

# MAJOR ADVANTAGES IN TITANIUM INSTRUMENTS

## LIGHT WEIGHT

*45 % lighter than steel instruments - that is very important for the hands of a surgeon, which are in tension during the long operations under the microscope, requires high precision (meaning reduced trauma to delicate vessels and arteries).*

## ANTIMAGNETIC

*In contrast to stainless steel, the titanium instruments cannot be magnetic. For example, the stainless needle would not «stick» to a titanium needle holder.*

## NO RUST

## LONG LIFE

### ONV 001

Handle for Vitreoretinal Instrument for Tips with Thread



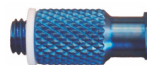
Overall length 102 mm, 4.0 inches

Possibility of working tips 360-degree turn

Titanium handle 8 mm dia

### OVC 001

Flushing Vitrio Adapter for Threaded Connection



Working length 18 mm

Titanium adapter 7.6 mm dia

Diameter of thread 5 mm

Connecting size of Luer

### OVN

INSTRUMENTS WITH NON-REMOVABLE TIPS



All instruments are available with non-removable tip

**VITREORETINAL FORCEPS**

**OV 001**

**Kershner Capsulorhexis Forceps**

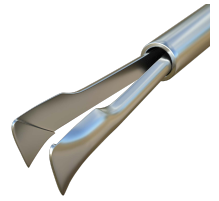
**23Ga**  
**Curved** tube 21 mm



**OV 002**

**Ikeda Capsulorhexis Forceps**

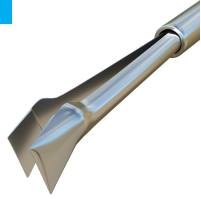
**23Ga**  
**Curved** tube 17 mm



**OV 002.01**

**Ikeda Capsulorhexis Forceps**

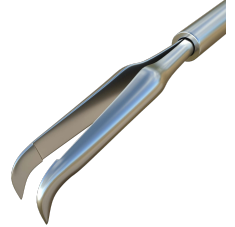
**23Ga**  
**Curved** tube 21 mm



**OV 008**

**Capsulorhexis Forceps**

**23Ga**  
**Curved** tube 21.5 mm



**OV 009**

**Capsulorhexis Forceps**

**23Ga**  
**Curved** tube 26 mm



**OV 009.01**

**Capsulorhexis Forceps**

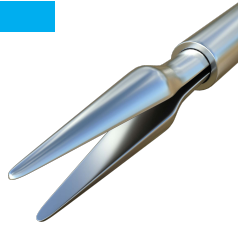
**23Ga**  
**Curved** tube 21 mm



**OV 015**

**Gripping Forceps**

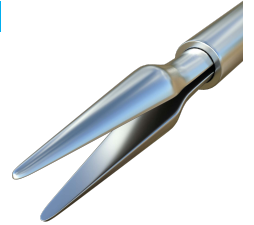
**20Ga**  
**Straight** tube 30mm  
Tips 2.2mm



**OV 015.01**

**Gripping Forceps**

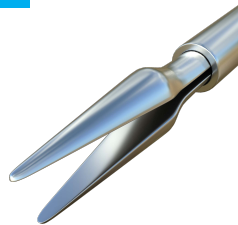
**23Ga**  
**Straight** tube 30mm  
TC tips 1.7 mm



**OV 015.02**

**Gripping Forceps**

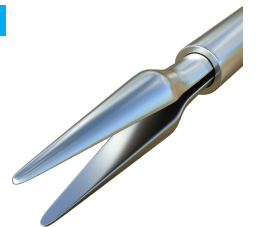
**25Ga**  
**Straight** tube 30mm  
TC tips 1.7mm



**OV 015.03**

**Gripping Forceps**

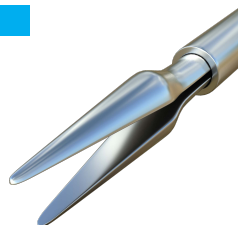
**23Ga**  
**Straight** tube 35mm  
TC tips 1.7mm



**OV 015.04**

**Gripping Forceps**

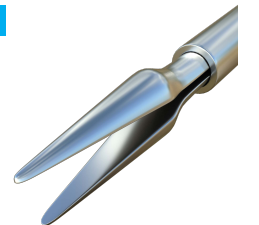
**27Ga**  
**Straight** tube 30mm  
Tips 1.6mm



