



Duckworth & Kent

Titanium Reusable Ophthalmic Instrument Manufacturer

Product Catalogue



Keeping Surgeons **at the Leading Edge** of Ophthalmology

Duckworth & Kent

With over 60 years of engineering expertise, Duckworth & Kent are a world-renowned leader in the manufacture of titanium, reusable ophthalmic instruments.

Located at our headquarters in England, we combine innovative design and cutting-edge technology to manufacture precision instruments which exhibit premium quality and are extremely durable.

Our design engineers are in the unique position of being directed and supported by our Chairman who has decades of experience in the medical profession as an ophthalmic surgeon.

Exceptionally high standards are part of our company ethos, from the inspection and packaging of our ophthalmic instruments, to our fastidious regulatory department providing advice on all matters pertaining to our medical devices.

All of this is complimented by our friendly, knowledgeable and responsive Customer Service Team. Ordering our instruments has never been easier...

Get in touch with Duckworth & Kent

For further information about our current range of ophthalmic instruments and services, visit our website or contact us directly.

Duckworth & Kent Ltd.
Terence House
7 Marquis Business Centre
Royston Road, Baldock
Herts, SG7 6XL, United Kingdom

Office Hours

Monday - Thursday 8:00am - 4:30pm

Friday 8:00am - 4:00pm

T +44 (0) 1462 893254

info@duckworth-and-kent.co.uk

www.duckworth-and-kent.com



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S-0010.22 2022/08



A world leader in titanium reusable
ophthalmic instruments

Keeping Surgeons **at the Leading Edge** of Ophthalmology

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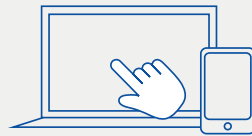
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Find it Quickly

Search our whole range in seconds



Website

Find Your Ideal Instrument

All of our instruments can be found on our website: www.duckworth-and-kent.com

Each instrument has a photograph, tip view(s) and a list of essential information. We want to ensure you are fully informed on an instrument's dimensions and capabilities, before making your purchase.

Three Ways to Search

1 - Product Menu

Select the **products menu** and browse our online catalogue.

2 - Search Bar

Use the **search** bar; type either the **instrument number/instrument name** or **keyword**.

3 - Online PDF Catalogue

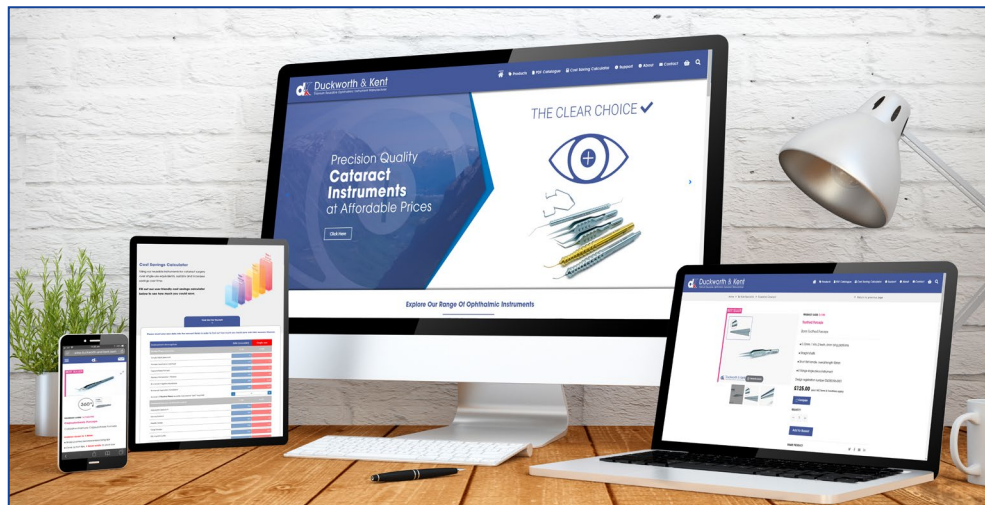
Visit the online **PDF version** of our catalogue. You will find this in the **Media section** of our website.

Create a Basket

Creating a basket is **quick and simple**. Browse our instruments and add them to your basket. To review and amend your list, select basket from the main menu.

Once you have selected your instruments and quantities, fill out your contact details and select **'Confirm Quote'**.

Our Customer Service Team will get back to you.



Receive it Quickly



Our dedicated Customer Service Team are always happy to help

Contact Us

Email or Call

To enquire about an instrument or to place an order, please contact our Customer Service Team.

Info@duckworth-and-kent.co.uk

+44 (0)1462 893254

After receiving your enquiry the Customer Service Team will respond quickly via email with the information you have requested.

Delivery

We have vast **experience of shipping worldwide**. Our extensive range of instruments are **stocked to facilitate a quick turnaround**. We aim to ship within 2 weeks of receiving your order.

Repairs

We offer a quick turnaround repair service on our own hand held surgical instruments, including diamond knives. For more information visit:

www.duckworth-and-kent.com/instrument-repair

Guidelines for Reprocessing

To view guidelines for reprocessing for all reusable medical devices supplied by Duckworth & Kent Ltd, unless stated otherwise with the packaging of the product, visit:

www.duckworth-and-kent.com/guidelines-for-reprocessing



GB pricing available for our complete range of titanium reusable ophthalmic instruments.

Visit www.duckworth-and-kent.com

Why we only use Titanium?

The aeronautical industry first embraced the benefits of titanium alloy to its advantage in the 1960s and it was on this basis that Duckworth & Kent was advised by a metallurgist to consider Titanium Alloy (Ti-6Al-4V) for the manufacture of its surgical instruments in the 1970s. Duckworth & Kent took heed of this advice (see benefits below) and applied their precision engineering skills to design and produce high quality medical devices using titanium alloy. Today, Duckworth & Kent is regarded as one of the pioneers in the design and manufacture of titanium ophthalmic instruments.

Key Benefits of Titanium...

- **Non-corrosive and no oxidation**, thereby withstanding repeat sterilisation without any deterioration to strength, edge quality or surface degradation
- **Non-magnetic**, so no interaction with other steel instruments
- **Lightweight**, so ideal for manufacturing well-balanced instruments used in ophthalmic microsurgery
- **Non-reflective** (anodised) surface, thereby reducing instrument glare from microscope lighting



Why we use PolyEtherEtherKetone (PEEK®)?

Duckworth & Kent uses PEEK® in certain instruments where there is the possibility that two titanium components could fuse together through sustained, repetitive contact.

PEEK® polymer was invented by Imperial Chemical Industries in 1978 and the Victrex™PEEK® polymer has become the material of choice for applications requiring exceptional durability with resistance to chemicals, heat, steam and radiation. For this reason, it has long been the gold-standard for medical devices, as it is able to withstand in excess of 2500 hours of high pressure steam sterilisation.

Victrex™ is a registered trademark of Victrex manufacturing Ltd.

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Duckworth & Kent's product range covers
a **wide variety of surgical procedures** including:

Cataract

Oculoplastics

Glaucoma

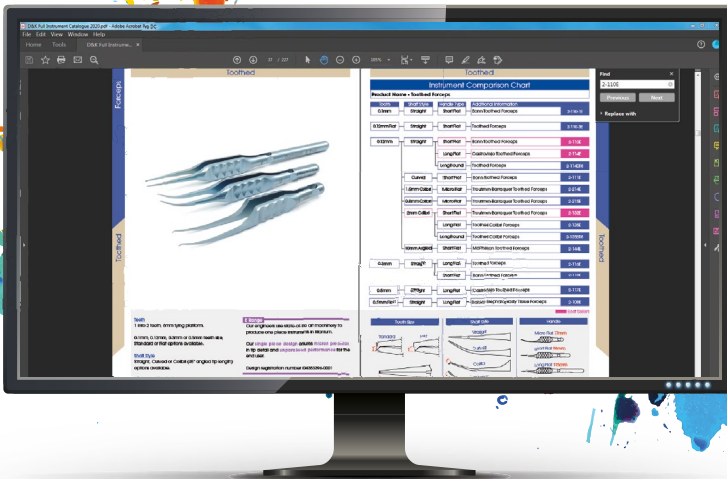
Paediatric

Lacrimal

Vitreoretinal

Find the Ideal Instrument

Find the ideal instrument for you by searching our PDF catalogue.



Search this PDF by product number or name by pressing **CTRL+F (Windows)** or **CMD+F (Mac)**.

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Titanium Reusable Ophthalmic Instruments



Microincision

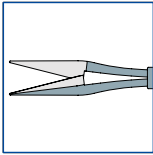
- Anterior Segment
 - Scissors
 - Forceps

- Vitreoretinal
 - Scissors
 - Forceps
 - Cleaning Adaptors



Capsule Scissors

1-625

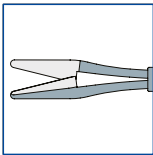


Capsule Scissors, Curved Shaft, 23 Gauge

- **Sharp tipped straight scissors**
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 123mm

Iris Scissors

1-630

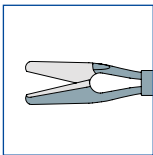


Iris Scissors, Curved Shaft, 23 Gauge

- **Blunt tipped straight scissors**
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 122mm

IOL Scissors

1-695

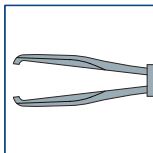


IOL Scissors, Straight Shaft, 17 Gauge

- **Blunt tipped straight scissors**
- Straight 17 gauge tube, tube length 21mm
- Round squeeze handle, overall length 123mm
- Designed to cut acrylic IOL implants in conjunction with 2-695 IOL implant Gripping Forceps

IOL Forceps

2-695

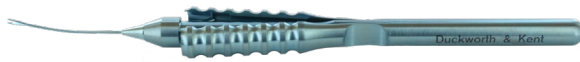
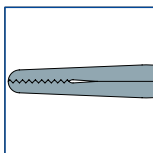


IOL Implant Gripping Forceps, 23 Gauge

- Fine end gripping tips
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 122mm
- Designed to work in conjunction with the 1-695 IOL Scissors

SMILE Forceps

2-837

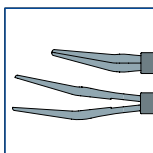


SMILE Lenticule Removal Forceps, 23 Gauge

- Delicate serrated jaws with blunt tips, tip length 3mm
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 127mm

DMEK Forceps

2-838

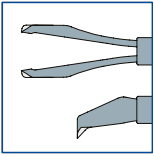


Güell Descemet's Membrane Forceps, 22 Gauge

- 3mm long tips angled 10°
- Curved 22 gauge tube, tube length 17mm
- Round squeeze handle, overall length 123mm

Capsulorhexis Forceps

2-847-4

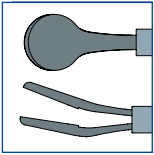


Capsulorhexis Forceps, Squeeze Handle, 23 Gauge

- Fine pointed tips with platforms
- 0.9mm tip opening
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 122mm

ICL Forceps

2-896-2

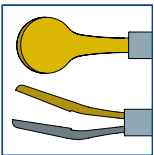


ICL Forceps, Angled, 20 Gauge

- Flat tip, 1.9mm wide disc with platforms
- Tips angled at **10°**
- 20 gauge, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

ICL Forceps

2-896-3



ICL Forceps, Angled, 20 Gauge

- Flat tip, 1.9mm wide disc with platforms
- Tips angled at **15°**
- Upper disc coloured gold for orientation reference
- **Corresponding gold star on handle relates to gold tip**
- 20 gauge, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

Find instruments by procedure.

View page 205 to see suggested instruments for the following procedures:

DALK

Deep Anterior Lamellar Keratoplasty



DMEK

Decemet's Membrane Endothelial Keratoplasty



FLACS

Femtosecond Laser-Assisted Cataract Surgery



ICL

Implantable Contact Lens



LASIK

Laser In-Situ Keratomileusis



LRI

Limbal Relaxing Incision



PK

Penetrating Keratoplasty



SMILE

Small Incision Lenticule Extraction

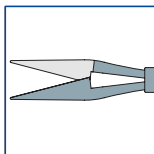


Toric Markers



Vitreoretinal Scissors

1-841

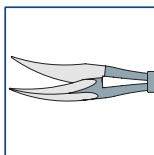


Vitreoretinal Scissors, 23 Gauge

- **Sharp tipped straight micro-scissors**
- 2.2mm long blade
- 23 gauge tube, 32.5mm long straight shaft
- Round squeeze handle, overall length 138mm

Vitreoretinal Scissors

1-842

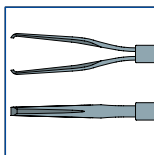


Vitreoretinal Scissors, Curved, 23 Gauge

- **Sharp tipped curved micro-scissors**
- 2.2mm long blade
- 23 gauge tube, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

Vitreoretinal Forceps

2-877

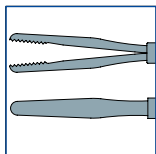


Vitreoretinal Forceps, 23 Gauge

- Fine end gripping tips, tip length 3mm
- 23 gauge tube, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

Vitreoretinal Forceps

2-878-1



Vitreoretinal Forceps, 23 Gauge

- Delicate serrated jaws with blunt tips, tip length 3mm
- 23 gauge tube, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

Squeeze Handle

6-676

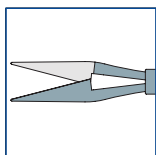


Round Squeeze Handle for Vitreoretinal Interchangeable Instrument Heads

- **Suitable for all Duckworth & Kent Vitreoretinal Interchangeable Instrument Heads**
- Overall Length 92 mm (without head)
- Round squeeze handle

Vitreoretinal Scissors Head

1-841N

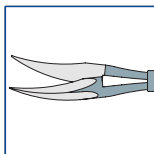


Vitreoretinal Scissors Head, 23 Gauge

- **Sharp tipped** straight micro-scissors
- 2.2mm long blade
- Straight 23 gauge tube, length 31.3mm
- Requires Squeeze Handle, ref 6-676
- Detachable tip head for cleaning purposes
- Colour coding for tip and gauge size identification
- Once attached to round squeeze handle, overall length is 144mm
- Supplied with a plastic (PEEK) reusable protective cover

Vitreoretinal Scissors Head

1-842N

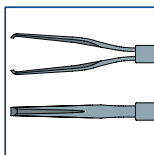


Vitreoretinal Scissors Head, Curved, 23 Gauge

- **Sharp tipped curved micro-scissors**
- 2.2mm long blade
- Straight 23 gauge tube, length 31.3mm
- Requires Squeeze Handle, ref 6-676
- Detachable tip head for cleaning purposes
- Colour coding for tip and gauge size identification
- Once attached to round squeeze handle, overall length is 145mm
- Supplied with a plastic (PEEK) reusable protective cover

Vitreoretinal Forceps Head

2-877N

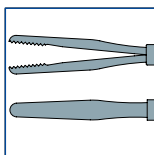


Vitreoretinal Forceps Head, 23 Gauge

- Fine end gripping tips, tip length 3.5mm
- Straight 23 gauge tube, length 31mm
- Requires Squeeze Handle, ref 6-676
- Detachable tip head for cleaning purposes
- Colour coding for tip and gauge size identification
- Once attached to round squeeze handle, overall length is 142mm
- Supplied with a plastic (PEEK) reusable protective cover

Vitreoretinal Forceps Head

2-878-1N



Vitreoretinal Forceps Head, 23 Gauge

- Delicate serrated jaws with blunt tips, tip length 3.5mm
- Straight 23 gauge tube, length 31mm
- Requires Squeeze Handle, ref 6-676
- Detachable tip head for cleaning purposes
- Colour coding for tip and gauge size identification
- Once attached to round squeeze handle, overall length is 142mm
- Supplied with a plastic (PEEK) reusable protective cover

Flushing Adaptor

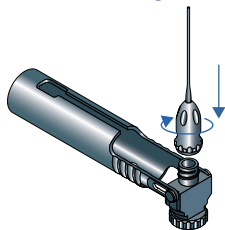
6-675

Protective Cleaning Cover

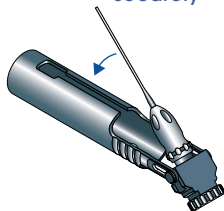
- **Suitable for all Duckworth & Kent Vitreoretinal Interchangeable Instrument Heads**
- Protects the Vitreoretinal detachable heads
- Standard luer fitting for flushing attachment
- **See website for full details**



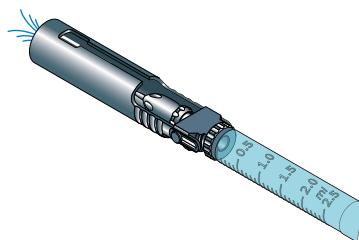
1) Tip head screws on to flushing adaptor



2) Tip head pivots then locks into place securely



3) Syringe or other luer device back flushes tip head



Flushing Adaptor

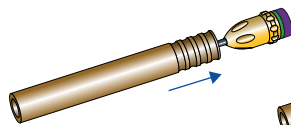
6-675-1

Small Flushing Adaptor for Vitreoretinal Interchangeable Instruments

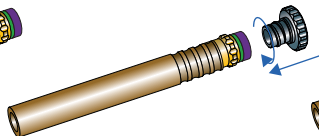
- **Suitable for all Duckworth & Kent Vitreoretinal Interchangeable Instrument Heads**
- Standard luer fitting
- **See website for full details**



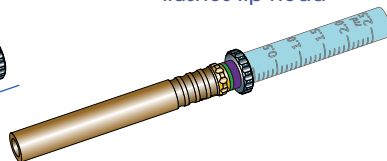
1) Protective guard fitted to tip (supplied with every head)



2) Tip screws onto adaptor



3) Syringe or other luer device back flushes tip head





Titanium Reusable Ophthalmic Instruments



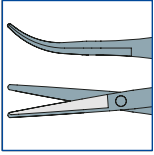
Scissors

- Capsule and Corneal
- Conjunctival-Tenotomy
- Iris
- IOL
- Vannas



Capsule Scissors

1-116

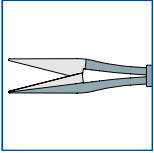


Capsule Scissors, Curved

- **Blunt tips, curved blades**
- Cut length 6mm, tip to pivot length 11mm
- Flat handle, overall length 99mm

Capsule Scissors

1-625

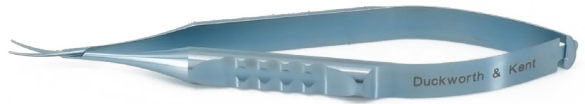
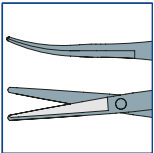


Capsule Scissors, Curved Shaft, 23 Gauge

- **Sharp tipped straight scissors**
- **Curved 23 gauge tube**, tube length 19-20mm
- Round squeeze handle, overall length 123mm

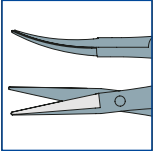
Corneal Scissors

Best Seller 1-118



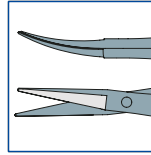
Castroviejo Miniature Corneal Scissors, Curved

- **Blunt tips, curved blades**
- Universal cutting blades
- Cut length 6mm, tip to pivot length 11mm
- Flat handle, overall length 106mm



Anwar Corneal Scissors, Left

- Blunt tips, curved blades
- **Longer outer blade with smooth tip**
- Cut length 5mm, tip to pivot length 11mm
- Round handle, overall length 107mm



Anwar Corneal Scissors, Right



Tip

Sharp or Blunt options available.

Tip to Pivot

Length 20mm

Blade

Straight or Curved options available.

Cut Length

Cut length 10mm; 1-500B offers a cut length of 9mm

Blade Shape

Rounded and Standard options available.

Handle

All scissors shown have a flat handle design.
Full length of closed scissors 115mm.

More Details...

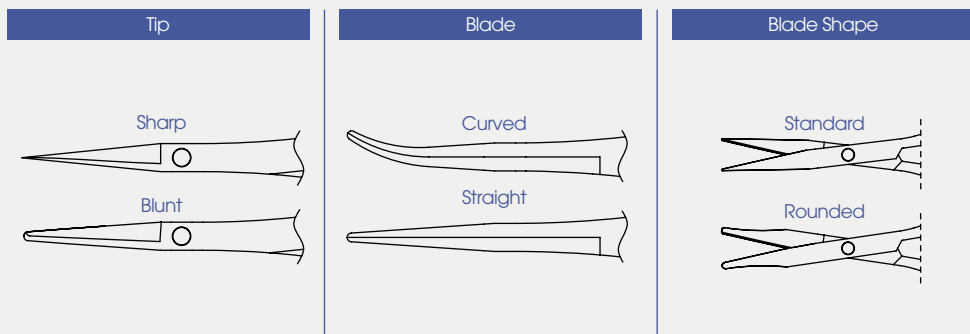
For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Westcott Scissors

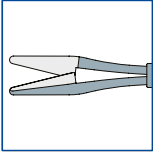
| Tip | Blade | Blade Shape | Additional Information | |
|-------|----------|-------------|---------------------------------|--------|
| Sharp | Curved | Standard | Westcott Style Scissors, Curved | 1-501 |
| | Straight | Standard | Westcott Style Scissors | 1-500 |
| Blunt | Curved | Rounded | Westcott Style Scissors, Curved | 1-510 |
| | Straight | Standard | Westcott Style Scissors | 1-500B |

Best Seller



Iris Scissors

1-630

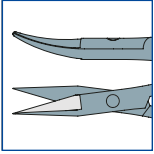


Iris Scissors, Curved Shaft, 23 Gauge

- **Blunt tipped straight scissors**
- **Curved 23 gauge tube**, tube length 19-20mm
- Round squeeze handle, overall length 122mm

Iris Scissors

1-211

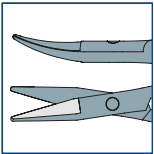


Iris Scissors, Curved

- **Sharp tips, curved blades**
- Cut length 4mm, tip to pivot length 11mm
- Round handle, overall length 107mm

Iris Scissors

1-211B

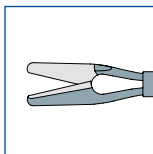


Iris Scissors, Curved

- **Blunt tips, curved blades**
- Cut length 4mm, tip to pivot length 11mm
- Round handle, overall length 107mm

IOL Scissors

1-695



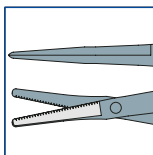
IOL Scissors, Straight Shaft, 17 Gauge

- **Blunt tipped straight scissors**

- Straight 17 gauge tube, tube length 21mm
- Round squeeze handle, overall length 123mm
- Designed to cut acrylic IOL implants in conjunction with 2-695 IOL Implant Gripping Forceps

IOL Scissors

1-700



Osher IOL Cutter

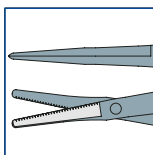
- **Blunt tips with micro-serrated blades**

- Minimum incision size 2.8mm
- Cut length 5mm
- Tip to pivot length 9.5mm
- Flat handle, overall length 98mm

IOL Scissors

Best Seller

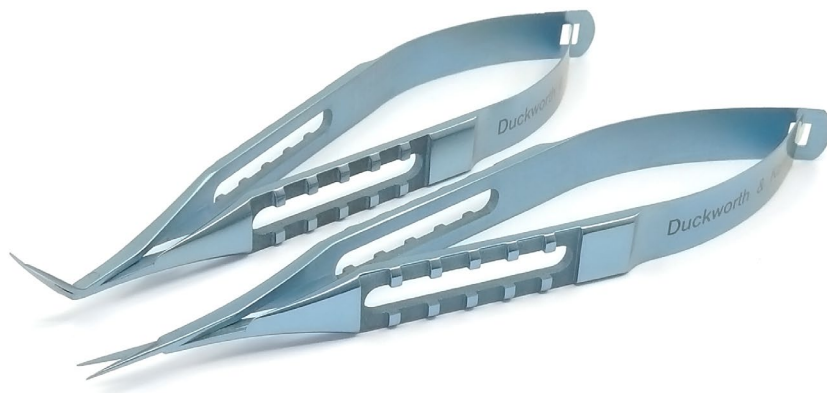
1-705



Osher IOL Cutter, Angled

- **Blunt tips with micro-serrated blades**

- Minimum incision size 2.8mm
- Cut length 5mm
- Tip to pivot length 9.5mm
- Flat handle, overall length 94mm

**Tip**

Sharp or Blunt options available.

