

11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Manipulatoren, Chopper
Fixierringe, Haken
Spatel, Schlingen

- Fixation Rings 125

Nucleus Choppers 127

Nucleus Choppers, Manipulators 128

Manipulators, Hooks 130

Nucleus Spatulas 132

Capsule Polishers 133
- Lens Loops 134

Orbital, Keratoplasty, Synechiae

Spatulas 134

Iris Spatulas 136

Enucleation 137

LASIK, DMEK, DSAEK 138

Femtosecond, LASIK Manipulators 139

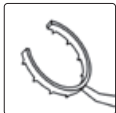
Strabismus Hooks 141

Membrane Spatulas and Peelers 143



Geuder 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Fixation Rings

G-31491	FINE - THORNTON Fixation Ring for clear cornea and refractive procedures 13 mm inside diameter, 10 mm opening 9 atraumatic teeth	 
G-33757	FINE - THORNTON Fixation Ring for clear cornea and refractive procedures swivel handle 16 mm inside diameter, 10 mm opening 12 atraumatic teeth	 
G-33758	FINE - THORNTON Fixation Ring for clear cornea and refractive procedures swivel handle 13 mm inside diameter, 10 mm opening 9 atraumatic teeth	 
G-33759	FINE - THORNTON Fixation Ring for clear cornea and refractive procedures swivel handle 13 mm inside diameter, 10 mm opening 9 atraumatic teeth, blunt	 
G-37425	Fixation, Holding and Measuring Instrument for trocar system, radius 3.5 mm	 

YAMANE
Double Needle Stabilizer
Fixation ring for intrascleral IOL fixation
with double needle technique
overall length 110 mm
for 30 Gauge needles
for 27 Gauge needles

FLIERINGA
Scleral Fixation Ring

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

GS-32505
THOMAS NEUHANN
Nucleus Dividing Hook
for vertical chopping techniques
0.5 mm wide fine tip
overall length 108 mm

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

universal
GS-31500

left hand
GS-31501

right hand
GS-31502

GS-31509
JACOBOVITZ
Multifunctional Chopper
cleaver-shaped tip
with distal nucleus chopper
and proximal retractor to manipulate,
divide and crack the nucleus
tip height 1.20 mm
tip width 0.13 mm

sharp

blunt

chop

crack

retract

GS-32500
TOBIAS NEUHANN
Chopper
paddle shape nucleus divider
0.5 mm wide tip
overall length 108 mm

side view

front view

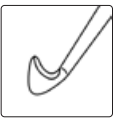
GS-32282
AGARWAL
Karate Phaco Chopper
0.9 mm long tip
0.6 mm inner edge
overall length 104 mm

Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Nucleus Choppers, Manipulators

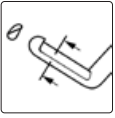
GAEFLIGER

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



NAGAHARA

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



THOMAS NEUHANN

**Nucleus Rotator and
THOMAS NEUHANN Chopper**
combination of
horizontal Y-shaped nucleus rotator
and paddle shaped nucleus divider
overall length 119 mm

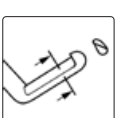
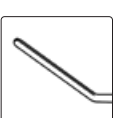


like G-32160

like G-32500

THOMAS NEUHANN

**Spatula and NAGAHARA Nucleus
Dividing Hook**
combination of
0.5 mm wide phaco spatula and
horizontal phaco chopper
overall length 116 mm

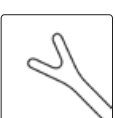


like G-16189

like G-31507

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

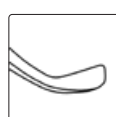
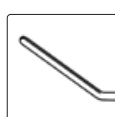
like G-32505

Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Nucleus Choppers, Manipulators

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

THOMAS NEUHANN

Iris Hook and Nucleus Dividing Hook
combination of push-pull iris hook and
NEUHANN vertical chopper
overall length 120 mm

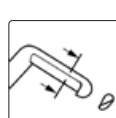


like G-16175

like G-32505

KOHLEN

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

LIEBERMAN

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



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



Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops
Manipulators, Hooks

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-16166	SINSKEY Marking Hook diameter 0.2 mm, round tip flat handle	
G-16167	SINSKEY Lens Manipulation Hook for 0.2 mm IOL hole 10 mm angled shaft overall length 103 mm round handle	
G-32557	BREMEN MODEL Lens Manipulator vertical Y-hook 0.15 mm diameter tip overall length 116 mm	

Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops
Manipulators, Hooks

G-32555	RENTSCH Lens Manipulator and Hook straight 0.18 mm diameter boat hook overall length 137 mm	
G-32530	FRANKFURT MODEL Manipulator straight 0.18 mm diameter lens hook overall length 137 mm	
G-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	

Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Nucleus Spatulas

GS-16193

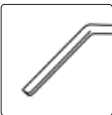
SPIRIG

Spatula

for manual lens fragmentation

0.5 mm wide nucleus bisector

overall length 110 mm



GS-32728

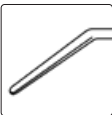
RENTSCH

Spatula

12 mm long spatula

tapered from 0.6 mm to 0.3 mm

overall length 118 mm



GS-32007

D.D. KOCH

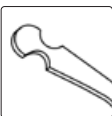
Phaco Spatula

curved with notches

duckbill

0.5 mm wide tip

overall length 105 mm



GS-32523

AMON

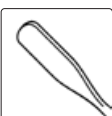
Phaco Spatula

paddle-shaped tip

0.8 mm wide x 1.6 mm long

0.2 mm thick

overall length 103 mm



GS-16189

GS-16190

Spatula

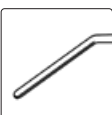
12 mm spatula

angled, 45°

overall length 108 mm

0.5 mm wide x 0.25 mm thick

1.0 mm wide x 0.25 mm thick



Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Nucleus Spatulas

GS-32724

SEKUNDO

Enclavation Spatula

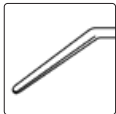
for retropupillary implantation of

Iris-Claw IOL

14 mm long spatula

tapered from 0.75 mm to 0.3 mm

overall length 118 mm



Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Capsule Polishers

GS-32563

RENTSCH

Capsule Polishing Curette

angled 135°

1.5 mm diameter tip

anterior and posterior semi-sharp edges

overall length 108 mm



GS-32564

RENTSCH

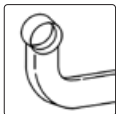
Capsule Polishing Curette

angled 90°

1.5 mm diameter tip

anterior and posterior semi-sharp edges

overall length 110 mm



Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops
Lens Loops

GS-15620

ARLT
Lens Loop
serrated, curved
3.5 mm wide
overall length 135 mm



GS-15635

SPIRIG
Lens Loop
for manual lens fragmentation
serrated, curved
2.2 mm wide
overall length 135 mm



Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops
Orbital, Keratoplasty, Synechiaie Spatulas

GS-15720
GS-15725

BANGERTER
Spatula
lightly curved
overall length 139 mm
6 mm wide
10 mm wide



GS-15750

SAUTTER
Orbital Spatula
22 x 19 mm curved plate
overall length 142 mm



Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops
Orbital, Keratoplasty, Synechiaie Spatulas

GS-32445

HAMBURG MODEL
Orbital Spatula
18 x 12 mm curved plate
overall length 145 mm



GS-32446

Orbital Spatula
18 x 8 mm curved plate
overall length 145 mm



GS-15758

Keratoplasty Spatula
perforated



GS-32727

BINKHORST
Synechiaie Spatula
10 mm long, semi-sharp
extra delicate
overall length 129 mm



GS-15475

CASTROVIEJO
Cyclodialysis Spatula
double ended, blunt
10 and 15 mm long
overall length 134 mm



Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

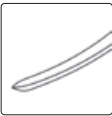
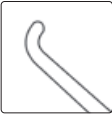
Iris Spatulas

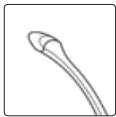
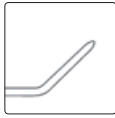
G-15400	WECKER Iris Spatula slim 1.5 mm wide, lightly curved overall length 129 mm	
G-15405	WECKER Iris Spatula wide 2.5 mm wide, lightly curved overall length 132 mm	
G-31990	WECKER Iris Spatula conical 0.9 mm wide, lightly curved overall length 134 mm	
G-32729	Iris Spatula extra delicate, conical 7 mm long spatula, angled tapers from 0.5 mm to 0.3 mm overall length 114 mm	
G-15360 G-15365 G-15370	BANGERTER Iris Spatula flat handle 8 mm long spatula, angled spatula thickness 0.25 mm overall length 125 mm 1.0 mm wide 1.5 mm wide 2.0 mm wide	

Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Enucleation

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	

GS-33930	THOMAS NEUHANN LASIK Spatula with beveled blunt tip rounded anterior and flat posterior surface for lifting the corneal flap overall length 106 mm	 
GS-38607	Descemet Incision Hook 0.2 mm diameter blunt tip for marking the area of Descemetorhexis in recipient's eye overall length 103 mm	 
GS-38608	Descemet Scraper 1 mm semi-circular tip for scraping the recipient Descemet membrane overall length 103 mm	 
GS-38622	SZURMAN DMEK Preparation Spatula disc-shaped spatula 2.5 mm diameter, blunt for removal of Descemet membrane from graft overall length 121 mm	 
GS-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	

GS-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	  
GS-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	  
GS-33954	GUELL Femto Double Instrument 1.25 mm wide spoon-shaped spatula, lightly curved hook, 2 mm long, angled overall length 113 mm to open the incision, delineate the edge of the lenticules and separate the interfaces during SMILE procedures	  

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-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-15830

MALBRAN

Strabismus Hook

9.5 mm serrated hook with right-angle

knob to prevent muscle slippage

overall length 140 mm

Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Strabismus Hooks



Geuder

BONN MODEL

Strabismus Hook

11 mm

overall length 143 mm



Geuder

BONN MODEL

Strabismus Hook

11 mm retinal detachment hook

with 1.0 mm hole

overall length 143 mm



Geuder

BONN MODEL

Strabismus Hook

curved, tenotomy hook

overall length 145 mm



Geuder

JAMESON

Strabismus Hook

11 mm, with bulbous tip

overall length 125 mm

Geuder® 11 Manipulators, Choppers, Fixation Rings, Hooks, Spatulas, Lens Loops

Membrane Spatulas and Peelers



Geuder

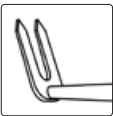
HATTENBACH

Horseshoe Hook

to pull the trocars off the lance

and to remove the trocars from the sclera

overall length 98 mm





Geuder

Membrane Spatula

subretinal pick

angled at 4 mm

20 Gauge/ 0.9 mm





Geuder

Membrane Peeler

1.0 mm angled

20 Gauge/ 0.9 mm

23 Gauge/ 0.6 mm





Geuder

Membrane Peeler

0.4 mm, recessed, angled

black chromium

23 Gauge/ 0.6 mm

25 Gauge/ 0.5 mm