**OV 016**

**Gripping Forceps**

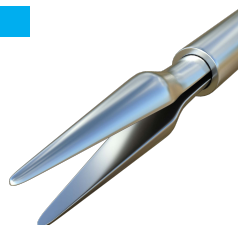
**23Ga**  
**Straight** tube 30mm  
Tips 1.7mm



**OV 016.01**

**Gripping Forceps**

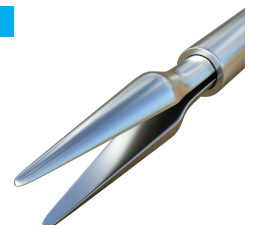
**23Ga**  
**Straight** tube 35mm  
Tips 1.7mm



**OV 017**

**Gripping Forceps**

**20Ga**  
**Straight** tube 30mm  
TC tips 3.3mm

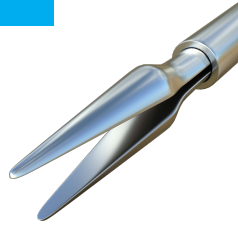


**VITREORETINAL FORCEPS**

**OV 018**

**Gripping Forceps**

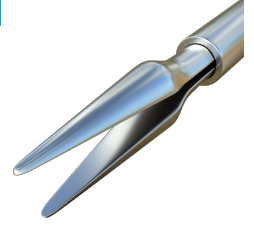
**23Ga**  
Straight tube 30mm  
Tips 2.5mm



**OV 019**

**Forceps for Anterior Capsule of Crystalline Lens**

**23Ga**  
Curved tube 18mm  
Tips 1.15mm



**OV 019.01**

**Gripping Forceps for SMILE / FEMTO**

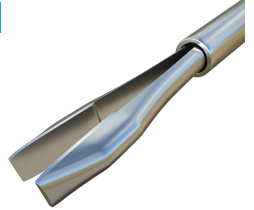
**23Ga**  
Curved tube 18.5mm  
Tips 1.7mm



**OV 021**

**Gripping Forceps with Platform**

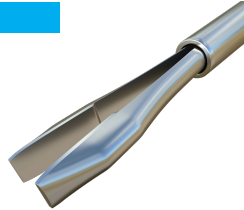
**20Ga**  
Straight tube 30mm  
TC platforms 1.6mm



**OV 021.01**

**Gripping Forceps with Platform**

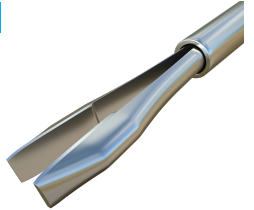
**23Ga**  
Straight tube 30mm  
Platforms 1.2mm



**OV 021.02**

**Gripping Forceps with Platform**

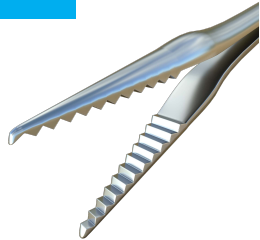
**25Ga**  
Straight tube 21 mm  
Platforms 1.2mm



**OV 035**

**Gripping Forceps Crocodile Type**

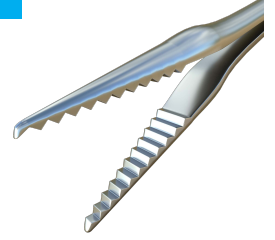
**20Ga**  
Straight tube 30mm  
Tips 2.2mm



**OV 035.01**

**Gripping Forceps Crocodile Type**

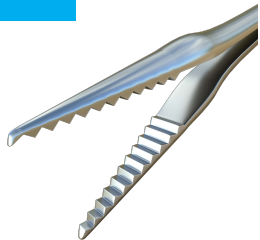
**23Ga**  
Straight tube 30mm  
Tips 2.2mm



**OV 036**

**Gripping Forceps Crocodile Type**

**20Ga**  
Straight tube 30mm  
Tips 3.3mm



**OV 036.01**

**Gripping Forceps Crocodile Type**

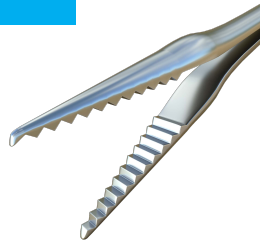
**23Ga**  
Straight tube 30mm  
Tips 2.5mm