Blade

Straight, Curved or Angled options available.

Tip to Pivot

Defined length of exposed blade when instrument is open and in a resting state.

Cut Length

Cut length between 5mm and 6mm; 1-120 and 1-121 offers a cut length of 8mm

Handle

All scissors shown have a flat handle design. Full length of closed scissors between 97mm & 103mm.

More Details...

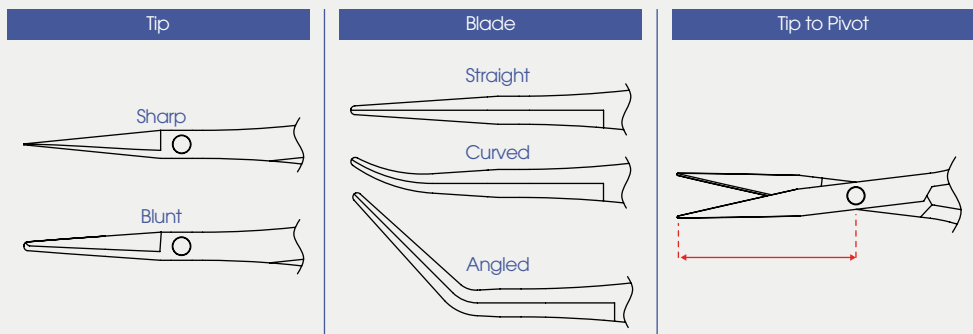
For full product details visit:
duckworth-and-kent.com

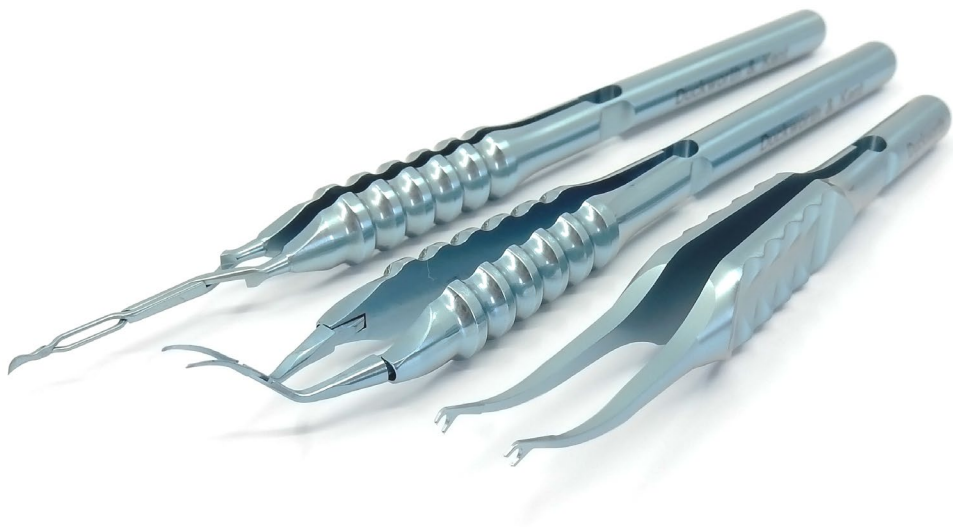
Instrument Comparison Chart

Product Name - Vannas Scissors

| Tip | Blade | Tip to Pivot | Additional Information | |
|-------|----------|--------------|-------------------------------|--------|
| Sharp | Straight | 9mm | Vannas Scissors | 1-110 |
| | | 15mm | Vannas Scissors | 1-120 |
| | Curved | 9mm | Vannas Scissors, Curved | 1-111 |
| | | 15mm | Vannas Scissors, Curved | 1-121 |
| | Angled | 9mm | Vannas Scissors, Angled | 1-112 |
| | | 11.5mm | Gills-Vannas Scissors, Angled | 1-312 |
| Blunt | Curved | 9mm | Vannas Scissors, Curved | 1-111B |

Best Sellers





Titanium Reusable Ophthalmic Instruments



Forceps

- Toothed
- Notched
- Tying
- Capsulorhexis:
 - Microincision 1mm
 - Cross action 1.5mm
 - Cross action 1.8mm
 - Utrata 2.2mm
- Prechoppers
- Nucleus Crackers
- Cilia / Epilation
- Conjunctival
- Corneal
- DMEK
- SMILE
- Miscellaneous



Teeth

1 into 2 teeth, 6mm tying platform.

0.1mm, 0.12mm, 0.3mm or 0.5mm teeth size,
Standard or Flat options available.

Shaft Style

Straight, Curved or Colibri (45° angled tip length)
options available.

Engraved Symbol

Toothed



E Range

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in tip detail and **unparalleled performance** for the
end user.

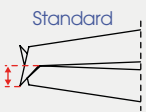


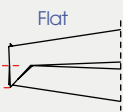







Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Toothed Forceps

| Tooth | Shaft Style | Handle Type | Additional Information | |
|-------------|---------------|---------------------------|------------------------------------|----------|
| 0.1mm | Straight | Short Flat | Bonn Toothed Forceps | 2-110-1E |
| 0.12mm Flat | Straight | Short Flat | Toothed Forceps | 2-110-3E |
| 0.12mm | Straight | Short Flat | Bonn Toothed Forceps | 2-110E |
| | | Long Flat | Castroviejo Toothed Forceps | 2-114E |
| | | Long Round | Toothed Forceps | 2-114ER8 |
| | Curved | Short Flat | Bonn Toothed Forceps | 2-111E |
| | 1.5mm Colibri | Micro Flat | Troutman-Barraquer Toothed Forceps | 2-214E |
| | 0.8mm Colibri | Micro Flat | Troutman-Barraquer Toothed Forceps | 2-215E |
| | 2mm Colibri | Short Flat | Troutman-Barraquer Toothed Forceps | 2-132E |
| | | Long Flat | Toothed Colibri Forceps | 2-135E |
| | Long Round | Toothed Colibri Forceps | 2-135ER8 | |
| 10mm Angled | Short Flat | McPherson Toothed Forceps | 2-144E | |
| 0.3mm | Straight | Long Flat | Toothed Forceps | 2-116E |
| | | Short Flat | Bonn Toothed Forceps | 2-118E |
| 0.5mm | Straight | Long Flat | Castroviejo Toothed Forceps | 2-117E |
| 0.5mm Flat | Straight | Long Flat | Rabkin Tissue Forceps | 2-108E |

Best Sellers

| Tooth Size | Shaft Style | Handle |
|--|---|--|
|  Standard |  Straight |  Micro Flat 77mm |
|  Flat |  Curved |  Short Flat 90mm |
|  6mm tying platform |  Colibri |  Long Flat 115mm |
| |  Angled 45° |  Long Round 115mm |

(overall length)



Notched Tip

Notched tip with 6mm tying platform, 0.25mm or 0.3mm notch sizes available.

Shaft Style

Straight, Curved or Colibri (45° angled tip length) options available.

Engraved Symbol

Notched



E Range

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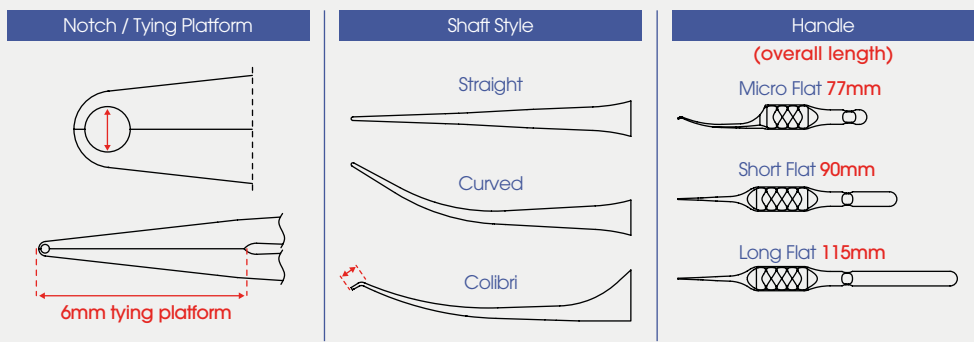
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Notched Forceps

| Notch | Shaft Style | Handle Type | Additional Information |
|--------|---------------|-------------|---------------------------------------|
| 0.25mm | Straight | Short Flat | Pierson Notched Forceps 2-100E |
| | | Long Flat | Pierson Notched Forceps 2-104E |
| | Curved | Short Flat | Pierson Notched Forceps 2-101E |
| | | Long Flat | Pierson Notched Forceps 2-103E |
| | 1.5mm Colibri | Micro Flat | Pierson Notched Forceps 2-200E |
| | 2mm Colibri | Short Flat | Pierson Notched Forceps 2-130E |
| 0.3mm | Straight | Short Flat | Pierson Notched Forceps 2-100-1E |

Best Seller





Tip

0.3mm standard (S), 0.2mm delicate (D) or 0.6mm heavy (H) options available.

Tying Platform

4mm, 6mm or 9.5mm options available.

Shaft Style

Straight, Curved or Angled (with varying lengths) options available.

Engraved Symbol

Tying



E Range

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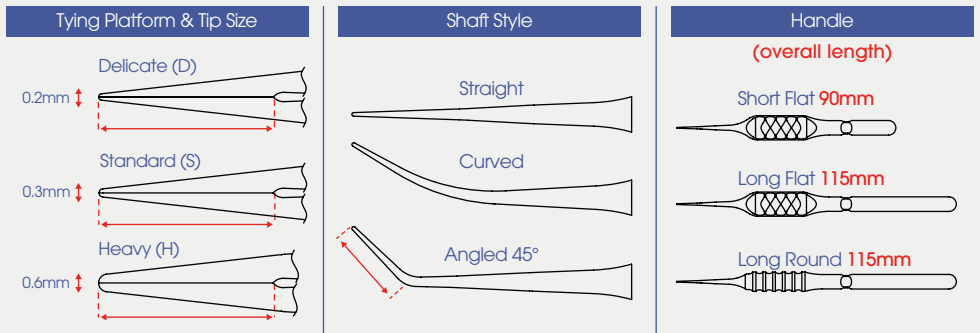
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Tying Forceps

| Platform & Tip | Shaft Style | Handle Type | Additional Information | |
|----------------|---------------|-------------|--------------------------------|---------------|
| 4mm (S) | Angled 5mm | Short Flat | Kelman-McPherson Tying Forceps | 2-520E |
| 6mm (S) | Straight | Short Flat | Tying Forceps | 2-500E |
| | | Long Flat | Harms-Tubingen Tying Forceps | 2-504E |
| | | Long Round | Tying Forceps | 2-504ER8 |
| | Curved | Short Flat | Tying Forceps | 2-501E |
| | | Long Flat | Tying Forceps | 2-505E |
| | | Long Round | Tying Forceps | 2-505ER8 |
| | Angled 7mm | Short Flat | Kelman-McPherson Tying Forceps | 2-522E |
| | | Long Flat | Kelman-McPherson Tying Forceps | 2-527E |
| | Angled 10mm | Short Flat | Kelman-McPherson Tying Forceps | 2-524E |
| | | Long Flat | Kelman-McPherson Tying Forceps | 2-529E |
| | Angled 12mm | Short Flat | Kelman-McPherson Tying Forceps | 2-526E |
| | 6mm (H) | Straight | Short Flat | Tying Forceps |
| 6mm (D) | Straight | Short Flat | Tying Forceps | 2-500-2E |
| 9.5mm (S) | Angled 10.5mm | Short Flat | Kelman-McPherson Tying Forceps | 2-524-1E |
| | | Long Round | Tying Forceps | 2-529-1ER8 |

Best Sellers



NEW

Micro

Incision Instruments

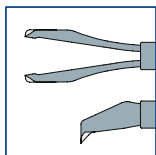


THINK SMALL

View our full range of microincision instruments starting on [page 11](#)

Capsulorhexis Forceps, Squeeze Handle

2-847-4

**1.0mm Incision**

Utilising a squeeze-handle mechanism to enable the surgeon to initiate and perform a curvilinear capsulorhexis through a paracentesis (1.0mm) incision.

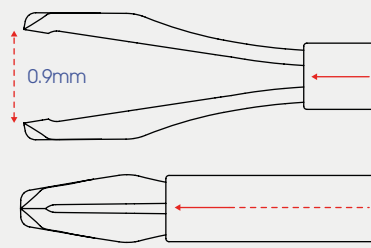
Curved 23 Gauge Shaft

The gentle curve to the shaft offers the surgeon an ergonomic and easier approach to guiding the forceps through the microincision wound than a conventional straight shaft.

Precision Grasping

The squeeze-handle mechanism gently pushes the shaft over the tip allowing for precise grasping of the anterior capsule.

Tip Detail



- Fine pointed tips with platforms
- Overall length 120mm



Width at Pivot Box 1.2mm

Designed to fit comfortably through any incision down to 1.5mm.

Tip Details

Sharp and serrated tips, angled 45° from shaft.
Extra sharp and serrated tips, angled 80° from shaft.

Marked Scale

Marks on the shaft at 2.5mm and 5mm from tip denote the desired radius and diameter of the capsulorhexis.

E Range

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Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

| Tip | Tip to Pivot | Handle | Additional Information | |
|------------|--------------|------------|--|-------------------------------|
| Sharp | 8.5mm | Long Flat | Inamura Capsulorhexis Forceps | 2-716GNE |
| | | Long Round | Inamura Capsulorhexis Forceps | 2-716GNR8E |
| | 9.5mm | Long Flat | Inamura Capsulorhexis Forceps | 2-716GN-3E |
| | | Long Round | Inamura Capsulorhexis Forceps | 2-716GNR8-3E |
| | 10.5mm | Long Flat | Inamura Capsulorhexis Forceps | 2-716GN-5E |
| | | Long Round | Inamura Capsulorhexis Forceps | 2-716GNR8-5E |
| | 11mm | Long Round | Inamura Capsulorhexis Forceps (*Galon) | 2-716GNR8-6E |
| | ExtraSharp | 8.5mm | Long Flat | Inamura Capsulorhexis Forceps |
| Long Round | | | Inamura Capsulorhexis Forceps | 2-716GNR8-2E |
| 9.5mm | | Long Flat | Inamura Capsulorhexis Forceps | 2-716GN-4E |
| | | Long Round | Inamura Capsulorhexis Forceps | 2-716GNR8-4E |

Best Sellers

Tip

Sharp 45°

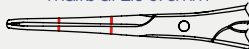


Extra Sharp 80°



Marked Scale & Variations

Standard marks at 2.5 & 5mm



*Galon

2-716GNR8-6E marks at 2.5 & 5mm



Handle

(overall length)

Long Flat 110 - 111mm



Long Round 110 - 111mm





Tip Details

Sharp and serrated tips, angled 45° from shaft.



Width at Pivot Box 1.5mm

Designed to fit comfortably through any incision down to 1.8mm.

Marked Scale

Marks on the shaft denotes the desired radius and diameter of the capsulorhexis.

E Range

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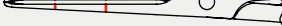

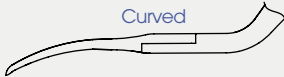
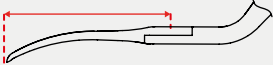



Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

| Shaft | Tip to Pivot | Handle | Additional Information | |
|----------|--------------|-------------|-------------------------------|--------------|
| Straight | 9.5mm | Long Flat | Inamura Capsulorhexis Forceps | 2-716GE-3 |
| | | Long Round | Inamura Capsulorhexis Forceps | 2-716GER8-3 |
| Curved | 8.5mm | Long Flat | Inamura Capsulorhexis Forceps | 2-716GE-2 |
| | | Long Round | Inamura Capsulorhexis Forceps | 2-716GER8-2 |
| | 9.5mm | Long Flat | Inamura Capsulorhexis Forceps | 2-716GE |
| | | Long Round | Inamura Capsulorhexis Forceps | 2-716GER8 |
| | 10.5mm | Short Flat | Inamura Capsulorhexis Forceps | 2-716GE-1S |
| | | Long Flat | Inamura Capsulorhexis Forceps | 2-716GE-1 |
| | | Short Round | Inamura Capsulorhexis Forceps | 2-716GER8-1S |
| | | Long Round | Inamura Capsulorhexis Forceps | 2-716GER8-1 |

Best Sellers

| Shaft Style | Marked Tip & Tip to Pivot | Handle |
|--|--|--|
| <p>Straight</p>  | <p>2.5 & 5mm</p>  | <p>Short Flat 86mm</p>  |
| <p>Curved</p>  |  | <p>Long Flat 110 - 111mm</p>  |
| | | <p>Short Round 86mm</p>  |
| | | <p>Long Round 110 - 111mm</p>  <p>(overall length)</p> |



Width at Pivot Box 1.5mm

Designed to fit comfortably through any incision down to 1.8mm.

Tip Details

Sharp and serrated tips, angled 45° from shaft.



Marked Scale

Marks on the shaft denote the desired radius and diameter of the capsulorhexis. Calladine-Inamura offer marks at 2.5mm and 5mm from tip, Jones-Inamura offer 6 marks at 1mm increments from tip.

E Range

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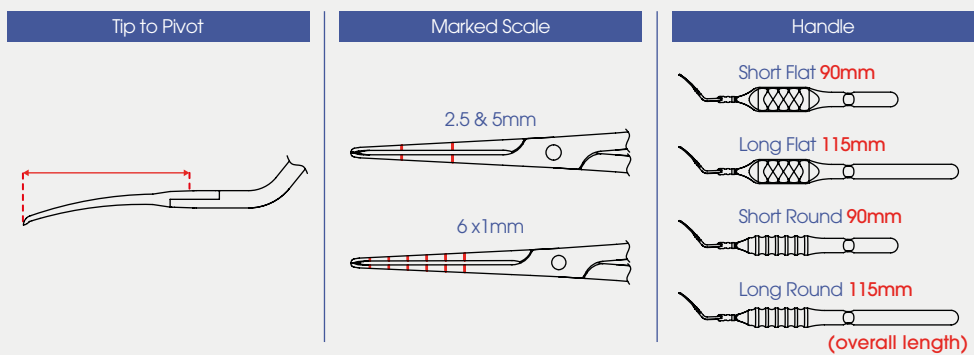
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

| Tip to Pivot | Marked Scale | Handle | Additional Information |
|--------------|--------------|-------------|---|
| 10mm | 2.5 & 5mm | Short Flat | Calladine-Inamura Capsulorhexis Forceps 2-716G-9SE |
| | | Long Flat | Calladine-Inamura Capsulorhexis Forceps 2-716G-9E |
| | | Short Round | Calladine-Inamura Capsulorhexis Forceps 2-716G-9RSE |
| | | Long Round | Calladine-Inamura Capsulorhexis Forceps 2-716G-9RE |
| 11mm | 2.5 & 5mm | Short Flat | Calladine-Inamura Capsulorhexis Forceps 2-716G-8SE |
| | | Long Flat | Calladine-Inamura Capsulorhexis Forceps 2-716G-8E |
| | | Short Round | Calladine-Inamura Capsulorhexis Forceps 2-716G-8RSE |
| | | Long Round | Calladine-Inamura Capsulorhexis Forceps 2-716G-8RE |
| | 6x 1mm | Long Flat | Jones-Inamura Capsulorhexis Forceps 2-716G-10E |
| | | Long Round | Jones-Inamura Capsulorhexis Forceps 2-716G-10RE |

Best Sellers





Width at Pivot Box 1.5mm

Designed to fit comfortably through any incision down to 1.8mm.

Tip Details

Sharp and Blunt options available, angled 45° from shaft.

Extra Curved Shaft

The Mackool-Inamura capsulorhexis forceps range has an increased curvature to the tips.

E Range

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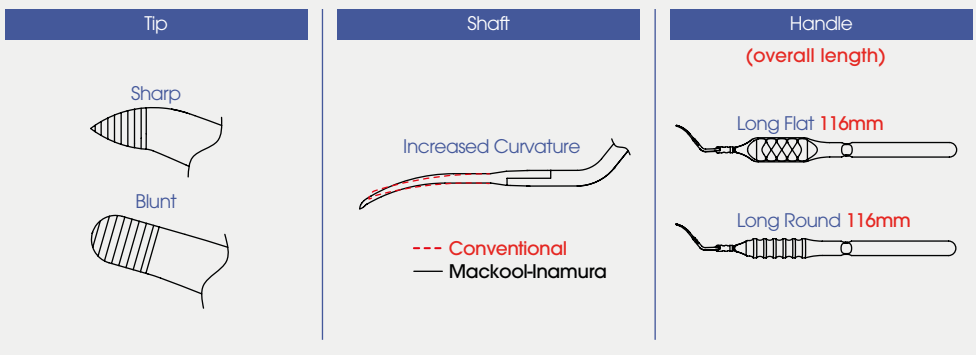
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

| Tip | Tip to Pivot | Handle | Additional Information |
|-------|--------------|------------|--|
| Sharp | 11mm | Long Flat | Mackool-Inamura Capsulorhexis Forceps 2-706G-1E |
| | | Long Round | Mackool-Inamura Capsulorhexis Forceps 2-706G-1RE |
| Blunt | 11mm | Long Flat | Mackool-Inamura Capsulorhexis Forceps 2-706GE |
| | | Long Round | Mackool-Inamura Capsulorhexis Forceps 2-706GRE |

Best Seller





Tip Details

Sharp and serrated tips, angled 45° from shaft. Tip to angle length 13mm.



Marked Scale

Marks on the shaft at 2.5mm and 5mm from tip denote the desired radius and diameter of the capsulorhexis; 2-712-4ER8 offers 8 x 1mm marks.

