b>
TRIFACET · CLEAR CORNEA .....	<b>60</b>
CRESCENT · STEP TRIFACET · LRI .....	<b>61</b>
MICROMETER · VISCOCANALOSTOMY · RETINAL SURGERY .....	<b>62</b>
KERATOME · CHALAZION · SCLERAL .....	<b>63</b>
CORNEAL SCARIFIER · DMEK SCRAPER .....	<b>64</b>
SATO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





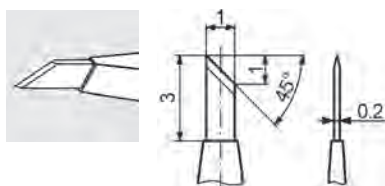
**G-38475 DIACLEAN DIAMOND KNIFE**

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



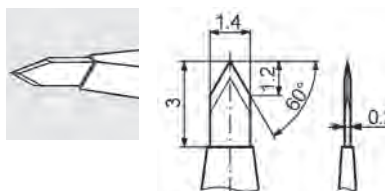
**G-38344 DIACLEAN DIAMOND KNIFE**

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



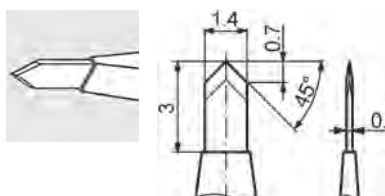
**G-38341 DIACLEAN DIAMOND KNIFE**

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



**G-38343 DIACLEAN DIAMOND KNIFE**

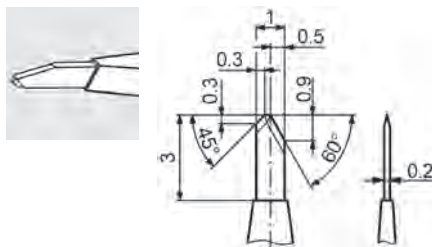
45° spear diamond blade  
titanium handle  
width 1.4 mm  
length 3.0 mm  
thickness 0.2 mm





**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

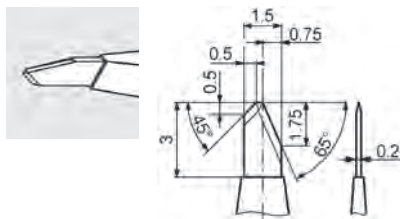


06



**G-38473 PHAM DIACLEAN TRI-FACET DIAMOND KNIFE**

titanium handle  
 width 1.5 mm  
 length 3.0 mm  
 thickness 0.2 mm

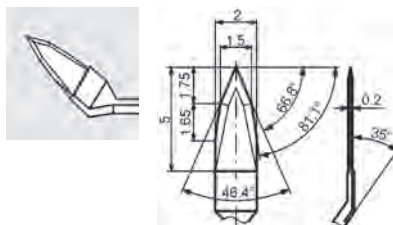


DIAMOND KNIVES: TRI-FACET · CLEAR CORNEA · TRAPEZOID · PHACO



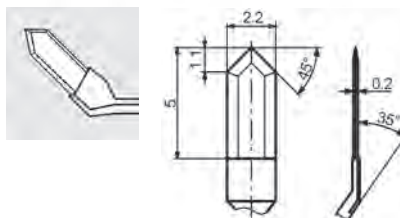
**G-38448 DIACLEAN CLEAR-CORNEA-INCISION DIAMOND KNIFE, 1.5/2.0 mm**

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



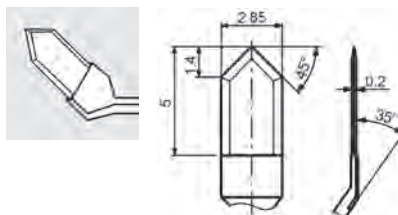
**G-38444 DIACLEAN CLEAR-CORNEA-INCISION DIAMOND KNIFE, 2.2 MM**

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

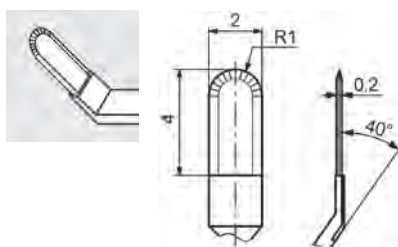




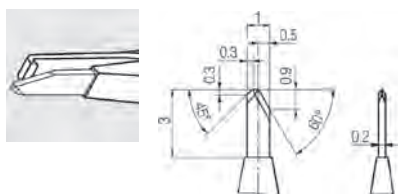
**G-38453**     **DIACLEAN CLEAR-CORNEA-INCISION  
DIAMOND KNIFE, 2.85 MM**  
4 cutting edges, 35° angled  
titanium handle  
width 2.85 mm  
length 5.0 mm  
thickness 0.2 mm



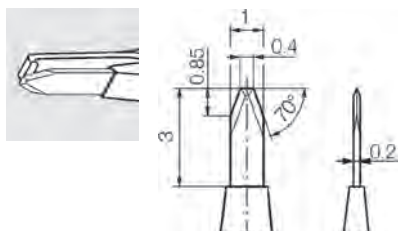
**G-38466**     **DIACLEAN DIAMOND  
CRESCENT KNIFE, 2.0 MM**  
round spatula shape, 40° angled  
titanium handle  
width 2.0 mm  
length 4.0 mm  
thickness 0.2 mm



**G-31470**     **TRI-FACET DIAMOND STEP KNIFE**  
single footplate, titanium handle  
stepwise adjustable  
in sterilizing case  
width 1.0 mm  
length 3.0 mm  
thickness 0.2 mm



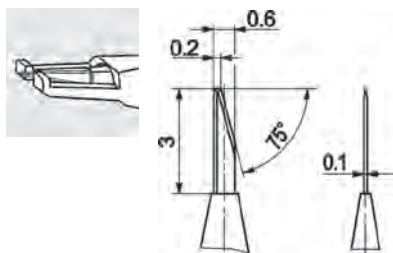
**G-31468**     **LIMBAL RELAXING INCISION  
DIAMOND KNIFE**  
LRI knife with 0.6 mm precalibrated depth  
single footplate, titanium handle  
width 1.0 mm  
length 3.0 mm  
thickness 0.2 mm



G-31480

**DIAMOND MICROMETER KNIFE**

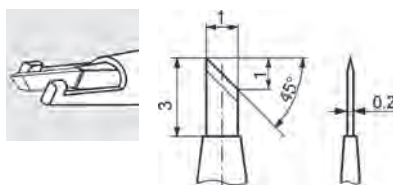
tri-facet for keratotomy  
vertical and 15° cutting edges with  
0.2 mm flat base cutting edge  
double footplate, titanium handle  
width 0.6 mm  
length 3.0 mm  
thickness 0.1 mm



G-19345

**DIAMOND MICROMETER KNIFE**

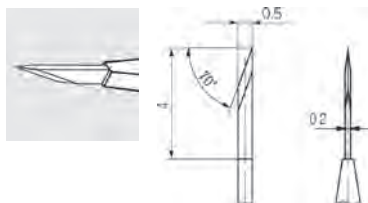
for keratotomy  
single 45° cutting edge  
double footplate, titanium handle  
width 1.0 mm  
length 3.0 mm  
thickness 0.2 mm



G-31487

**DIAMOND KNIFE**

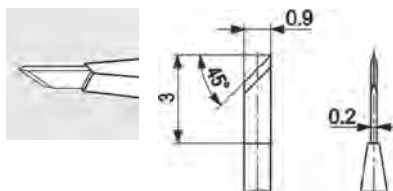
for viscocanalostomy  
0.5 mm wide, 70° diamond blade  
width 0.5 mm  
length 4.0 mm  
thickness 0.2 mm



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



**06**

SATO



G-12200

**CRVO KNIFE**

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

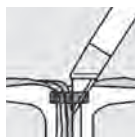


G-12220

*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



06

CRVO

## TREPHINES





*BEST*  
**TREPHINE**  
overall length 58 mm



<b>G-31815</b>	1.0 mm	<b>G-31835</b>	1.5 mm	<b>G-31855</b>	1.9 mm
<b>G-31820</b>	1.2 mm	<b>G-31840</b>	1.6 mm	<b>G-31860</b>	2.0 mm
<b>G-31825</b>	1.3 mm	<b>G-31845</b>	1.7 mm	<b>G-31865</b>	2.5 mm
<b>G-31830</b>	1.4 mm	<b>G-31850</b>	1.8 mm		

*SCHMIDT-MUMM*  
**DUCT TREPHINE**  
overall length 38 mm



<b>G-20610</b>	1.0 mm	<b>G-20613</b>	1.3 mm	<b>G-20616</b>	1.6 mm
<b>G-20611</b>	1.1 mm	<b>G-20614</b>	1.4 mm	<b>G-20617</b>	1.7 mm
<b>G-20612</b>	1.2 mm	<b>G-20615</b>	1.5 mm	<b>G-20618</b>	1.8 mm

*HAMBURG MODEL*  
**KERATOPLASTY TREPHINE**  
overall length 40 mm



<b>G-20050</b>	5.0 mm	<b>G-20060</b>	6.0 mm	<b>G-20080</b>	8.0 mm
<b>G-20054</b>	5.4 mm	<b>G-20065</b>	6.5 mm	<b>G-20090</b>	9.0 mm
<b>G-20055</b>	5.5 mm	<b>G-20070</b>	7.0 mm	<b>G-20100</b>	10.0 mm

*BEST*  
**KERATOPLASTY TREPHINE**  
overall length 75 mm



<b>G-20450</b>	5.0 mm	<b>G-20470</b>	7.0 mm
<b>G-20455</b>	5.5 mm	<b>G-20480</b>	8.0 mm
<b>G-20460</b>	6.0 mm	<b>G-20490</b>	9.0 mm
<b>G-20465</b>	6.5 mm	<b>G-20500</b>	10.0 mm

*FRANCESCHETTI*  
**KERATOPLASTY TREPHINE**  
overall length 75 mm



<b>G-17250</b>	5.0 mm	<b>G-17270</b>	7.0 mm	<b>G-17290</b>	9.0 mm
<b>G-17251</b>	5.1 mm	<b>G-17271</b>	7.1 mm	<b>G-17291</b>	9.1 mm
<b>G-17260</b>	6.0 mm	<b>G-17280</b>	8.0 mm	<b>G-17300</b>	10.0 mm
<b>G-17261</b>	6.1 mm	<b>G-17281</b>	8.1 mm		

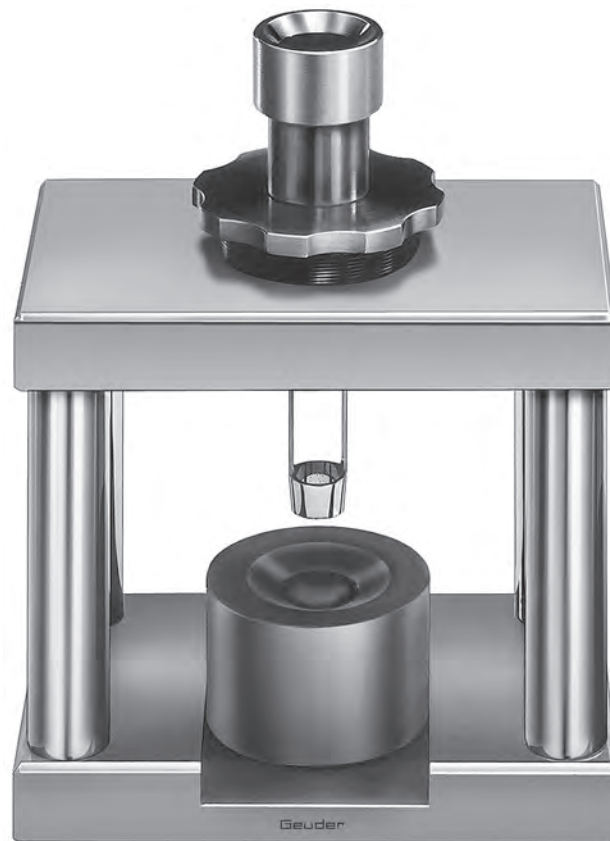
MANY TREPHINES ALSO AVAILABLE IN MINUS, INTERMEDIATE AND PLUS SIZES

**G-31870**

*THOMAS NEUHANN*

**CORNEAL PUNCH**

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



07

TREPHINES · PUNCH

**KERATOPLASTY TREPHINE**

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



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

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



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



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



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



**07**

SILICONE BLOCKS

**G-21175**     **METAL STAND**  
with removable silicone insert G-21176  
for aspiration of donor cornea



**G-21176**     **SILICONE INSERT**  
for metal stand G-21175



07

SILICONE BLOCKS



## GLAUCOMA PUNCHES RONGEURS



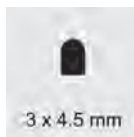


**G-18210**

*CITELLI*

**BONE NIBBLING RONGEUR**

3 mm x 4.5 mm bite  
overall length 150 mm



2/5

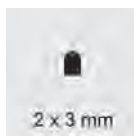


**G-18220**

*BEYER*

**BONE NIBBLING RONGEUR**

2 mm x 3 mm bite  
overall length 140 mm



2/5

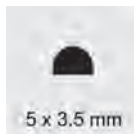


**G-18225**

*KERRISON*

**BONE NIBBLING RONGEUR**

5 mm x 3.5 mm bite  
overall length 160 mm

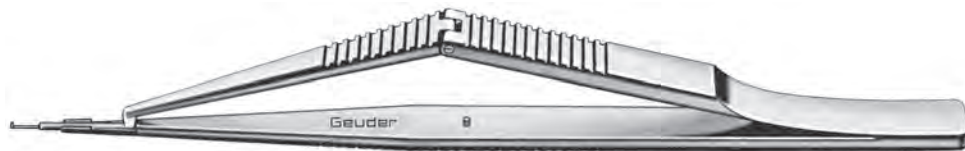


2/5

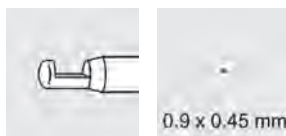


**08**

RONGEURS



**G-18238** *KELLY*  
**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

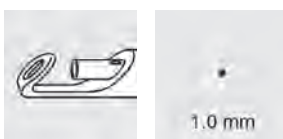




**G-18237** *GASS*  
**CORNEOSCLERAL PUNCH**  
for Glaucoma  
with 360° rotatable cutting head  
1.5 mm x 0.6 mm bite  
overall length 85 mm



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







CORNEAL .....	81
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*TROUTMAN*

**CORNEAL SCISSORS**

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

**G-19710**  
**G-19715**



*CASTROVIEJO*

**CORNEAL SCISSORS**

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

**G-19690**  
**G-19695**



*KATZIN*

**KERATOPLASTY SCISSORS**

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

**G-19720**  
**G-19725**



**G-19718**

*SAUTTER*

**CORNEAL SCISSORS**

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



**G-19780**

*CASTROVIEJO*

**CORNEAL SCISSORS**

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



**G-19790**

*CASTROVIEJO*

**CORNEAL SCISSORS**

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



**CORNEAL SCISSORS**

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

**G-19600**  
**G-19605**



**CORNEAL SCISSORS**

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

**G-19607**  
**G-19615**



**G-19727**

*MACKENSEN*  
**KERATOPLASTY SCISSORS**  
strong curve, blunt tips  
overall length 85 mm



**G-19585**

**CORNEAL SECTION SCISSORS**  
angled up, 8 mm blades  
blunt tips  
overall length 100 mm



**G-19570**

**MICRO STITCH SCISSORS**  
straight, 8 mm blades  
sharp tips  
overall length 105 mm



**G-19580**

*FINE*  
**STITCH SCISSORS**  
straight, 14 mm blades  
sharp tips  
overall length 110 mm



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



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



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



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



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



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



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



**G-32023 CAPSULOTOMY SCISSORS**

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



**G-19620 TUEBINGEN MODEL CAPSULOTOMY SCISSORS**

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



**G-19630 TUEBINGEN MODEL CAPSULOTOMY SCISSORS**

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



**G-19760 VANNAS CAPSULOTOMY SCISSORS**

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



**G-19765 VANNAS CAPSULOTOMY SCISSORS**

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



**G-19770 VANNAS CAPSULOTOMY SCISSORS**

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



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



09

CAPSULOTOMY · ROTATABLE · INTERCHANGEABLE



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



*OSHER*  
**CAPSULE SCISSORS**  
 45° angled  
 G-38232



*OSHER*  
**CAPSULE SCISSORS**  
 horizontal, 45° angled  
 G-38236



*OSHER*  
**CAPSULE SCISSORS**  
 horizontal, 90° angled  
 G-38238

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



09

CAPSULE (INTERCHANGEABLE AND ROTATABLE) · IRIS

G-32948

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



G-19540  
 G-19545  
 G-19550

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



G-19640  
 G-19655

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



*WECKER*  
**IRIS SCISSORS**  
7 mm blades  
overall length 110 mm  
sharp tips  
blunt tips

**G-19660**  
**G-19675**



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



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



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





*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



- G-32998 short model, 3.5 mm blades
- G-32996 long model, 4.5 mm blades



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**

110 mm

30 mm

**G-19365**

120 mm

36 mm



**EYE SCISSORS**

curved, sharp tips  
overall length: tip to pivot:

**G-19370**

90 mm

25 mm

**G-19375**

100 mm

28 mm

**G-19380**

110 mm

29 mm

**G-19385**

120 mm

34 mm



**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  
**G-36508** 8 mm handle



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



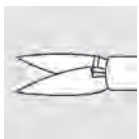
*KROLL*  
angled, with membrane peeler  
**G-36516** 6 mm handle  
**G-36518** 8 mm handle



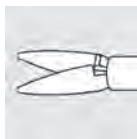
angled, blunt tips  
for MIS  
**G-36522** 6 mm handle  
**G-36524** 8 mm handle



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



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



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



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



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



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



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

23 GAUGE

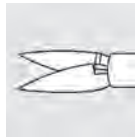
VITREORETINAL SCISSORS

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



curved

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



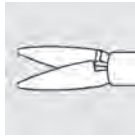
HEIMANN  
straight

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



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

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



HEIMANN  
straight, blunt tips

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

25 GAUGE

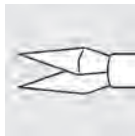
VITREORETINAL SCISSORS

25 gauge / 0.5 mm  
titanium handle  
gold-colored



curved

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



HEIMANN  
straight

**G-36586** 6 mm handle  
**G-36588** 8 mm handle



**ERGOLINE**

**ERGOLINE SCISSORS**

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

**ERGOLINE HANDPIECE**

for Ergoline scissors  
gold-colored  
overall length 105 mm

**G-36900** 6 mm titanium handpiece

**G-36901** 8 mm titanium handpiece



**ERGOLINE SCISSORS**

45° angled  
horizontal  
20 gauge / 0.9 mm

**G-36902**



*KROLL*

**ERGOLINE SCISSORS**

angled, with membrane peeler  
20 gauge / 0.9 mm

**G-36915**

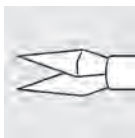


*HEIMANN*

**ERGOLINE SCISSORS**

angled  
20 gauge / 0.9 mm

**G-36925**



*HEIMANN*

**ERGOLINE SCISSORS**

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



*NAITO*

**ERGOLINE SCISSORS**

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



**CLEANING ADAPTER**

for rotatable and  
interchangeable tips

**G-36604**

SINGLE-USE  
INTERCHANGEABLE SCISSORS  
AVAILABLE ON P. 218







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



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



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



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



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



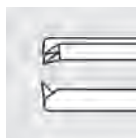
**G-31620**     *BARRAQUER*  
**CILIA AND SUTURE FORCEPS**  
grooved tips, 7.0 mm platform  
curved and pointed  
finger grip handle  
overall length 112 mm



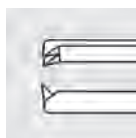
**G-32740**     *HAMBURG MODEL*  
**CILIA AND FOREIGN BODY FORCEPS**  
tapered fine tips  
overall length 90 mm



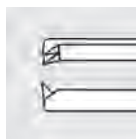
**G-31230** *KREFELD MODEL*  
**CONJUNCTIVA FORCEPS**  
 standard  
 1 x 2 teeth  
 overall length 100 mm



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



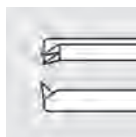
**G-18847** *KAUFMANN*  
**CONJUNCTIVA FORCEPS**  
 standard  
 1 x 2 teeth  
 5 mm tying platform  
 overall length 75mm



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



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





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



- 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



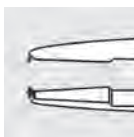
*CASTROVIEJO*  
**SUTURING FORCEPS**  
new model  
1 x 2 teeth  
6 mm tying platform  
overall length 109 mm



- G-19022** 0.25 mm, teeth 0.12 mm
- G-19023** 0.3 mm
- G-19024** 0.6 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

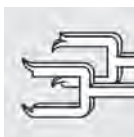


**G-38623**

*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*

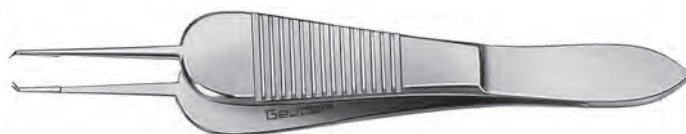
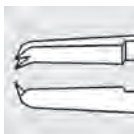
**UNIVERSAL SUTURING FORCEPS**