**OV 036.02**

**Gripping Forceps Crocodile Type**

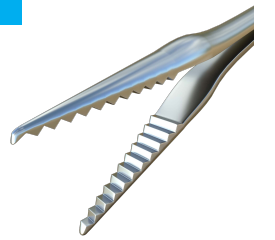
**25Ga**  
Straight tube 30mm  
Tips 2.0mm



**OV 036.03**

**Gripping Forceps Crocodile Type**

**23Ga**  
Straight tube 35mm  
Tips 2.2mm



**OV 036.04**

**Gripping Forceps Crocodile Type**

**25Ga**  
Straight tube 35mm  
Tips 2.2mm



**OV 036.05**

**Gripping Forceps Crocodile Type**

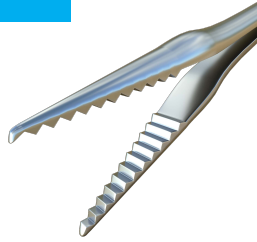
**27Ga**  
Straight tube 30mm  
Tips 2.1mm



**OV 036.06**

**Gripping Forceps Crocodile Type**

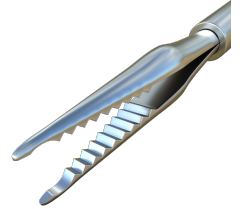
**18Ga**  
Straight tube 30mm  
Tips 5.8mm



**OV 038**

**Gripping Forceps Crocodile Type**

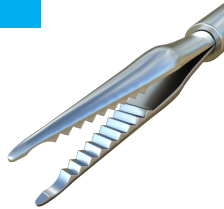
**20Ga**  
Straight tube 30mm  
Tips 3.3mm



**OV 038.01**

**Gripping Forceps Crocodile Type**

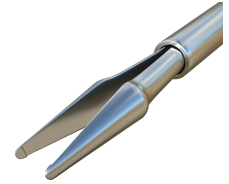
**23Ga**  
Straight tube 30mm  
Tips 2.5mm



**OV 052**

**Gripping Forceps with Platform**

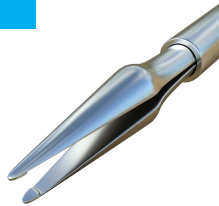
**20Ga**  
Straight tube 30mm  
Tips 2.2mm  
Platforms 0.3mm



**OV 053**

**Gripping Forceps with Platform**

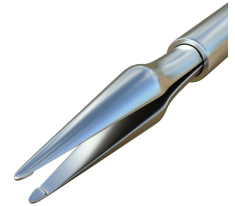
**23Ga**  
Straight tube 30mm  
Tips 1.7mm  
Platforms 0.12mm



**OV 053.01**

**Gripping Forceps with Platform**

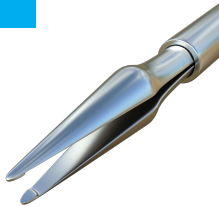
**25Ga**  
Straight tube 30mm  
Tips 1.7mm  
Platforms 0.12mm



**OV 053.02**

**Gripping Forceps with Platform**

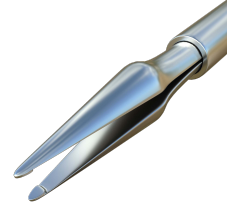
**23Ga**  
Straight tube 35mm  
Tips 1.7mm  
Platforms 0.12mm



**OV 053.03**

**Gripping Forceps with Platform**

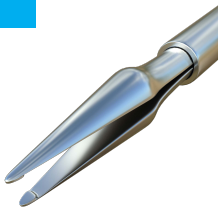
**25Ga**  
Straight tube 35mm  
Tips 1.7mm  
Platforms 0.12mm



**OV 054**

**Gripping Forceps with Platform**

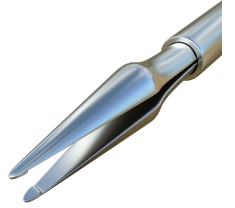
**20Ga**  
Straight tube 30mm  
Tips 3.3mm  
Platforms 0.2mm



**OV 054.02**

**Gripping Forceps with Platform**

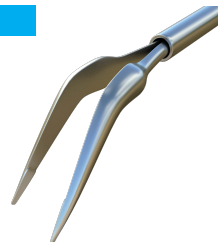
**25Ga**  
Straight tube 30mm  
Tips 2.7mm  
Platforms 0.2mm