E Range

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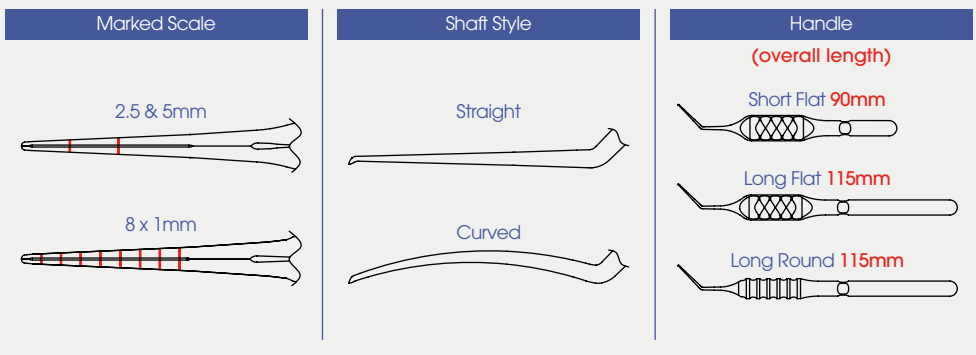
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

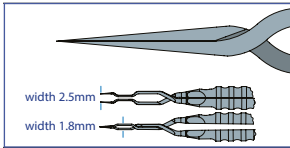
| Marked Scale | Shaft | Handle Type | Additional Information |
|--------------|----------|-------------|--|
| 2.5 & 5mm | Straight | Short Flat | Utrata Capsulorhexis Forceps 2-719-3E |
| | | Long Flat | Utrata Capsulorhexis Forceps 2-719-4E |
| | | Long Round | Utrata Capsulorhexis Forceps 2-714-3ER8 |
| | Curved | Short Flat | Utrata Capsulorhexis Forceps 2-718-3E |
| | | Long Round | Utrata Capsulorhexis Forceps 2-712-3ER8 |
| 8 x 1mm | Curved | Long Round | Utrata Capsulorhexis Forceps 2-712-4ER8 |

Best Sellers



Prechopper Forceps

2-815E

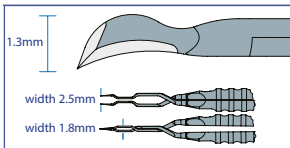


Akahoshi Prechopper Forceps

- Tips fully open to 2.5mm
- **Sharp pointed tips**
- 1.8mm maximum width at incision point
- Straight shafts, reverse cross action style
- Round handle, overall length 120mm
- **E Range single piece handle**
Design registration number 004383396-0001

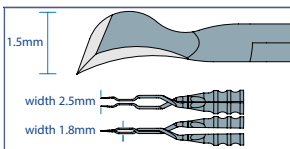
Prechopper Forceps

Best Seller 2-817E



Salvitti-Akahoshi Micro Prechopper Forceps, Small Tip

- Tips fully open to 2.5mm
- **Flattened tips in vertical plane, tip height 1.3mm**
- 1.8mm maximum width at incision point
- Straight shafts, reverse cross action style
- Round handle, overall length 119mm
- **E Range single piece handle**
Design registration number 004383396-0001



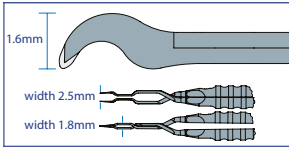
Large Tip

2-817-1E

- **Flattened tips in vertical plane, tip height 1.5mm**

Prechopper Forceps

2-818E



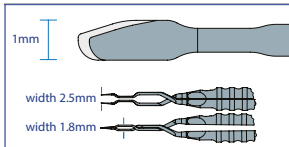
Inamura Talon Prechopper Forceps

- Tips fully open to 2.5mm
 - **Flattened tips in vertical plane, tip height 1.6mm**
 - 1.8mm maximum width at incision point
 - Straight shafts, reverse cross action style
 - Round handle, overall length 119mm
 - **E Range single piece handle**
- Design registration number 004383396-0001



Prechopper Forceps

2-820-1E



Paddle Prechopper Forceps

- Tips fully open to 2.5mm
 - Arrow tip shape for penetrating nucleus
 - **3mm flattened paddle area of tips for nucleus splitting, tip height 1mm**
 - 1.8mm maximum width at incision point
 - Straight shafts, reverse cross action style
 - Round handle, overall length 119mm
 - **E Range single piece handle**
- Design registration number 004383396-0001



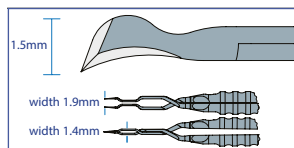
Angled

2-820E

- **45° angled reverse cross action shaft, tip to angle length 13.5mm**

Prechopper Forceps

2-821E

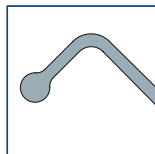


CataPulse® Mini Prechopper

- **Tips fully open to 1.9mm**
- **Flattened tips in vertical plane, tip height 1.5mm**
- **1.4mm maximum width at incision point**
- Straight shafts, reverse cross action style
- Round handle, overall length 119mm
- **E Range single piece handle**
Design registration number 004383396-0001

Nucleus Sustainer

6-095

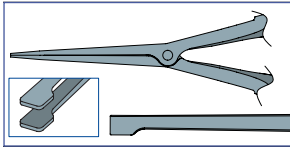


Akahoshi Nucleus Sustainer

- 0.5mm diameter bulbous tip, tip length 1.7mm
- 45° angled shaft, tip to angle length 10mm
- Short round handle, overall length 109mm
- **For use in conjunction with prechopper forceps**

Nucleus Cracker

2-802E

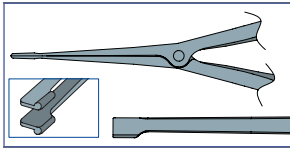


Brown Nucleus Cracker

- 1.1mm x 1.2mm paddle style tips
- 30° angled shafts, tip to angle length 14.5mm
- Flat handle, cross action tips, overall length 114mm
- **E Range single piece handle**
Design registration number 004383396-0001

Nucleus Cracker

2-803E

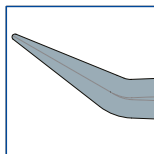


Denman-Brown Nucleus Cracker

- 1.1mm x 1.2mm paddle style tips
- **Bulge along lower edge of paddle**
- 30° angled shafts, tip to angle length 14.5mm
- Flat handle, cross action tips, overall length 114mm
- **E Range single piece handle**
Design registration number 004383396-0001

Cilia Forceps

Best Seller 2-2195E



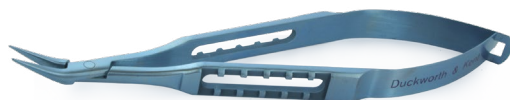
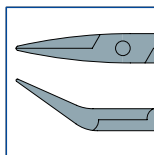
Single Piece Epilation Forceps

- Tapered, smooth tips
- 30° angled shafts, tip to angle length **7mm**
- **Short flat handle, overall length 90mm**
- **E Range single piece instrument**

Design registration number 004383396-0001

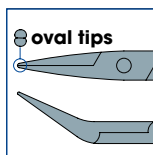
Cilia Forceps

2-195



Beaupre Cilia Forceps

- Tapered, smooth tips
- 30° angled shafts, **tip to angle length 10.5mm**
- Flat cross action handle, overall length 105mm



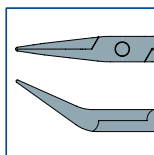
2-195-1

Otaka Cilia Forceps

- **Tapered, smooth oval tips**
- Flat cross action handle, overall length 105mm

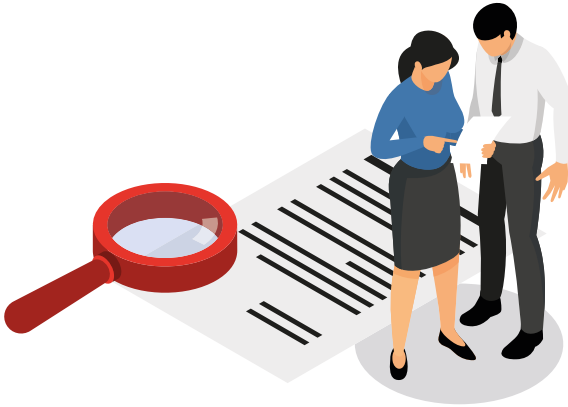
Cilia Forceps

2-196



KY Cilia Forceps

- Flat smooth tips
- 30° angled shafts, **tip to angle length 8.5mm**
- Round handle, overall length 111mm



Visit www.duckworth-and-kent.com/guidelines-for-reprocessing to view guidelines for reprocessing for all reusable medical devices supplied by Duckworth & Kent Ltd, unless stated otherwise with the packaging of the product.

These instructions are intended for use only by persons with the required specialist knowledge and training.

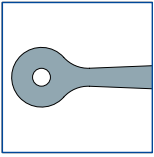
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- Croatian
- Hungarian
- Bulgarian

Conjunctival Forceps

2-167E

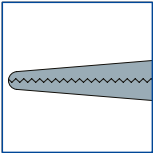


Osher Conjunctival Forceps

- Smooth platforms
- Straight shafts
- Flat handle, overall length 115mm
- **E Range single piece instrument**
Design registration number 004383396-0001

Conjunctival Forceps

2-500-4E

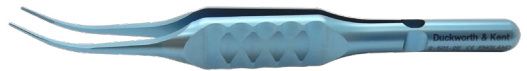
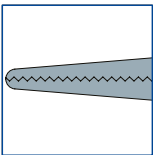


Chihara Conjunctival Forceps

- 6mm platforms
- Serrated tips
- Straight shafts
- Flat handle, overall length 90mm
- **E Range single piece instrument**
Design registration number 004383396-0001

Conjunctival Forceps

2-501-2E

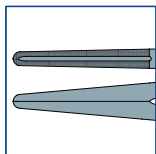


Chihara Conjunctival Forceps, Curved

- 6mm platforms
- Serrated tips
- **Curved shafts**
- Flat handle, overall length 90mm
- **E Range single piece instrument**
Design registration number 004383396-0001

Conjunctival Forceps

2-503E



Otaka Conjunctival Forceps

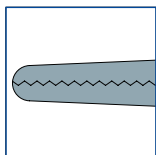
- Textured platforms
- Straight shafts
- Grooved channel along platform length, stopping just before tip
- Flat handle, overall length 90mm

• **E Range single piece instrument**

Design registration number 004383396-0001

Utility Forceps

Best Seller 2-510-1E



Moorfields Utility Forceps

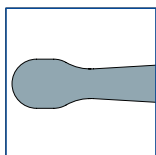
- Delicate serrated tips, 1mm wide
- Straight shafts
- Flat handle, overall length 115mm

• **E Range single piece instrument**

Design registration number 004383396-0001

Suture Forceps

2-502E



Khaw Suture Control Forceps

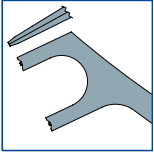
- **5mm highly polished tying platforms**
- Straight shafts
- Flat handle, overall length 90mm
- **For use in Khaw's adjustable Suture Control technique**

• **E Range single piece instrument**

Design registration number 004383396-0001

Toothed Forceps

2-170E

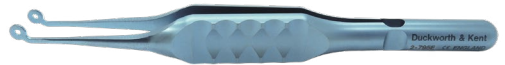
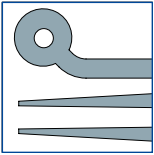


Double Toothed Colibri Forceps, 0.12mm

- Two 0.12mm, 1 into 2 teeth
- 2 point fixation, 1mm separated
- Colibri style shafts
- Flat handle, overall length 90mm
- **E Range single piece instrument**
Design registration number 004383396-0001

Flap Forceps

2-795E

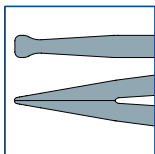


Flap Lifting Forceps

- Small flat ring tips
- 45° angled shafts, tip to angle length 4mm
- Flat handle, overall length 90mm
- **E Range single piece instrument**
Design registration number 004383396-0001

DMEK Forceps

2-285E

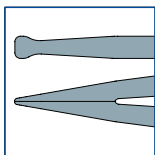


DMEK Descemet's Stripping Forceps

- Smooth platforms
- **Straight shafts**
- Short flat handle, overall length 90mm
- **E Range single piece instrument**
Design registration number 004383396-0001

DMEK Forceps

2-287E

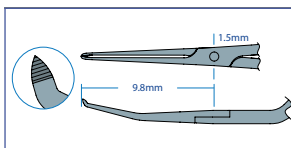


DMEK Descemet's Stripping Forceps, Angled

- Smooth platforms
- **45° angled shafts**
- Long flat handle, overall length 115mm
- **E Range single piece instrument**
Design registration number 004383396-0001

DMEK Forceps

2-787-1E

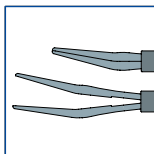


DMEK Descemet's Stripping Forceps, Cross Action

- Upward facing angled tip
- Serrated interlocking tips
- Tip to pivot point 9.8mm
- 1.5mm width at pivot box
- Tips angled 45° to handle
- Flat handle, overall length 113mm
- **E Range single piece handle**
Design registration number 004383396-0001

DMEK Forceps

2-838



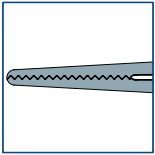
Güell Descemet's Membrane Forceps

- 3mm long tips angled 10° upwards
- **Curved 22 gauge tube, tube length 19-20mm**
- Round squeeze handle, overall length 123mm

SMILE Forceps

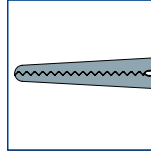
Best Seller

2-836E



SMILE Lenticule Removal Forceps

- 4mm long serrated jaws
- 30° angled shafts, tip to angle length 9mm
- Long flat handle, overall length 115mm
- **E Range single piece instrument**
Design registration number 004383396-0001



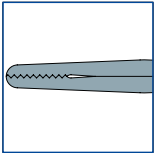
2-835E

NeoVize SMILE Forceps

- 30° angled shafts
- Flat handle, overall length 90mm

SMILE Forceps

2-837

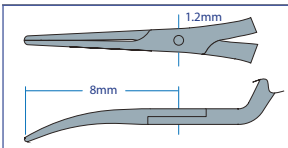


SMILE Lenticule Removal Forceps, 23 Gauge

- **Delicate** serrated jaws with blunt tip, tip length 3mm
- Curved **23 gauge** tube, tube length 19-20mm
- Round squeeze handle, overall length 127mm

SMILE Forceps

2-839

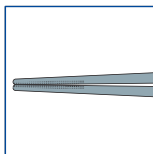


Chan SMILE Dissecting Forceps

- Curved shaft, tip to pivot point 8mm
- Cross action tips, 1.2mm width at pivot box
- Round handle, overall length 107mm

ICL Forceps

Best Seller 2-770E



Deitz ICL Loading Forceps

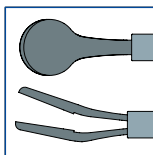
- Highly polished outer jaws
- Inside jaws textured, 4mm tip angle
- 20° angled shafts, tip to angle length 14mm
- Flat handle, overall length 88mm

- **E Range single piece instrument**

Design registration number 004383396-0001

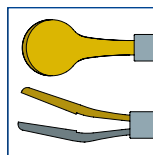
ICL Forceps

2-896-2



ICL Forceps, Angled

- Flat tip, 1.9mm wide disc with platforms
- **Tips angled at 10°**
- 20 gauge, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm



2-896-3

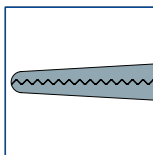
ICL Forceps, Angled

- **Tips angled at 15°**
- Corresponding gold star on handle relates to gold tip

See page 13 for full-length image

Nucleus Forceps

2-796E



Nucleus Removal Forceps

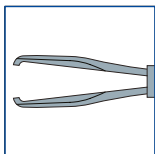
- 4mm serrated tips
- 30° angled shafts, tip to angle length 14mm
- Flat handle, overall length 90mm

- **E Range single piece instrument**

Design registration number 004383396-0001

IOL Forceps

2-695

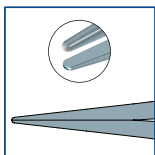


IOL Implant Gripping Forceps, 23 Gauge

- Fine end gripping tips
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 122mm
- Designed to work in conjunction with the 1-695 IOL Scissors

Plain Forceps

2-900E



Jewellers Forceps

Engraved Symbol

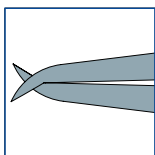
Plain / Jewellers



- Plain tips without tying platforms
- Straight shafts
- Flat handle, overall length 90mm
- **E Range single piece instrument**
Design registration number 004383396-0001

Toothed Forceps

2-160E

Engraved Symbol

Toothed



Troutman Superior Rectus Forceps, 0.5mm

- 0.5mm, 1 x 2 teeth
- 45° angled shafts, tip to angle length 10mm
- Flat handle, overall length 115mm
- **E Range single piece instrument**
Design registration number 004383396-0001



Titanium Reusable Ophthalmic Instruments



Needle Holders

- Jaw Length 7mm
- Jaw Length 9mm
- Jaw Length 12mm



**Jaw**

Straight or Curved options in 7mm, 9mm or 12mm jaw lengths.

Tip

Standard, Blunt, Delicate or Heavy options available.

Spring

All are tag springs, other than the Barraquer style, which have hinge springs.

Handle

- Short handles have closed length between 108mm and 110mm.
- Standard handles 119mm in length.
- Long handles have closed length between 136mm and 140mm.

More Details...

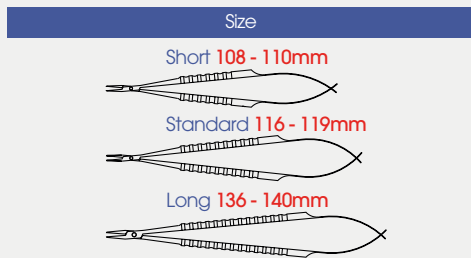
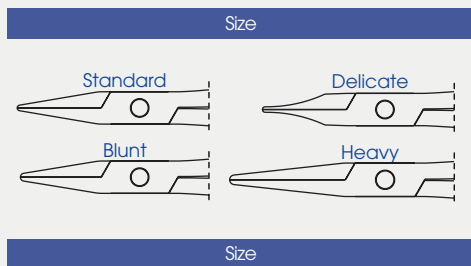
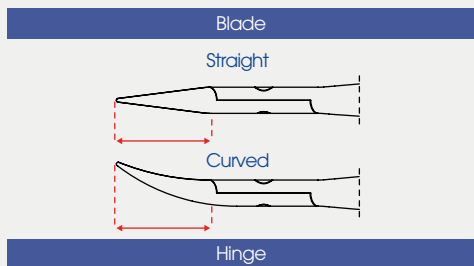
For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Needle Holder

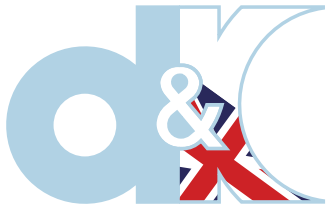
| Jaw | Tip | Handle | Additional Information | With Lock | Without Lock |
|--------------|----------|----------|--------------------------|-----------|--------------|
| 7mm Straight | Delicate | Short | Needle Holder | 3-208 | - |
| 7mm Curved | Delicate | Short | Needle Holder | 3-206 | 3-205 |
| | | Standard | Needle Holder | 3-423 | 3-422 |
| 9mm Straight | Standard | Short | Needle Holder | - | 3-201 |
| 9mm Curved | Standard | Short | Needle Holder | 3-202 | 3-203 |
| | | Long | Needle Holder | 33-202 | 33-203 |
| | Blunt | Short | Needle Holder | 3-222 | 3-223 |
| | | Long | Needle Holder | 33-222 | 33-223 |
| | Delicate | Short | *Barraquer Needle Holder | 3-302 | 3-303 |
| | | Long | *Barraquer Needle Holder | - | 33-303 |
| 12mm Curved | Heavy | Long | Needle Holder | - | 33-225 |

Best Sellers





Titanium Reusable Ophthalmic Instruments



Diamond Knives

- Straight Retractable
- Angled Retractable
- Micrometer
- LRI





Blade Position

Straight or Angled options available.

Blade Style

Several different blade configurations available.

Handle

Sleek design with single position fully exposing the diamond.

Pearce Retractable (4-600) offers a second position 10mm shaft extension.

Straight overall length 124mm in exposed position.

Angled overall length 136mm in exposed position.

More Details...

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

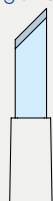
Product Name - Diamond Knife

| Blade Position | Blade Style | Blade Width | Additional Information | |
|----------------|-------------|-------------|----------------------------------|-------|
| Straight | 45° Single | 1mm | Retractable Diamond Knife | 4-100 |
| | Trifacet | 1mm | Retractable Diamond Knife | 4-115 |
| | 30° Single | 1mm | Retractable Diamond Knife | 4-125 |
| | 45° Double | 1mm | Pearce Retractable Diamond Knife | 4-600 |
| Angled | Spear | 2.4mm | Angled Retractable Diamond Knife | 4-416 |
| | | 2.5mm | Angled Retractable Diamond Knife | 4-415 |

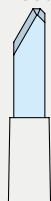
Best Sellers

Blade Style

Single Edge



Trifacet

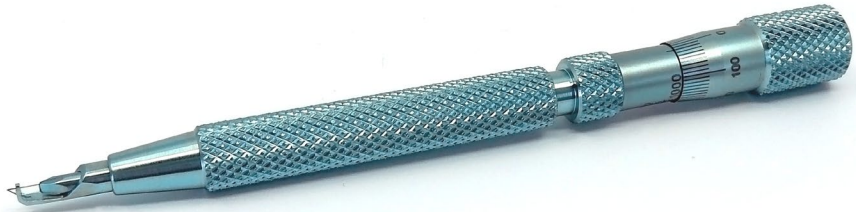


Double Edge

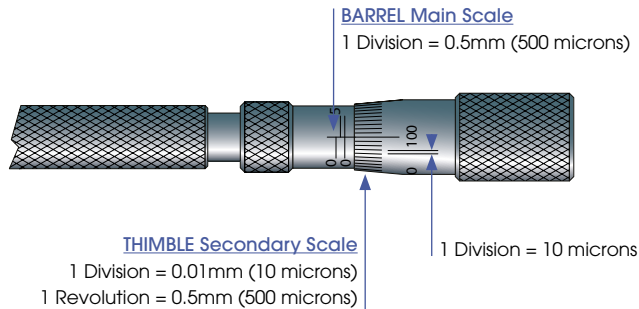


Spear





Micrometer Handle



Blade Style

Five different blade configurations available.

Handle

Micrometer of the highest precision, with an easy legible scale. Overall length 105mm in retracted position.

Blade Depth

Blade depth can be set from 0 to 1mm with a scale measuring 0.01mm (10 micron) increments.

Blade Depth Setting instructions

If a blade depth of 600 microns is required, the main scale on the barrel will need to be set at 500 microns and the secondary scale on the thimble will need to be set at 100 microns. The addition of the 2 scales will give the correct depth.

i.e.: Main scale + Secondary scale = Total depth
e.g.: 500 + 100 = 600 microns.

More Details...