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

standard

**G-18945**

delicate



**G-19045**

*PAUFIQUE*

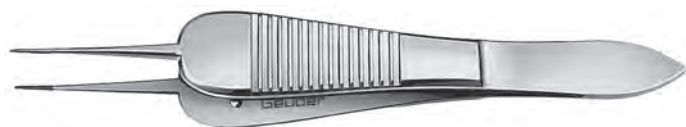
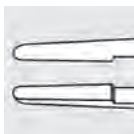
**TYING FORCEPS**

with platform  
overall length 88 mm

standard, 6 mm platform

**G-19046**

delicate, 5 mm platform



G-19030

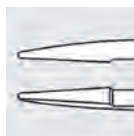
TUEBINGEN MODEL

**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



G-19035

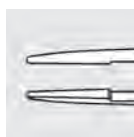
TUEBINGEN MODEL

**TYING FORCEPS**

delicate, smooth jaws

4 mm tying platform

overall length 84mm



G-19034

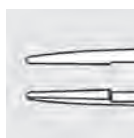
BONN MODEL

**TYING FORCEPS**

extra delicate, smooth jaws

3 mm tying platform

overall length 73 mm



10

TYING

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



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



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



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



**G-32947**

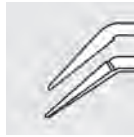
*HATTENBACH*  
**HYBRID TYING FORCEPS**  
 angled, for the anterior chamber  
 intraocular 1.5 mm micro tying tips  
 25 gauge / 0.5 mm  
 overall length 98 mm

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



10

TYING · IRIS SUTURE · FRAGMENT

**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



*GRAEFE*  
**FIXATION FORCEPS**  
4.5 mm wide  
8 interlocking teeth  
overall length 110 mm  
**G-19050**      without lock  
**G-19055**      with lock



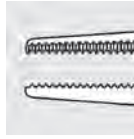
**G-19060**      *HEIDELBERG MODEL*  
**FIXATION FORCEPS**  
3.5 mm wide  
6 interlocking teeth  
overall length 110 mm



**DRESSING FORCEPS**

serrated jaws  
overall length 100 mm

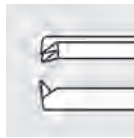
- G-18780 0.5 mm
- G-18781 0.7 mm
- G-18782 1.0 mm
- G-18783 1.2 mm
- G-18784 1.4 mm



**TISSUE FORCEPS**

1 x 2 teeth  
overall length 100 mm

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



**IRIS FORCEPS**

serrated, delicate  
overall length 73 mm  
straight  
curved

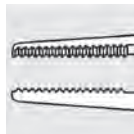
- G-18855
- G-18856



*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

- G-18900
- G-18905
- G-18910



*BONN MODEL*

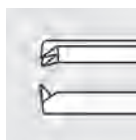
**IRIS FORCEPS**

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

**G-18845**

**G-18890**

extra delicate  
delicate, with 4.5 mm tying platform



**G-18840**

*SWISS MODEL*

**IRIS FORCEPS**

curved, 1 x 2 teeth  
overall length 100 mm



**G-18860**

*HEIDELBERG MODEL*

**IRIS FORCEPS**

light curve, 1 x 2 teeth  
overall length 72 mm



**G-18870**

*HEIDELBERG MODEL*

**IRIS FORCEPS**

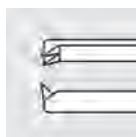
strong curve, 1 x 2 teeth  
overall length 70 mm



**G-18857**

**IRIS FORCEPS**

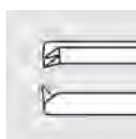
straight, delicate  
1 x 2 teeth  
overall length 72 mm



**G-31953**

**IRIS FORCEPS**

straight, strong  
1 x 2 teeth  
overall length 72 mm



G-18846

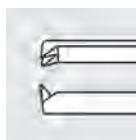
*HAMBURG MODEL*

**IRIS FORCEPS**

straight, delicate

1 x 2 teeth

overall length 103 mm



G-32240

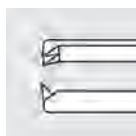
*SWISS MODEL*

**IRIS FORCEPS**

straight, extra delicate

1 x 2 teeth

overall length 70 mm



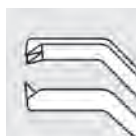
G-18880

*HESS-ENGELKING*

**IRIS FORCEPS**

1 x 2 teeth

overall length 72 mm



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**

**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**

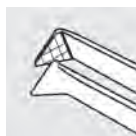
extra delicate with  
interlocking micro serrated tips  
13 mm curved shafts  
1 mm marks from tip to bent  
overall length 98 mm



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-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

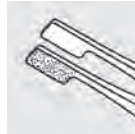


**G-33961** **LENTICULE FORCEPS**  
7.5 mm shafts  
with fine grooves  
angled to side  
to retrieve lenticule during SMILE procedures  
overall length 99 mm





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



**G-18918** *DICK*  
**FIXATION AND HOLDING FORCEPS**  
 for Artisan/Verisyse IOL  
 with guide mark for lens maximum hold  
 and stability  
 18 gauge / 1.2 mm curved shaft  
 overall length 143



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



10

IOL IMPLANTATION · SILICONE COATED

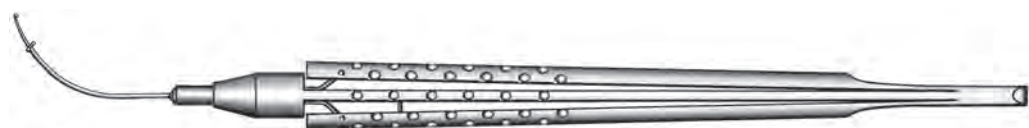


**G-18944**

*T. NEUHANN*

**IMPLANTATION FORCEPS**

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



**G-18928**

*SEKUNDO*

**IMPLANTATION FORCEPS**

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



**G-31902**

**FOLDER**

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



**G-31903**

*SPALECK*

**FOLDER**

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



G-31908

**FOLDER**

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



G-31994

*H.-R. KOCH*  
**PREFOLDER**

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



G-31905

*H.-R. KOCH*  
**FOLDER**

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



G-31901

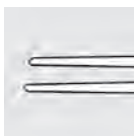
**HOLDING FORCEPS**

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



**G-18941**

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



**G-32823**

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



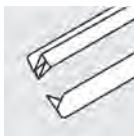
**G-32997**

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



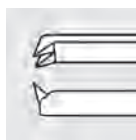
**G-18820**

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



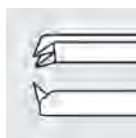
G-18800

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



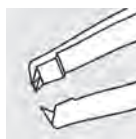
G-18795

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



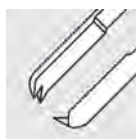
G-19105

*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



*SATTLER*

**MUSCLE FORCEPS**

with slide lock  
overall length 100 mm

**G-19120**

3 teeth, bulbous tip, right

**G-19125**

3 teeth, bulbous tip, left



**G-32350**

*TROELTSCH*

**NASAL FORCEPS**

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



**G-19107**

*ESSEN MODEL*

**CERCLAGE FORCEPS**

strongly curved  
3 mm platform with dual grooves  
overall length 104 mm



**G-33752**

*WATZKE*

**SPREADING FORCEPS**

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



**G-33434**

*PFENNIGWERTH*

**HOLDING FORCEPS**

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



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



10

RETINAL (SCLERAL PLUG, RETINAL TACK)



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



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



**G-33435 SCLERAL PLUG**  
20 gauge / 0.9 mm



**G-33441 SCLERAL PLUG**  
23 gauge / 0.6 mm

G-33438

**FORCEPS**

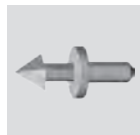
for HEIMANN retinal tacks  
overall length 100 mm



G-33437T

**HEIMANN RETINAL TACK**

titanium  
- for single use only -





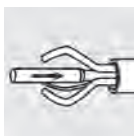
**G-37420** *BARTZ-SCHMIDT*  
**TROCAR CLOSURE FORCEPS**  
with function for bulbus fixation  
overall length 72 mm



**G-37430** **TROCAR FORCEPS**  
for trocar systems with groove  
overall length 110 mm



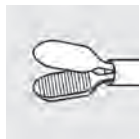
**G-33831** *REIMANN*  
**VITREORETINAL FORCEPS**  
for foreign body removal  
with retractable magnet and 3-prongs  
14 gauge / 2.1 mm straight shaft  
shaft length 35 mm  
overall length 138 mm



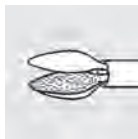
20 GAUGE

VITREORETINAL FORCEPS

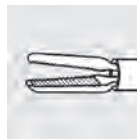
20 gauge / 0.9 mm  
 6 mm and 8 mm diameter handles  
 titanium, blue-colored  
 overall length 155 mm



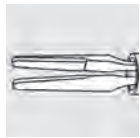
straight  
 serrated tips  
**G-36202** 6 mm handle



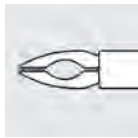
straight  
 textured tips  
**G-36206** 6 mm handle  
**G-36208** 8 mm handle



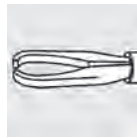
straight  
 serrated "crocodile" tips  
**G-36256** 6 mm handle  
**G-36258** 8 mm handle



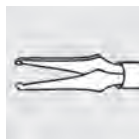
straight  
 silicone coated  
**G-36212** 6 mm handle  
**G-36214** 8 mm handle



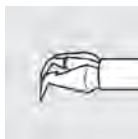
TANO  
 straight, serrated tips  
**G-36356** 6 mm handle  
**G-36358** 8 mm handle



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



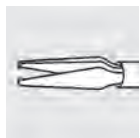
straight  
 grip tips  
**G-36216** 6 mm handle  
**G-36218** 8 mm handle



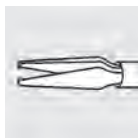
90° angle  
 pointed tips  
**G-36276** 6 mm handle  
**G-36278** 8 mm handle



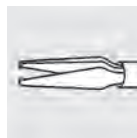
NAITO  
 ILM  
**G-36316** 6 mm handle  
**G-36318** 8 mm handle



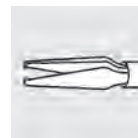
straight  
 endgripping, extra delicate  
 0.2 mm x 0.05 mm  
**G-36292** 6 mm handle  
**G-36294** 8 mm handle



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



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



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



10  
 VITREORETINAL 20 GAUGE

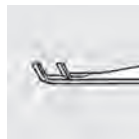
**20 GAUGE**

**VITREORETINAL FORCEPS**

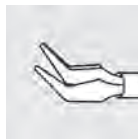
20 gauge / 0.9 mm  
6 mm and 8 mm diameter handles  
titanium, blue-colored  
overall length 155 mm



90° angle  
membrane peeler  
**G-36226** 6 mm handle



45° angle  
membrane peeler  
**G-36232** 6 mm handle



45° angle  
**G-36222** 6 mm handle



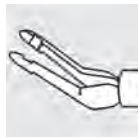
membrane peeler tips  
**G-36252** 6 mm handle  
**G-36254** 8 mm handle



curved  
membrane dissector  
**G-36266** 6 mm handle



45° angle  
membrane dissector  
**G-36272** 6 mm handle



45° angle  
horizontal subretinal  
**G-36236** 6 mm handle



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



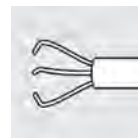
angled, extra delicate  
3.0 mm tips  
**G-36336** 6 mm handle



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



straight  
circular tips  
**G-36242** 6 mm handle

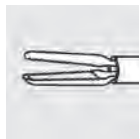


foreign body forceps  
**G-36262** 6 mm handle  
**G-36264** 8 mm handle

23 GAUGE

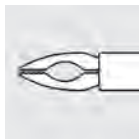
VITREORETINAL FORCEPS

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



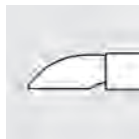
straight  
 serrated "crocodile" tips

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



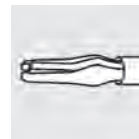
TANO  
 straight, serrated tips

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



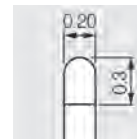
straight  
 endgripping, extra delicate  
 0.2 mm x 0.05 mm

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



straight  
 grip tips

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



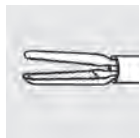
10

VITREORETINAL 23 & 25 GAUGE

25 GAUGE

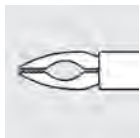
VITREORETINAL FORCEPS

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



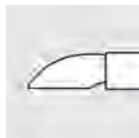
straight  
 serrated "crocodile" tips

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



TANO  
 straight, serrated tips

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



straight  
 endgripping, extra delicate  
 0.2 mm x 0.05 mm

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



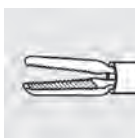
**ERGOLINE**

**ERGOLINE FORCEPS**

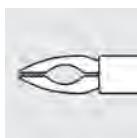
360° rotatable and interchangeable tips  
overall length 55 mm  
for Ergoline handpieces 6 mm and 8 mm diameters

**ERGOLINE HANDPIECE**

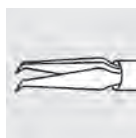
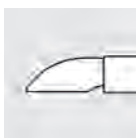
for Ergoline forceps  
blue-colored  
**G-36600** 6 mm titanium handpiece  
**G-36601** 8 mm titanium handpiece



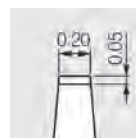
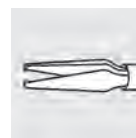
**ERGOLINE FORCEPS**  
straight  
serrated "crocodile" tips  
**G-36655** 20 gauge / 0.9 mm  
**G-36740** 23 gauge / 0.6 mm  
**G-36720** 25 gauge / 0.5 mm



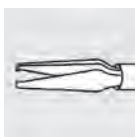
*TANO*  
**ERGOLINE FORCEPS**  
straight, serrated tips  
**G-36755** 20 gauge / 0.9 mm  
**G-36765** 23 gauge / 0.6 mm



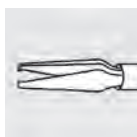
*NAITO*  
**ERGOLINE FORCEPS ILM**  
**G-36715** 20 gauge / 0.9 mm



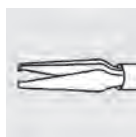
**ERGOLINE FORCEPS**  
endgripping  
extra delicate 0.2 mm x 0.05 mm  
**G-36690** 20 gauge / 0.9 mm  
**G-36680** 23 gauge / 0.6 mm  
**G-36710** 25 gauge / 0.5 mm



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



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



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

SINGLE-USE  
INTERCHANGEABLE FORCEPS  
AVAILABLE ON P. 219



10  
VITREORETINAL · INTERCHANGEABLE · ROTATABLE

**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



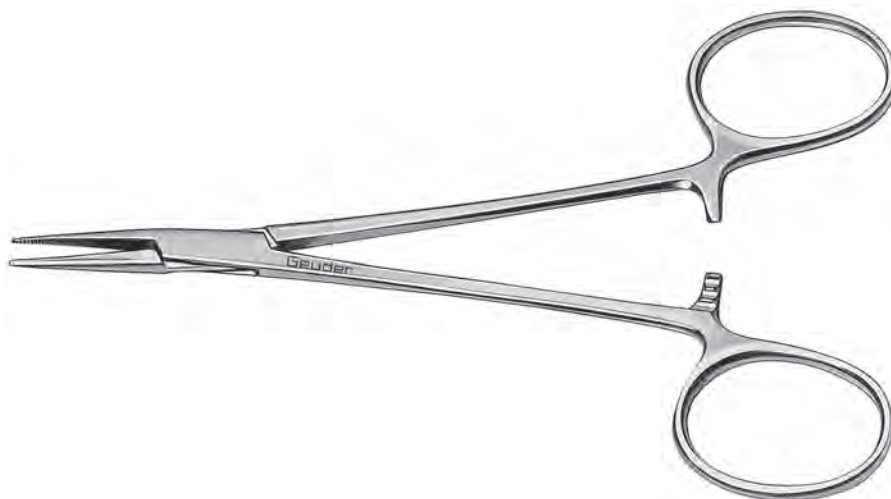
10

CHALAZION · PTOSIS

*HARTMANN*  
**MOSQUITO FORCEPS**  
serrated  
18 mm jaws  
overall length 100 mm  
straight  
G-18170  
G-18171 curved



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



*HALSTEAD*  
**MOSQUITO FORCEPS**  
1 x 2 teeth  
serrated  
25 mm jaws  
overall length 125 mm  
straight  
G-18185  
G-18182 curved





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



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



MANIPULATORS  
 CHOPPERS, FIXATION RINGS  
 HOOKS, SPATULAS  
 LENS LOOPS



FIXATION RINGS .....	149
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**G-37440**

*HATTENBACH*

**GLOBE FIXATION RING**

for transconjunctival PPV  
12 mm inside diameter



**G-33755**

*THORNTON*

**FIXATION RING**

16 mm inside diameter  
12 atraumatic teeth



**G-31490**

*FINE-THORNTON*

**FIXATION RING**

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



**G-31491**

*FINE-THORNTON*

**FIXATION RING**

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





**G-33757** *FINE-THORNTON*  
**FIXATION RING**  
for clear cornea and refractive procedures  
swivel handle  
16 mm inside diameter, 10 mm opening  
12 atraumatic teeth



**G-33758** *FINE-THORNTON*  
**FIXATION RING**  
for clear cornea and refractive procedures  
swivel handle  
13 mm inside diameter, 10 mm opening  
9 atraumatic teeth



**G-33759** *FINE-THORNTON*  
**FIXATION RING**  
for clear cornea and refractive procedures  
swivel handle  
13 mm inside diameter, 10 mm opening  
9 atraumatic teeth

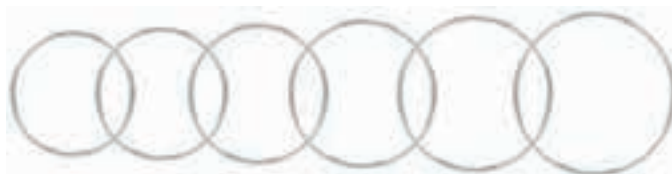


**G-37425** **FIXATION, HOLDING AND MEASURING INSTRUMENT**  
for trocar system, radius 3.5 mm



*FLIERINGA*  
**SCLERAL FIXATION RING**

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



**G-32505**

*THOMAS NEUHANN*  
**NUCLEUS DIVIDING HOOK**  
for vertical chopping techniques  
0.5 mm wide fine tip  
overall length 108 mm



**G-31500**

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

**G-31501**

for use in left hand

**G-31502**

for use in right hand



universal  
G-31500



left hand  
G-31501



right hand  
G-31502

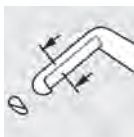
**G-31504**

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



**G-31503**

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



G-32500

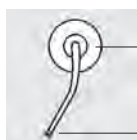
TOBIAS NEUHANN

**CHOPPER**

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



side view



front view

handle

tip

G-32282

AGARWAL

**KARATE PHACO CHOPPER**

0.9 mm long tip  
0.6 mm inner edge  
overall length 104 mm



NUCLEUS CHOPPERS

12

G-31505

G-31506

HAEFLIGER

**NUCLEUS DIVIDING HOOK**

to crack, chop and manipulate lenses  
1.0 mm triangular tip  
0.7 mm inner sharp hook  
overall length 104 mm

for use in right hand

for use in left hand



G-31507

NAGAHARA

**NUCLEUS DIVIDING HOOK**

for horizontal chopping techniques  
1.5 mm long tip  
0.9 mm inner edge  
overall length 98 mm





**G-32501**

THOMAS NEUHANN  
**NUCLEUS ROTATOR** and  
TOBIAS NEUHANN  
**CHOPPER**

combination of  
horizontal Y-shaped nucleus rotator and  
paddle shaped nucleus divider  
overall length 119 mm



like G-32160



like G-32500

**G-32168**

THOMAS NEUHANN  
**SPATULA** and  
NAGAHARA  
**NUCLEUS DIVIDING HOOK**

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



like G-16189



like G-31507

**G-32161**

THOMAS NEUHANN  
**NUCLEUS ROTATOR AND DIVIDING HOOK**

combination of  
horizontal Y-shaped nucleus rotator and  
vertical phaco chopper  
overall length 117 mm



like G-32160



like G-32505

**G-32164**

THOMAS NEUHANN  
**SPATULA AND NUCLEUS DIVIDING HOOK**

combination of  
0.5 mm wide phaco spatula and  
vertical phaco chopper  
overall length 125 mm



like G-16189



like G-32505

G-32162

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



like G-16175



like G-32505

G-32169

*T. KOHNEN*  
**IRIS HOOK AND NUCLEUS DIVIDING HOOK**  
combination of push-pull iris hook and  
*NAGAHARA* horizontal chopper  
overall length 114 mm



like G-16175



like G-31507

G-16181

G-16182

*LIEBERMANN*  
**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



G-32556

*MAINZ MODEL*

**MANIPULATOR**

vaulted  
0.15 mm diameter tip  
overall length 109 mm



*JACOBI*  
**LENS MANIPULATOR**  
vaulted  
overall length 99 mm  
for 0.3 mm IOL hole  
**G-16160**  
**G-16161**