**OV 056**

**Gripping Subretinal Forceps with Platform**

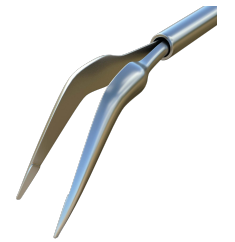
**23Ga**  
Straight tube 30mm  
Tips 2.1mm  
Platforms 0.85mm



**OV 056.01**

**Gripping Subretinal Forceps with Platform**

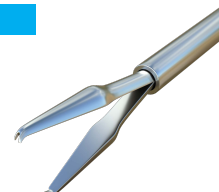
**25Ga**  
Straight tube 30mm  
Tips 2.1mm  
Platforms 0.85mm



**OV 060**

**Gripping Forceps with Microteeth**

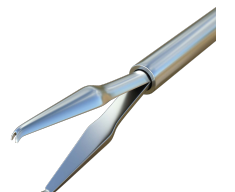
**20Ga**  
Straight tube 30mm  
Tips 2.2mm  
0.08mm teeth



**OV 060.01**

**Gripping Forceps with Microteeth**

**23Ga**  
Straight tube 30mm  
Tips 2.0mm  
0.08mm teeth

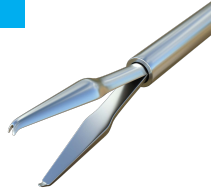


**VITREORETINAL FORCEPS**

**OV 060.02**

**Gripping Forceps with Microteeth**

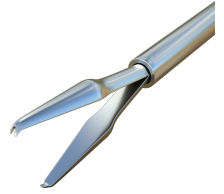
**25Ga**  
Straight tube 30mm  
Tips 2.0mm  
0.08mm teeth



**OV 061**

**Gripping Forceps with Microteeth**

**20Ga**  
Straight tube 30mm  
Tips 3.3mm  
0.08mm teeth



**OV 062**

**Gripping Asymmetric Forceps with Microteeth**

**23Ga**  
Straight tube 30mm  
Tips 2.5mm  
0.2/0.15mm teeth



**OV 065**

**Forceps for Removal of Foreign Bodies**

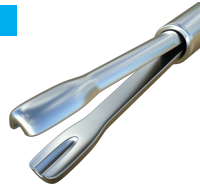
**20Ga**  
Straight tube 30mm  
Tips 1.3mm



**OV 065.01**

**Forceps for Removal of Foreign Bodies**

**20Ga**  
Straight tube 30mm  
Tips 1.5mm



**OV 066**

**Forceps for Removal of Foreign Bodies**

**18Ga**  
Straight tube 30mm  
Tips 1.6mm



**OV 067**

**Forceps for Removal of Foreign Bodies**

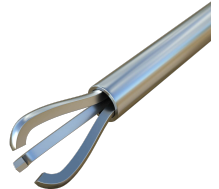
**20Ga**  
Straight tube 30mm  
Tips 1.9mm



**OV 068**

**Forceps for Removal of Foreign Bodies**

**18Ga**  
Straight tube 30mm  
Tips 2.5mm



**OV 070**

**Gripping Forceps for IOL**

**20Ga**  
Straight tube 30mm  
Tips 1.1mm



**OV 071**

**Forceps for Removal of Foreign Bodies**

**20Ga**  
Straight tube 30mm  
Tips 2.0mm



**OV 073**

**ILM Forceps**

**23Ga**  
Straight tube 30mm  
Tips 3.6mm



**OV 073.01**

**ILM Forceps**

**25Ga**  
Straight tube 30mm  
Tips 3.3mm



**OV 073.02**

**ILM Forceps**

**23Ga**  
Straight tube 35mm  
Tips 2.5mm



**OV 073.03**

**ILM Forceps**

**25Ga**  
Straight tube 35mm  
Tips 2.5mm



**VITREORETINAL FORCEPS**

**OV 073.04**

**ILM Forceps**

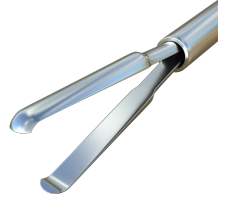
**27Ga**  
**Straight** tube  
30mm Tips 2.5mm