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

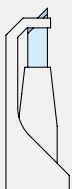
Product Name - Diamond Knife

| Blade Style | Blade Width | Additional Information | |
|---------------------|-------------|-----------------------------------|---------|
| 45° Single Edge | 1mm | Micrometer Diamond Knife | 5-300-1 |
| 45° Double Edge | 1mm | Micrometer Diamond Knife | 5-310-1 |
| Rectangular | 1mm | Thornton Micrometer Diamond Knife | 5-330-1 |
| Bifacet | 1mm | Micrometer Diamond Knife | 5-340-1 |
| Triple Edge Arcuate | 0.5mm | Thornton Micrometer Diamond Knife | 5-362 |
| | 1mm | Thornton Micrometer Diamond Knife | 5-360-1 |

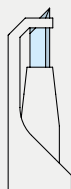
Best Sellers

Blade Style

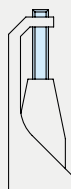
Single Edge



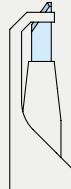
Double Edge



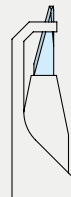
Rectangular



Bifacet

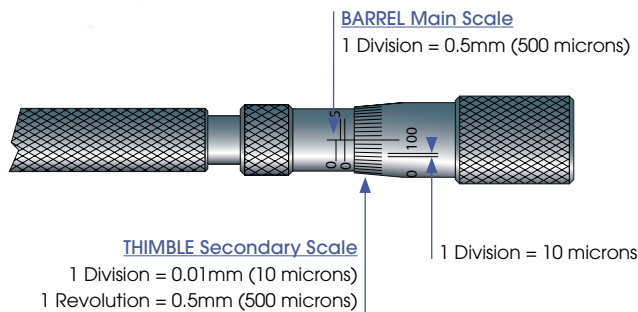


Triple Edge Arcuate





Micrometer Handle



Blade Style

Wallace, Packard-Rosen or Micrometer style options available.

Handle

Micrometer of the highest precision, with an easy legible scale. Overall length 105mm to 120mm in retracted position.

Blade Width

All blades have a width of 1mm, with a 0.2mm front flap at tip.

Blade Preset Depth

Several options available.

Micrometer Blade Depth

Blade depth can be set from 0 to 1mm with a scale measuring 0.01mm (10 micron) increments.

Blade Depth Scale

If a blade depth of 600 microns is required, the main scale on the barrel will need to be set at 500 microns and the secondary scale on the thimble will need to be set at 100 microns. The addition of the 2 scales will give the correct depth.

i.e.: Main scale + Secondary scale = Total depth
e.g.: 500 + 100 = 600 microns.

More Details...

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Diamond Knife

| Blade Preset Depth | Overall Length | Additional Information |
|--------------------|----------------|--|
| 600microns | 120mm | Wallace LRI Diamond Knife 4-620 |
| 500microns | 120mm | Wallace LRI Diamond Knife 4-620-3 |
| 450microns | 120mm | Wallace LRI Diamond Knife 4-620-4 |
| 600microns | 118mm | Packard-Rosen LRI Diamond Knife 4-621 |

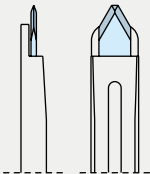
Micrometer

| Blade Preset Depth | Overall Length | Additional Information |
|--------------------|----------------|---|
| Micrometer | 105mm | LRI Micrometer Diamond Knife 5-305-1 |

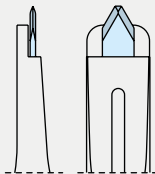
Best Seller

Blade Style

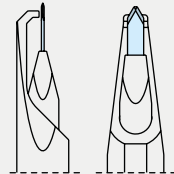
Wallace



Packard-Rosen



Micrometer





Titanium Reusable Ophthalmic Instruments



Choppers, Spatulas and Manipulators

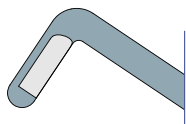
- Horizontal Choppers
- Vertical Choppers
- Spatulas
- Hooks
- Manipulators and Rotators
- DMEK
- Femtosecond and LASIK Spatulas
- ICL Manipulators
- SMILE



Horizontal Choppers

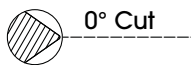
Horizontal choppers have a cutting edge which enables the chopper to cut through the nucleus in a horizontal direction.

The inserts are intended to illustrate the tip of a chopper and the direction of its cutting edge(-s) in relation to the shaft of the instrument as it is designed to be used.



Side View

Our simplified 2D side view shows the shape of the instrument and size of the blade



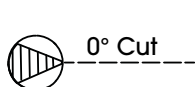
Cutting Edge Angle

Dashed line represents the axis of the shaft. Hatched area shows cross-section view of chopper tip shape. Degree refers to angle of chopper cutting edge in relation to shaft axis

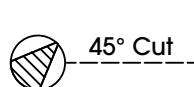


Cutting Direction

Illustrates direction and angle that the instrument is designed to cut, viewed from above

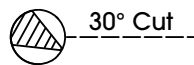
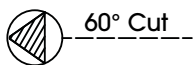


Symmetrical



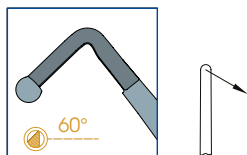
Asymmetrical

For use through the specified side port



Nucleus Chopper

6-072-1



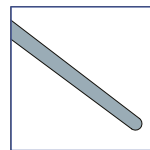
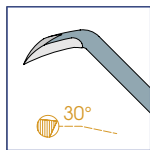
Bordeianu Nucleus Chopper

- Sharp inner sides of tip
- Tip length 1.75mm
- **Cutting edge 60° to axis**
- Tip to angle length 10mm
- 60° angled shaft
- **0.55mm constant diameter shaft to reduce leakage**
- Round handle, overall length 124mm
- **Designed for right-handed phaco surgeons to be used through the left side port**



Nucleus Chopper

6-074-1



Araslan Nucleus Chopper and Spatula

Nucleus Cutter

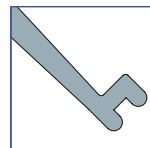
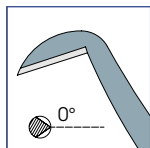
- Sharp point
- Tip length 1.2mm
- **Cutting edge 30° to axis**
- Tip to angle length 9.8mm
- 60° angled curved shaft
- **Designed for right-handed phaco surgeons to be used through the left side port**

Spatula

- 0.4mm diameter blunt tip spatula
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 119mm

Nucleus Chopper

6-075



Packard 'Fat Boy' Nucleus Chopper and Capsule Retractor

Nucleus Cutter

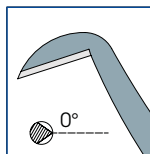
- Straight, sharp inner sides of tip
- Tip length 1.26mm
- **Cutting edge 0° to axis**
- 50° angled shaft
- Tip to angle length 10mm
- **Tapered shaft to reduce leakage**

Capsule Retractor

- 0.25mm tip
- Tip to angle length 10mm
- 45° angled shaft
- **Tapered shaft to reduce leakage**
- Round handle, overall length 130mm

Nucleus Chopper

6-075-1

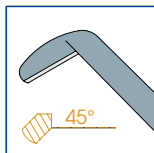


Packard 'Fat Boy' Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.24mm
- **Cutting edge 0° to axis**
- Tip to angle length 10mm
- 50° angled shaft with slight curve
- Round handle, overall length 118mm

Nucleus Chopper

Best Seller 6-076

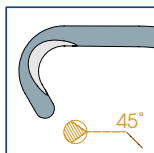


Rosen Nucleus Splitter

- Straight, sharp inner sides of tip
- **Tip length 0.8mm**
- **Cutting edge 45° to axis**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

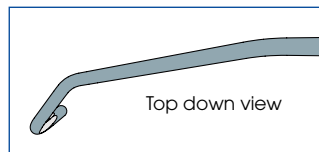
Nucleus Chopper

6-079



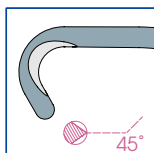
Green Nucleus Chopper

- Curved, sharp inner sides of tip
- Tip length 1mm
- **Cutting edge 45° to axis**
- Tip to angle length 9mm
- 65° angled shaft
- Round handle, overall length 117mm
- **Designed for right-handed phaco surgeons to be used through the left side port**



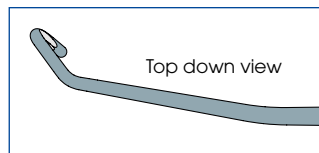
Nucleus Chopper

6-079-1



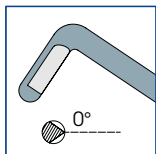
Green Nucleus Chopper

- Curved, sharp inner sides of tip
- Tip length 1mm
- **Cutting edge 45° to axis**
- Tip to angle length 9mm
- 65° angled shaft
- Round handle, overall length 117mm
- **Designed for left-handed phaco surgeons to be used through the right side port**



Nucleus Chopper

Best Seller 6-080

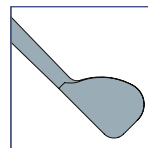
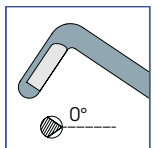


Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 0° to axis**
- Tip to angle length 14mm
- 45° angled shaft
- Round handle, overall length 122mm

Nucleus Chopper

6-080-2



Nucleus Chopper and Rotator

Nucleus Chopper

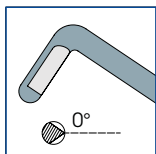
- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 0° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Nucleus Rotator

- 1.25 x 1mm blunt tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 129mm

Nucleus Chopper

6-080-3



Find! Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 0° to axis**
- Tip to angle length 14mm
- 45° angled shaft
- Round handle, overall length 122mm
- **Parallel shaft to reduce leakage**

Nucleus Chopper

6-080-4



Find! Nucleus Chopper and Spatula

Nucleus Chopper

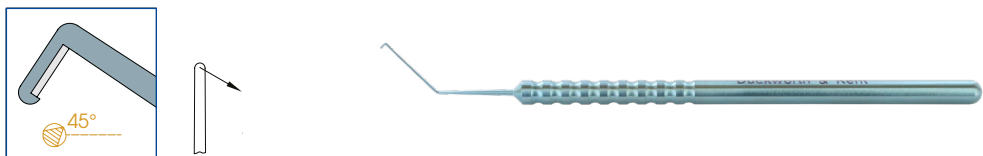
- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 0° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Spatula

- 0.5mm width, 0.25mm thickness
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 131mm

Nucleus Chopper

Best Seller 6-081

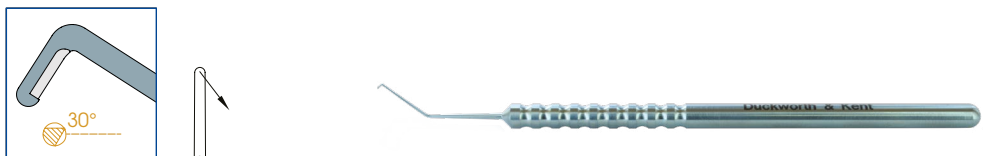


Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 45° to axis**
- Tip to angle length 14mm
- 45° angled shaft
- Round handle, overall length 122mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-081-3

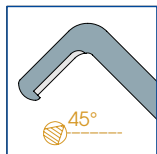


Nucleus Chopper

- Straight, sharp inner / outer sides of tip
- Tip length 1.25mm
- **Cutting edge 30° to axis**
- Tip to angle length 10.5mm
- 45° angled shaft
- Round handle, overall length 119mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-083

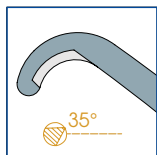


Hara Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.15mm
- **Cutting edge 45° to axis**
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 116mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-083-1

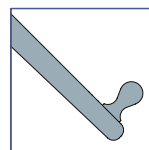
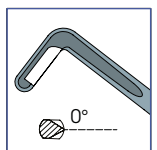


Hara Nucleus Chopper

- Curved, sharp inner sides of tip
- Tip length 1.1mm
- **Cutting edge 35° to axis**
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 115mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-083-5



Sibilio Nucleus Chopper and Manipulator

Nucleus Chopper

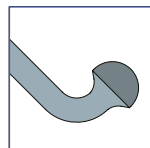
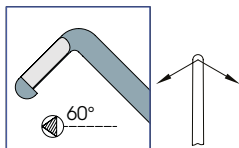
- Straight sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 0° to axis**
- Tip to angle length 11mm
- 45° angled shaft

Manipulator

- 0.3mm diameter tip
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 132mm

Nucleus Chopper

Best Seller 6-085



Barrett Nucleus Chopper and Manipulator

Nucleus Chopper

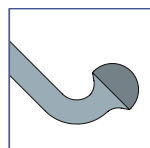
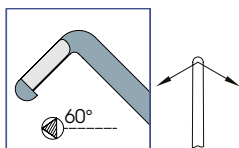
- Straight, sharp inner/outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Manipulator

- 0.65mm mushroom tip
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balanced set handle**, overall length 124mm

Nucleus Chopper

Best Seller 6-085-1



Barrett Nucleus Chopper and Manipulator

Nucleus Chopper

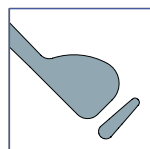
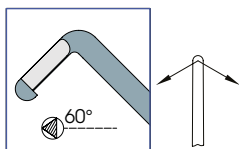
- Straight, sharp inner/outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Manipulator

- 0.65mm mushroom tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 130mm

Nucleus Chopper

6-085-3



Nucleus Chopper and Rotator

Nucleus Chopper

- Straight, sharp inner/outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Nucleus Rotator

- 1.25 x 1mm blunt tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 129mm

Nucleus Chopper

Best Seller

6-085-6



Barrett Nucleus Chopper and Divider

Nucleus Chopper

- Straight, sharp inner/outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Nucleus Divider

- Sharp edge at base of tip
- Tip length 1.25mm
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balance set handle**, overall length 125mm

Nucleus Chopper

6-085-8



Nucleus Chopper and Rotator

Nucleus Chopper

- Straight, sharp inner / outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Nucleus Rotator

- 1 x 0.5mm blunt tip
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balanced set handle**, overall length 125mm

Nucleus Chopper

6-086



Inamura Nucleus Chopper and Manipulator

Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.1mm
- **Cutting edge 45° to axis**
- Tip to angle length 11mm
- 45° angled shaft

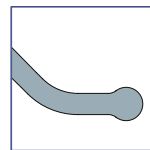
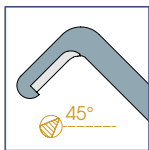
Manipulator

- 0.55mm ball shaped tip
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 129mm

• **Designed for left-handed phaco surgeons to be used through the right side port**

Nucleus Chopper

6-086-1



Inamura Nucleus Chopper and Manipulator

Nucleus Chopper

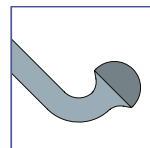
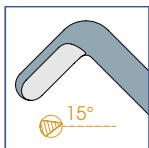
- Straight, sharp inner sides of tip
- Tip length 1.1mm
- **Cutting edge 45° to axis**
- Tip to angle length 11mm
- 45° angled shaft
- **Designed for right-handed phaco surgeons to be used through the left side port**

Manipulator

- 0.55mm ball shaped tip
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 129mm

Nucleus Chopper

6-086-5



Jakobsen-Barrett Nucleus Chopper and Manipulator

Nucleus Chopper

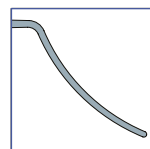
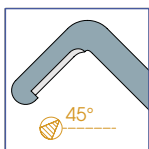
- Blunt ended tip, straight sharp inner sides
- Tip length 1mm
- **Cutting edge 15° to axis**
- Tip to angle length 10mm
- 45° angled shaft
- **Designed for right-handed phaco surgeons to be used through the left side port**

Manipulator

- 0.65mm **highly polished** mushroom
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 126mm

Nucleus Chopper

6-086-6



Nucleus Chopper and Repositor

Nucleus Chopper

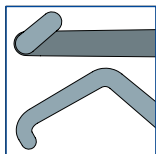
- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 45° to axis**
- Tip to angle length 14mm
- 45° angled shaft
- **Designed for right-handed phaco surgeons to be used through the left side port**

Repositor

- 0.5mm diameter blunt tip spatula
- Tip to angle length 14mm
- 45° angled shaft
- Round handle, overall length 132mm

Hook

6-086-4

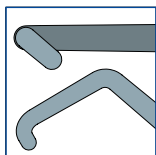


Inamura RACE Hook, Right Hand

- Tip to angle length 0.5mm
- Tip length, angle to angle, 1.5mm
- 40° angle to tip length 9mm
- Round handle, overall length 119mm
- **Designed for left-handed phaco surgeons to be used through the right side port**

Hook

6-086-7

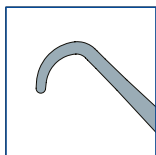


Inamura RACE Hook, Left Hand

- Tip to angle length 0.5mm
- Tip length, angle to angle, 1.5mm
- 40° angle to tip length 9mm
- Round handle, overall length 119mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-071

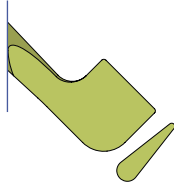


Scott Femto Nucleus Chopper

- Curved, smooth round tip
- Tip to angle length 10mm
- 45° angled shaft
- **0.45mm constant diameter shaft to reduce leakage**
- Round handle, overall length 120mm

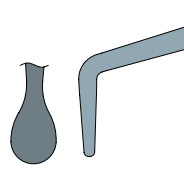
Vertical choppers have a cutting edge or sharp point enables the chopper to split or crack the nucleus in a vertical direction.

This diagram illustrates how we translate a tip view into a visual representation of the blade shape and position of the vertical chopper.



Axe

Coloured tip view with view of Axe from above

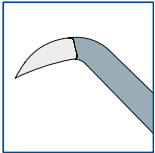


Divider

Coloured tip view with view of divider from above

Nucleus Chopper

6-074-2

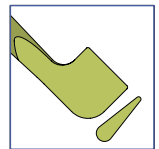
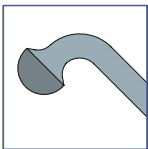


Parmar Vertical Chopper

- Sharp point
- Tip length 0.75mm
- **Cutting edge 0° to axis**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 115mm

Nucleus Chopper

6-085-2



Barrett Phaco-Axe and Manipulator

Manipulator

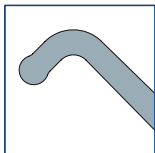
- 0.65mm **highly polished** mushroom rotator
- Tip to angle length 10mm
- 45° angled shaft

Phaco-Axe

- 0.75 x 0.75mm axe
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balance handle**, overall length 122mm
- **Axe direction suitable for a right-handed phaco surgeon to be used through the left side port**

Nucleus Chopper

Best Seller 6-087

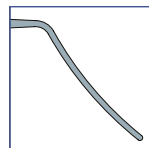
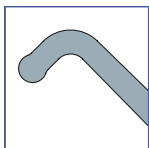


Mackool Phaco Chopper

- Straight miniature 0.3mm diameter ball shaped tip
- Tip length 0.6mm
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm

Nucleus Chopper

6-087-1



Mackool Phaco Chopper and Spatula

Chopper

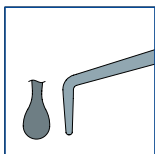
- Straight miniature 0.35mm diameter ball shaped tip
- Tip length 0.7mm
- Tip to angle length 10mm
- 45° angled shaft

Spatula

- 0.4mm diameter blunt tip spatula
- Tip to angle length 11mm
- 50° angled shaft
- Round handle, overall length 114mm

Nucleus Divider

Best Seller 6-090

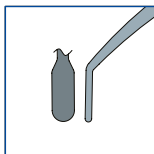


Nucleus Dividing Hook

- Straight, bulbous shape flat tip
- Tip width 0.62mm, length 0.9mm
- Tip to angle length 11mm
- 35° angled shaft
- Round handle, overall length 115mm

Nucleus Divider

6-090-3



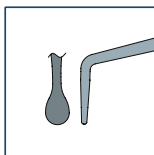
Sugiura Nucleus Dividing Hook

- Paddle shape divider
- Tip 1.5mm long by 0.6mm wide
- Tip to angle length 10mm
- Curved shaft at 45° angle
- Round handle, overall length 113mm



Nucleus Divider

6-090-6



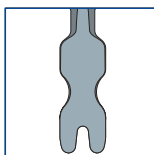
Wada Nucleus Dividing Hook

- Paddle shape divider
- Thinner dividing edge on right side
- Tip 1.35mm long by 0.6mm wide
- Tip to angle length 11mm
- Straight shaft at 40° angle
- Round handle, overall length 114mm
- **Designed for right-handed phaco surgeons to be used through the left side port**



Nucleus Divider

6-090-7



Rana-Ota Nucleus Dividing Hook

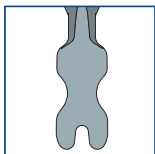
- Vertical paddle shaped divider with slot
- Tip 1.75mm length
- Tip to angle length 11mm
- Straight shaft at 40° angle
- Round handle, overall length 114mm



Nucleus Divider

Best Seller

6-090-8

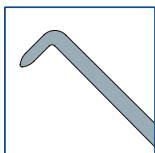


Rana-Ota Nucleus Dividing Hook

- Vertical paddle shaped divider with slot
- Tip 1.4mm length
- Tip to angle length 11mm
- Straight shaft at 40° angle
- Round handle, overall length 114mm

Nucleus Chopper

6-093

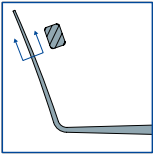


Vertical Chopper

- Straight, blunt tip
- Tip length 1mm
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 121mm

Spatula

6-099

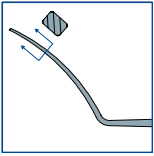


Mackool-Barraquer Spatula

- 0.45mm width, 0.25mm thickness
- Tip to angle length 15mm
- 70° angled blade
- Round handle, overall length 115mm

Spatula

Best Seller 6-099-1

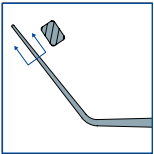


Iris Reposer

- 0.45mm width, 0.25mm thickness
- Tip to angle length 15mm
- 45° angled blade
- Highly polished internal face of curved tip
- Round handle, overall length 120mm

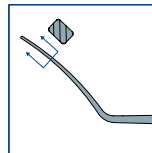
Spatula

6-099-2



Spatula

- 0.5mm width, 0.2mm thickness
- Tip to angle length 10mm
- 50° angled blade
- Highly polished underside of blade
- Round handle, overall length 118mm



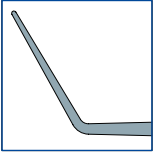
6-099-4

Spatula

- 45° curved blade

Spatula

6-099-3



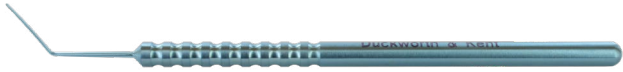
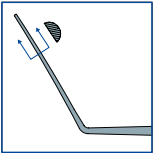
Anwar Keratoplasty Spatula

- 0.25mm diameter blunt tip
- Tip tapered from 0.5mm diameter
- Tip to angle length 7mm
- 60° angled blade
- Round handle, overall length 115mm

Spatula

Best Seller

6-100

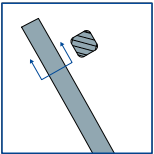


Castroviejo Style Cyclodialysis Spatula

- 0.7mm width, 0.25mm thickness
- Tip to angle length 13mm
- 60° slightly curved blade
- Round handle, overall length 118mm

Spatula

6-101

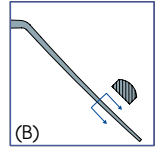
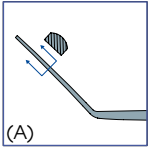


Barraquer Style Iris Spatula

- 0.25mm width, 0.25mm thickness
- Tip to angle length 15mm
- 70° angled blade
- Round handle, overall length 115mm

Spatula

6-102



Castroviejo Style Double Ended Synechia Spatula

(A) Spatula

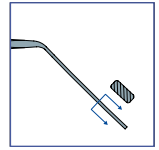
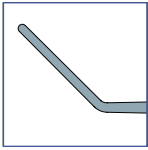
- 0.5mm width, 0.25mm thickness
- **Tip to angle length 10mm**
- 45° angled blade