*SINSKEY*  
**LENS MANIPULATION HOOK**  
for 0.2 mm IOL hole  
10 mm angled shaft  
overall length 103 mm  
flat handle  
**G-16166**  
**G-16167**



**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



IOL MANIPULATORS · POSITION HOOKS

12

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

*TANDOGAN*  
**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 118mm



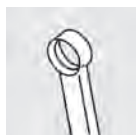
G-31378

*ANIS*  
**BALL CAPSULE POLISHER**  
1.5 mm diameter hemisphere tip  
textured  
overall length 113 mm



G-32563

*RENTSCH*  
**CAPSULE POLISHING CURETTE**  
angled 135°  
1.5 mm diameter tip  
anterior and posterior semi-sharp edges  
overall length 108 mm



G-32564

*RENTSCH*  
**CAPSULE POLISHING CURETTE**  
angled 90°  
1.5 mm diameter tip  
anterior and posterior semi-sharp edges  
overall length 110 mm





G-15620

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



G-15630

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



G-15640

*WEBER*  
**LENS LOOP**  
small  
4 mm wide  
overall length 130 mm



G-15645

*WEBER*  
**LENS LOOP**  
large  
5 mm wide  
overall length 135 mm



G-15635

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





*BANGERTER*  
**SPATULA**  
lightly curved  
overall length 139 mm

**G-15720**

6 mm wide

**G-15725**

10 mm wide

**G-15730**

12 mm wide



**G-15731**

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



*SAUTTER*  
**ORBITAL SPATULA**  
overall length 142 mm  
**G-15740** 22 x 13 mm curved plate  
**G-15745** 22 x 16 mm curved plate  
**G-15750** 22 x 19 mm curved plate

**G-15740**

22 x 13 mm curved plate

**G-15745**

22 x 16 mm curved plate

**G-15750**

22 x 19 mm curved plate



**G-32445**

*HAMBURG MODEL*  
**ORBITAL SPATULA**  
18 x 12 mm curved plate  
overall length 145 mm

18 x 12 mm curved plate

overall length 145 mm



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



**G-15758**     **KERATOPLASTY  
SPATULA**  
perforated



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



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



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



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



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



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

G-15400

*WECKER*  
**IRIS SPATULA**

slim  
1.5 mm wide, lightly curved  
overall length 129 mm



G-15405

*WECKER*  
**IRIS SPATULA**

wide  
2.5 mm wide, lightly curved  
overall length 132 mm



G-31990

*WECKER*  
**IRIS SPATULA**

conical  
0.9 mm wide, lightly curved  
overall length 134 mm



G-15390

*FRANKFURT MODEL*  
**IRIS SPATULA**

0.9 mm wide, curved  
overall length 125 mm



G-15391

*FRANKFURT MODEL*  
**IRIS SPATULA**

extra delicate  
0.25 mm wide, curved  
overall length 125 mm



G-32729

**IRIS SPATULA**

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



G-31975

*BANGERTER*  
**IRIS SPATULA**

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

G-31980

1.0 mm wide

G-31985

1.5 mm wide

G-31985

2.0 mm wide



G-15360

*BANGERTER*  
**IRIS SPATULA**

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

G-15365

1.0 mm wide

G-15370

1.5 mm wide

G-15370

2.0 mm wide



G-15755

*ESSEN MODEL*  
**SPATULA**

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



IRIS SPATULAS

12



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



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



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



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



G-33935

*RAU*

**LASEK SPATULA**

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



G-38607

**DESCEMET INCISION HOOK**

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



G-38608

**DESCEMET SCRAPER**

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



G-38622

*SZURMAN*

**DMEK PREPARATION SPATULA**

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



G-38604

*THOMAS NEUHANN*

**ENDOTHELIAL INSERTION SPATULA**

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





G-33966

*DICK*

**FEMTOCATARACT SPATULA**

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



G-33967

*BREYER*

**FEMTOCATARACT SPATULA**

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



G-33968

*HOFFMANN*

**FEMTOCATARACT NUCLEUS ROTATOR  
AND CHOPPER**

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



G-33950

*CHANSUE*

**FEMTO DOUBLE INSTRUMENT**

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



G-33952

CHANSUE

**FEMTO DOUBLE INSTRUMENT**

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



G-33954

GUELL

**FEMTO DOUBLE INSTRUMENT**

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



G-33940

BLUM

**FEMTO-LASIK ROUND SPOON**

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



G-33942

BREYER

**FEMTO-LASIK DOUBLE-ENDED INSTRUMENT**

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



**G-33427**

*PFAEFFL*

**FEMTO FLAP LIFTER**

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



**G-33943**

*PFAEFFL*

**FEMTO FLAP LIFTER**

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



**G-33958**

*PFAEFFL-BREYER*

**FEMTO FLAP LIFTER**

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



**G-33959**

*BREYER*

**FEMTO-LASIK HOOK INSTRUMENT**

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



G-33944

KOHNEN

**FEMTO-LASIK DOUBLE-ENDED INSTRUMENT**

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



G-37450

BONN MODEL

**SUTURE TOOL**

for scleral sutures

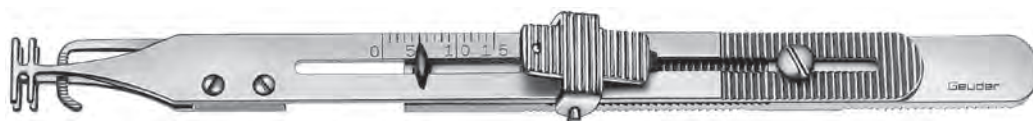


G-19137

CUEPPERS

**STRABISMUS MUSCLE TUCKER**

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



G-32726

MUENSTER MODEL

**SUTURE HOOK**

hook 5 mm  
overall length 149 mm





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



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



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



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



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



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



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



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



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



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

**G-37435**

*HATTENBACH*

**HORSESHOE-HOOK**

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

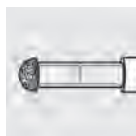


**G-37551**

*BARTZ-SCHMIDT*

**ILM-SCRAPER**

20 gauge / 0.9 mm  
diamond dusted tip



**MEMBRANE SPATULAS**



angled at 1.5 mm

**G-37530** 20 gauge / 0.9 mm



angled at 2 mm and 4 mm

**G-37535** 20 gauge / 0.9 mm



subretinal pick, angled at 4 mm

**G-37545** 20 gauge / 0.9 mm



*LUCKE*  
curved

**G-37515** 20 gauge / 0.9 mm



2.5 mm angled

**G-37525** 20 gauge / 0.9 mm



angled at 1 mm, long rakes

**G-37570** 20 gauge / 0.9 mm

**MEMBRANE PEELERS**



1.0 mm angled

**G-37500** 20 gauge / 0.9 mm

**G-37503** 23 gauge / 0.6 mm



*MORRIS-KROLL*

1.5 angled

**G-37505** 20 gauge / 0.9 mm



0.65 mm angled  
black chromium

**G-37506** 20 gauge / 0.9 mm



0.4 mm, recessed, angled  
black chromium

**G-37511** 20 gauge / 0.9 mm

**G-37512** 23 gauge / 0.6 mm

**G-37513** 25 gauge / 0.5 mm





## SCLERAL DEPRESSORS LOCALIZERS







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



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



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



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



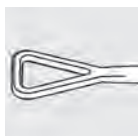
**G-15710** *MEYER-SCHWICKERATH*  
**LOCALIZER AND SCLERAL DEPRESSOR**  
 for fixation and rotation



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



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



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

SCLERAL DEPRESSORS · LOCALIZERS

## 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  
 right  
 left



**G-15050**  
**G-15055**



**G-15095**  
**PIGTAIL PROBE**  
 double-ended  
 for canalicular repair  
 with 0.4 mm suture holes  
 overall length 140 mm



**G-15096**  
**PIGTAIL PROBE**  
 double-ended  
 for canalicular repair  
 with 1.0 mm suture hooks  
 overall length 140 mm



**PROBE FOR STROMAL CHANNEL**  
 for corneal implants in patients with  
 keratoconus  
 overall length 115 mm  
 bent to the left  
 bent to the right



**G-37602**  
**G-37604**





*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

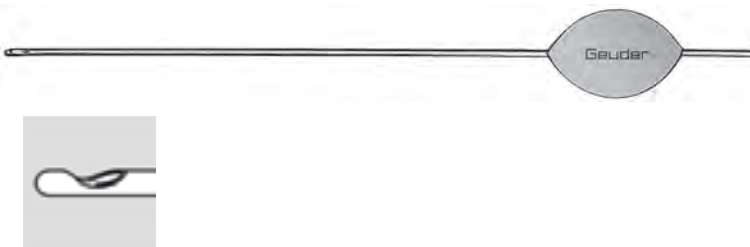
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- G-150152** size 00/0
- G-150153** size 1/2
- G-150154** size 3/4
- G-150155** size 5/6

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 right
- G-15110 left

MACKENSEN

**TRABECULAR PROBE**

7 mm curved probe  
overall length 92 mm



- G-15125 right
- G-15130 left

HARMS

**TRABECULAR PROBE**

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



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



TRABECULAR PROBES · U-SHAPED PROBE · LACRIMAL PROBES

## CANNULAS I/A INSTRUMENTS



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**LACRIMAL CANNULA**  
conical, straight  
tapers from 19 to 25 gauge  
25 mm shaft

**G-33140** silver  
**G-33135** stainless steel




**LACRIMAL CANNULA**  
conical, strongly curved  
tapers from 19 to 25 gauge  
25 mm shaft

**G-15140** silver  
**G-15141** stainless steel




**LACRIMAL CANNULA**  
conical, angled at 10 mm  
tapers from 19 to 25 gauge  
25 mm shaft

**G-15150** silver  
**G-15151** stainless steel





**LACRIMAL CANNULA**  
conical, angled at 18 mm  
tapers from 19 to 25 gauge  
25 mm shaft

**G-15160** silver  
**G-15161** stainless steel




**G-15190** *ANEL*  
**LACRIMAL CANNULA**  
straight  
15 mm shaft  
23 gauge / 0.64 mm



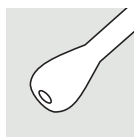

**G-15195** *ANEL*  
**LACRIMAL CANNULA**  
strongly curved  
16 mm shaft  
23 gauge / 0.64 mm



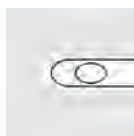

- LACRIMAL CANNULA**  
 cylindrical, straight
- G-33160** 20 gauge / 0.9 x 35 mm
  - G-33170** no. 12, 0.72 x 32 mm
  - G-33175** no. 14, 0.67 x 30 mm
  - G-33180** no. 16, 0.60 x 22 mm
  - G-33185** no. 18, 0.45 x 22 mm
  - G-33190** no. 20, 0.42 x 22 mm



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



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



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

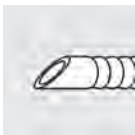


- G-33198** *JUENEMANN*  
**LACRIMAL PROBE CANNULA**  
 with grip plate  
 65 mm probe  
 to insert suture material  
 21 gauge / 0.8 x 65 mm



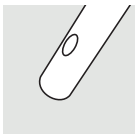

<p><b>G-15375</b> <b>G-32605</b> <b>G-32600</b> <b>G-15376</b> <b>G-15377</b></p>	<p><b>RETROBULBAR INJECTION CANNULA</b> 24 gauge / 0.6 x 60 mm 24 gauge / 0.6 x 35 mm 25 gauge / 0.5 x 35 mm 25 gauge / 0.5 x 50 mm 25 gauge / 0.5 x 40 mm</p>		
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<p><b>G-15200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



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

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



vertical  
G-15250  
G-32166

horizontal  
G-32167



**G-32155 TUEBINGEN MODEL HYDRODISSECTION CANNULA**

30 gauge / 0.3 mm



**G-15185 FRANKFURT MODEL HYDRODISSECTION CANNULA**

27 gauge / 0.4 mm



**G-31895 HYDRODISSECTION CANNULA**

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



**G-15252 G-15253 SPIRIG HYDRODISSECTION CANNULA**

for manual lens fragmentation  
right  
left

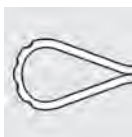


HYDRODISSECTION · CYCLODIALYSIS



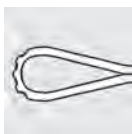
**G-16115 IRRIGATION VECTIS CANNULA**

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 KLÖCKNER EXPRESSOR CANNULA**

8 mm wide lens loop  
4 front ports  
lightly curved



**G-31807 HEALON - VISCOELASTIC CANNULA**

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



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

angled at 13 mm  
24 gauge / 0.6 mm



**G-15188 G-15189 BURK IRRIGATION TRABECULOTOMY CANNULA**

8 mm curved irrigation probe  
30 gauge / 0.3 mm  
angled right  
angled left



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

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



**G-15180**      **IRRIGATION CANNULA**  
 bulbous tip, 0.75 mm diameter tip  
 extra delicate  
 26 gauge / 0.45 mm



**G-15230**      *BONN MODEL*  
**IRRIGATION CANNULA**  
 flattened tip, front opening  
 delicate, 0.5 x 1.5 mm  
**G-15240**      medium, 0.6 x 1.9 mm



**G-16134**      *BINKHORST*  
**IRRIGATION CANNULA**  
 U-shaped  
 22 gauge / 0.7 mm  
 straight  
**G-16135**      angled right  
**G-16136**      angled left



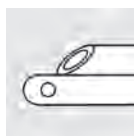
**G-32760**      *MUELLER*  
**IRRIGATION CANNULA**  
 J-shaped with probe tip  
 26 gauge / 0.45 x 19 mm  
 angled left  
**G-32765**      angled right



**G-16138**      *RENTSCH*  
**IRRIGATION CANNULA**  
 J-shaped  
 angled at 10 mm  
 26 gauge / 0.45 x 24 mm

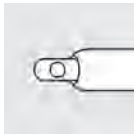


**G-16106**      *SIMCOE*  
**IRRIGATION / ASPIRATION CANNULA**  
 dual shaft  
 0.3 mm diameter aspiration port  
 front opening irrigation port  
 23 gauge / 0.64 mm  
 with silicone tube and Luer-Lock hub



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

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



**G-15225**     **ASPIRATION CANNULA**

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



**G-16125**     **KRATZ  
CAPSULE POLISHING CANNULA**

angled at 2 mm  
half-textured tip  
23 gauge / 0.64 mm



**G-16133**     **TEPING  
ASPIRATION POLISHING CANNULA**

0.3 mm posterior port  
half-textured tip, curved  
23 gauge / 0.64 mm



**G-16130**     **CAPSULE POLISHING CANNULA**

with half-textured ball tip  
18 gauge / 1.2 mm



**G-16132**     **PAPST  
CAPSULE POLISHING CANNULA**

0.75 mm hemisphere textured tip  
25 gauge / 0.5 mm



**G-32529**     **KYU  
CAPSULE POLISHING CANNULA**

2 mm disc-shaped tip  
textured  
**G-32527**  
22 gauge / 0.7 mm  
23 gauge / 0.64 mm



G-32528

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



G-32774

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



G-32769

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



G-32776

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



G-32772

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



G-33909

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



CAPSULER POLISHERS · LASIK

15

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



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



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



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



**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 - T. KOHNEN*  
**ASPIRATION HANDPIECE**  
 0.3 mm aspiration port  
 textured tip



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

**G-22101**

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



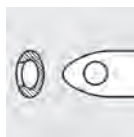
**G-22105**  
**G-22106**

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



**G-22107**

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



**G-22637**

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



**G-32011 ASPIRATION HANDPIECE**

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



**G-32012 IRRIGATION HANDPIECE**

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



**G-32018 BRAUWEILER ASPIRATION HANDPIECE**

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



**G-32019 H.-R. KOCH ASPIRATION HANDPIECE**

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





**G-32016** *BRAUWEILER*  
**IRRIGATION HANDPIECE**  
angled at 12 mm  
front opening  
21 gauge / 0.8 mm



**G-32017** *BRAUWEILER*  
**IRRIGATION HANDPIECE**  
angled at 13 mm  
textured 0.8 mm iris retractor and  
capsule polisher  
21 gauge / 0.8 mm



**G-32026** *R. KOCH*  
**ASPIRATION HANDPIECE**  
0.3 mm aspiration port  
textured tip  
19 gauge / 1.1 mm



**G-32028** *R. KOCH*  
**IRRIGATION HANDPIECE**  
angled  
dual 0.75 mm side ports  
19 gauge / 1.1 mm



**G-32014**

*R. KOCH*

**IRRIGATION CHOPPER**

angled  
dual 0.75 mm side ports  
1 mm angled chopper tip  
19 gauge / 1.1 mm



**G-32059**

*DICK*

**IRRIGATION CHOPPER**

angled  
dual 0.75 mm side ports  
1 mm curved chopper tip  
19 gauge / 1.1 mm



**G-38601**

*ALTHAUS / CARTSBURG*

**IRRIGATION DESCMET HOOK**

hook diameter: 0.25 mm  
hook length: 0.6 mm  
for Descemetorhexis  
rhombic 0.9 x 0.6 mm irrigation tube  
overall length 98 mm



**G-38602**

*THOMAS NEUHANN*

**IRRIGATION DESCMET SCRAPER**

scraper width: 0.8 mm  
scraper length: 0.6 mm  
rhombic 0.9 x 0.6 mm irrigation tube  
for peripheral scraping of the recipient bed  
overall length 94 mm



**G-38631** *SZURMAN*  
**DMEK IRRIGATION HANDPIECE**  
curved, closed tip  
side port 0.3 mm  
tube 23 gauge / 0.6 mm



**G-38632** *SZURMAN*  
**DMEK IRRIGATION HANDPIECE**  
curved, front opening  
tube 23 gauge / 0.6 mm



**PEP 2.2 MM I/A HANDPIECE**  
Pure Efficiency Phaco  
for 2.2 mm incisions  
0.3 mm aspiration port

**G-24318** coaxial I/A straight tip  
**G-24418** coaxial I/A 30° angled tip

with G-24311 PEP infusion sleeve



**G-24311** **PEP 2.2 MM INFUSION SLEEVE**  
Pure Efficiency Phaco  
for 2.2 mm incisions  
purple translucent silicone

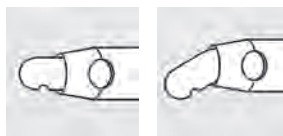




**PEP 2.4 MM I/A HANDPIECE**

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

**G-24332**  
**G-24432**

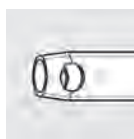


with G-24314 PEP infusion sleeve

**G-24314**

**PEP 2.4 MM INFUSION SLEEVE**

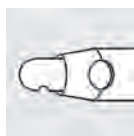
Pure Efficiency Phaco  
for 2.4 mm incisions  
green translucent silicone



**G-24330**

**I/A HANDPIECE**

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



**I/A HANDPIECE**

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

**G-24430**  
**G-24435**  
**G-24440**



with G-24100 infusion sleeve

COAXIAL IRRIGATION/ASPIRATION

15

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

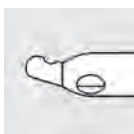


*PAPST*  
**I/A HANDPIECE**

coaxial  
infusion tube 16 gauge / 1.6 mm  
aspiration port 0.3 mm, straight  
**G-22525**  
**G-22527** aspiration port 0.4 mm, straight  
**G-22540** aspiration port 0.3 mm, angled 30°  
**G-22542** aspiration port 0.4 mm, angled 30°  
**G-22545** aspiration port 0.5 mm, angled 30°



**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

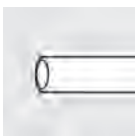



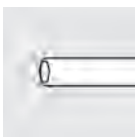

RETINAL · BACKFLUSH HANDPIECES

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

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

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

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

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

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

<b>G-33077</b>	<b>BACKFLUSH CANNULA</b>		
	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

15



**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-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**

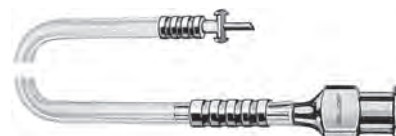
for viscous fluids, without silicone tube  
for butterfly-21 cannula  
20 gauge / 0.9 mm  
beveled, 4.0 mm  
**G-33495** beveled, 5.0 mm  
**G-33496** beveled, 6.0 mm



**G-32180**

*DUISBURG MODEL*  
**INJECTION CANNULA**

for viscous fluids  
25 cm silicone tube with 2 metal sleeves  
and Luer-Lock adapter  
20 gauge / 0.9 mm  
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 mm
- G-33471** 20 gauge / 0.9 mm, beveled, 5 mm
- G-33472** 20 gauge / 0.9 mm, beveled, 6 mm
- G-33473** 23 gauge / 0.6 mm, beveled, 4 mm
- G-33474** 23 gauge / 0.6 mm, beveled, 6 mm