**OV 090**

**Gripping Forceps with Nail-Shaped Jaws**

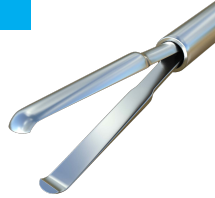
**20Ga**  
**Straight** tube 30mm  
Tips 3.3mm



**OV 090.01**

**Gripping Forceps with Nail-Shaped Jaws**

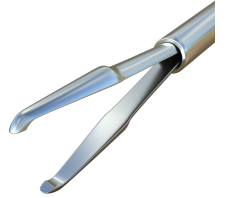
**23Ga**  
**Straight** tube 33mm  
Tips 2.8mm



**OV 090.02**

**Gripping Forceps with Nail-Shaped Jaws**

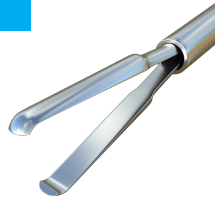
**20Ga**  
**Straight** tube 30mm  
Tips 2.5mm



**OV 090.03**

**Gripping Forceps with Nail-Shaped Jaws**

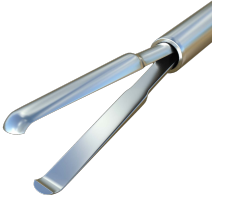
**23Ga**  
**Straight** tube 29mm  
Tips 2.5mm



**OV 090.04**

**Gripping Forceps with Nail-Shaped Jaws**

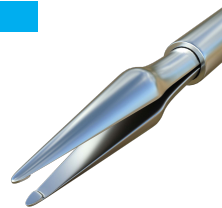
**25Ga**  
**Straight** tube 30mm  
Tips 2.3mm



**OV 093**

**Gripping Forceps with Platform**

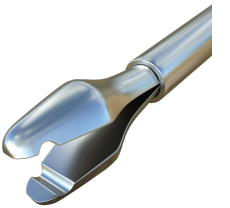
**23Ga**  
**Straight** tube 30mm  
Tips 1.7mm  
Platforms 0.15mm



**OV 095**

**Busin Forceps**

**20Ga**  
**Curved** tube 23mm  
Tips 2.2mm



**OV 095.01**

**Busin Forceps**

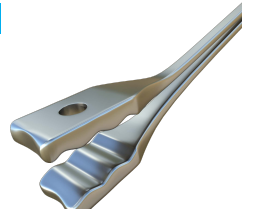
**23Ga**  
**Curved** tube 23mm  
Tips 1.1mm



**OV 096**

**ICL Forceps**

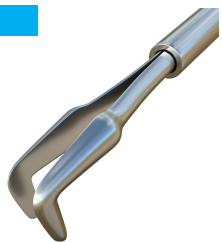
**20Ga**  
**Straight** tube 36mm  
Tips 3.2mm



**OV 097**

**Forceps**

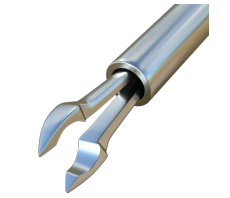
**23Ga**  
**Curved** tube 21mm  
Tips 1.3mm



**OV 098**

**Forceps**

**25Ga**  
**Straight** tube 34mm  
Tips 0.9mm



**OV 099**

**ILM Forceps**

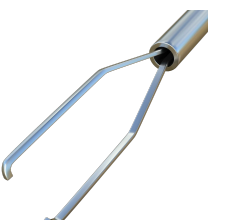
**25Ga**  
**Straight** tube 35mm  
Tips 2.6mm



**OV 099.01**

**ILM Forceps**

**23Ga**  
**Straight** tube 35mm  
Tips 2.6mm



## VITREORETINAL FORCEPS

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**OV 300**

**ICL Forceps**

**20Ga**

**Straight tube 35mm**

**Tips 3.5mm**



**OV 301**

**ICL Forceps**

**20Ga**

**Straight tube 36mm**

**Tips 2.3mm**



**OV 200**

**Retinal Nail**

**0.9mm dia**



**VITREORETINAL SCISSORS**

**OV 100**

**Scissors Straight**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 2.9mm



**OV 100.01**

**Scissors Straight**

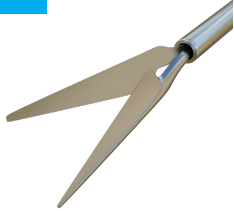
**23a**  
**Curved** tube 18mm  
Sharp blades 1.7mm