(B) Spatula

- 0.5mm width, 0.25mm thickness
- **Tip to angle length 15mm**
- 45° angled blade
- Round handle, overall length 130mm

Spatula

6-105-1



Double Ended Spatula

Rounded tip

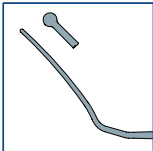
- 0.6mm diameter tip
- Tip to angle length 8mm
- 45° angled blade

Flattened tip

- 0.2mm x 0.5mm highly polished tip
- Tip to angle length 8mm
- 45° angled blade
- Round handle, overall length 123mm

Spatula

6-107



Round Tip Spatula

- 0.3mm width spatula with a 0.65mm diameter round tip
- Tip to angle length 11mm
- 47° angled curved blade
- Round handle, overall length 121mm

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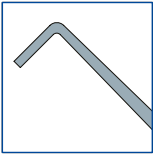
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Hook

6-112

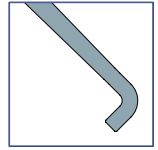
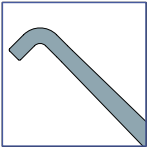


Anwar Keratoplasty Hook

- 0.18mm diameter tip for 1mm height
- Flat face at tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm

Sinskey Hook

6-245

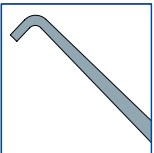


Double Ended Sinskey Hook

- **2 x 0.2mm diameter tips, 0.38mm height**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 125mm

Sinskey Hook

6-249

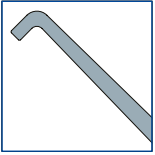


Delicate Sinskey Hook

- **0.12mm diameter tip, 0.35mm height**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm

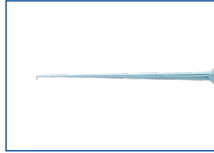
Sinskey Hook

Best Seller 6-250



Sinskey Hook

- **0.18mm diameter tip, 0.35mm height**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm



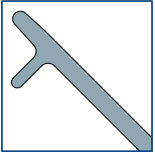
Best Seller 6-251

Sinskey Hook

- Straight shaft
- Round handle, overall length 121mm

Hook

6-500



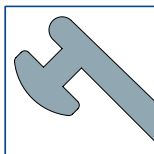
Fenzl Hook

- 0.13mm diameter, 0.5mm height dialler
- Tip to angle length 9mm
- 45° angled shaft
- Round handle, overall length 117mm



IOL Hook

Best Seller 6-400



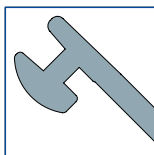
Kuglen IOL Hook

- 0.76mm x 0.75mm x 0.25mm rotator tip
- Tip to angle length 9mm
- 45° angled shaft
- Round handle, overall length 122mm



IOL Hook

6-400-1



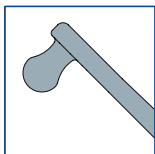
Mackool-Kuglen IOL Hook

- 0.88mm x 0.86mm x 0.25mm rotator tip
- Tip to angle length 9mm
- 45° angled shaft
- Round handle, overall length 118mm



IOL Manipulator

6-417

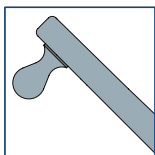


Ogawa IOL Manipulator

- 0.5mm diameter tip
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 119mm

IOL Manipulator

6-418

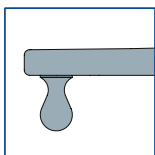


Ogawa Miniature IOL Manipulator

- **0.3mm diameter tip**
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 119mm

IOL Manipulator

6-418-1

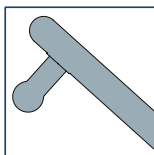


Ogawa Miniature IOL Manipulator, Straight

- 0.3mm diameter tip
- **Straight shaft**
- Round handle, overall length 122mm

IOL Manipulator

Best Seller 6-450

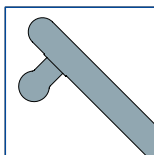


Lester IOL Manipulator

- 0.4mm diameter tip
- Tip to angle length 9mm
- 45° angled shaft
- Round handle, overall length 118mm

IOL Manipulator

6-460

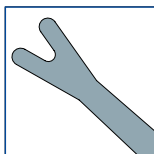


Hirschman IOL Manipulator

- 0.4mm diameter tip
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 120mm

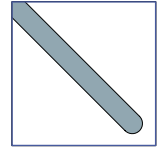
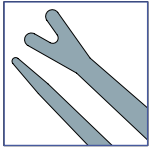
IOL Manipulator

6-467



IOL Manipulator

- **0.67mm vertically forked tip**
- Tip to angle length 9mm
- 45° angled shaft
- Round handle, overall length 117mm



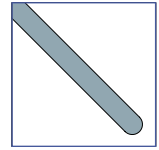
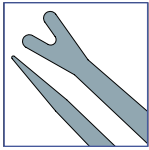
IOL Manipulator and Spatula

IOL Manipulator

- **0.67mm vertically forked tip**
- Tip to angle length 9mm
- 45° angled shaft

Spatula

- 0.55mm diameter spatula
- Tip to angle length 11.5mm
- 45° angled shaft
- Round handle, overall length 125mm



IOL Manipulator and Spatula

IOL Manipulator

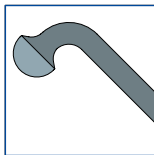
- **0.67mm delicate vertically forked tip**
- Tip to angle length 9mm
- 45° angled shaft

Spatula

- 0.55mm diameter spatula
- Tip to angle length 11.5mm
- 45° angled shaft
- Round handle, overall length 125mm

Nucleus Manipulator

6-472

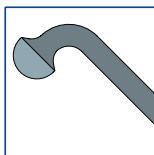


Barrett Nucleus Manipulator

- 0.65mm mushroom style tip
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balanced set handle**, overall length 119mm

Nucleus Manipulator

Best Seller 6-472-1

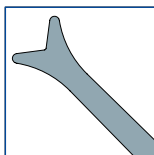


Nucleus Manipulator

- 0.65mm mushroom style tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm

Nucleus Rotator

6-470

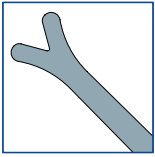


Bechert Nucleus Rotator

- 0.78mm vertically forked tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm

Nucleus Rotator

6-476

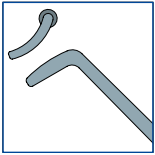


Mackool Nucleus Rotator

- 0.78mm vertically forked tip
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 120mm

Nucleus Rotator

6-491-2

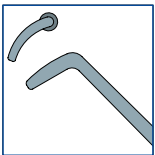


Nucleus Rotator

- 0.2mm by 0.3mm tip
- 1.75mm tip length, **curved to right**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Rotator

6-491-3

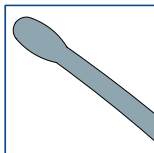


Nucleus Rotator

- 0.2mm by 0.3mm tip
- 1.75mm tip length, **curved to left**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm
- **Designed for left-handed phaco surgeons to be used through the right side port**

Nucleus Rotator

6-494

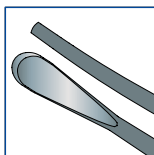


Nucleus Rotator

- 0.65mm diameter tip
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 120mm

Nucleus Rotator

6-495

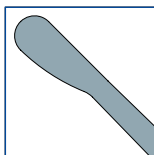


Brazier Nucleus Rotator

- 0.75mm blunt tip
- Tip to curve length 23mm
- 35° curved shaft
- Round handle, overall length 118mm

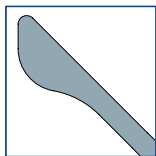
Nucleus Rotator

Best Seller 6-496



Drysdale Rotator, Small

- **0.5mm x 1.3mm round ended paddle**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm



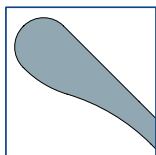
Drysdale Rotator, Angled

- **0.5mm x 1.4mm angled paddle**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm

Nucleus Rotator

Best Seller

6-496-2

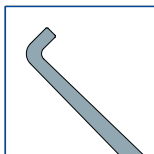


Drysdale Rotator, Large

- **0.8mm x 2.4mm large round ended paddle**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm

DMEK Hook

Best Seller 6-250-1

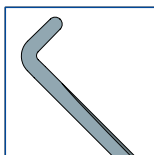


Reverse Sinskey Hook

- **0.18mm diameter tip, 0.35mm height pointing upwards**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm

DMEK Hook

6-250-2

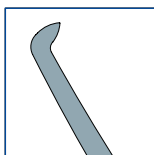


Güell Reverse Sinskey Hook

- **0.22mm diameter rounded tip, 0.7mm height pointing upwards**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm

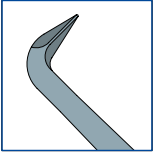
DMEK Hook

6-258



Descemet's Hook

- 0.2mm diameter, 0.5mm height
- Pointed tip
- Tip to angle length 14mm
- 45° slightly curved shaft
- Round handle, overall length 117mm

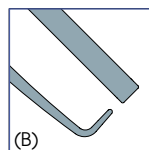
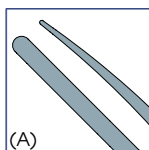


Daya Descemet's Scraper

- 0.2mm tip width, 0.5mm height
- Sharp edges around tip
- Tip to angle length 14mm
- 45° angled shaft
- Round handle, overall length 121mm

Femto Spatula

6-848



Krokchings Double Ended Femto Spatula

(A) Femto Spatula

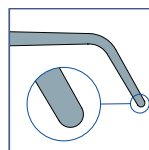
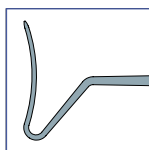
- Fine flat tapered tip from 0.3mm
- Tip to angle 4mm
- 45° slightly curved blade
- Used to open primary and secondary femto created incisions

(B) Femto Spatula

- Fine point, 0.5mm width x 0.5mm height
- Fine point 90° to blade
- Tip to angle 4mm
- 45° slightly curved blade
- Used to open limbal relaxing incisions (LRI)
- Round handle, overall length 119mm

Femto Spatula

6-855



Femto Flap Lifter and Re-treatment Spatula

Flap Lifter

- 0.4mm diameter, smooth polished surface
- Curved shaft, 12mm length

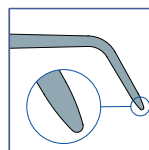
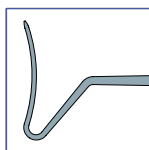
Re-treatment Spatula

- 0.15mm tip diameter, smooth polished surface
- **Round shaped tip**
- Tip to angle length 3mm
- 60° angled blade
- Round handle, overall length 123mm

Femto Spatula

Best Seller

6-855-1



Femto Flap Lifter and Re-treatment Spatula

Flap Lifter

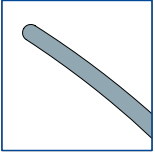
- 0.4mm diameter, smooth polished surface
- Curved shaft, 12mm length

Re-treatment Spatula

- 0.15mm tip diameter, smooth polished surface
- **Bullet shaped tip**
- Tip to angle length 3mm
- 60° angled blade
- Round handle, overall length 123mm

Femto Spatula

6-856

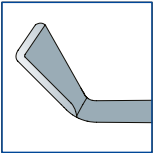


Femto Spatula

- 0.5mm spatula
- Smooth slightly curved shaft with blunt tip
- Tip to angle length 10mm
- 45° angled blade
- Round handle, overall length 118mm

Epithelial Separator

6-866

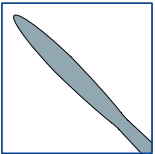


Epithelial Separator

- 5mm triangular-shaped tip
- 45° angled blade
- Round handle, overall length 115mm

LASIK Spatula

6-870

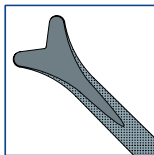


Buratto LASIK Oval Spatula

- 1.3mm wide, oval shaped spatula
- Tip to angle length 10.5mm
- 35° angled curved blade
- Round handle, overall length 122mm

ICL Manipulator

6-479

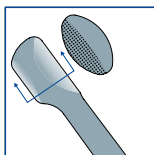


Deitz ICL Manipulator

- 0.78mm vertically forked tip
- **Lightly textured surface on underside from tip to angle**
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 119mm

ICL Manipulator

Best Seller 6-481

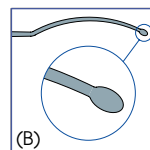
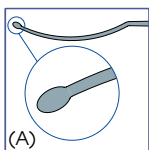


Pallikaris ICL Manipulator

- 0.7mm x 0.4mm oval shaped tip
- Textured finish on rounder side
- Tip to angle length 12mm
- 45° slightly curved shaft
- Round handle, overall length 119mm

ICL Manipulator

6-482



Bylsma Double Ended ICL Manipulator

(A) Manipulator

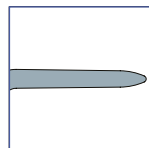
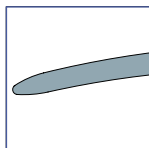
- 0.6mm x 1.1mm oval shaped tip
- Tip to angle length 12.5mm
- 45° angled curved shaft (curved left)

(B) Manipulator

- 0.6mm x 1.1mm oval shaped tip
- Tip to angle length 12.5mm
- 45° angled curved shaft (curved right)
- Round handle, overall length 143mm

SMILE Dissector

6-835



SMILE Double Ended Dissector

Bullet Shaped Tip

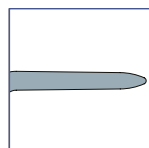
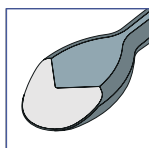
- **0.4mm diameter bullet shaped tip**
- Tip to angle length 9.5mm
- 60° angled curved shaft
- **Laser markings on angled shaft at 7mm, 7.5mm and 8mm from tip**

Bullet Shaped Tip

- **0.25mm diameter bullet shaped tip**
- Tip to angle length 2mm
- 60° angled shaft
- Round handle, overall length 117mm

SMILE Dissector

Best Seller 6-836



SMILE Double Ended Dissector with Spoon Tip

Spoon Shaped Tip

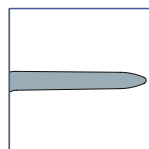
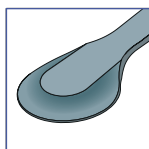
- 1.25 x 0.35mm spoon-shaped tip
- Tip to angle length 9.5mm
- 70° angled curved shaft
- **Laser markings on angled shaft at 7mm, 7.5mm and 8mm from tip**

Bullet Shaped Tip

- **0.25mm diameter bullet shaped tip**
- Tip to angle length 2mm
- 60° angled shaft
- Round handle, overall length 116mm

SMILE Dissector

6-836-1



SMILE Double Ended Dissector with Tanageri Spoon Tip

Spoon Shaped Tip

- 1.3 x 0.2mm semi-sharp spoon-shaped tip
- Tip to angle length 8.5mm
- 60° angled straight shaft
- **Laser markings on angled shaft at 7mm, 7.5mm and 8mm from tip**

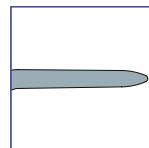
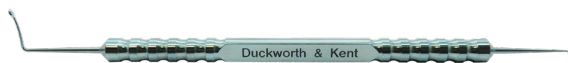
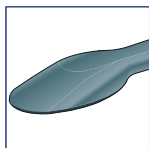
Bullet Shaped Tip

- **0.25mm diameter bullet shaped tip**
- Tip to angle length 1.5mm
- 60° angled shaft
- Round handle, overall length 116mm

SMILE Dissector

Best Seller

6-836-2



Reinstein Double Ended Lenticule Separator

Spoon Shaped Tip

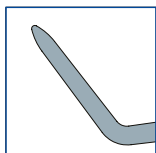
- **1.2 x 0.4mm smooth spoon-shaped tip**
- Tip to angle length 8.5mm
- 90° angled curved shaft

Bullet Shaped Tip

- **0.22mm diameter bullet shaped tip**
- Tip to angle length 2mm
- 60° angled shaft
- Round handle, overall length 114mm

SMILE Dissector

6-839

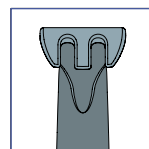
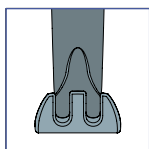


SMILE Short Dissector

- **0.22mm diameter bullet shaped tip**
- Tip to angle length 2mm
- 60° angled shaft
- Round handle, overall length 112mm

SMILE Hook

6-837



SMILE Double Ended Lenticule Hook

- 1mm wide 3 pronged hooks tip up and tip down
- Tip to angle length 10mm
- 70° angled shafts
- Round handle, overall length 123mm



Titanium Reusable Ophthalmic Instruments



Miscellaneous

- **Cataract**
 - Iris Retractor and Cataract Support System
 - Capsule Polisher
 - Lens Loop and Expressor
- **Corneal**
 - Lamellar Dissector
 - Trephine Guide / Alcohol Chamber
 - CXL
 - Keratometer
 - Scleral Support Rings
- **Glaucoma**
 - Punches
 - Conjunctival Clamps
- **Lacrimal**
 - Probes and Dilators
- **Oculoplastics**
 - Curettes
 - Eye Shields
 - Retractors
 - Clamps
- **Paediatric**
 - Muscle Hooks
- **Vitreoretinal**
 - Scleral Depressors
 - Membrane Spatula
 - Cannula Forceps

Iris Retractor

6-130

Mackool Iris Retractor

- **Tip to block length 3.17mm**
- Supplied individually

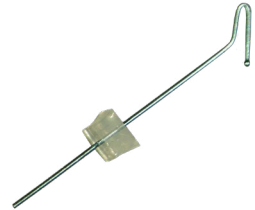


Cataract Support

Best Seller 6-140

Mackool Cataract Support System

- (6 to 8 recommended)
- 0.3mm x 2.8mm hook
- **Overall length 8.7mm**
- Supplied individually



Sterilising Case

6-135

Mackool Holder / Sterilising Case

- External dimensions: 19mm diameter, 12mm height
- Internal dimensions: 15mm diameter, 10mm height
- Made from titanium



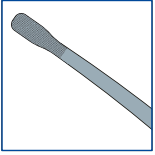
6-135-1

Mackool Holder / Sterilising Case

- Made from Ultem, a semi transparent orange coloured plastic

Capsule Polisher

6-510

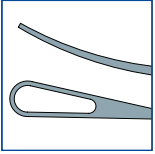


Mackool Capsule Polisher

- 0.3mm diameter olive shaped textured tip
- 45° angled shaft, tip to angle length 11mm
- Round handle, overall length 119mm

Lens Loop

6-610

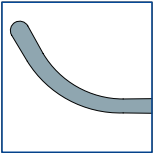


Barrett Lens Loop

- 4mm x 12mm loop (outside dimension)
- 3mm x 9mm loop (inside dimension)
- **Barrett balanced set handle**, overall length 121mm

Nucleus Expressor

6-630

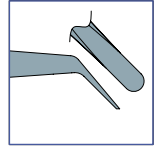
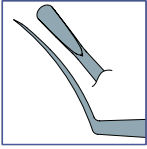


Barrett Nucleus Expressor

- 2mm bulbous tip, curved shaft
- **Barrett balanced set handle**, overall length 120mm

Lamellar Dissector

6-607



Morlet Lamellar Dissector and Knife

Dissector

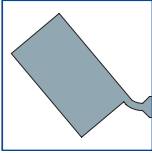
- 0.35mm x 2mm curved
- Angled shaft 12mm tip to curve

Knife

- 0.1mm x 1.5mm with sharp edges
- Tip to angle length 3mm
- Round handle, overall length 111mm

Trepine Guide

6-946



Trepine Guide, Ø9.0mm and Alcohol Chamber

- Alcohol chamber, height 6mm
- Designed as a 9mm diameter guide and as an alcohol chamber
- Round handle, overall length 129mm

Maloney Keratometer

- 31mm maximum diameter
- 21.5mm height
- Cone-shaped instrument designed to reflect the microscope light in concentric rings on the cornea to detect astigmatism

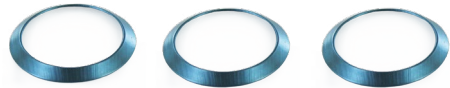


Scleral Support Rings

6-600

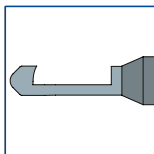
Scleral Support Rings

- Three bands supplied as one of each (small, medium, large)
- Small (12mm internal diameter, 15mm external diameter)
- Medium (13mm internal diameter, 15.5mm external diameter)
- Large (14mm internal diameter, 16.5mm external diameter)



Descemet's Punch

7-101

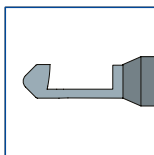


Khaw Descemet's Membrane Punch, Small

- Designed to punch **0.5mm x 0.3mm**
- Round squeeze handle, overall length 117mm
- Particularly suited when small sclerostomy required

Descemet's Punch

Best Seller 7-102

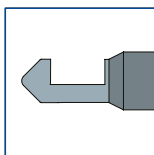


Khaw Descemet's Membrane Punch, Medium

- Designed to punch **0.75mm x 0.5mm**
- Round squeeze handle, overall length 117mm

Descemet's Punch

7-105

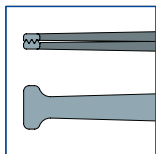


Descemet's Membrane Punch, Large

- Designed to punch **1.2mm x 0.7mm**
- Round squeeze handle, overall length 117mm

Conjunctival Clamp

Best Seller 2-686

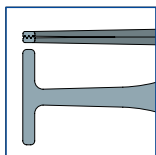


Khaw Conjunctival Clamp, Small

- Holds conjunctiva securely
- **Tip width 4mm**
- Overall length 74mm
- Single handed action
- Holds and protects the conjunctival edge during antimetabolite application

Conjunctival Clamp

2-687



Khaw Conjunctival Clamp, Large

- Holds conjunctiva securely
- **Tip width 12mm**
- Overall length 74mm
- Single handed action
- Holds and protects the conjunctival edge during antimetabolite application

Lacrimal Probes

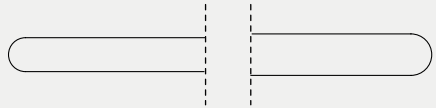
**Finish**

High quality surface finish over first 5mm of tips.

Length

Overall length 130mm.