**G-33475 SPARE SILICONE TUBE**

for injection cannulas  
25 cm  
3 pcs. per box

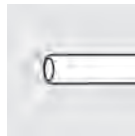


*WEBER*

**ASPIRATION CANNULA**

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

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



**G-37390 ASPIRATION CANNULA**

23 gauge / 0.6 mm  
10 mm shaft



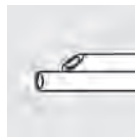
**G-33056 ROIDER ASPIRATION CANNULA**

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**

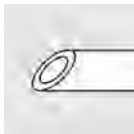
for injection or aspiration of viscous fluids  
and Densiron<sup>®</sup> 68, bevel 30°

**G-32699**

19 gauge / 1.1 mm

**G-32698**

18 gauge / 1.2 mm



**STOPPER**

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

**G-33065**

10 ml syringe

**G-33066**

20 ml syringe

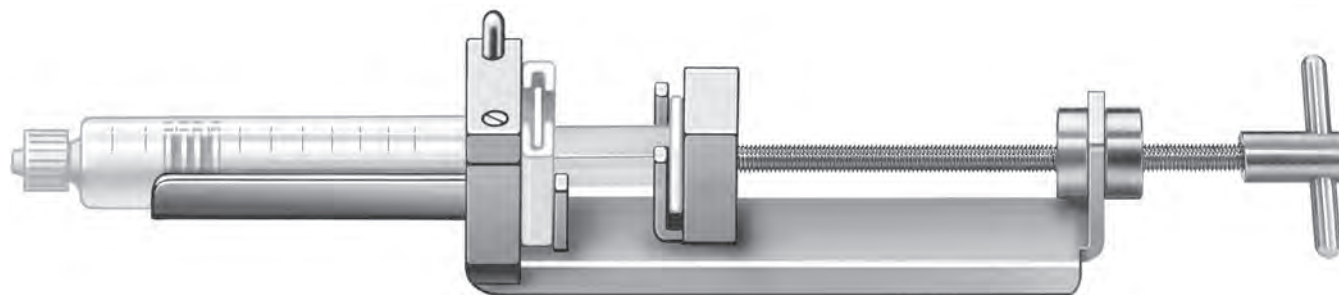


**PRESSURE TUBE**

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

**G-32697**

single use, 10 pcs. per box, sterile



**G-28752**

**SYRINGE HOLDER**

for manual injection of  
viscous fluids in glass syringes,  
with clamp and retraction mechanism

**SYRINGE CLIP**

customized labeling  
for 2 ml syringes  
for 5 ml syringes

**G-19960**

**G-19961**



**SILICONE BULB**

with Luer Cone  
20 ml  
60 ml

**G-32665**

**G-32670**



## SINGLE USE INSTRUMENTS



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## NANOEDGE TREPHINES

length 16 mm  
sterile, single-use

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



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



## NANOEDGE TREPHINE PUNCHES

sterile, single-use

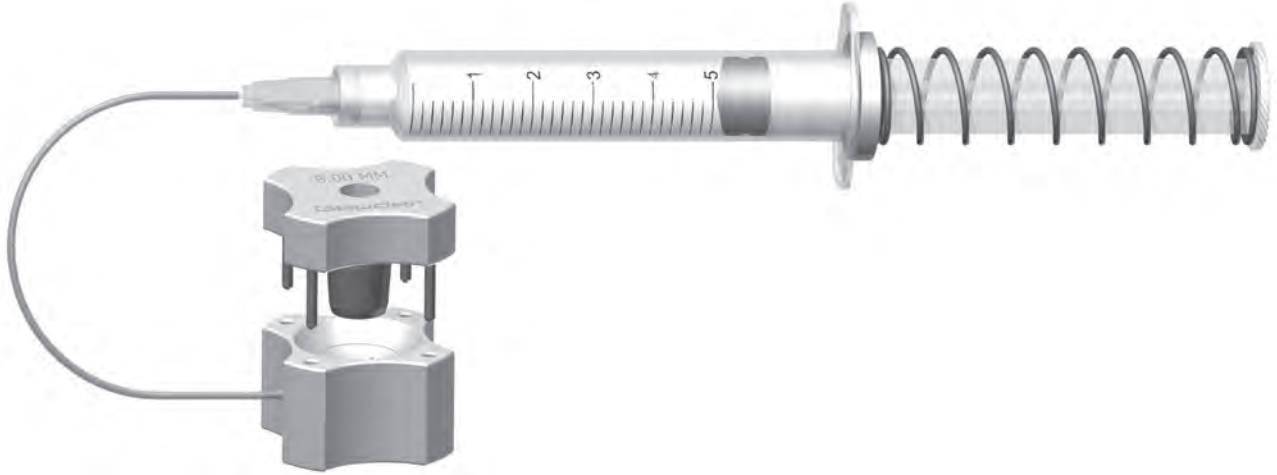
<b>G-540600</b>	6.00 mm	<b>G-540725</b>	7.25 mm	<b>G-540850</b>	8.50 mm
<b>G-540625</b>	6.25 mm	<b>G-540750</b>	7.50 mm	<b>G-540875</b>	8.75 mm
<b>G-540650</b>	6.50 mm	<b>G-540775</b>	7.75 mm	<b>G-540900</b>	9.00 mm
<b>G-540675</b>	6.75 mm	<b>G-540800</b>	8.00 mm	<b>G-540925</b>	9.25 mm
<b>G-540700</b>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



## NANOEDGE VACUUM TREPHINE PUNCHES

sterile, single-use

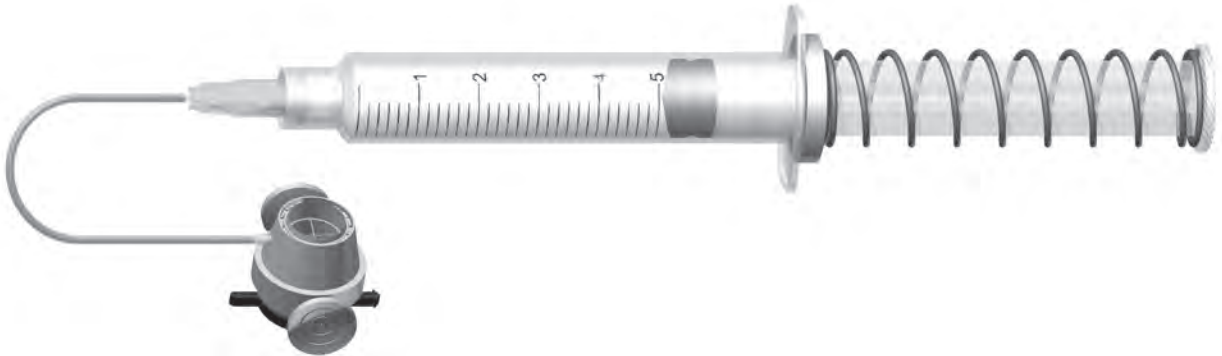
<b>G-560600</b>	6.00 mm	<b>G-560725</b>	7.25 mm	<b>G-560850</b>	8.50 mm
<b>G-560625</b>	6.25 mm	<b>G-560750</b>	7.50 mm	<b>G-560875</b>	8.75 mm
<b>G-560650</b>	6.50 mm	<b>G-560775</b>	7.75 mm	<b>G-560900</b>	9.00 mm
<b>G-560675</b>	6.75 mm	<b>G-560800</b>	8.00 mm	<b>G-560925</b>	9.25 mm
<b>G-560700</b>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



## NANOEDGE VACUUM TREPHINE radial

sterile, single-use

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





## SINGLE-USE KNIVES FOR OPHTHALMIC SURGERY

6 pcs. per box  
sterile



### NANOEDGE PARACENTESIS KNIVES



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



**G-34031** 22,5°



**G-34036** 30°

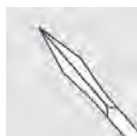


**NANOEDGE MVR STILETT** straight  
diameter insertable instruments

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

incision / blade width

1.2 mm  
0.8 mm  
0.7 mm



**NANOEDGE MVR STILETT** angled  
diameter insertable instruments

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

incision / blade width

1.2 mm  
0.8 mm  
0.7 mm



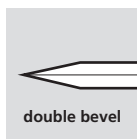
**NANOEDGE PHACO SLIT KNIFE**  
angled, double bevel

**G-34050** 1.80 mm  
**G-34051** 2.20 mm  
**G-34052** 2.40 mm  
**G-34053** 2.50 mm  
**G-34054** 2.75 mm  
**G-34055** 2.85 mm  
**G-34060** 2.20 mm, protect, with sliding guard  
**G-34061** 2.40 mm, protect, with sliding guard  
**G-34062** 2.85 mm, protect, with sliding guard



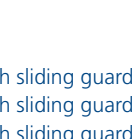
**CLEAR CORNEA KNIFE**  
angled, double bevel

**G-34122** 2.75 mm  
**G-34126** 3.00 mm



**NANOEDGE CRESCENT KNIFE**  
angled, bevel up

**G-34081** 2.0 mm



**NANOEDGE SPOON KNIFE**  
angled, double bevel

**G-34086** 2.2 mm



**NANOEDGE IMPLANT KNIFE**  
angled, bevel up

**G-34146** 6.0 mm

**20G** RED: 20 GAUGE / 0.9 MM

**23G** GREEN: 23 GAUGE / 0.6 MM

**25G** BLUE: 25 GAUGE / 0.5 MM

## SCISSORS

### SINGLE-USE VITREOUS SCISSORS UNO COLORLINE

straight, sterile



**G-42061** 20G, 1 pcs. per box

**G-42361** 23G, 1 pcs. per box

**G-42561** 25G, 1 pcs. per box

### SINGLE-USE VITREOUS SCISSORS UNO COLORLINE

curved, sterile



**G-42362** 23G, 1 pcs. per box

**G-46362** 23G, 6 pcs. per box

**G-42562** 25G, 1 pcs. per box

**G-46562** 25G, 6 pcs. per box

## HANDLES

### HANDLE UNO COLORLINE 20G, 23G, 25G

titanium handle for UNO Colorline  
single-use tips

**G-40006** 6 mm diameter

**G-40008** 8 mm diameter



## FORCEPS

### SINGLE-USE VITREOUS FORCEPS ENDGRIPPING UNO COLORLINE

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



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

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

**G-42541** 25G, 1 pcs. per box  
**G-46541** 25G, 6 pcs. per box

### HATTENBACH

### SINGLE-USE VITREOUS FORCEPS WAVE DESIGN UNO COLORLINE

straight, wave design, 0.3 mm x 0.5 mm,  
sterile



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

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

**G-42542** 25G, 1 pcs. per box  
**G-46542** 25G, 6 pcs. per box

### SINGLE-USE VITREOUS FORCEPS CROCODILE DESIGN UNO COLORLINE

straight, crocodile design 0.3 mm x 2.5 mm,  
sterile



**G-42043** 20G, 1 pcs. per box

**G-42343** 23G, 1 pcs. per box  
**G-46343** 23G, 6 pcs. per box

### SINGLE-USE TANO FORCEPS UNO COLORLINE

straight, sterile



**G-42044** 20G, 1 pcs. per box

**G-42344** 23G, 1 pcs. per box

**G-42544** 25G, 1 pcs. per box

**20G RED: 20 GAUGE / 0.9 MM**

**23G GREEN: 23 GAUGE / 0.6 MM**

**25G BLUE: 25 GAUGE / 0.5 MM**

ENDO PROBES

**SINGLE-USE ENDO-PROBE S  
UNO COLORLINE**

straight, plug for GEUDER endoTRON, sterile



**G-61201** 20G, 5 pcs. per box

**G-61231** 23G, 5 pcs. per box

**G-61251** 25G, 5 pcs. per box

**SINGLE-USE ENDO-PROBE S  
UNO COLORLINE**

straight, plug for IRIDEX® Laser, sterile



**G-61204** 20G, 5 pcs. per box

**G-61234** 23G, 5 pcs. per box

**G-61254** 25G, 5 pcs. per box

**SINGLE-USE ENDO-PROBE C  
UNO COLORLINE**

curved, plug for GEUDER endoTRON, sterile



**G-61202** 20G, 5 pcs. per box

**G-61232** 23G, 5 pcs. per box

**G-61252** 25G, 5 pcs. per box

**SINGLE-USE ENDO-PROBE C  
UNO COLORLINE**

curved, plug for IRIDEX® Laser, sterile



**G-61205** 20G, 5 pcs. per box

**G-61235** 23G, 5 pcs. per box

**G-61255** 25G, 5 pcs. per box

**20G RED: 20 GAUGE / 0.9 MM**

**23G GREEN: 23 GAUGE / 0.6 MM**

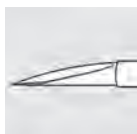
**25G BLUE: 25 GAUGE / 0.5 MM**

## TROCAR SYSTEMS

*HATTENBACH / NIKOLIC*

### SINGLE-USE TROCAR SYSTEM ONE-STEP UNO COLORLINE

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



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

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

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

### SINGLE-USE TROCAR PLUGS UNO COLORLINE

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

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



## FIBER OPTICS

### SINGLE-USE FIBER OPTIC S UNO COLORLINE

spot, sterile



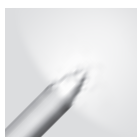
**G-42021** 20G, 1 pcs. per box  
**G-46021** 20G, 6 pcs. per box

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

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

### SINGLE-USE FIBER OPTIC W UNO COLORLINE

wide angle, sterile



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

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

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

**20G RED: 20 GAUGE / 0.9 MM**

**23G GREEN: 23 GAUGE / 0.6 MM**

**25G BLUE: 25 GAUGE / 0.5 MM**

**SINGLE-USE FIBER OPTIC WS  
UNO COLORLINE**  
wide angle, shielded, sterile



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

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

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

## VITREOUS CUTTERS

**SINGLE-USE HIGH SPEED VITREOUS CUTTER  
UNO COLORLINE**  
pneumatic, with GEUDER safety-connector,  
sterile



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

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

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

**SINGLE-USE HIGH SPEED VITREOUS CUTTER  
MACH 2 UNO COLORLINE**  
Doubleblade, pneumatic,  
with GEUDER safety-connector, sterile



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

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

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

**SINGLE-USE INFUSION TUBE 20G  
UNO COLORLINE**  
for 20 gauge GEUDER  
UNO Colorline vitreous cutters, sterile  
**G-42009** 20G, 1 pcs. per box



FIBRE OPTICS · VITREOUS CUTTERS · INFUSION TUBE



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



*SZURMAN*

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

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

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



- G-34810**     **LACRIMAL INTUBATION TUBING**  
silicone tubing 35 cm  
OD 0.6 mm, ID 0.3 mm  
10 pcs. per box, sterile



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



**G-34812 LACRIMAL INTUBATION SET**  
 silicone tubing 0.6 mm  
 2 probes 110 mm with olive tips  
 27 gauge / 0.4 mm  
 3 pcs. per box, sterile



**G-34814 DCR LACRIMAL INTUBATION SET**  
 silicone tubing 0.6 mm, 2 probes 45 mm  
 20 gauge / 0.9 mm  
 3 pcs. per box, sterile



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



**G-34200 SINGLE-USE RETROBULBAR CANNULA**  
 10 pcs. per box, sterile  
 25 gauge, 0.5 x 40 mm  
**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 40 mm



**G-34220 SINGLE-USE PERIBULBAR CANNULA**  
 25 gauge, 0.5 x 30 mm  
 10 pcs. per box, sterile

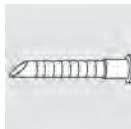


**G-34225 SINGLE-USE CYSTOTOME CANNULA**  
 vaulted, 45°  
 25 gauge / 0.5 mm  
 10 pcs. per box, sterile  
**G-34230**  
 12.5 mm long, side cutting  
 12.5 mm long





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



**G-34235** *RYCROFT*  
**SINGLE-USE A. C. CANNULA**  
angled at 5 mm, 45°  
10 pcs. per box, sterile  
**G-34240** 20 gauge, 0.9 x 5 + 17 mm  
25 gauge, 0.5 x 25 mm



**G-34245** *SAUTTER*  
**SINGLE-USE HYDRODISSECTION CANNULA**  
vertically flattened  
27 gauge / 0.4 x 22 mm  
10 pcs. per box, sterile



**G-34270** *TUEBINGEN MODEL*  
**SINGLE-USE HYDRODISSECTION CANNULA**  
30 gauge / 0.3 x 22 mm  
10 pcs. per box, sterile



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



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

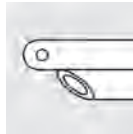
**G-34265** **SINGLE-USE IRRIGATION VECTIS CANNULA**  
 double port  
 25 gauge / 0.5 mm  
 10 pcs. per box, sterile



**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  
 5 pcs. per box, sterile



**G-34335** **SINGLE-USE IRRIGATION CANNULA**  
 for topical irrigation  
 with bulbous tip, straight  
 length 60 mm, 3 mm diameter tip  
 50 pcs. per box, sterile



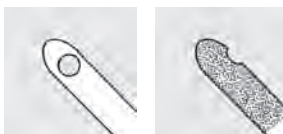
**G-80975** **SINGLE-USE INJECTION CANNULA**  
 for EasyGas®  
 30 gauge / 0.3 x 12 mm  
 100 pcs. per box, sterile





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

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



**G-34289 SINGLE-USE BACKFLUSH HANDPIECE**

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



**G-34806 SINGLE-USE SILICONE CHAMBER**

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



**G-34275 SINGLE-USE BACKFLUSH CANNULA**

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



**SINGLE-USE BACKFLUSH CANNULA**

blunt tip  
 5 pcs. per box, sterile

**G-34291**

20 gauge / 0.9 mm

**G-34296**

23 gauge / 0.6 mm

**G-34299**

25 gauge / 0.5 mm



**SINGLE-USE BACKFLUSH CANNULA**

with silicone brush  
 5 pcs. per box, sterile

**G-34293**

20 gauge / 0.9 mm

**G-34294**

23 gauge / 0.6 mm

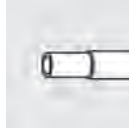
**G-34297**

25 gauge / 0.5 mm



**SINGLE-USE BACKFLUSH CANNULA**

with silicone tip  
 5 pcs. per box, sterile  
**G-34292** 20 gauge / 0.9 mm  
**G-34295** 23 gauge / 0.6 mm  
**G-34298** 25 gauge / 0.5 mm



**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 CANNULA**

to inject silicone oil  
 10 pcs. per box, sterile  
**G-34497** 20 gauge / 0.9 mm x 8 mm  
**G-34498** 23 gauge / 0.6 mm x 8 mm



**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



**SINGLE-USE INFUSION CANNULA**

with 25 cm silicone tube  
 Luer-Lock plastic adapter  
 20 gauge / 0.9 mm  
 5 pcs. per box, sterile  
**G-33468** 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



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

**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-33488  
beveled tip, 6.0 mm  
G-33489



G-34480

**SINGLE-USE INJECTION CANNULA**

for viscous fluids  
4.0 mm beveled tip  
with 2 metal sleeves, Luer-Lock plastic adapter  
and 25 cm silicone tube  
19 gauge / 1.1 mm  
10 pcs. per box, sterile



G-34492

*KIRCHHOF*

**SINGLE-USE INJECTION CANNULA**

for gas / viscous fluids  
5.0 mm beveled tip with 4 infusion side ports  
2 metal sleeves, Luer-Lock plastic adapter and  
40 cm silicone tube  
20 gauge / 0.9 mm  
10 pcs. per box, sterile