**OV 100.02**

**Scissors Straight**

**20Ga**  
**Curved** tube 30mm  
Sharp blades 2.9mm



**OV 100.03**

**Scissors Straight**

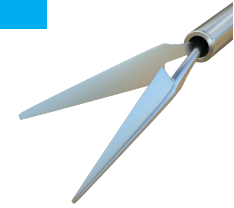
**23Ga**  
**Straight** tube 30mm  
Sharp blades 1.7mm



**OV 101**

**Scissors Straight**

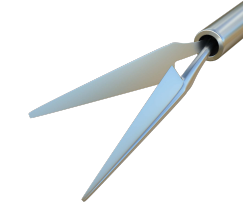
**20Ga**  
**Straight** tube 30mm  
Sharp blades 3.6mm



**OV 101.01**

**Scissors Straight**

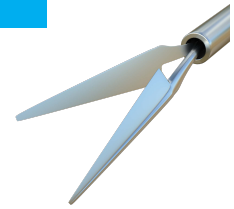
**23Ga**  
**Straight** tube 30mm  
Sharp blades 2.3mm



**OV 101.05**

**Scissors Straight**

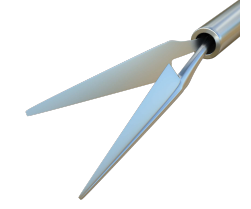
**25Ga**  
**Straight** tube 30mm  
Sharp blades 2.3mm



**OV 101.06**

**Scissors Straight**

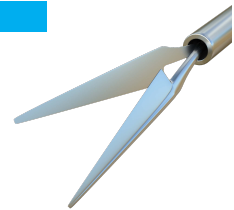
**27Ga**  
**Straight** tube 30mm  
Sharp blades 2.2mm



**OV 102**

**Scissors Straight**

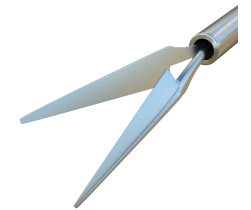
**20Ga**  
**Straight** tube 30mm  
Blunt blades 3.6mm



**OV 102.01**

**Scissors Straight**

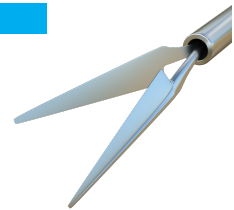
**23Ga**  
**Straight** tube 30mm  
Blunt blades 2.3mm



**OV 102.02**

**Scissors Straight**

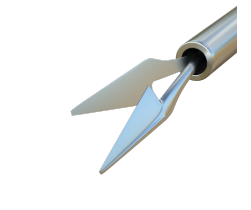
**25Ga**  
**Straight** tube 30mm  
Blunt blades 2.1mm



**OV 104**

**Scissors Straight for Anterior Chamber of Crystalline Lens**

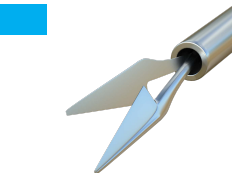
**20Ga**  
**Curved** tube 22mm  
Sharp blades 1.9mm



**OV 104.01**

**Scissors Straight for Anterior Chamber of Crystalline Lens**

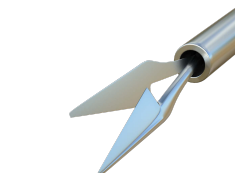
**23Ga**  
**Curved** tube 22mm  
Sharp blades 1.9mm