Probe Tips

**More Details...**

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

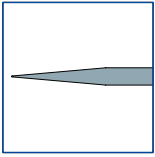
Product Name - Lacrimal Probe

| Tip Size | Tip Diameter | Additional Information | |
|--------------|---------------|------------------------|---------|
| 0000 and 000 | 0.5 and 0.6mm | Lacrimal Probe | 6-656 |
| 00 and 0 | 0.7 and 0.8mm | Lacrimal Probe | 6-656-1 |
| 1 and 2 | 0.9 and 1.0mm | Lacrimal Probe | 6-656-2 |
| 3 and 4 | 1.1 and 1.2mm | Lacrimal Probe | 6-656-3 |
| 5 and 6 | 1.3 and 1.4mm | Lacrimal Probe | 6-656-4 |
| 7 and 8 | 1.5 and 1.6mm | Lacrimal Probe | 6-656-5 |

Best Seller

Lacrimal Dilator

6-180

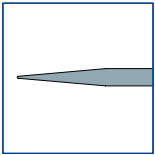


Lacrimal Dilator

- **0.1mm diameter pointed tip**
- 10° inclusive angle
- Round handle, overall length 122mm

Lacrimal Dilator

6-180-1

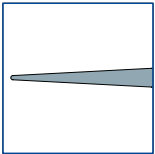


Lacrimal Dilator

- **0.2mm diameter rounded tip**
- 10° inclusive angle
- Round handle, overall length 122mm

Lacrimal Dilator

6-181



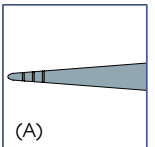
Lacrimal Dilator

- **0.45mm diameter blunt tip**
- Round handle, overall length 120mm

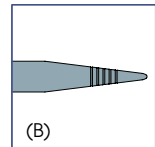
Lacrimal Dilator

Best Seller

6-182-2



(A)



(B)

Otaka Double Ended Lacrimal Dilator

- Bullet shape tip to ease insertion
- Double ended instrument
- (A) Marks at diameters 0.5, 0.6 and 0.7mm

- (B) Marks at diameters 0.8, 0.9, 1.0, 1.1 and 1.2mm
- Round handle, overall length 103mm

Chalazion Curettes



Handle

All curettes have a round handle.

Shaft

All curettes have a straight shaft.

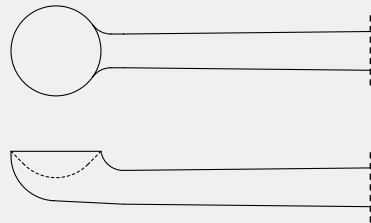
Length

All curettes have an overall length of 125mm.

More Details...

For full product details visit:
duckworth-and-kent.com

Curette Detail



Instrument Comparison Chart

Product Name - Chalazion Curette

| Cup Size | Additional Information |
|----------------|---------------------------------------|
| 1mm diameter | Meyerhoefer Chalazion Curette 6-641 |
| 1.5mm diameter | Meyerhoefer Chalazion Curette 6-641-1 |
| 2mm diameter | Meyerhoefer Chalazion Curette 6-641-2 |
| 2.5mm diameter | Meyerhoefer Chalazion Curette 6-641-3 |
| 3mm diameter | Meyerhoefer Chalazion Curette 6-641-4 |



Protects the eye when carrying out laser blepharoplasty surgery

Finish

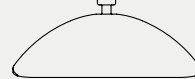
All shields are highly polished except external surface of Miyata Eye Shield (6-667-7) which has a matte finish.

Grasping Mechanism

Peg, loop or handle to facilitate placement and removal.

Grasping Mechanism

Peg

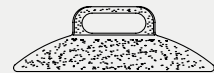


Loop



(6-667-6)

Handle Matte



(6-667-7)

Instrument Comparison Chart

Product Name - Eye Shield

| Size | Dimensions | Loop/Peg | Additional Information | |
|-------------|---------------|----------|--------------------------------|---------|
| Extra Small | 11mm x 11mm | Handle | Miyata Eye Shield, Extra Small | 6-667-7 |
| Small | 18mm x 20mm | Peg | Egi-Rabkin Eye Shield, Small | 6-667-4 |
| Medium | 18.5mm x 21mm | Loop | Egi-Miyata Eye Shield, Medium | 6-667-6 |
| | | Peg | Egi-Rabkin Eye Shield, Medium | 6-667-3 |
| Large | 19mm x 22mm | Peg | Egi-Rabkin Eye Shield, Large | 6-667-2 |
| | 20.5mm x 22mm | Peg | Rabkin Eye Shield, Large | 6-667 |

Best Seller

Eye Shield

6-664

Otaka Lid Plate

- 23mm wide
- 20mm wide
- Matte finish
- Overall length 55mm



Eye Shield

6-665

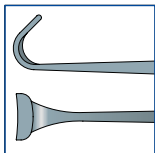
Rabkin Laser Plate

- 20mm wide
- 23mm wide
- Combination of highly polished and non-reflective matte finish
- Overall length 111mm



Lid Retractor

6-628



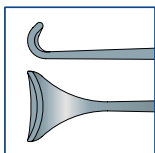
Desmarres Lid Retractor, size 0

- Blade width 11mm
- Flat handle, overall length 132mm



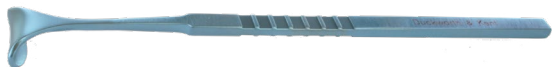
Lid Retractor

6-629



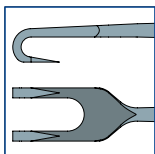
Rabkin Lid Retractor

- Blade width 15.5mm
- Flat handle, overall length 134mm
- Non-reflective finish, textured surface top face



Hook

6-645



Double Fixation Hook

- Sharp tips, 2 point fixation, 2mm separated
- Round handle, overall length 128mm



Lid Clamp

2-640

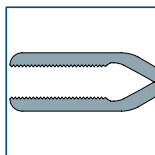
Desmarres Chalazion Clamp

- 17.5mm internal / 20mm external oval circular working diameter upper plate
- 20mm diameter lower plate
- Polished finish lower plate
- Flat handle, locking thumb screw, overall length 88mm



Utility Clamp

6-805

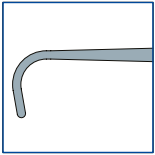


Bulldog Clip

- 8.5mm serrated cross action jaws
- Overall length 46mm

Muscle Hook

6-620



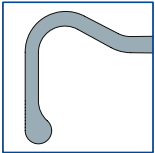
Paediatric Muscle Hook

- 0.65mm diameter tip, **tip to curve length 5mm**
- Round handle, overall length 125mm

Muscle Hook

Best Seller

6-625

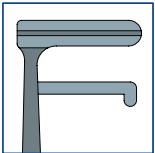


Jameson Muscle Hook

- 2mm bulbous tip, **tip to curve length 10mm**
- Round handle, overall length 136mm

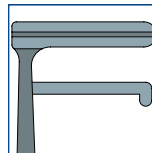
Muscle Hook

6-626



Assaf Resection Muscle Hook

- 90° double **10mm adjustable tips**
- Caliper measures 2mm - 14mm
- Flat handle, overall length 135mm



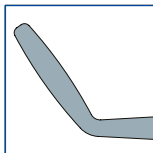
6-626-1

Assaf Resection Muscle Hook

- 90° double **12mm adjustable tips**

Scleral Depressor

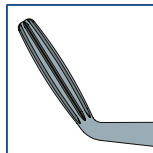
6-615



Tsukahara Scleral Depressor

- **Highly polished tip**
- Tip length 6mm, maximum diameter 1.2mm
- 55° angled shaft
- Large diameter round handle, overall length 114mm

6-615-1

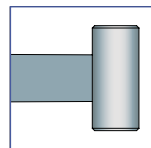
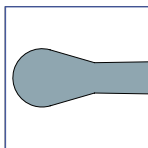


Tsukahara Scleral Depressor

- **Textured tip**
- 3 slots on the right and left of the tip (6 slots overall)

Scleral Depressor

Best Seller 6-635-2



Schocket Double Ended Scleral Depressor

Round Tip

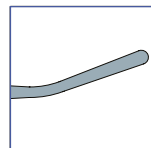
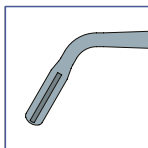
- 2.5mm round tip

Cylinder Tip

- 2mm x 4.5mm cylinder tip
- Round handle, overall length 135mm

Scleral Depressor

6-635-3



Koura Double Ended Scleral Depressor

Oval Tip

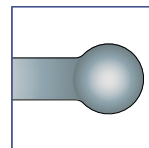
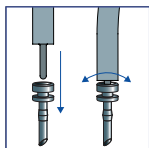
- 2mm oval tip
- 2x slits down side, 0.5mm diameter x 6mm length
- 60° angled shaft

Round Tip

- 2mm round tip
- 20° angled shaft
- Round handle, overall length 124mm

Scleral Depressor

6-635-4



Nishimura Scleral Manipulator and Depressor

Manipulator

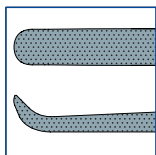
- 0.5mm diameter pin 3mm long
- Shaft with pin angled at 40°

Depressor

- 3mm round highly polished depressor
- Round handle, overall length 128mm

Membrane Spatula

6-912

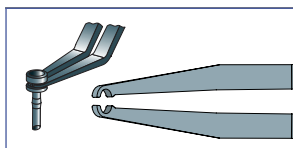


Giunchiglia Membrane Peeling Spatula, 23 Gauge

- Ultra fine textured tip
- 0.6mm wide, blunt tip curved 45°
- Straight 23 gauge shaft, length 32mm
- Round handle, overall length 128mm

Cannula Forceps

2-832E



Cannula Loading Forceps

- Designed to hold 23 and 25 gauge cannulas
- 45° angled shafts, tip to angle length 6mm
- Long flat handle, overall length 115mm
- **E Range single piece instrument**
Design registration number 004383396-0001



Titanium Reusable Ophthalmic Instruments

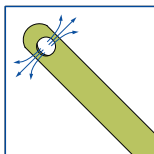


Irrigation & Aspiration

- I/A Handpieces (21 and 23 Gauge)
- Aspiration Tips
- Coaxial Handpieces
- Phaco Wrench
- I/A Cannulas and Cannula Handle
- Irrigating Cannulas
- Infusion and AC Maintainers

Irrigation Handpiece

Best Seller 8-650

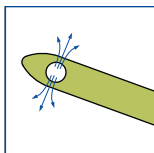


Irrigation Handpiece

- **21 gauge, 0.8mm tube diameter**
- **Two 0.5mm irrigation ports**
- Curved shaft, tube length 15mm
- Round handle, overall length 107mm
- Suggested Pairing: **8-655**

Irrigation Handpiece

8-650-2

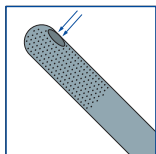


Irrigation Handpiece

- **21 gauge, 0.8mm tube diameter**
- **Bullet shaped tip**
- **Two 0.5mm irrigation ports**
- Curved shaft, tube length 22mm
- Round handle, overall length 115mm
- Suggested Pairing: **8-655-2**

Aspiration Handpiece

Best Seller 8-655

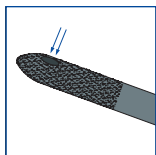


Aspiration Handpiece

- **21 gauge, 0.8mm tube diameter, textured tip**
- 0.35mm aspiration port
- Curved shaft, tube length 15mm
- Round handle, overall length 107mm
- Suggested Pairing: **8-650**

Aspiration Handpiece

8-655-2

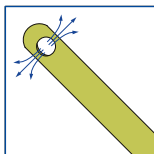


Aspiration Handpiece

- **21 gauge, 0.8mm tube diameter with textured tip**
- **Bullet shaped tip**
- 0.35mm aspiration port
- Curved shaft, tube length 22mm
- Round handle, overall length 115mm
- Suggested Pairing: **8-650-2**

Irrigation Handpiece

Best Seller 8-652

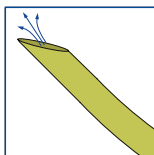


Irrigation Handpiece

- **23 gauge, 0.65mm tube diameter**
- **Two 0.4mm side irrigation ports**
- Curved shaft, tube length 15mm
- Round handle, overall length 107mm
- Suggested Pairing: **8-657**

Irrigation Handpiece

Best Seller 8-652-1

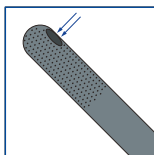


Irrigation Handpiece

- **23 gauge, 0.65mm tube diameter**
- **Open end 0.5mm irrigation port, 30° angled face**
- Curved shaft, tube length 11mm
- Round handle, overall length 103mm
- Suggested Pairing: **8-657**

Aspiration Handpiece

Best Seller 8-657

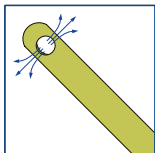


Aspiration Handpiece

- **23 gauge, 0.65mm tube diameter, textured tip**
- 0.3mm aspiration port
- Curved shaft, tube length 11mm
- Round handle, overall length 104mm
- Suggested Pairing: **8-652** or **8-652-1**

Irrigation Handpiece

8-652S



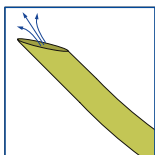
Irrigation Handpiece

- **23 gauge, 0.65mm tube diameter**
- Two 0.4mm side irrigation ports
- Curved shaft, tube length 15mm
- **Round handle, overall length 80mm**
- Suggested Pairing: **8-657S**



Irrigation Handpiece

8-652-1S



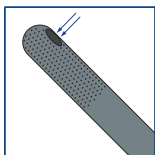
Irrigation Handpiece

- **23 gauge, 0.65mm tube diameter**
- **Open end 0.5mm irrigation port, 30° angled face**
- Curved shaft, tube length 11mm
- **Round handle, overall length 76mm**
- Suggested Pairing: **8-657S**



Aspiration Handpiece

8-657S



Aspiration Handpiece

- **23 gauge, 0.65mm tube diameter, textured tip**
- 0.3mm aspiration port
- Curved shaft, tube length 11mm
- **Round handle, overall length 77mm**
- Suggested Pairing: **8-652S** or **8-652-1S**





Aspiration Tips to be used in conjunction with 8-711 series I/A Handpieces (see page 139)

Port Size

0.25mm and 0.3mm options available

Texture

Majority of tips have no texture, 8-731-4 and 8-732-4 are half textured

Shape

Four variations available 90° angle, 45° angle, curved and straight

More Details...

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

Product Name - I/A Tip

22 Gauge / 0.7mm Tube Diameter

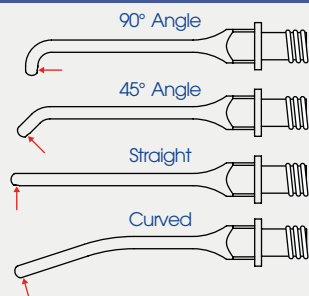
| Port Size | Shape | Texture | Additional Information | |
|-----------|------------|---------|--------------------------------|---------|
| 0.25mm | 90° Angled | None | Aspiration Tip, 90° Angled Tip | 8-730 |
| 0.3mm | 90° Angled | None | Aspiration Tip, 90° Angled Tip | 8-731 |
| | 45° Angled | None | Aspiration Tip, 45° Angled Tip | 8-731-1 |
| | Straight | None | Aspiration Tip, Straight Tip | 8-731-3 |
| | Curved | Half | Aspiration Tip, Curved Tip | 8-731-4 |

20 Gauge / 0.9mm Tube Diameter

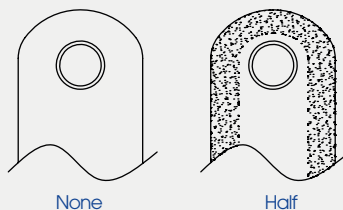
| Port Size | Shape | Texture | Additional Information | |
|-----------|------------|---------|--------------------------------|---------|
| 0.3mm | 90° Angled | None | Aspiration Tip, 90° Angled Tip | 8-732 |
| | 45° Angled | None | Aspiration Tip, 45° Angled Tip | 8-732-1 |
| | Straight | None | Aspiration Tip, Straight Tip | 8-732-3 |
| | Curved | Half | Aspiration Tip, Curved Tip | 8-732-4 |

Best Sellers

Shape

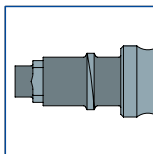


Texture



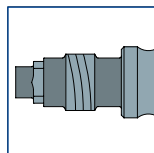
I/A Handpiece

8-711N



I/A Handpiece, Push Fit

- Round handle, overall length 115mm
- Separates for cleaning internal parts
- **Single thread at front of handpiece**
- Used with 8-730, 8-731 and 8-732 series aspiration tips
- Aspiration tips purchased separately
- Silicone sleeve is pushed onto single thread
- Silicone sleeve not included



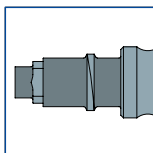
Best Seller 8-711-1N

I/A Handpiece, Screw Fit

- **Multi-thread at front of handpiece**
- **Silicone sleeve screw fits onto multi-thread**

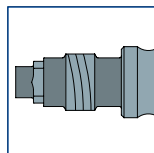
I/A Handpiece

8-711NL



I/A Handpiece with Luer Lock, Push Fit

- Round handle, overall length 115mm
- Separates for cleaning internal parts
- **Luer lock fitting on irrigation port**
- **Single thread at front of handpiece**
- Used with 8-730, 8-731 and 8-732 series aspiration tips
- Aspiration tips purchased separately
- Silicone sleeve is pushed onto single thread
- Silicone sleeve not included



8-711-1NL

I/A Handpiece, Screw Fit

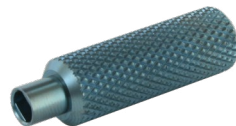
- **Multi-thread at front of handpiece**
- **Silicone sleeve screw fits onto multi-thread**

Phaco Wrench

8-001

Phaco Wrench

- For use with Alcon fitting needles and all D&K aspiration tips (8-730 series, 8-731 series and 8-732 series)



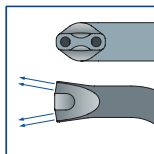


Cannula Handle

- **Specifically made for use with 8-601 series, 8-602, 8-603, 8-604 and 8-605**
- Overall length 99mm

Cannula

8-601



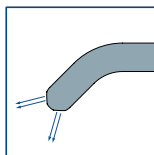
Inamura Hyper-Hydrodissection Cannula

- 22 gauge tube (0.7mm diameter)
- 0.9mm x 0.3mm flattened tip
- Twin jets, inclusive angle **20°**
- 45° angled tip
- Overall length 36mm



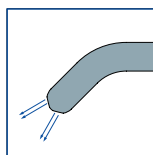
Cannula

8-601-1



Inamura Hydrodissection Cannula

- 22 gauge tube (0.7mm diameter)
- Twin jets, inclusive angle **60°**
- 45° angled tip
- Overall length 36mm



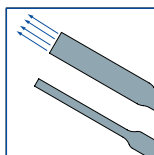
8-601-2

Inamura Multipurpose Cannula

- Twin jets, inclusive angle **30°**

Cannula

Best Seller 8-602



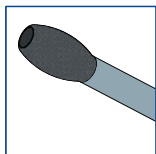
Mackool Hydrodissection Cannula

- 23 gauge tube (0.65mm diameter)
- 0.85mm x 0.3mm flattened tip
- 30° angled shaft, tip to angle length 8mm
- Overall length 35mm



Cannula

8-603

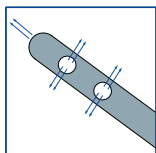


Capsule Polishing Cannula, 23 Gauge

- 23 gauge tube (0.65mm diameter)
- 1.75mm x 1mm olive shaped textured tip
- 30° curved shaft
- Overall length 34mm

Cannula

8-604

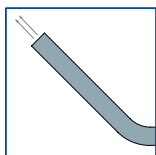


LASIK Cannula

- 23 gauge tube (0.65mm diameter)
- 0.2mm diameter hole at tip
- Four 0.4mm diameter holes along side of shaft
- 25° angled shaft, tip to angle length 8mm
- Overall length 30mm

Cannula

8-605

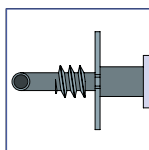


Air Injection Cannula

- 23 gauge tube (0.65mm diameter)
- 45° angled shaft, tip to angle length 5mm
- Overall length 35mm

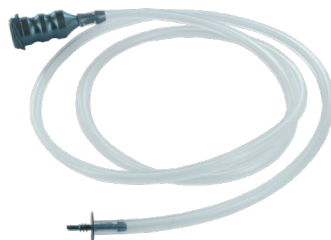
Cannula

8-615-1



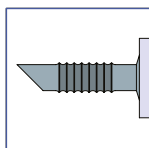
Rassam Infusion Cannula

- **20 gauge, thin wall, 0.9mm diameter x 4.2mm length**
- Straight shaft, 45° bevelled tip
- 3 x 0.5mm pitched thread
- 5mm plate diameter
- Silicone tubing and luer fitting supplied



Cannula

Best Seller 8-616



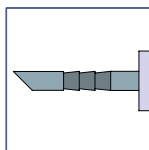
Ogawa Infusion Cannula, 20 Gauge

- **20 gauge, thin wall, 0.9mm diameter x 4mm length**
- Straight shaft, 45° bevelled tip
- Grooves in cannula body ensure non-traumatic securing of cannula
- **Knurled hub enhances grip**
- Silicone tubing overall length 410mm
- Silicone tubing and luer fitting supplied



Cannula

8-644



Infusion Cannula, 23 Gauge

- **23 gauge, thin wall, 0.65mm diameter x 4mm length**
- Straight shaft, 45° bevelled tip
- **Fits through 0.9mm paracentesis opening**
- Silicone tubing and luer fitting supplied

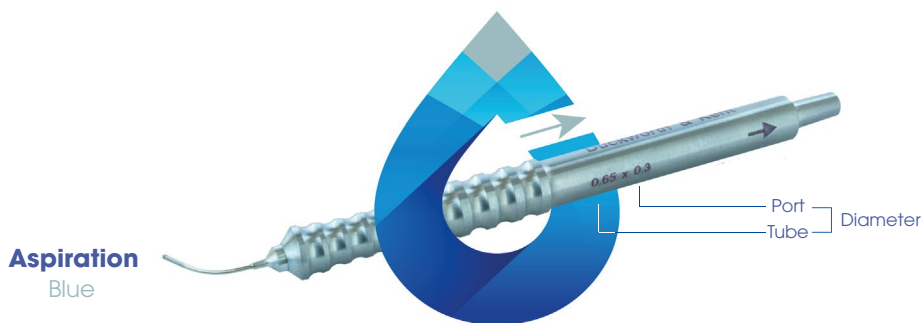
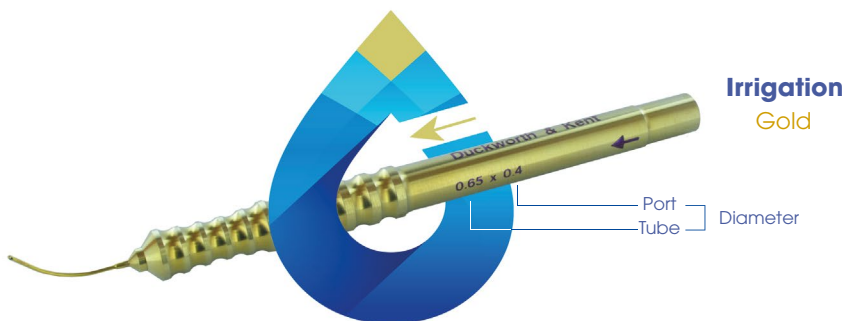


Precision engineered irrigation and aspiration handpieces.

Consistent high flow rates.

Tube sizes range from 21 gauge (0.8mm diameter) to 23 gauge (0.65mm diameter).

Precision made tips and tubes, produced from a single piece of titanium with no fabrication. Guaranteed quality.



Coaxial handpieces and tips

Available with single/multi thread/luer lock options. Separates for cleaning internal parts.