G-32696

**SINGLE-USE PRESSURE TUBE**

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



G-31891

**SINGLE-USE SYRINGE**

Luer-Lock, 10 ml, sterile



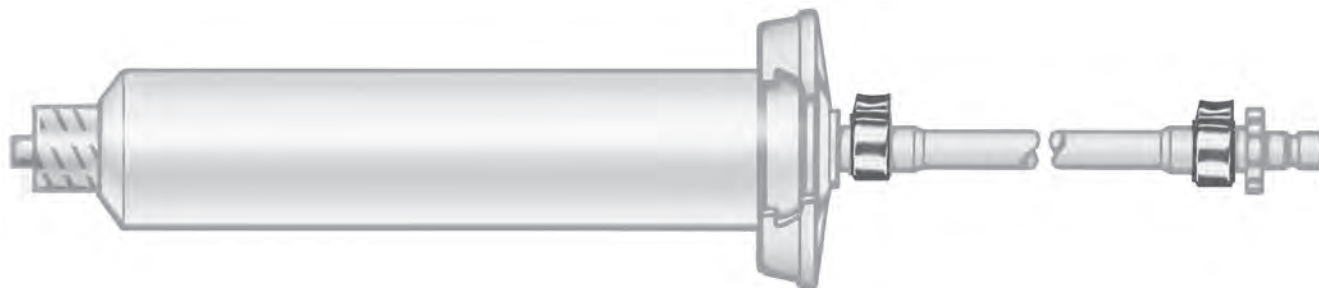
G-31520

**SINGLE-USE MINI FILTER**

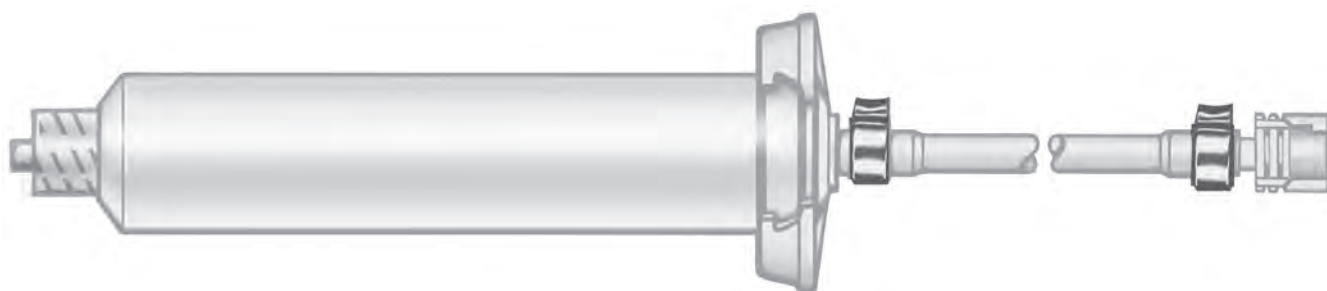
0.1 µm, sterile



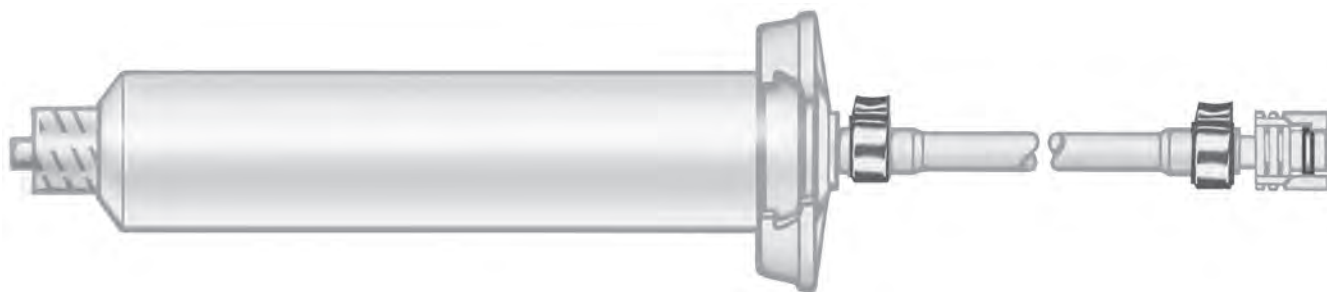
CANNULAS (INJECTION, VISCOUS FLUIDS, GAS)



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



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



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

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



- G-32700**     **SCALPEL HANDLE**

**SCALPEL SURGICAL BLADES**

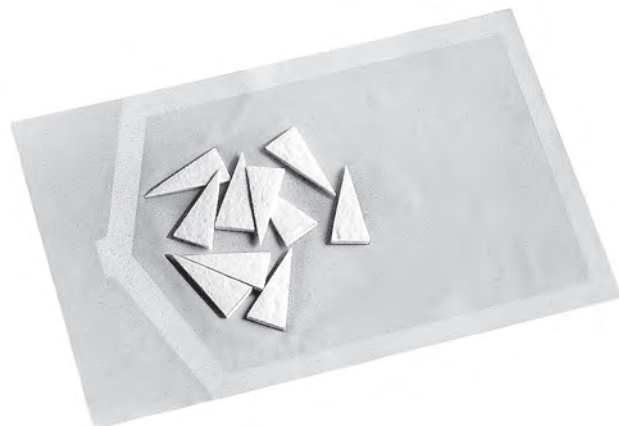
100 pcs. per box, sterile

- G-32705**     #11, curved cutting edge

- G-32710**     #15, straight edge and pointed tip



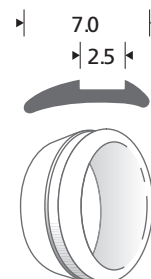
- G-18127**     **ABSORBENT SWABS**  
17 mm long  
box of 20 pouches  
10 swabs per pouch  
sterile



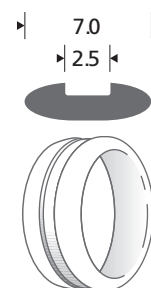
- G-33786**     **MARKING PEN**  
gentian violet  
dual tip, fine and broad  
to ink corneal instruments  
20 pcs. per box, sterile



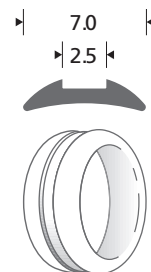
**G-34602 SILICONE TIRE (276 STYLE)**  
 asymmetrical, 7.0 mm wide  
 2.5 mm groove  
 5 pcs. per box, sterile



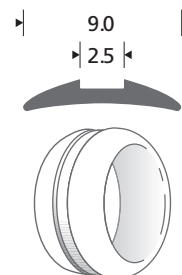
**G-34610 SILICONE TIRE (287 STYLE)**  
 convex, 7.0 mm wide  
 2.5 mm groove  
 5 pcs. per box, sterile



**G-34616 SILICONE TIRE (277 STYLE)**  
 concave, 7.0 mm wide  
 2.5 mm groove  
 5 pcs. per box, sterile



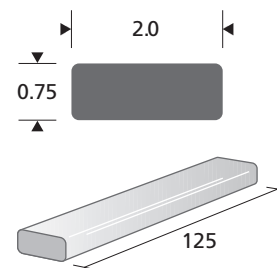
**G-34618 SILICONE TIRE (279 STYLE)**  
 concave, 9.0 mm wide  
 2.5 mm groove  
 5 pcs. per box, sterile



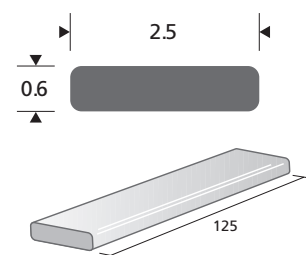


**G-34620 SILICONE CIRCLING BAND (40 STYLE)**

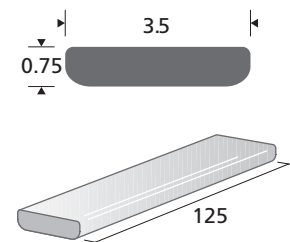
0.75 mm x 2.0 mm  
125 mm long  
5 pcs. per box, sterile

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

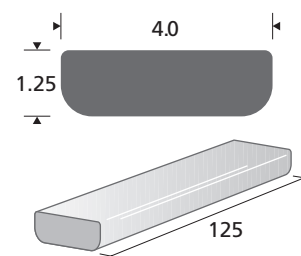
0.6 mm x 2.5 mm  
125 mm long  
5 pcs. per box, sterile

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

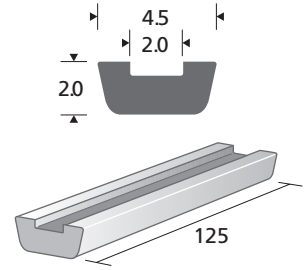
0.75 mm x 3.5 mm  
125 mm long  
5 pcs. per box, sterile

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

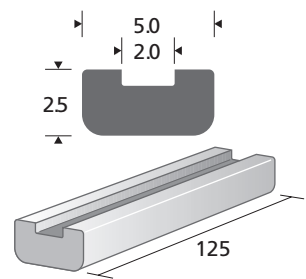
1.25 mm x 4.0 mm  
125 mm long  
5 pcs. per box, sterile



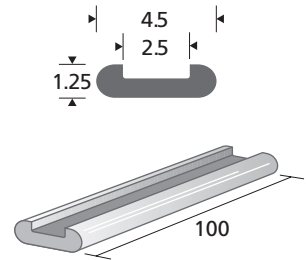
**G-34632 GROOVED SILICONE STRIP (31 STYLE)**  
 2.0 mm x 4.5 mm  
 125 mm long, 2.0 mm groove  
 5 pcs. per box, sterile



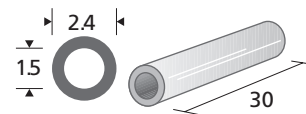
**G-34634 GROOVED SILICONE STRIP (32 STYLE)**  
 2.5 mm x 5.0 mm  
 125 mm long, 2.0 mm groove  
 5 pcs. per box, sterile



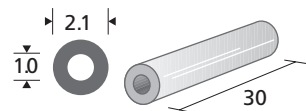
**G-34636 GROOVED SILICONE STRIP (219 STYLE)**  
 1.25 mm x 4.5 mm  
 100 mm long, 2.5 mm groove  
 5 pcs. per box, sterile



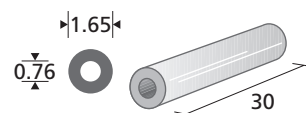
**G-34644 SILICONE SLEEVE (72 STYLE)**  
 1.5 mm inside diameter  
 2.4 mm outside diameter  
 30 mm long  
 5 pcs. per box, sterile



**G-34642 SILICONE SLEEVE (70 STYLE)**  
 1.0 mm inside diameter  
 2.1 mm outside diameter  
 30 mm long



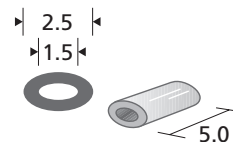
**G-34646 SILICONE SLEEVE (270 STYLE)**  
 0.76 mm inside diameter  
 1.65 mm outside diameter  
 30 mm long  
 5 pcs. per box, sterile



SILICONE STRIPS · SILICONE SLEEVES

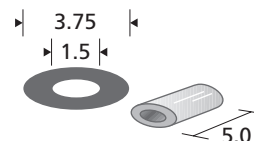
**G-34645 OVAL SILICONE SLEEVE (3083 STYLE)**

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



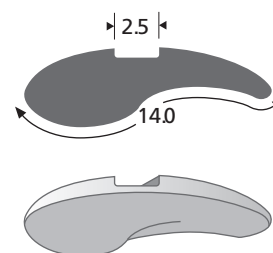
**G-34647 OVAL SILICONE SLEEVE (3084 STYLE)**

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



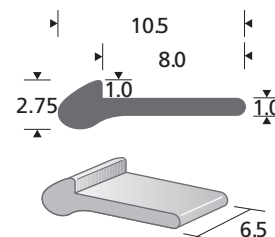
**G-34654 SILICONE WEDGE (137 STYLE)**

2.5 mm groove  
5 pcs. per box, sterile



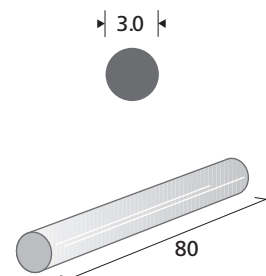
**G-34650 MERIDIONAL SILICONE IMPLANT (106 STYLE)**

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

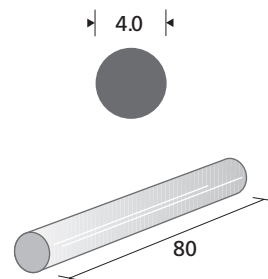


**G-34656 ROUND SILICONE SPONGE IMPLANT (503 STYLE)**

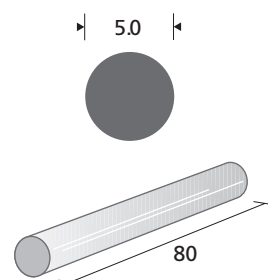
3.0 mm diameter  
80 mm long  
5 pcs. per box, sterile



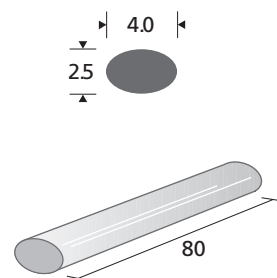
**G-34658**     **ROUND SILICONE SPONGE IMPLANT (504 STYLE)**  
 4.0 mm diameter  
 80 mm long  
 5 pcs. per box, sterile



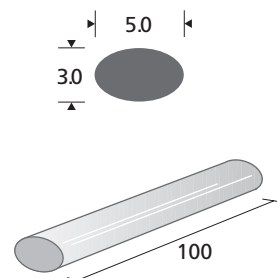
**G-34660**     **ROUND SILICONE SPONGE IMPLANT (505 STYLE)**  
 5.0 mm diameter  
 80 mm long  
 5 pcs. per box, sterile



**G-34664**     **OVAL SILICONE SPONGE IMPLANT (501 STYLE)**  
 2.5 mm x 4.0 mm  
 80 mm long  
 5 pcs. per box, sterile

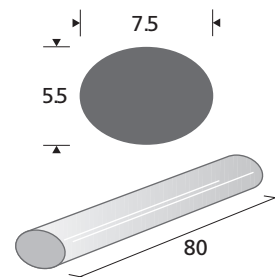


**G-34666**     **OVAL SILICONE SPONGE IMPLANT (506 STYLE)**  
 3.0 mm x 5.0 mm  
 100 mm long  
 5 pcs. per box, sterile

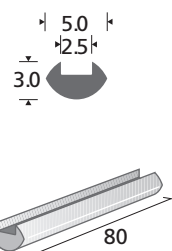


**G-34668 OVAL SILICONE SPONGE IMPLANT (507 STYLE)**

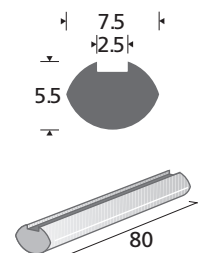
5.5 mm x 7.5 mm  
80 mm long  
5 pcs. per box, sterile

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

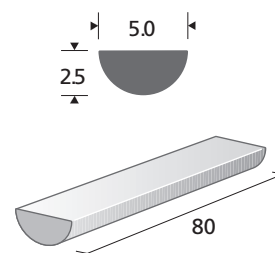
3.0 mm x 5.0 mm  
80 mm long, 2.5 mm groove  
5 pcs. per box, sterile

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

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

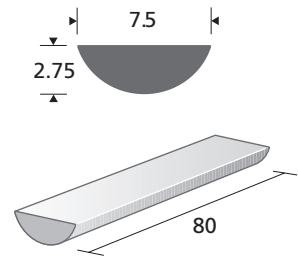
**G-34684 SEMI-CIRCULAR SILICONE SPONGE IMPLANT (510 STYLE)**

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



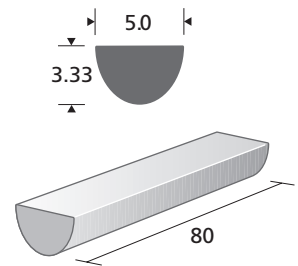
**G-34686 SEMI-OVAL SILICONE SPONGE IMPLANT (511 STYLE)**

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



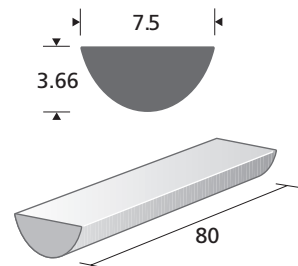
**G-34688 SEMI-OVAL SILICONE SPONGE IMPLANT (515 STYLE)**

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



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

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



**G-34710 BONN INJECTION SET**

single-use set for intravitreal injection  
consisting of:

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



SILICONE SPONGE IMPLANTS · BONN INJECTION SET

## MISCELLANEOUS



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







**G-32955**

**INJECTOR**

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



**G-32960**

**INJECTOR**

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



**G-32965**

**INJECTOR**

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



**G-32970**

**INJECTOR**

for *MORCHER* pupil dilator  
overall length 140 mm



**G-31810** *FRIEDMANN*  
**RONGEUR**  
overall length 140 mm



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



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



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



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





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



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



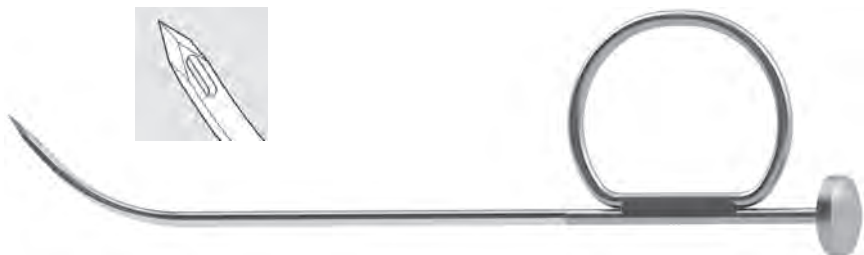
**G-33650** *ELSA*  
**LASEK TREPHINE**  
with crosshairs  
overall length 100 mm  
**G-33652** 8.0 mm  
9.0 mm



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



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



BONE CHISELS · LASEK FUNNEL · FASCIA NEEDLE



- 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



*CIBIS*  
**EYE SPHERE**

**G-20216** 16 mm  
**G-20217** 17 mm  
**G-20218** 18 mm  
**G-20219** 19 mm  
**G-20220** 20 mm



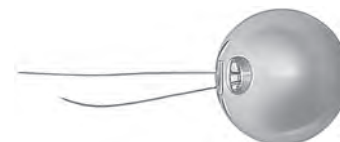
*HARMS*  
**EYE SPHERE**

**G-20316** 16 mm  
**G-20317** 17 mm  
**G-20318** 18 mm  
**G-20319** 19 mm  
**G-20320** 20 mm



*WALSER*  
**EYE SPHERE**

**G-20416** 16 mm  
**G-20417** 17 mm  
**G-20418** 18 mm  
**G-20419** 19 mm  
**G-20420** 20 mm



**G-19820**     **BATTERY CAUTERY**  
with spare tip  
and batteries  
overall length with  
spare tip 155 mm



9/10

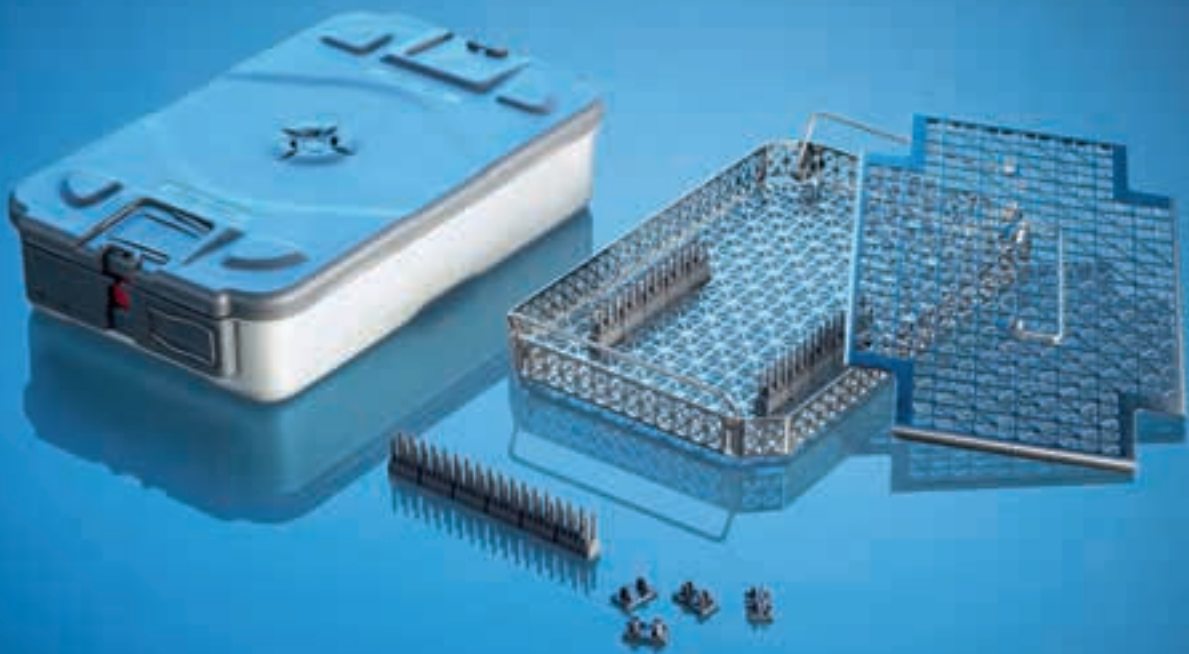
**G-19825**     **SPARE TIP**  
for battery cauterization G-19820  
overall length 50 mm



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



## STERILIZATION CONTAINERS AND ADAPTERS



MICROSTOP <sup>®</sup> .....	<b>249</b>
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TRAYS & RACKS FOR STEEL CASES .....	<b>256</b>
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**G-39745**      **MICROSTOP<sup>®</sup>**  
**CONTAINER LOW**  
for one tray  
outside dimensions: 310 x 189 x 70 mm  
inside dimensions: 283 x 177 x 50 mm



**G-39750**      **MICROSTOP<sup>®</sup>**  
**CONTAINER HIGH**  
for two trays  
outside dimensions: 310 x 189 x 90 mm  
inside dimensions: 283 x 177 x 70 mm



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



**MICROSTOP<sup>®</sup>**  
**TRAY MINI**  
38 mm, high  
size: 277 x 172 x 38 mm  
**G-39785**      without lid  
**G-39784**      with lid



MICROSTOP<sup>®</sup>

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



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



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



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



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



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

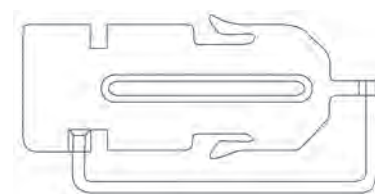


**MICROSTOP<sup>®</sup>  
LOGISTIC FRAME**  
for lid to use with labels

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



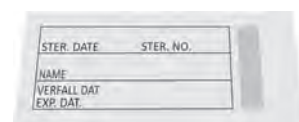
**G-39762** **MICROSTOP<sup>®</sup>  
SEAL**  
with indicator  
1000 pcs. per box