**OV 104.02**

**Scissors Straight for Anterior Chamber of Crystalline Lens**

**25Ga**  
**Straight** tube 22mm  
Sharp blades 1.9mm



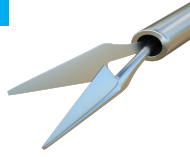


**VITREORETINAL SCISSORS**

**OV 105**

**Scissors Straight**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 2.4mm



**OV 107**

**Scissors**

**23a**  
**Straight** tube 30mm  
Sharp blades 1.6mm



**OV 107.01**

**Scissors**

**25Ga**  
**Straight** tube 30mm  
Sharp blades 1.4mm



**OV 107.02**

**Scissors Straight**

**27Ga**  
**Straight** tube 30mm  
Sharp blades 1.4mm



**OV 108**

**Lens Cutter**

**18Ga**  
**Curved** tube 19mm  
Sharp blades 4.8mm



**OV 110**

**Scissors with Falcated Tip**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 2.6mm



**OV 110.01**

**Scissors with Falcated Tip**

**23Ga**  
**Straight** tube 30mm  
Sharp blades 2.3mm



**OV 110.02**

**Scissors with Falcated Tip**

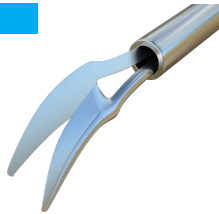
**25Ga**  
**Straight** tube 30mm  
Sharp blades 1.8mm



**OV 111**

**Scissors with Falcated Tip**

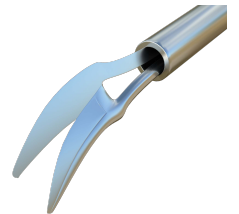
**20Ga**  
**Straight** tube 30mm  
Sharp blades 2.0mm



**OV 111.01**

**Scissors with Falcated Tip**

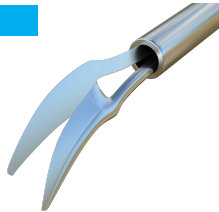
**23Ga**  
**Straight** tube 30mm  
Sharp blades 1.4mm



**OV 112**

**Scissors Straight**

**23Ga**  
**Straight** tube 30mm  
Blunt blades 2.0mm



**OV 120**

**Horizontal Symmetrical Scissors**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.4mm



**OV 120.01**

**Horizontal Symmetrical Scissors**

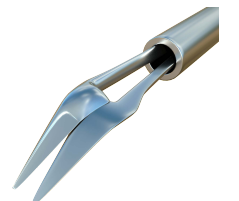
**23Ga**  
**Straight** tube 30mm  
Sharp blades 1.0mm



**OV 121**

**Horizontal Symmetrical Scissors**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.7mm

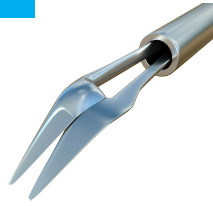


**VITREORETINAL SCISSORS**

**OV 122**

**Horizontal Symmetrical Scissors**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.3mm



**OV 123**

**Horizontal Symmetrical Scissors**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.7mm



**OV 123.01**

**Horizontal Symmetrical Scissors**

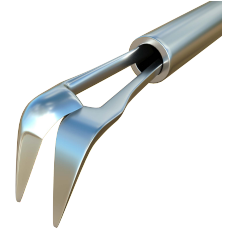
**23Ga**  
**Straight** tube 30mm  
Sharp blades 1.3mm



**OV 125**

**Horizontal Symmetrical Scissors**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.3mm



**OV 126**

**Horizontal Symmetrical Scissors**

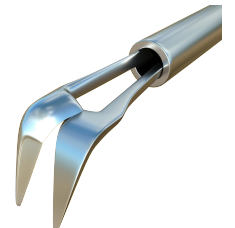
**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.7mm



**OV 126.01**

**Horizontal Symmetrical Scissors**

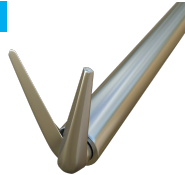
**23Ga**  
**Straight** tube 30mm  
Sharp blades 1.2mm



**OV 137**

**Horizontal Scissors**

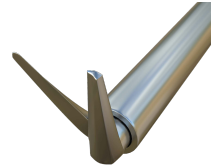
**23Ga**  
**Straight** tube 30mm  
Sharp blades 1.4mm



**OV 142.01**

**Horizontal Scissors**

**23Ga**  
**Straight** tube 30mm  
Sharp blades 1.8mm



**OV 150**

**Vertical Scissors**

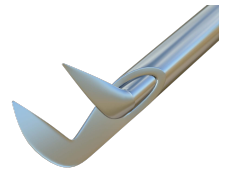
**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.5mm



**OV 151**

**Vertical Scissors**

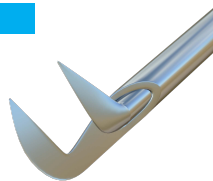
**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.5mm