Titanium Reusable Ophthalmic Instruments

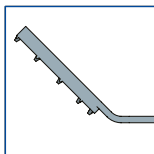


Fixation Rings, Gauges and Markers

- Fixation Rings
- CCC Markers
- Ring Markers
- Corneal Blade Markers
- LASIK Markers
- DMEK Markers
- Axis Blade Markers
- Degree Gauges
- Toric Markers
- Incision Markers
- Intravitreal Injection Guides
- Calipers
- Incision Gauges

Fixation Ring

9-509

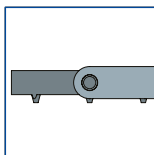


Thornton Fixation Ring

- 3/4 ring, **13mm** diameter ring with ten point fixation
- Fixed flat handle, overall length 114mm

Fixation Ring

Best Seller 9-510

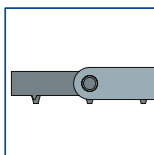


Thornton Fixation Ring

- 3/4 ring, **13mm** diameter ring with ten point fixation
- Pivot swivel flat handle, overall length 104mm

Fixation Ring

Best Seller 9-510R

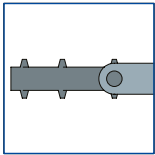


Thornton Fixation Ring

- 3/4 ring, **13mm** diameter ring with ten point fixation
- Pivot swivel round handle, overall length 112mm

Fixation Ring

9-515R

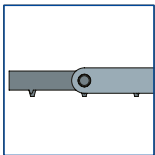


Thornton Fixation Ring

- 3/4 offset ring, **13mm** diameter ring **dual-sided** with ten point fixation
- Pivot swivel round handle, overall length 113mm

Fixation Ring

9-503

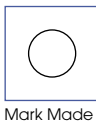
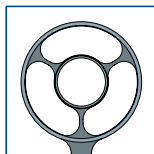


Thornton Fixation Ring

- 3/4 ring, **16mm** diameter ring with ten point fixation
- Pivot swivel flat handle, overall length 106mm

CCC Marker

9-518-1

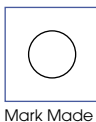
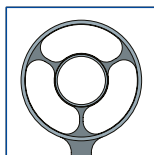


Fujimoto CCC Guide, Ø5.3mm

- 12mm diameter outer ring
- Inner capsulorhexis guide **5.3mm** diameter ring
- Smooth surface to mark cornea
- Fixed flat handle, overall length 99mm

CCC Marker

9-518-2

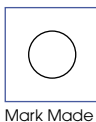
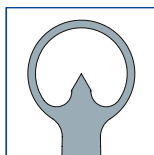


Fujimoto CCC Guide, Ø5.6mm

- 12mm diameter outer ring
- Inner capsulorhexis guide **5.6mm** diameter ring
- Smooth surface to mark cornea
- Fixed flat handle, overall length 99mm

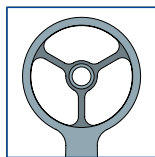
CCC Marker

9-518-3



Ota-Fujimoto CCC Marker, Ø5.6mm

- **5.6mm** diameter ring, low profile with centre pointer
- Round handle, overall length 94mm



Marks Made

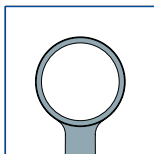


Donoso Capsulorhexis Marker, Ø6.5mm

- Castellated ring which marks five segments of a 6.5mm diameter on the cornea, approximating to a 5.5mm diameter capsulorhexis
- Round handle, overall length 125mm

Ring Marker

9-778

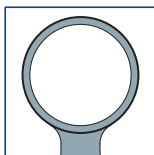


Ring Marker, Ø5.0mm

- **5mm** diameter ring, low profile
- Round handle, overall length 122mm

Ring Marker

9-779

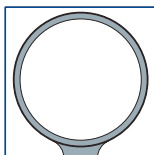


Ring Marker, Ø6.0mm

- **6mm** diameter ring, low profile
- Round handle, overall length 123mm

Ring Marker

Best Seller 9-781

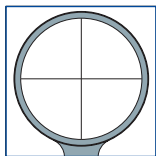


Ring Marker, Ø8.0mm

- **8mm** diameter ring, low profile
- Round handle, overall length 124mm

Ring Marker

9-781W

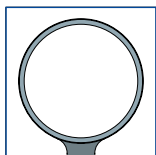


Ring Marker with Cross Wires, Ø8.0mm

- **8mm** diameter ring
- Low profile with **cross wires**
- Round handle, overall length 125mm

Ring Marker

9-788

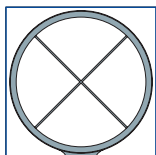


Ring Marker, Ø9.0mm

- **9mm** diameter ring, low profile
- Round handle, overall length 125mm

Ring Marker

9-789W-1

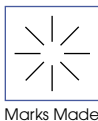
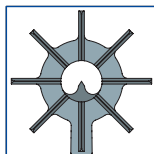


Ring Marker with Cross Wires, Ø11.0mm

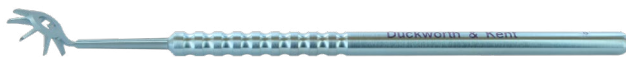
- **11mm** diameter ring
- Low profile with **cross wires**
- Round handle, overall length 126mm

Blade Marker

9-732



Marks Made

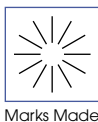
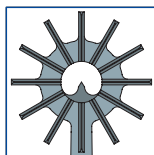


Thornton Radial Marker, 8 Blades

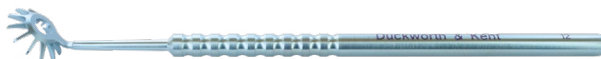
- **8 radial blades**
- 4mm inside diameter, 13mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length 128mm

Blade Marker

9-733



Marks Made

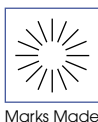
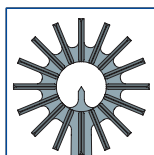


Thornton Radial Marker, 12 Blades

- **12 radial blades**
- 4mm inside diameter, 13mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length 128mm

Blade Marker

9-734



Marks Made

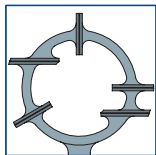


Thornton Radial Marker, 16 Blades

- **16 radial blades**
- 5mm inside diameter, 13mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length 128mm

LASIK Marker

9-854R

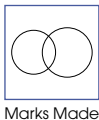
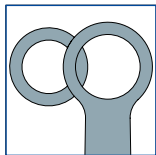


LASIK Marker

- Lowest profile with three radial elements and two non-radial elements
- Round handle, overall length 98mm

LASIK Marker

9-855

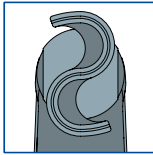


Gulani LASIK Marker

- 3.5mm and 4mm intersecting circles
- Round handle, overall length 122mm

S Marker

9-830

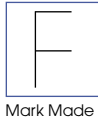
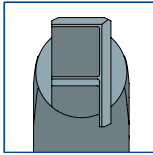


DMEK 'S' Marker

- 1.25 x 2.5mm **high 'S' mark**
- 35° angled handle
- Round handle, overall length 96mm

F Marker

9-831

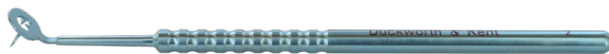
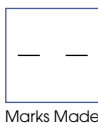
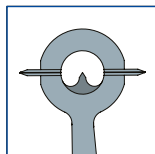


DMEK 'F' Marker

- 1.1 x 2.25mm **high 'F' mark**
- 35° angled handle
- Round handle, overall length 96mm

Blade Marker

9-729

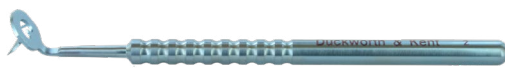
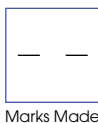
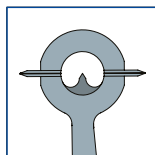


Axis Marker, 2 Blades

- **2 axial blades**
- 4mm inside diameter, 11.6mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length **124mm**

Blade Marker

Best Seller 9-729-1

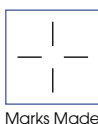
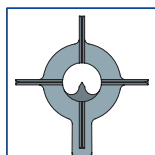


Axis Marker, 2 Blades

- **2 axial blades**
- 4mm inside diameter, 11.6mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length **95mm**

Blade Marker

9-730

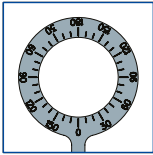


Thornton Radial Marker, 4 Blades

- **4 radial blades**
- 4mm inside diameter, 13mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length **128mm**

Degree Gauge

9-700

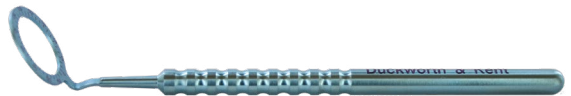
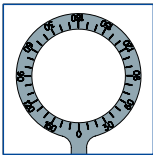


Mendez Degree Gauge

- Marks 0° - 180° in **10° increments** x 2
- 12mm internal ring diameter
- 40° angled handle
- Flat handle, overall length 116mm

Degree Gauge

9-705R

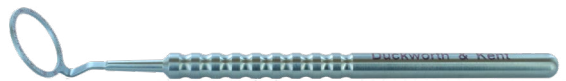
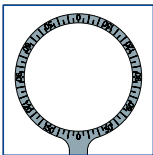


Wallace-Mendez Degree Gauge

- Measures 0° - 180° in **10° increments** x 2
- 12mm internal ring diameter
- 60° angled handle
- Round handle, overall length 102mm

Degree Gauge

Best Seller 9-705R-1

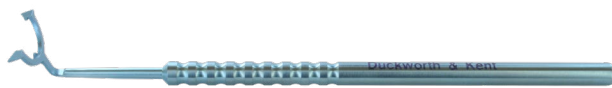
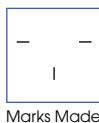
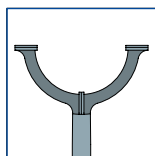


Mendez Degree Gauge

- Marks 0° - 180° in **5° increments** x 2
- 12mm internal ring diameter
- 60° angled handle
- Round handle, overall length 103mm

Toric Marker

Best Seller 9-840

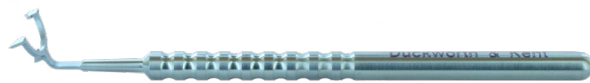
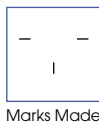
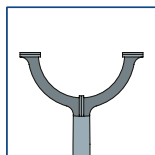


Cionni Toric Reference Marker

- **3 blades**, radial marks
- **10mm** inside diameter, **15mm** outside diameter
- 70° angled shaft
- Round handle, overall length 124mm

Toric Marker

9-840-1

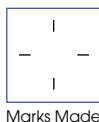
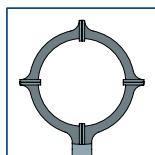


Cionni Toric Reference Marker

- **3 blades**, radial marks
- **8.5mm** inside diameter, **12.75mm** outside diameter
- 70° angled shaft
- Short round handle, overall length 96mm

Toric Marker

9-840-3

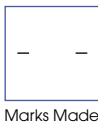
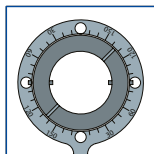


Toric Reference Marker, 4 Blades

- **4 blades**, radial marks
- **8.5mm** inside diameter, **12.75mm** outside diameter
- 70° angled shaft
- Short round handle, overall length 98mm

Toric Marker

Best Seller 9-841



Marks Made

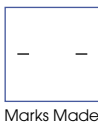
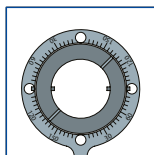


Cionni Toric Axis Marker

- **2 rotating blades**, radial marks
- **11mm** inside diameter, **15mm** outside diameter
- Marks 0° to 180° in **10° increments**
- 40° angled shaft
- Flat handle, overall length 116mm

Toric Marker

9-841-1



Marks Made

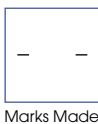
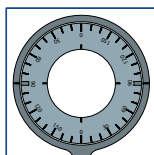


Cionni Toric Axis Marker

- **2 rotating blades**, radial marks
- **9.35mm** inside diameter, **12.75mm** outside diameter
- Marks 0° to 180° in **5° increments**
- 40° angled shaft
- Flat handle, overall length 116mm

Toric Marker

9-841-2



Marks Made

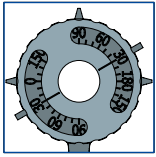


Barrett Toric Axis Marker

- **2 fixed blades**, orientated 90° to handle
- **11mm** inside diameter, **15mm** outside diameter
- Rotating dial marks 0° to 180° in **10° increments**
- 40° angled shaft
- Flat handle, overall length 116mm

Toric Marker

9-841-3

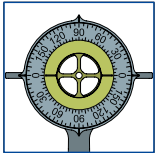


R J Mackool™ Toric Axis Marker

- **2 rotating blades**, radial marks
- **9mm** inside diameter, **12.8mm** outside diameter
- Marks 0° to 180° in **10° increments**
- 3 non-marking reference blades
- 45° angled shaft
- Round handle, overall length 127mm
- US Patent No. 9,011,470

Toric Marker

9-841-4

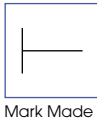
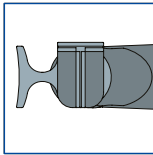


Barrett Toric Axis Marker

- Two dials, one outer and one inner
- Two marking blades
- Marks 0° to 180° in **5° increments**
- 45° angled shaft
- Round handle, overall length 125mm

Incision Marker

9-845-2

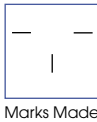
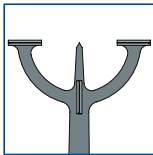


Ota 'T' Incision Marker

- 1.5mm x 2mm **T shaped marker**
- Reference arm offsets marker 2mm from limbus
- Round handle, overall length 96mm

Incision Marker

9-846

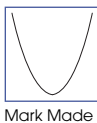
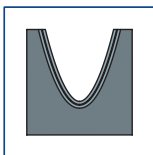


Ota Reference Incision Marker

- 3 blades with centre point, **radial marks**
- 8mm inside diameter, 15mm outside diameter
- 70° angled shaft
- Round handle, overall length 97mm

Incision Marker

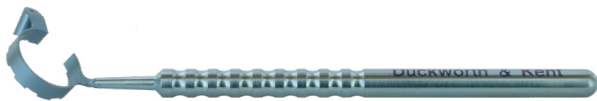
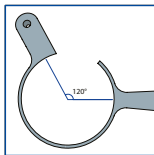
9-749



Kearney Parabolic Marker

- 5mm x 5mm marker
- 1mm cross hatches
- Round handle, overall length 125mm

Injection Guide

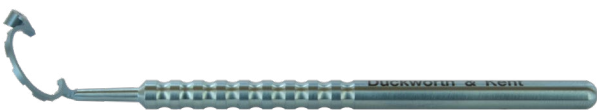
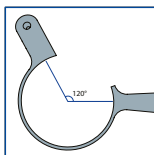


Doi-Uematsu Intravitreal Injection Guide

- 0.5mm needle guide hole, suitable for 27 gauge needle or smaller
- 12mm diameter ring with 'snow-tyre pattern' fixation
- **5.5mm** break in ring
- **Designed for the right handed surgeon to be held in the non-dominant hand**
- Held in the non-dominant hand (left)
- Round handle, overall length 102mm
- PAT.P 2005.316218

Injection Guide

9-544-2

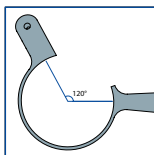


Doi-Uematsu Intravitreal Injection Guide

- 0.5mm needle guide hole, suitable for 27 gauge needle or smaller
- 12mm diameter ring with 'snow-tyre pattern' fixation
- **8.4mm** break in ring
- **Designed for the right handed surgeon to be held in the non-dominant hand**
- Held in the non-dominant hand (left)
- Round handle, overall length 98mm

Injection Guide

9-544-4

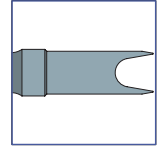
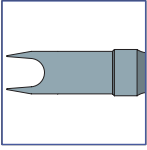


Doi-Uematsu Intravitreal Injection Guide

- **0.4mm** needle guide hole, suitable for 30 gauge needle or smaller
- 12mm diameter ring with 'snow-tyre pattern' fixation
- **8.4mm** break in ring
- **Designed for the right handed surgeon to be held in the non-dominant hand**
- Round handle, overall length 98mm

Marking Caliper

9-692

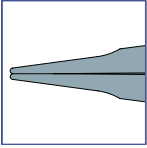


Double Ended Caliper

- Double ended caliper marks 3.5mm and 4mm
- Marks from centre of caliper tips
- Round handle, overall length 99mm

Marking Caliper

9-649



Castroviejo Style Marking Caliper

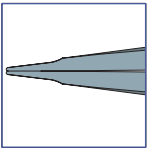
- 0.25mm x 0.25mm delicate marking tips
- Marks **0mm to 20mm in 0.25mm** increments
- Marks from centre of tips
- Adjustable thumb screw
- Standard caliper handle



Marking Caliper

Best Seller

9-650



Castroviejo Style Marking Caliper

- 0.25mm x 0.25mm delicate marking tips
- Marks **0mm to 15mm in 0.25mm** increments
- Marks from centre of tips
- Adjustable thumb screw
- Standard caliper handle





Gauge Options

Set of 7 individual incision gauges from 1mm to 3mm in 0.1mm increments.

Gauges can be ordered individually.

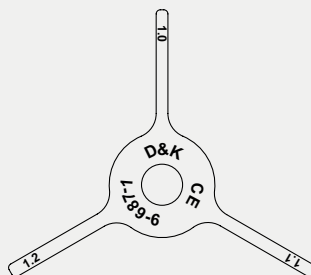
Gauge Sizes

Each individual gauge measures 3 sizes of 0.1mm increments.

Colour Coding

Gauges specifically coloured for easy identification.

Gauge Markings



Instrument Comparison Chart

Product Name - Incision Gauge

| Gauge Size | Colour Code | Additional Information | |
|--------------------|-------------|------------------------|---------|
| 1.0, 1.1 and 1.2mm | Pink | Incision Gauge | 9-687-1 |
| 1.3, 1.4 and 1.5mm | Dark Blue | Incision Gauge | 9-687-2 |
| 1.6, 1.7 and 1.8mm | Light Green | Incision Gauge | 9-687-3 |
| 1.9, 2.0 and 2.1mm | Blue | Incision Gauge | 9-687-4 |
| 2.2, 2.3 and 2.4mm | Gold | Incision Gauge | 9-687-5 |
| 2.5, 2.6 and 2.7mm | Purple | Incision Gauge | 9-687-6 |
| 2.8, 2.9 and 3.0mm | Copper | Incision Gauge | 9-687-7 |

Demonstrational Videos



We have a continually growing list of videos demonstrating a range of our instruments.

To keep up to date with future videos please visit:

www.duckworth-and-kent.com

or

subscribe to our **YouTube** channel **duckworthandkent** and be notified of future videos.

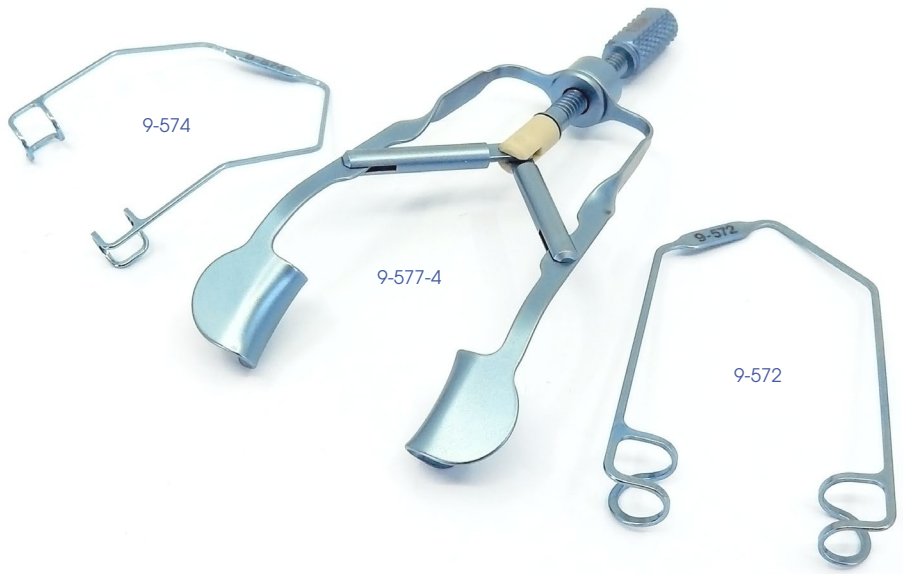


Titanium Reusable Ophthalmic Instruments



Specula

- Neonatal / Paediatric
- Adult Single Piece
- Adult Adjustable
- Adjustable by Procedure
- Adjustable by Sub-Specialty
- Adjustable Reversible



[More Details...](#)

For full product details visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

Single Piece

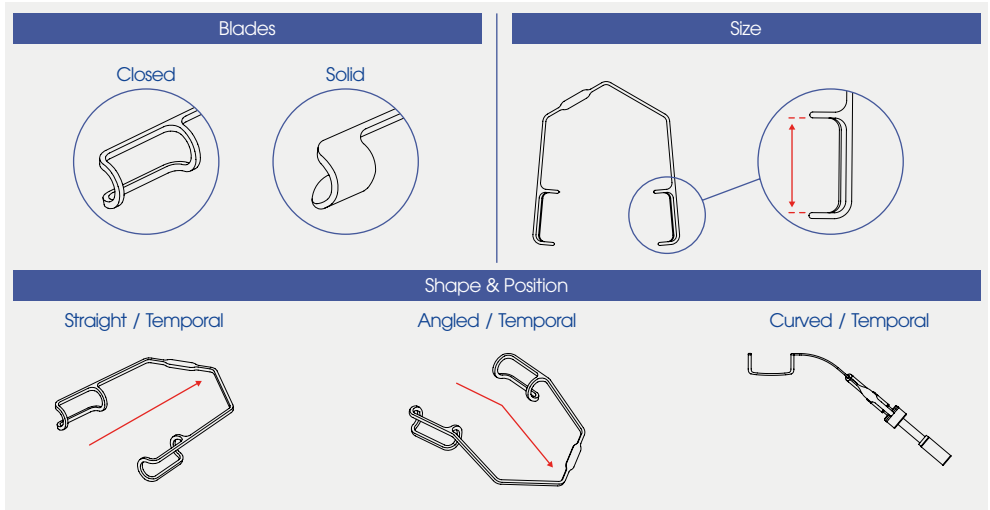
| Blades | Size mm | Shape | Position | Additional Information | |
|---------------|---------|----------|----------|----------------------------------|---------|
| Closed | 4.4 | Angled | Temporal | Neonatal Speculum | 9-574 |
| | 6 | Straight | Temporal | Barraquer Paediatric Speculum | 9-572 |
| | 9 | Angled | Temporal | Barraquer Paediatric Speculum | 9-573 |
| Closed Strong | 4.4 | Angled | Temporal | Neonatal Speculum, Strong Spring | 9-574-1 |

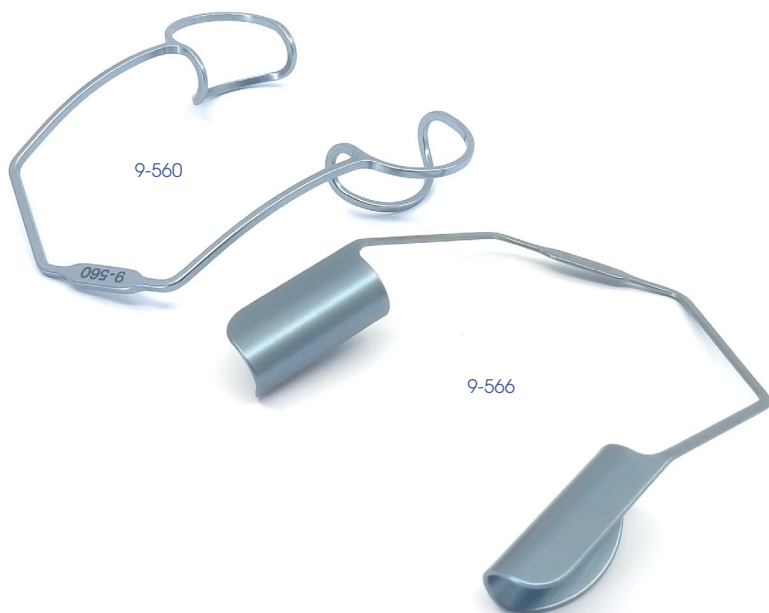
Computerised machines accurately produce a range of single piece specula from a single piece of titanium

Adjustable

| Blades | Size mm | Shape | Position | Additional Information | |
|--------|---------|--------|----------|--------------------------------|---------|
| Closed | 7 | Curved | Temporal | Adjustable Paediatric Speculum | 9-577-3 |
| Solid | 9.6 | Curved | Temporal | Adjustable Paediatric Speculum | 9-577-4 |

Best Sellers





Single Piece

Computerised machines accurately produce a range of single piece specula from a single piece of titanium

More Details...