**G-39764** **MICROSTOP<sup>®</sup>  
TAG**  
with indicator  
1000 pcs. per box



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



**G-19822**

**STERILIZATION CASE**

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



**G-19823**

**STERILIZATION CASE**

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



**G-28151**

**STERILIZATION CASE**

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



**G-28150**

**STERILIZATION CASE**

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



**G-19876****STERILIZATION CASE**

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

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

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

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

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



**G-19842**

**STERILIZATION CASE**

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



**G-19877**

**STERILIZATION CASE**

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



**G-19892**

**STERILIZATION CASE**

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



**G-19894**

**STERILIZATION CASE**

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



**G-19890**

**STERILIZATION CASE**

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



**PERMANENT TEXTILE FILTER**

for steam sterilization cases

**G-31650**

for G-19822, G-19823

**G-31651**

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

**G-31652**

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

**G-31656**

for G-19877

**G-31661**

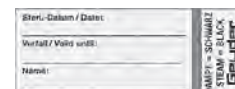
for G-19890



**G-31649**

**INDICATOR**

for steam sterilization, slim  
1000 pcs. per box



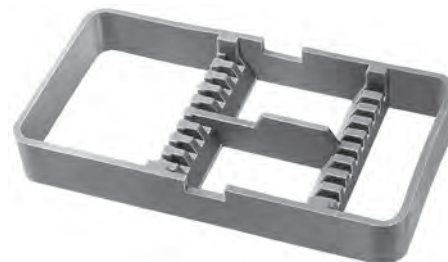
**G-32675**     **SILICONE TRAY**  
with bottom  
outside dimensions: 160 x 85 x 20 mm



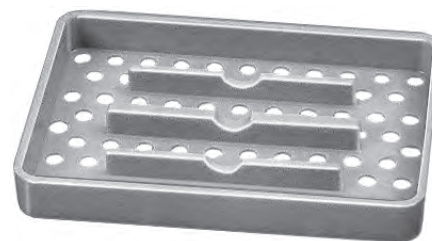
**G-32660**     **STERILIZATION RACK**  
for 12 cannulas, silicone  
outside dimensions: 85 x 56 x 8 mm



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



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





- G-39650**     **STERILIZATION CASE**  
 for steam sterilization, plastic  
 for 6 vitreoretinal instruments  
 outside dimensions: 210 x 130 x 26 mm



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



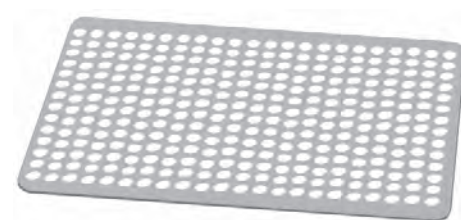
- G-32677**     **SILICONE STRIP BLUE**  
 350 mm long



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



- G-19899**     **SILICONE PLATE**  
 perforated, 270 x 185 mm  
 for hot air sterilization cases  
 G-19841, G-19842, G-19843,  
 G-19846, G-19847



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



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



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



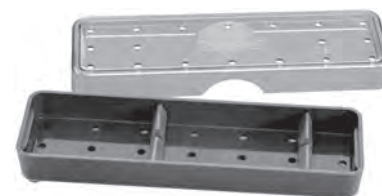
**G-33080 STERILIZATION CASE**  
for steam sterilization, plastic, for 5 instruments with handle  
outside dimensions: 160 x 85 x 20 mm



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



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



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



**G-39527**      **STERISAFE<sup>®</sup> 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<sup>®</sup> DURO A4 PLUS COMPLETE SET**  
container for steam, gas (EO, FO) and plasma  
sterilization, including:  
1 x Sterisafe<sup>®</sup> wire basket A4-30  
5 x Sterisafe<sup>®</sup> silicone retainer strips 230 mm  
1 x Sterisafe<sup>®</sup> metal tray A4-30  
outside dimensions: 290 x 190 x 70 mm  
inside dimensions: 265 x 165 x 60 mm

**G-39525**      **STERISAFE<sup>®</sup> 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<sup>®</sup> 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



STERISAFE<sup>®</sup> DURO

**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<sup>®</sup> SILICONE RETAINER STRIP 75**  
for Sterisafe<sup>®</sup> DURO A4 and A6  
length: 75 mm



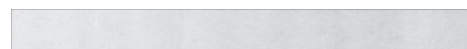
**G-39546**      **STERISAFE<sup>®</sup> SILICONE RETAINER STRIP 145**  
for Sterisafe<sup>®</sup> DURO A4 and A6  
length: 145 mm



**G-39547**      **STERISAFE<sup>®</sup> SILICONE RETAINER STRIP 230**  
for Sterisafe<sup>®</sup> DURO A4 and A6  
length: 230 mm



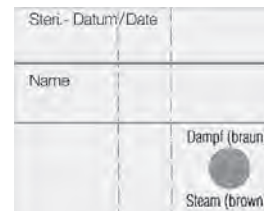
**G-39501**      **STERISAFE<sup>®</sup> FILTER**  
A4 10 pcs. per box  
**G-39511**      A6 10 pcs. per box



**G-39530**      **STERISAFE<sup>®</sup> FILTER TAG EXPIRATION DATE**  
10 pcs. per box



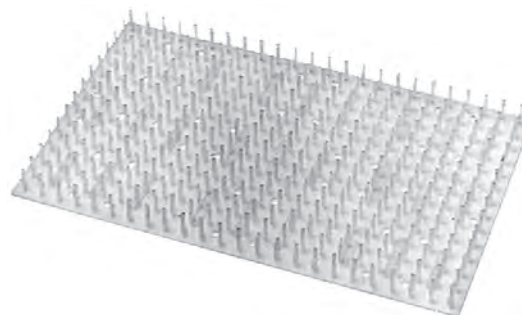
**G-39535**      **SEAL / LABEL**  
seal with color indicator and blank label  
2000 pcs. per box



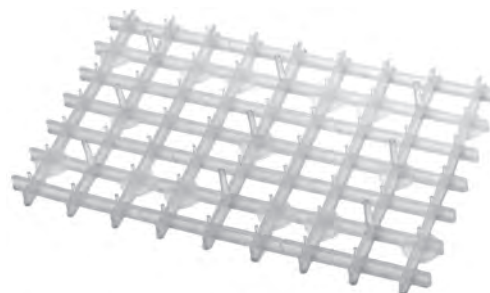
**G-39540**      **SECURITY SEAL**  
100 pcs. per box



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



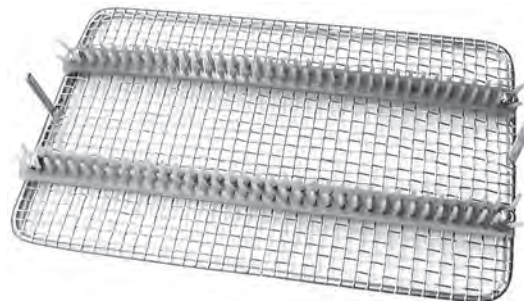
**G-39503**      **STERISAFE® SILICONE GRID INSERT**      A4  
**G-39513**      A6



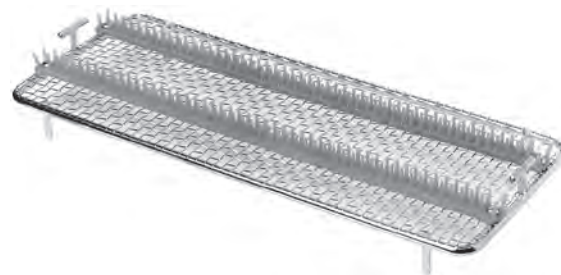
**G-39504**      **STERISAFE® METAL GRID INSERT**      A4  
**G-39514**      A6



**G-39505**      **STERISAFE<sup>®</sup> METAL GRID INSERT**  
with 2 silicone burl strips



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



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



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



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



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

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



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



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





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



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



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



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



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



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



**G-31023**      **CLEANING ADAPTER**  
for eye specula with aspiration  
G-33141, G-33142 and G-33143



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





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

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



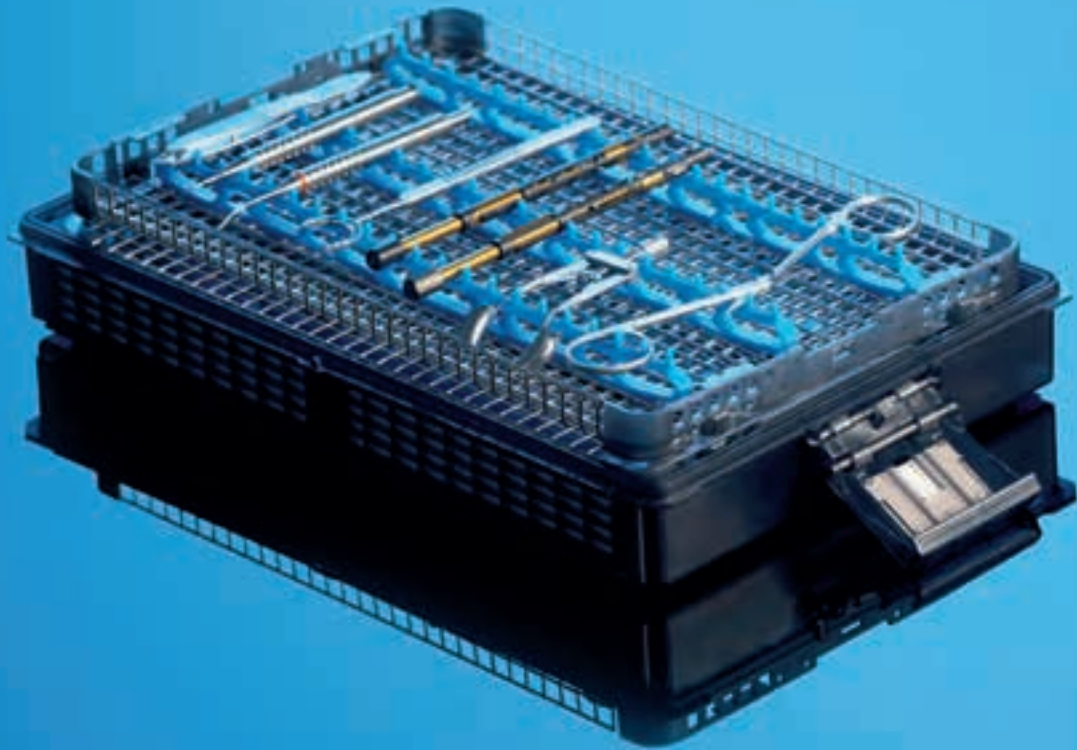
**G-36604**      **CLEANING ADAPTER**  
for rotatable and interchangeable tips



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

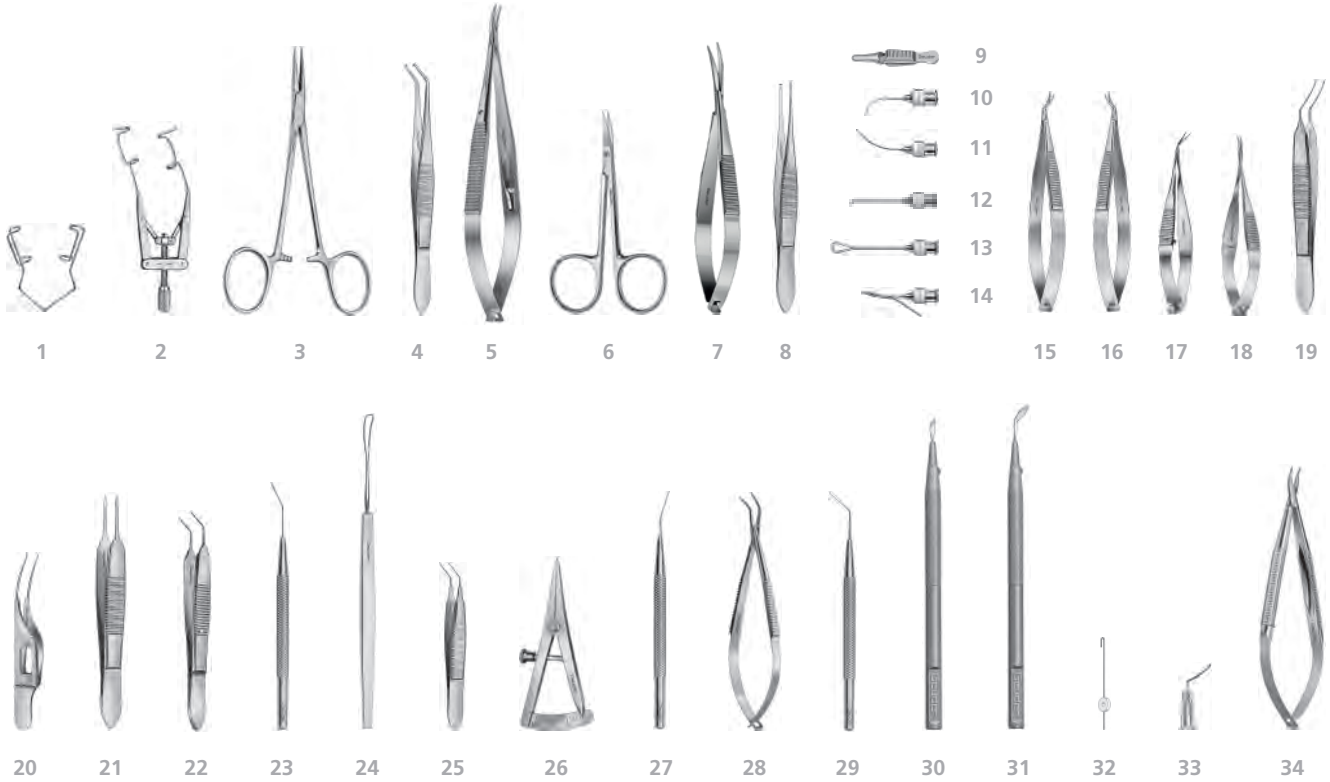
# 19

SETS



**Geuder**<sup>®</sup>  
Precision made in Germany

ECCE - EXTRA CAPSULAR CATARACT EXTRACTION



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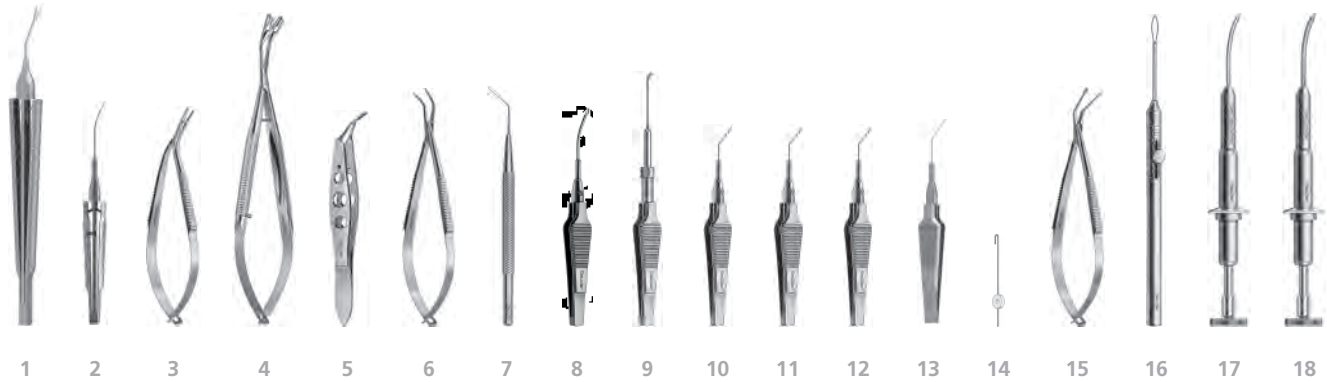
ECCE - EXTRA CAPSULAR CATARACT EXTRACTION

PHACO / CATARACT



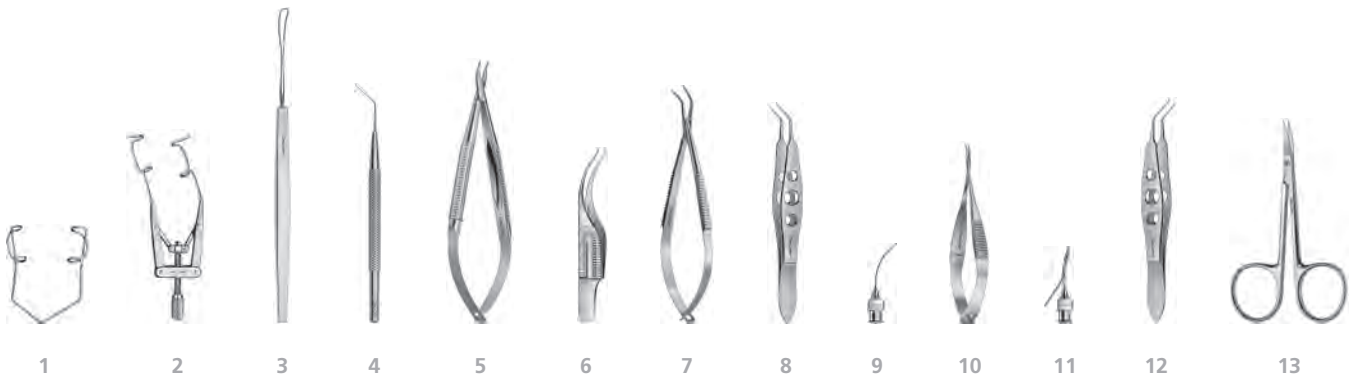
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SNYDER-OSHER IOL EXPLANTATION · TORIC IOL · HATTENBACH IRIS SUTURE



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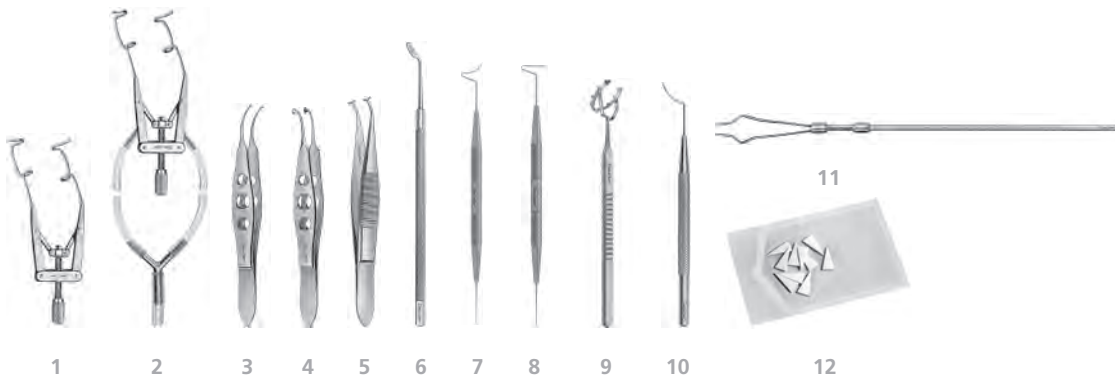
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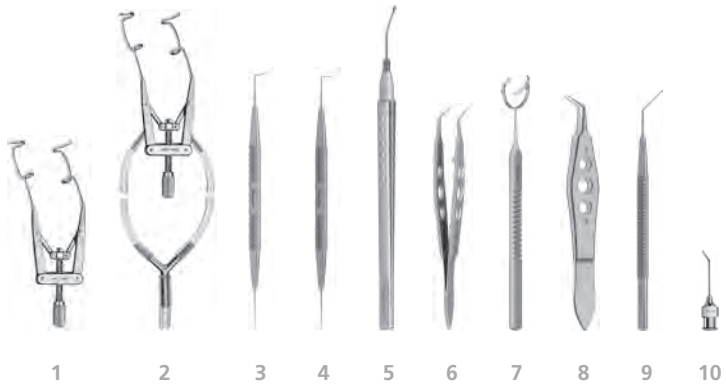
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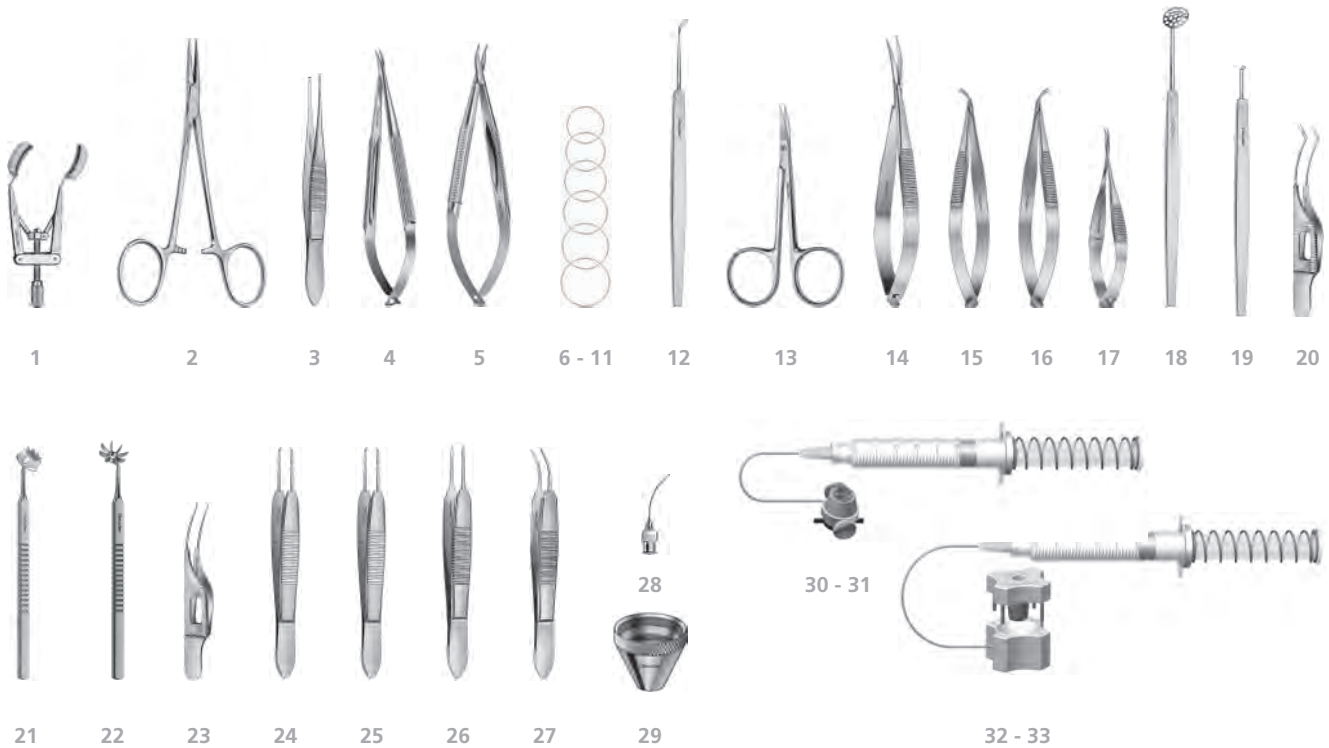