**OV 152**

**Vertical Scissors**

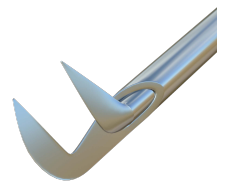
**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.5mm



**OV 152.01**

**Vertical Scissors**

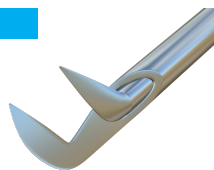
**23a**  
**Straight** tube 30mm  
Sharp blades 1.1mm



**OV 158**

**Horizontal Symmetrical Scissors**

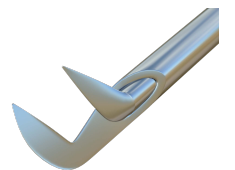
**23Ga**  
**Straight** tube 30mm  
Blunt blades 0.8mm



**OV 160**

**Horizontal Symmetrical Scissors**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 1.1mm

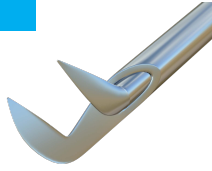


**VITREORETINAL SCISSORS**

**OV 160.01**

**Vertical Scissors**

**23Ga**  
**Straight** tube 30mm  
Sharp blades 0.8mm



**OV 165**

**Vertical Scissors**

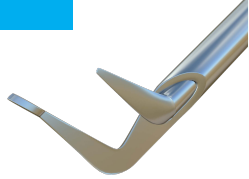
**23Ga**  
**Straight** tube 30mm  
Blunt blades 1.1mm



**OV 169**

**Vertical Scissors**

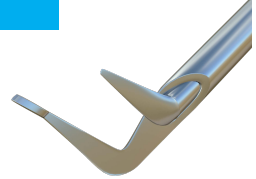
**20Ga**  
**Straight** tube 30mm  
Blunt blades 1.5mm



**OV 169.01**

**Vertical Scissors**

**23Ga**  
**Straight** tube 30mm  
Blunt blades 1.1mm



**OV 170**

**Subretinal Scissors Curved  
by R12**

**20Ga**  
**Straight** tube 30mm  
Sharp blades 2.9mm



**OV 170.01**

**Subretinal Scissors Curved  
by R8**

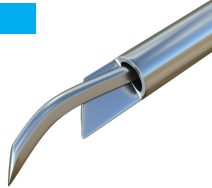
**23Ga**  
**Straight** tube 30mm  
Sharp blades 2.9mm



**OV 172**

**Kusaka Vertical Scissors**

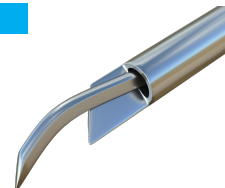
**23Ga**  
**Straight** tube 30mm  
Sharp blades 2.2mm



**OV 172.01**

**Kusaka Vertical Scissors**

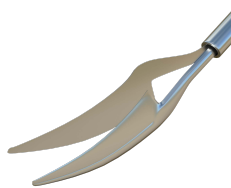
**25Ga**  
**Straight** tube 30mm  
Sharp blades 2.2mm



**OV 180R**

**Capsulotomy Scissors Right**

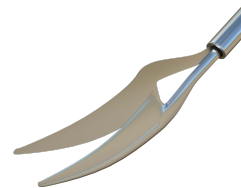
**20Ga**  
**Curved** tube 25mm  
Sharp blades 2.0mm



**OV 180L**

**Capsulotomy Scissors Left**

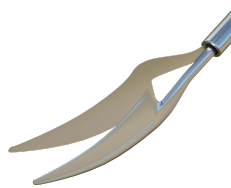
**20Ga**  
**Curved** tube 25mm  
Sharp blades 2.0mm



**OV 180.01R**

**Capsulotomy Scissors Right**

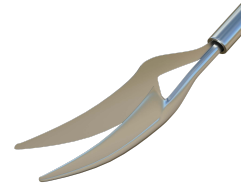
**23Ga**  
**Curved** tube 30mm  
Sharp blades 1.4mm



**OV 180.01L**

**Capsulotomy Scissors Left**

**23Ga**  
**Curved** tube 30mm  
Sharp blades 1.4mm



**OV 184**

**Vertical Scissors**

**25Ga**  
**Straight** tube 30mm  
Sharp blades 1.5mm