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FEMTO LASIK · RELEX SMILE

KERATOPLASTY



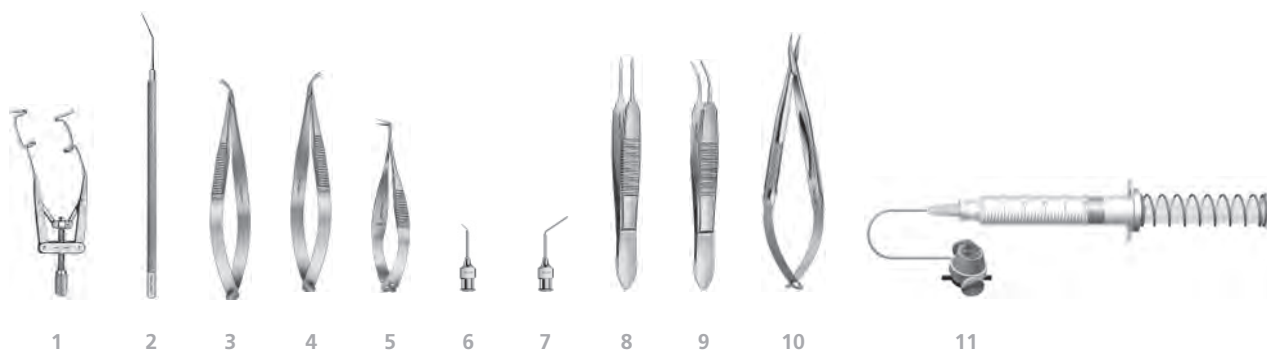
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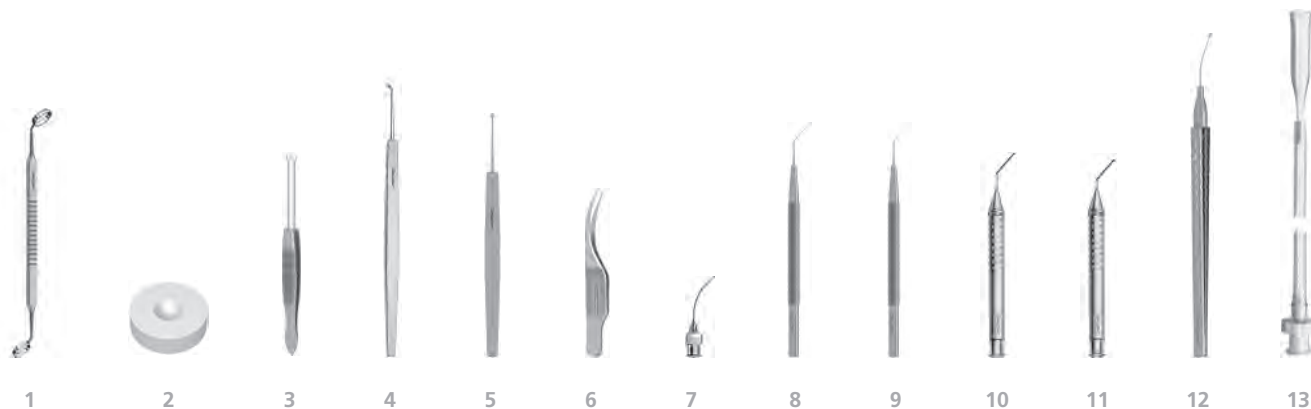
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1 <b>G-15960</b> <i>LIEBERMANN-TENNANT EYE SPECULUM</i> .....	25	7 <b>G-38602</b> <i>NEUHANN IRRIGATION DESCEMET SCRAPER</i> .....	202
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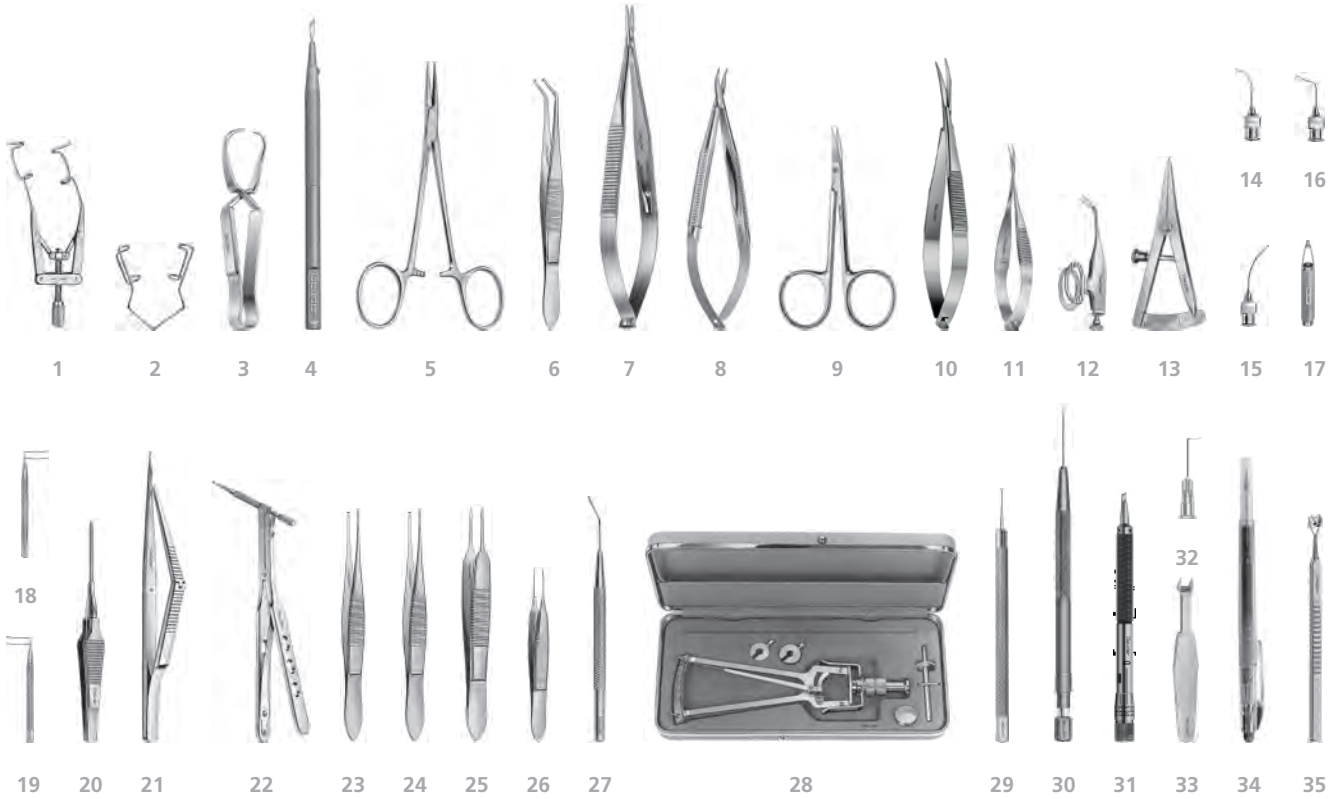
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1 <b>G-15960</b> <i>LIEBERMANN-TENNANT EYE SPECULUM</i> .....	25	7 <b>G-15312</b> <i>KRUMEICH CORNEAL IRRIGATION CANNULA</i> 23G..	197
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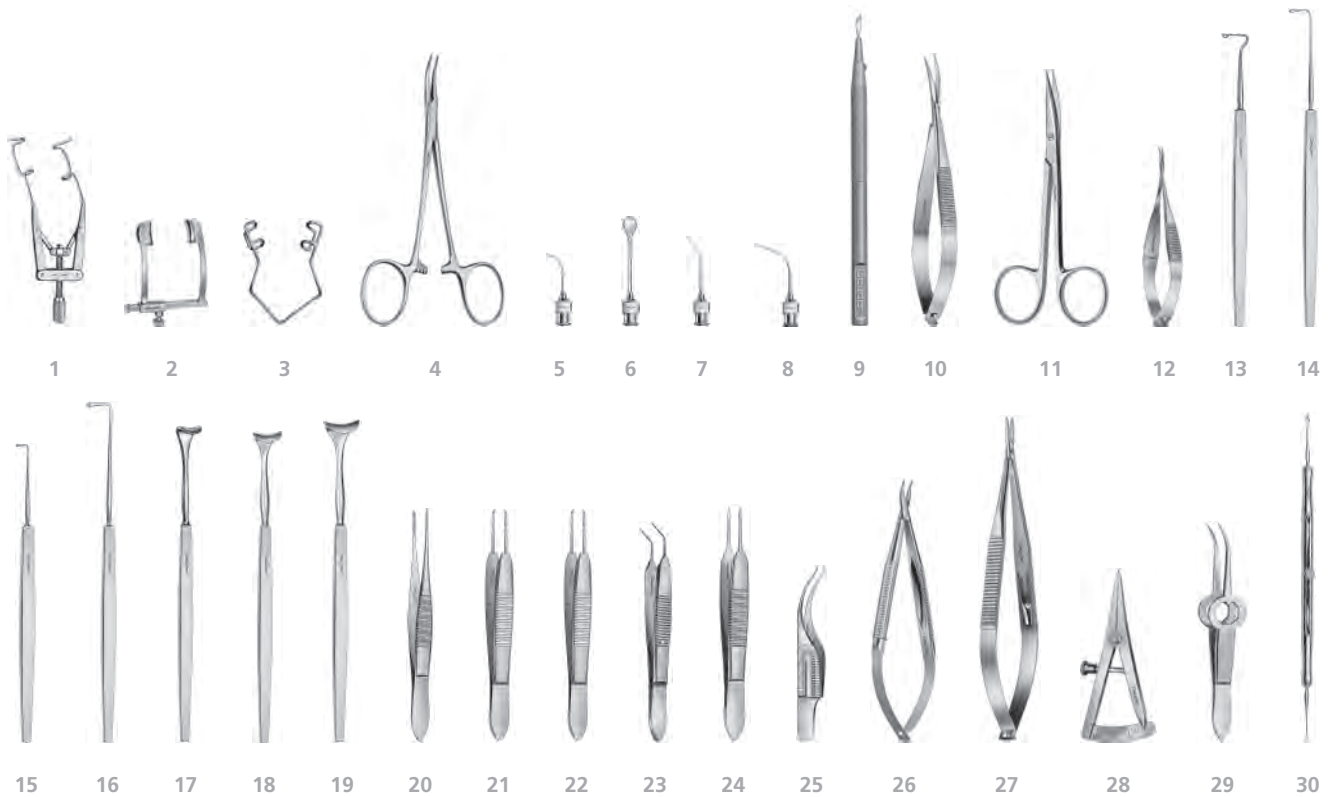
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GLAUCOMA



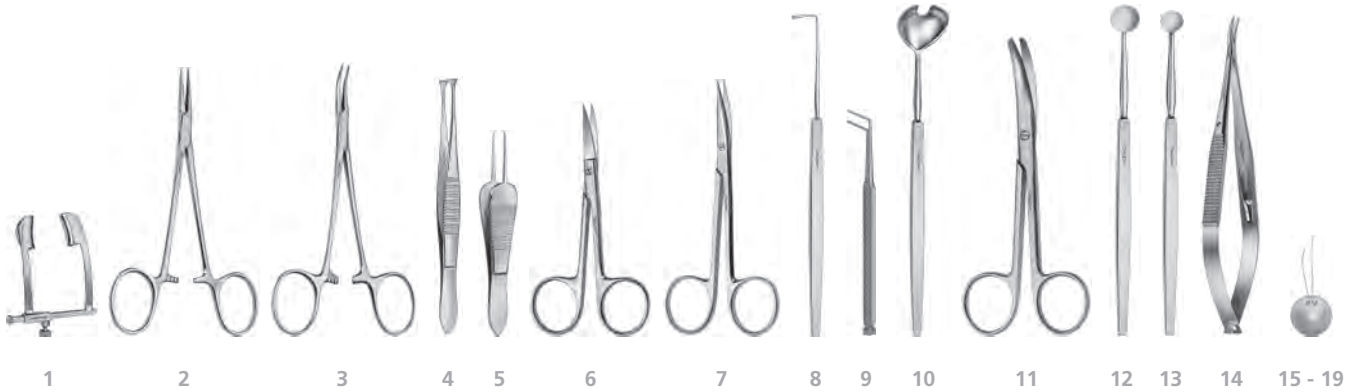
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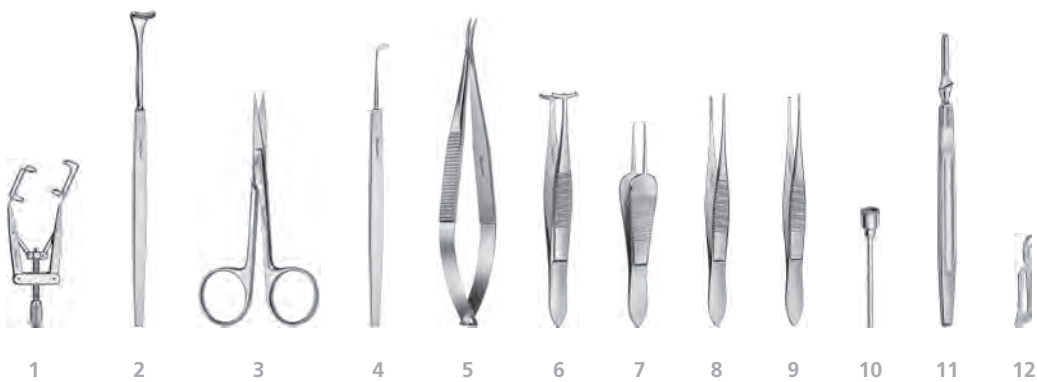
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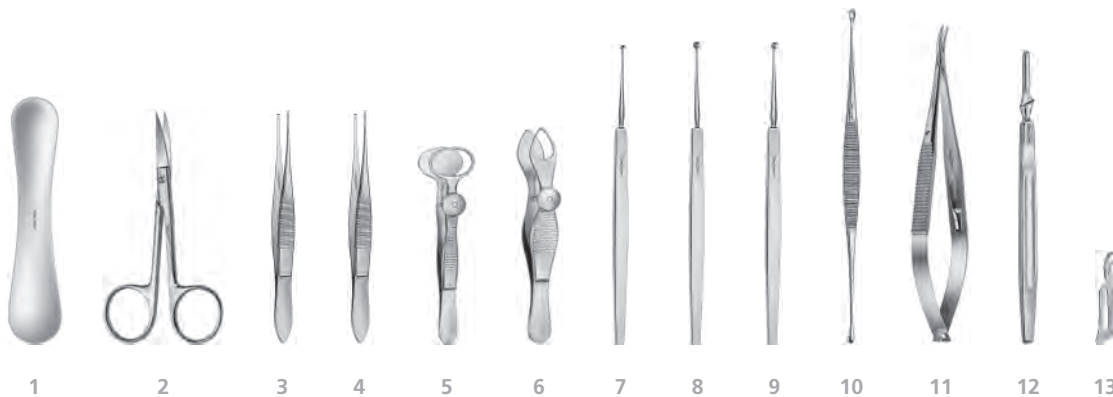


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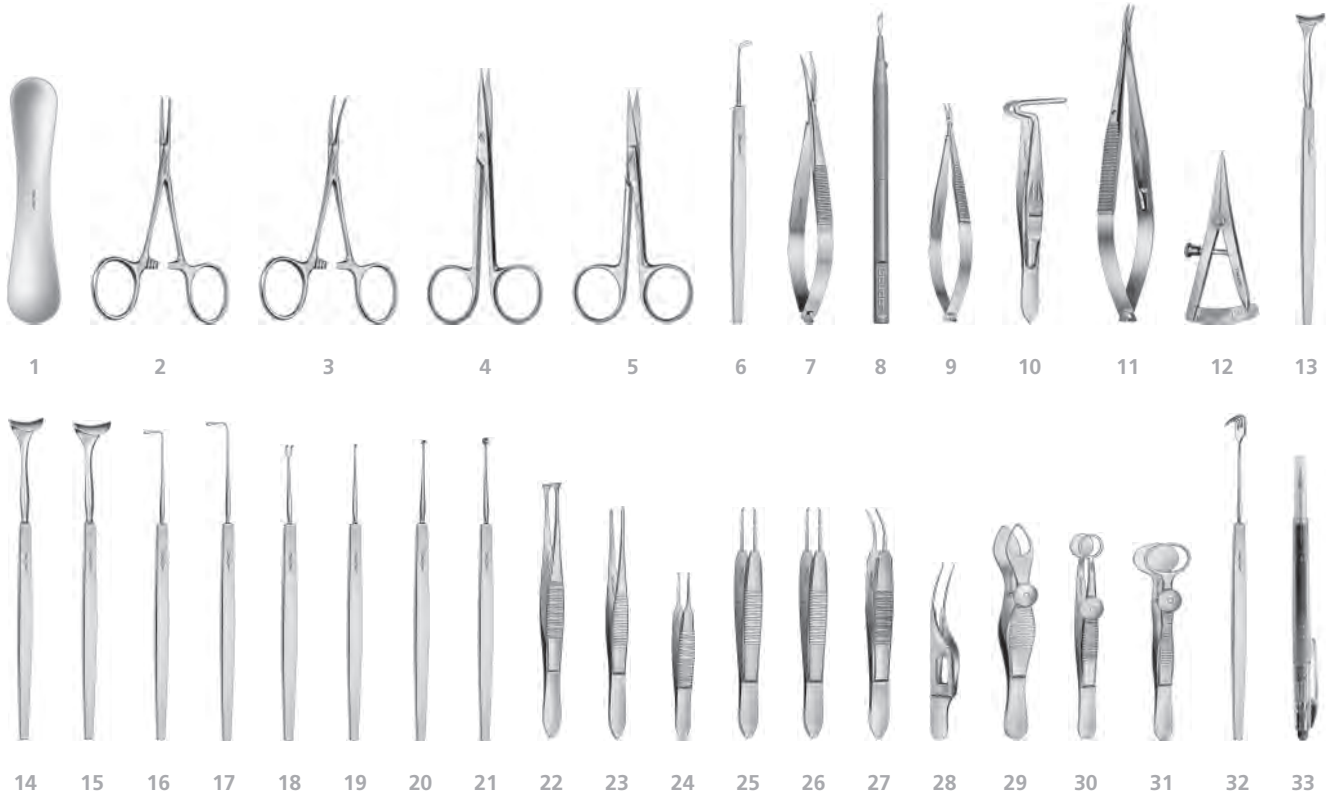
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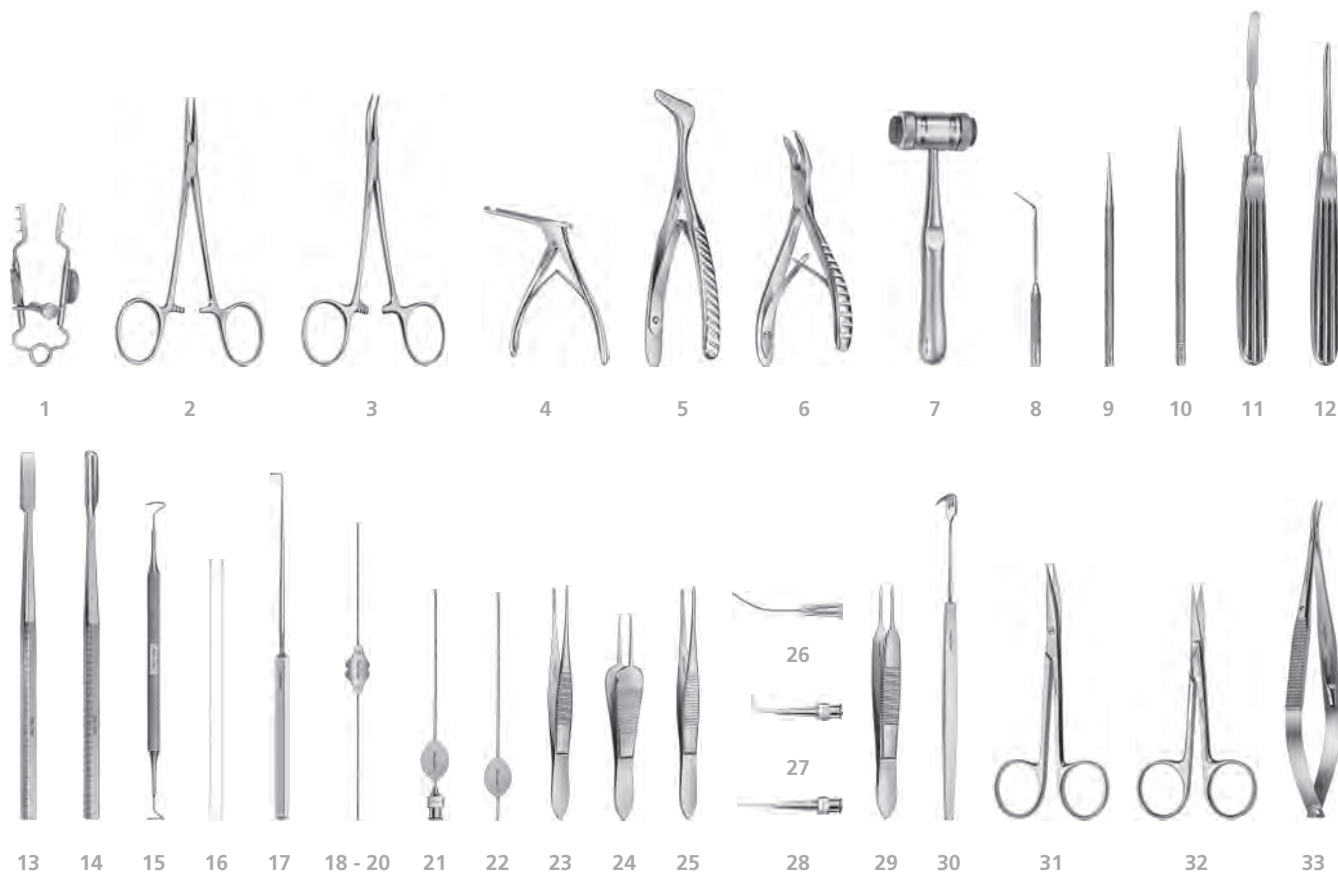
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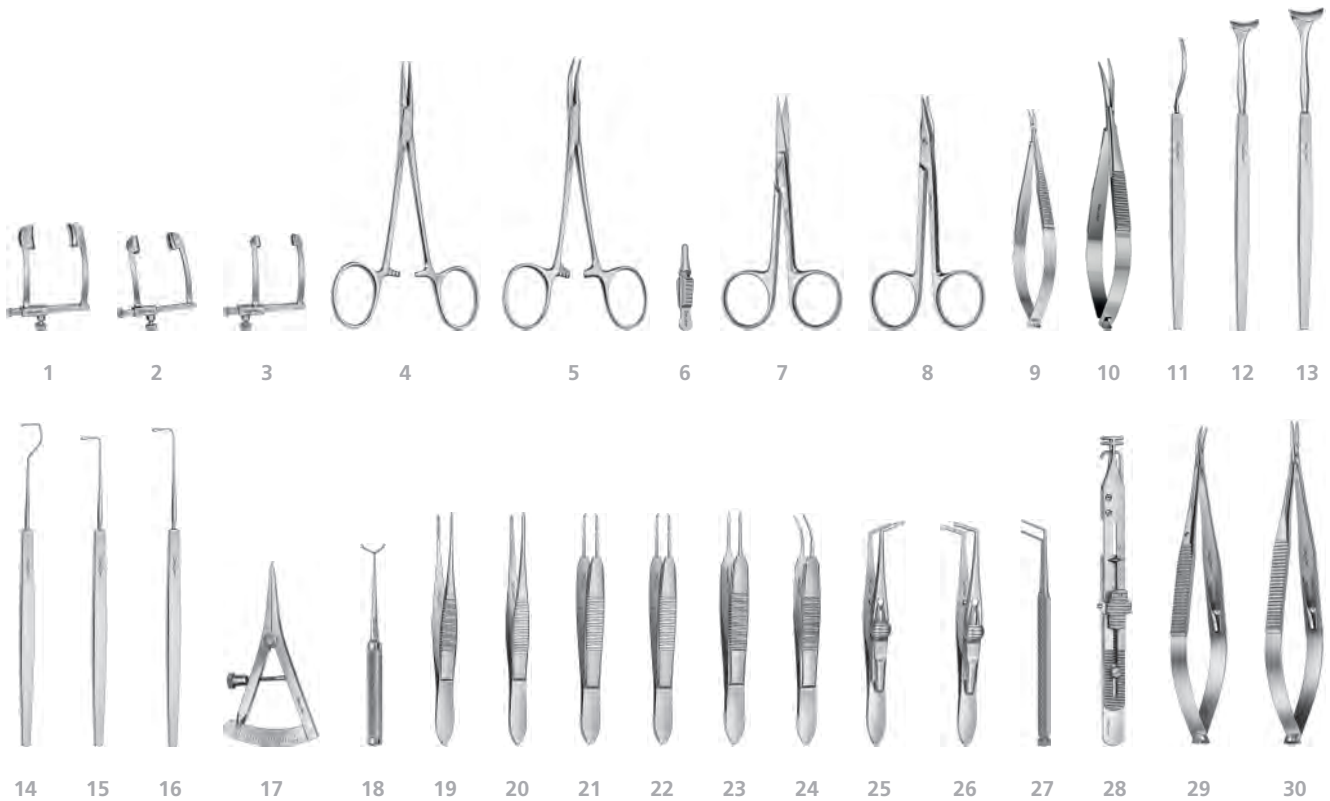
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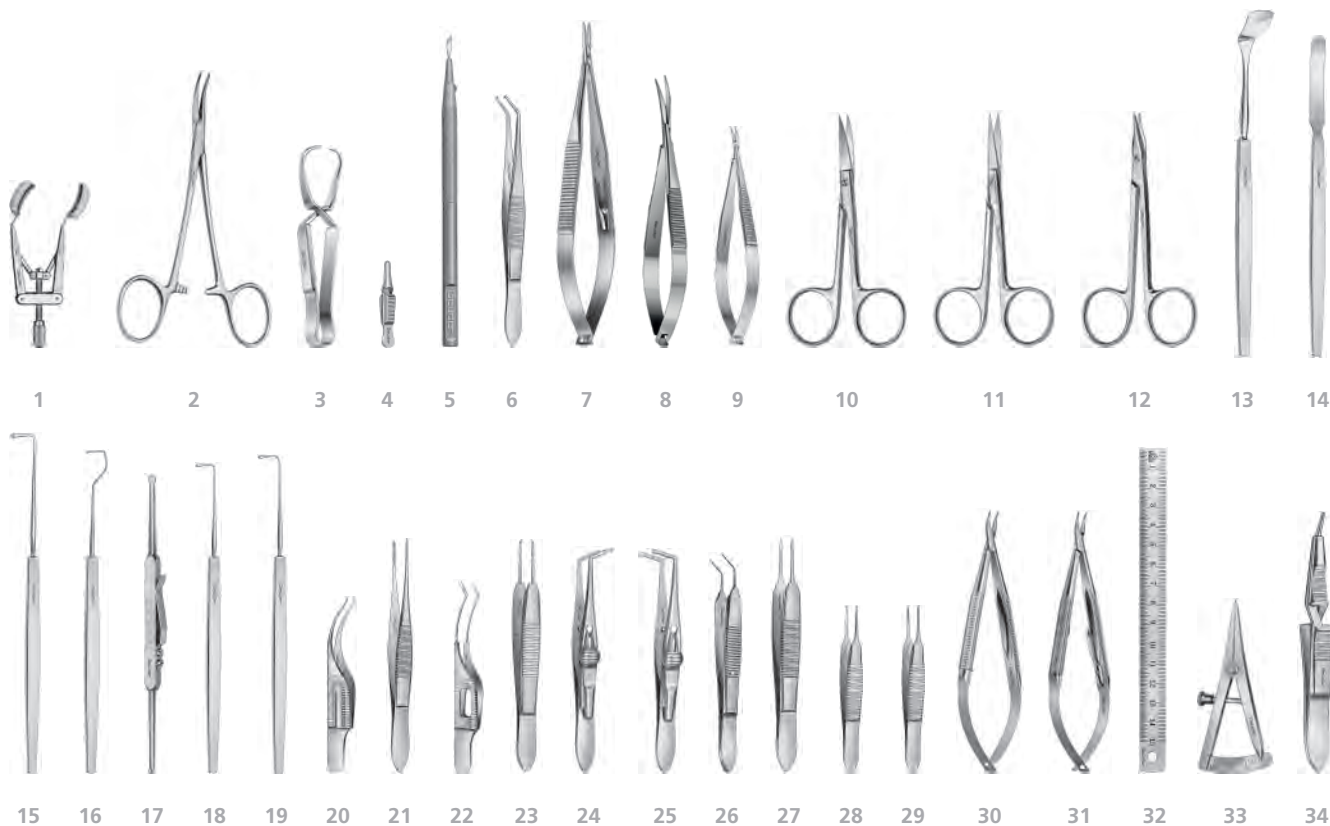
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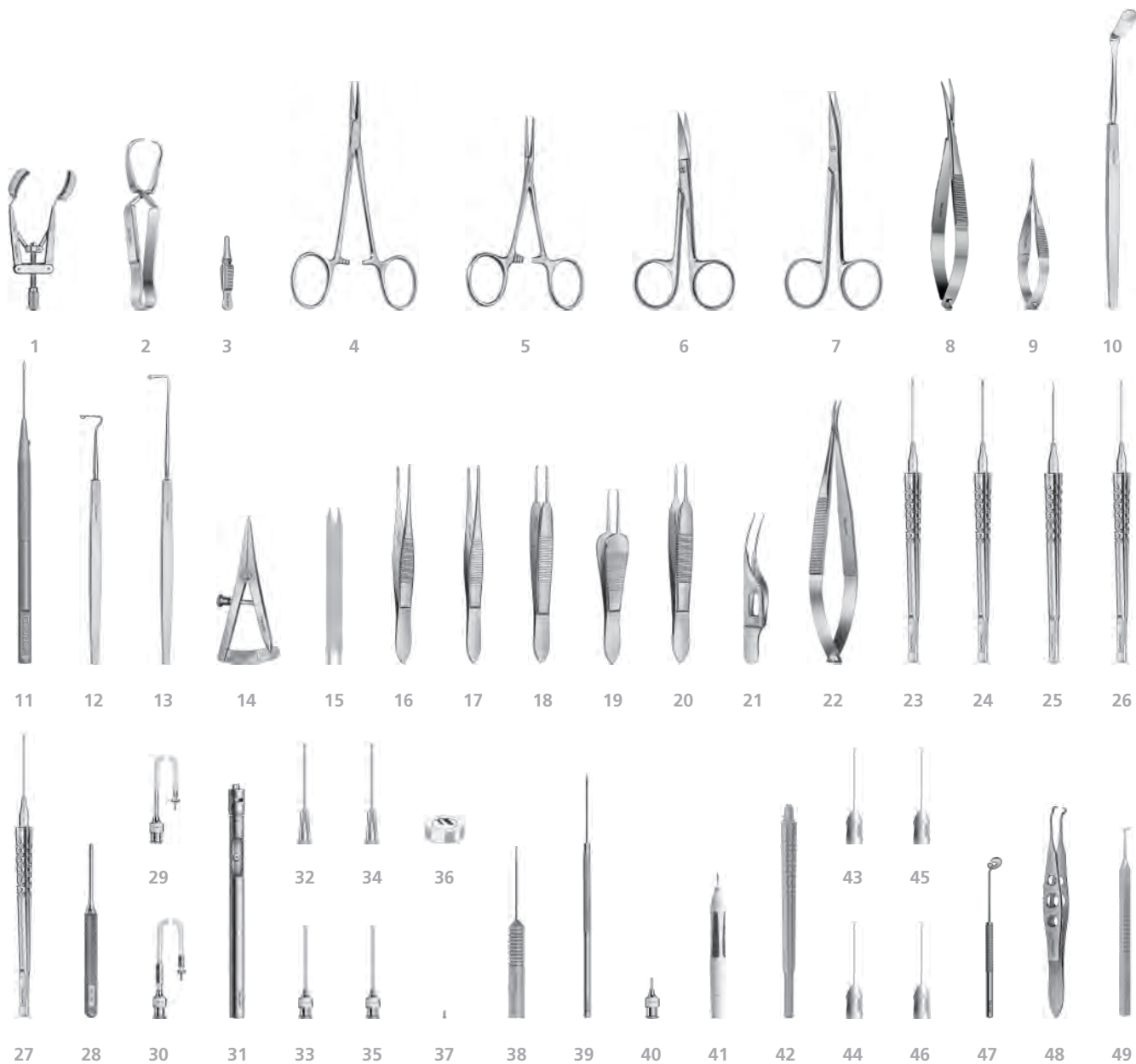
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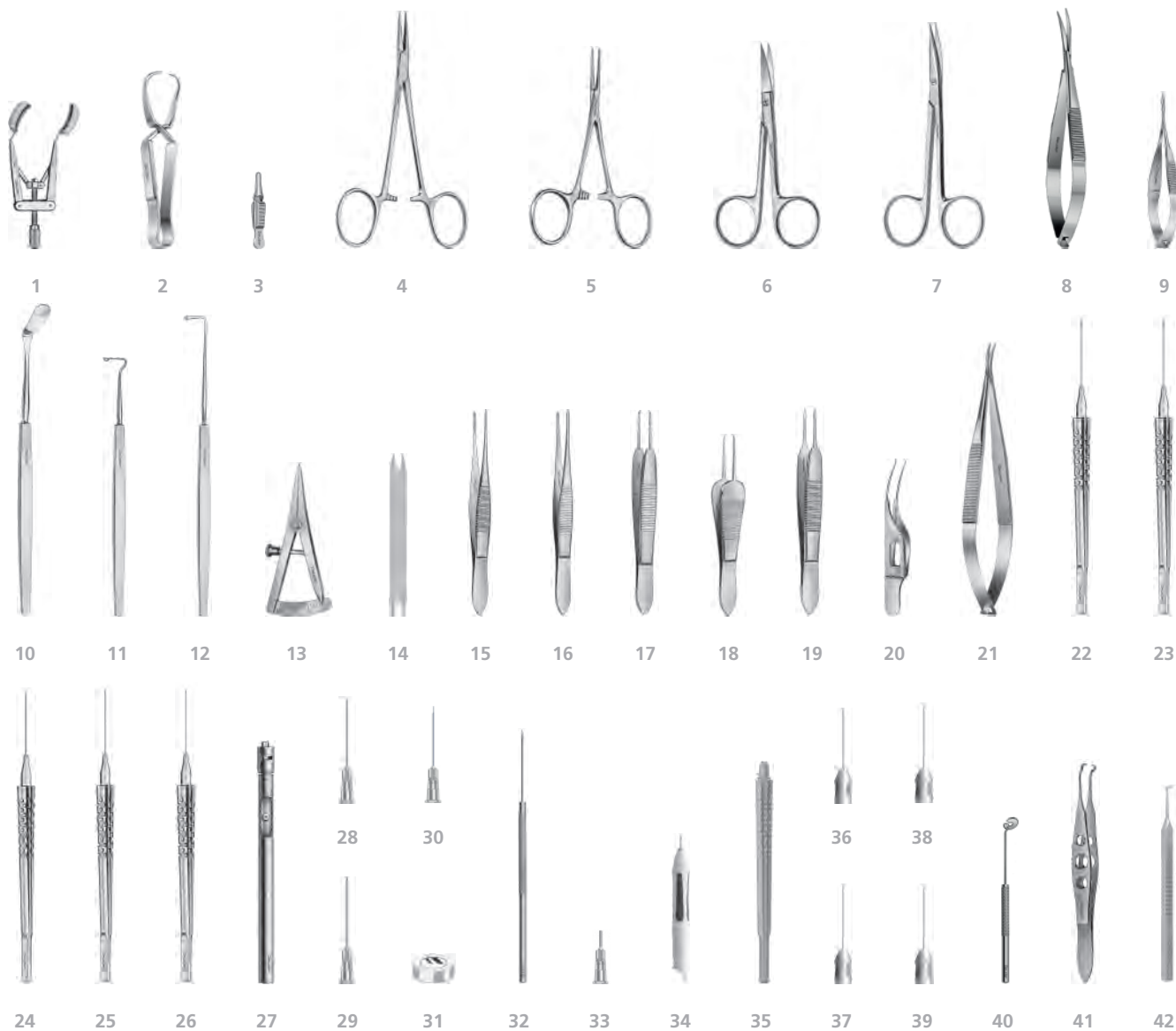
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VITRECTOMY 20G

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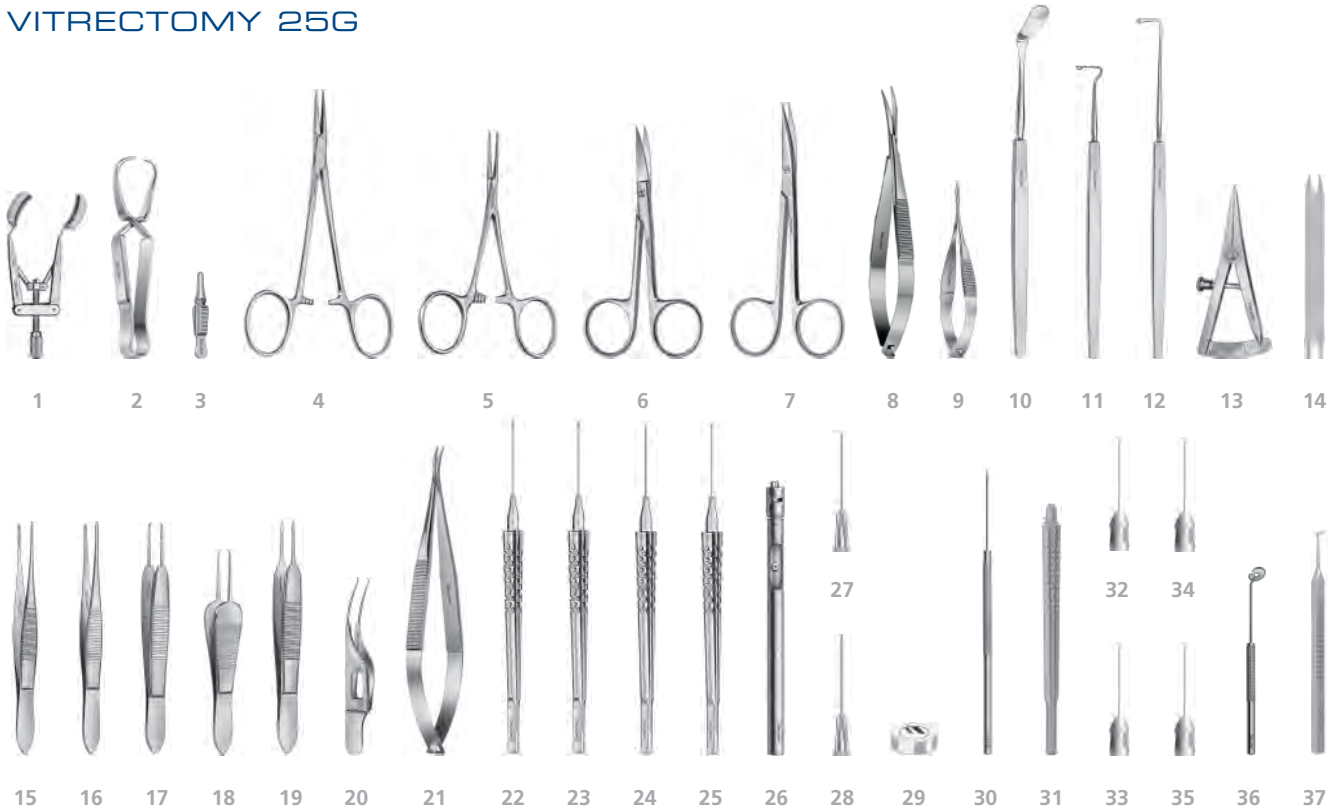


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