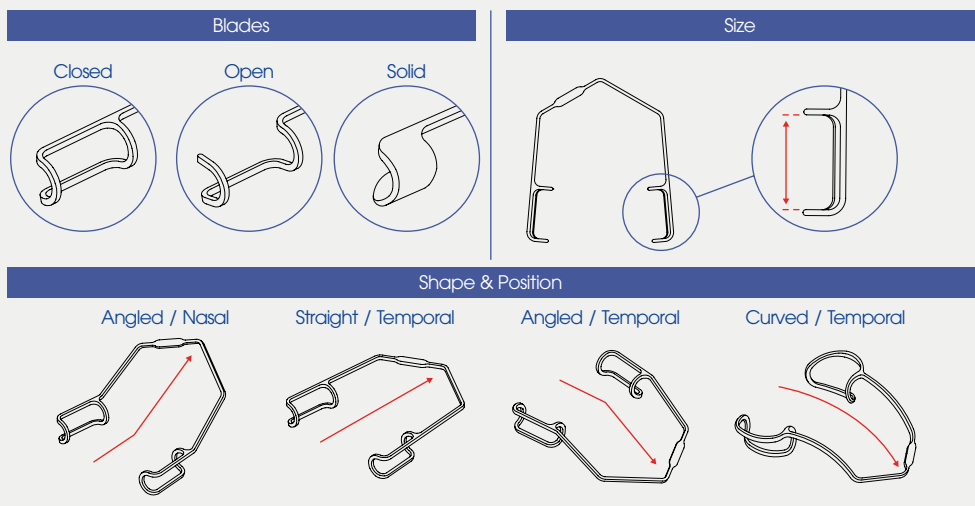
For full product details visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

| Blades | Size mm | Shape | Position | Additional Information | |
|---------------|---------|--------------------------|---------------------------|---|--------------------------|
| Closed | 14 | Curved | Temporal | Speculum | 9-560 |
| | | 14.5 | Straight | Temporal | Barraquer Adult Speculum |
| | Angled | Temporal | Barraquer Adult Speculum | 9-551 | |
| Nasal | | Barraquer Adult Speculum | 9-552 | | |
| Closed Large | 14 | Curved | Temporal | Speculum | 9-559 |
| Closed Strong | 14.5 | Angled | Nasal | Barraquer Adult Speculum, Strong Spring | 9-552F |
| Open | 14 | Curved | Temporal | Speculum | 9-560-1 |
| | | 14.5 | Straight | Temporal | Kratz-Barraquer Speculum |
| | Angled | | Temporal | Kratz-Barraquer Speculum | 9-556 |
| | Nasal | Kratz-Barraquer Speculum | 9-557 | | |
| 15 | Angled | Temporal | Thornton Comfort Speculum | 9-581F | |
| Solid | 14.5 | Angled | Temporal | Bloomberg Solid Blade Speculum | 9-566 |

Best Sellers





[More Details...](#)

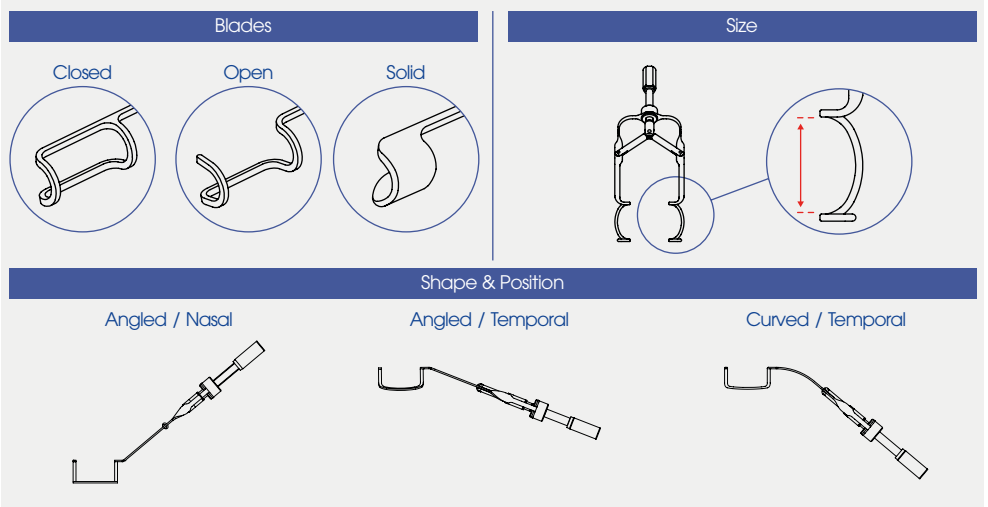
For full product details including overall lengths, visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

| Blades | Size mm | Shape | Position | Additional Information | |
|------------|---------|--------|----------|---|---------|
| ClosedThin | 13.5 | Curved | Temporal | Adjustable Speculum, Thin Blades | 9-578-2 |
| Closed | 14.5 | Curved | Temporal | Adjustable Speculum | 9-578 |
| OpenThin | 13.5 | Curved | Temporal | Adjustable Speculum, Thin Blades | 9-579-2 |
| | 14 | Curved | Temporal | Adjustable Speculum, Thin Blades | 9-579-6 |
| OpenThick | 13.5 | Curved | Temporal | Mackool Adjustable Speculum, Thick Blades | 9-579 |
| Open | 13.5 | Angled | Nasal | Koch-Cionni Adjustable Speculum | 9-598-2 |
| | 14.5 | Angled | Temporal | Adjustable Speculum | 9-597-1 |
| Solid | 14.5 | Angled | Temporal | Adjustable Speculum | 9-597 |

Best Sellers





[More Details...](#)

For full product details visit: duckworth-and-kent.com

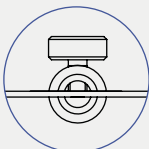
Instrument Comparison Chart

Product Name - Speculum

| Blades | Size mm | Shape | Position | Additional Information | |
|--------|---------|----------|----------|-----------------------------|-------|
| Open | 14.5 | Angled | Nasal | Barrett Adjustable Speculum | 9-591 |
| | | | Temporal | Barrett Adjustable Speculum | 9-590 |
| | | Straight | Temporal | Barrett Adjustable Speculum | 9-592 |

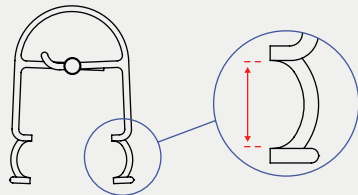
Best Seller

Locking Mechanism



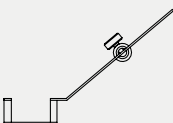
Thumb Screw

Size



Shape & Position

Angled / Nasal

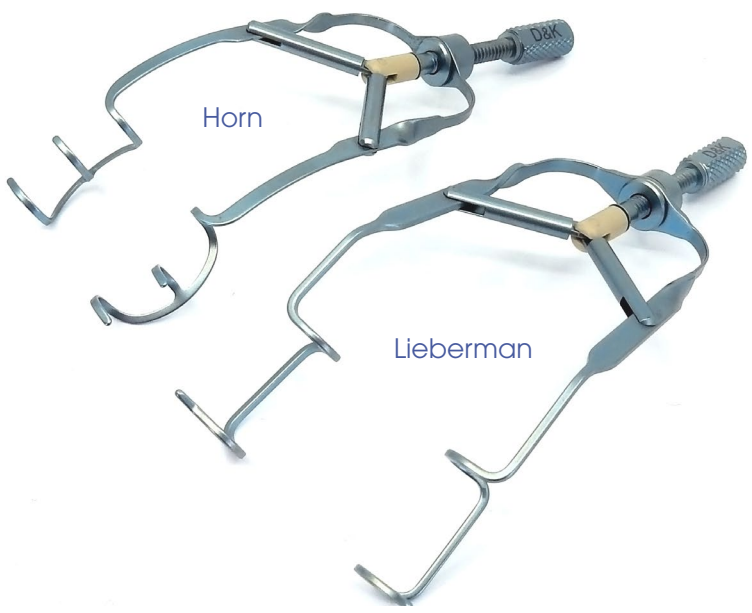


Straight / Temporal



Angled / Temporal





[More Details...](#)

For full product details including overall lengths, visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

Femtosecond Laser

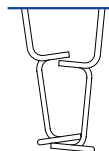
| Blades | Size mm | Shape | Position | Additional Information |
|--------|---------|--------|----------|--|
| Open | 15.5 | Curved | Temporal | RJ Mackool™ Femtosecond Laser Speculum 9-588-1 |
| | | | | Horn Adjustable Femtosecond Laser Speculum 9-588-2 |

LASIK

| Blades | Size mm | Shape | Position | Additional Information |
|--------|---------|----------|--|--|
| Open | 15 | Angled | Temporal | Lieberman Adjustable Speculum* 9-588-3 |
| | | | | Buratto Adjustable Speculum 9-588 |
| | 15.5 | Angled | Temporal | Buratto Adjustable Speculum 9-589 |
| | | | Nasal | Buratto Adjustable Speculum 9-589 |
| 18 | Angled | Temporal | Williams Adjustable LASIK Speculum 9-583 | |
| | | | Solid | Mackool Adjustable Speculum 9-595 |

Best Sellers

* Non-overlapping blades when closed (9-588-3)



| Blades | | Size | |
|------------------|-------------------|-------------------|--|
| Open | Solid | | |
| Shape & Position | | | |
| Angled / Nasal | Angled / Temporal | Curved / Temporal | |



[More Details...](#)

For full product details including overall lengths, visit: duckworth-and-kent.com

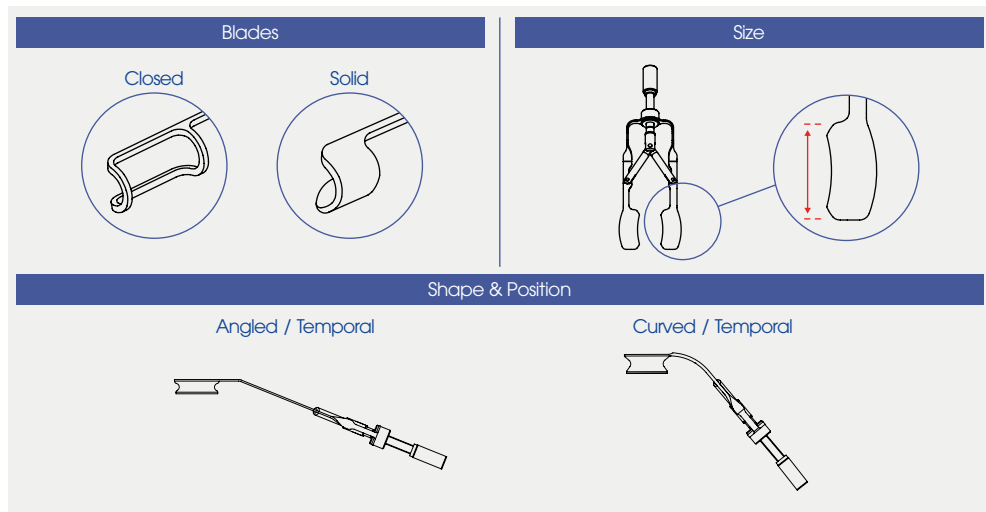
Instrument Comparison Chart

Product Name - Speculum

| Glaucoma | | | | | |
|----------|---------|----------|--------------------------------|---|---------|
| Blades | Size mm | Shape | Position | Additional Information | |
| Solid | 14 | Angled | Temporal | Khaw Standard Glaucoma Surgery Speculum | 9-576 |
| | | Curved | Temporal | Khaw Glaucoma Surgery Speculum (Thin) | 9-576-4 |
| | Curved | Temporal | Khaw Glaucoma Speculum, Narrow | 9-576-5 | |

| Vitreoretinal | | | | | |
|---------------|---------|--------|----------|-------------------------------------|---------|
| Blades | Size mm | Shape | Position | Additional Information | |
| Closed | 15 | Curved | Temporal | VSL Ring Holder Adjustable Speculum | 9-578-8 |

Best Seller





[More Details...](#)

For full product details including overall lengths, visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

| Blades | Size mm | Position | Additional Information |
|--------|---------|------------|-------------------------------------|
| Closed | 14 | Reversible | Shepard Reversible Speculum 9-599-1 |
| Solid | 14 | Reversible | Shepard Reversible Speculum 9-599 |

 Best Seller

Blades

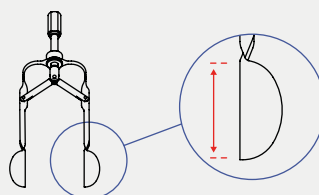
Closed



Solid

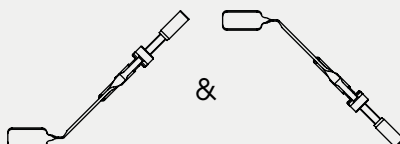


Size



Reversible

Angled Nasally & Temporally





Titanium Reusable Ophthalmic Instruments



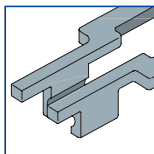
Injectors & IOL Forceps

- IOL Forceps and Injectors
- CTR Injectors



IOL Forceps

2-774-1E



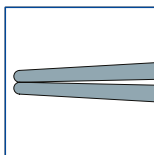
IOL Folding Forceps

- Paddle style jaws
- Flat handle, overall length 115mm
- Allows for upward folding of IOL
- **Designed specifically for AcrySof IOL implant approved by Alcon**
- **E Range single piece handle**

Design registration number 004383396-0001

IOL Forceps

DK7710E



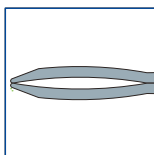
IOL Holding Forceps

- 45° angled shafts, tip to angle length 7mm
- Highly polished inner jaw surfaces protects from scratching the lens surface
- Flat handle, overall length 111mm
- **Designed specifically for AcrySof IOL implant approved by Alcon**
- **E Range single piece handle**

Design registration number 004383396-0001

IOL Forceps

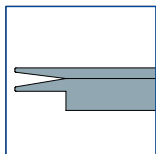
Best Seller DK7740E



IOL Insertion Forceps

- 40° angled shafts, tip to angle length 7.5mm
- Biconvex jaw design
- Highly polished inner jaw
- Flat handle, overall length 107mm
- **Designed specifically for AcrySof IOL implant approved by Alcon**
- **E Range single piece handle**

Design registration number 004383396-0001



IOL Loading Forceps

- Highly polished tips protect from scratching the lens surface
- Round handle, overall length 119mm
- **Designed specifically for loading AcrySof IOL into the MONARCH® II and III cartridges**
- **E Range single piece handle**
Design registration number 004383396-0001

IOL Injector



Injector with Pre-Load Position Suitable for Alcon MONARCH® D, C and B Cartridges

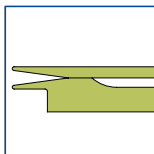
- **Suitable for Alcon MONARCH® IIID, IIIC and IIB cartridges**
- Front loading cartridge, secured by rotating sleeve
- **Single handed delivery for efficient lens implantation**
- **Pre-load position, reducing final plunger movement**
- Injector separates to expose internal parts for cleaning
- Injector length overall (without cartridge) 157mm

IOL Injector



Screw Thread Injector for Alcon MONARCH® D, C, and B cartridges

- **Suitable for Alcon MONARCH® IIID, IIIC and IIB cartridges**
- Front loading cartridge, secured by rotating sleeve
- **Screw thread system for controlled lens implantation**
- **Rapid screw thread gives a smooth predictable lens delivery**
- Injector separates to expose internal parts for cleaning
- Injector length overall (without cartridge) 152mm



IOL Loading Forceps

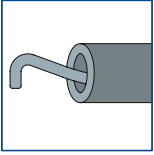
- **For loading the TECNIS® 1-Piece IOL into the One Series™ Ultra Cartridge**
- Polished tips protect from scratching the lens surface
- Round handle, overall length 111mm

Handpiece



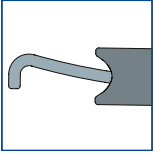
Screw Thread Injector

- **Suitable for the One Series™ Ultra Cartridge and TECNIS® SENSAR Acrylic 1-Piece IOLs**
- Quick and easy snap in design for secure cartridge loading
- Capsular friendly tip assists lens manipulation post implantation
- **Screw thread system for controlled lens implantation**
- **Rapid screw thread gives a smooth predictable lens delivery**
- Injector separates to expose internal parts for cleaning
- Injector length overall (without cartridge) 148mm



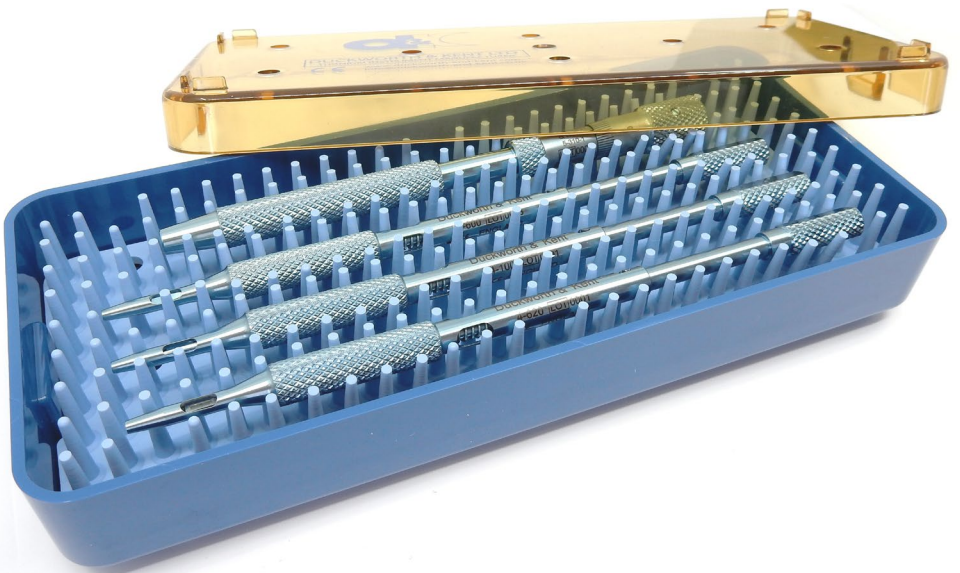
Capsular Tension Ring (CTR) Inserter

- Injector is to be used for implantation of **Morcher capsular tension ring**
- Bayonet fitting allows easy separation of main body and centre rod
- Overall length 140mm



Capsular Tension Ring (CTR) Inserter

- Injector is to be used for implantation of **Ophtec capsular tension rings**
Model 275 and Model 276.
- Bayonet fitting allows easy separation of main body and centre rod
- Overall length 150mm
- **Not for sale in the United States of America**

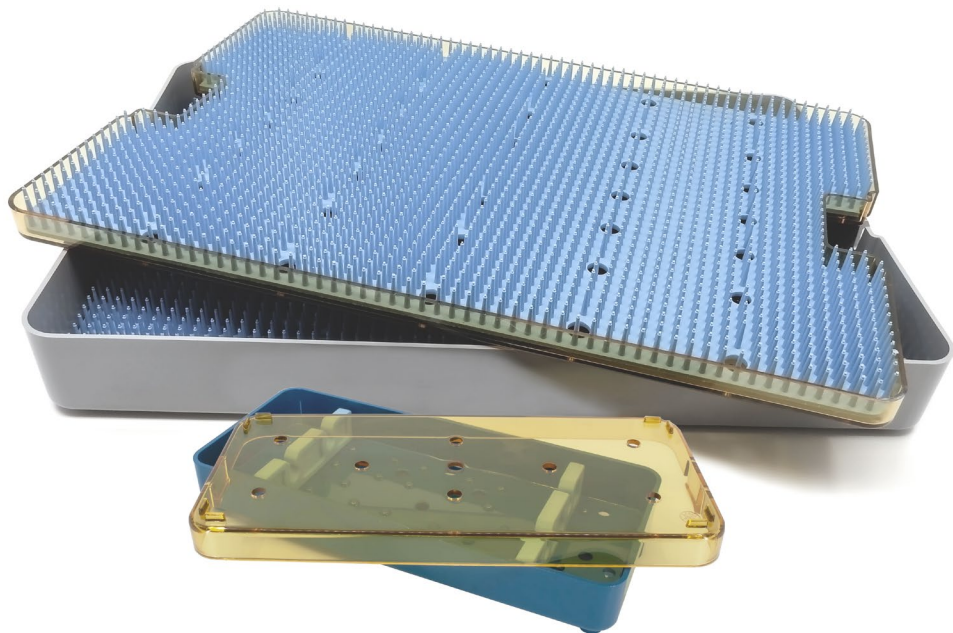


Titanium Reusable Ophthalmic Instruments



Sterilising Trays

- Sterilising Trays
- Sterilising Tray for Diamond Knives



Capacity

Variable options ranging from 2-40 instruments.

Dimensions

External dimensions provided.

Silicone Mats

One silicone mat provided, except for T7020-2 which have a second internal middle tray. 2502A has two silicone bars.

More Details...

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

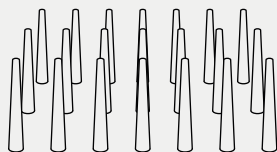
Product Name - Sterilising Tray

| Capacity | Dimensions | Silicone Mats | Additional Information |
|----------|--------------|---------------|--|
| 4 | 160/70/25mm | 1 | Sterilising Tray for 4 Instruments T7003-1 |
| 6 | 173/110/25mm | 1 | Sterilising Tray for 6 Instruments 4600A |
| 10 | 264/162/25mm | 1 | Sterilising Tray for 10 Instruments 6100A |
| 20 | 395/266/25mm | 1 | Sterilising Tray for 20 Instruments T7020 |
| 40 | 395/266/50mm | 2 | Sterilising Tray for 40 Instruments T7020-2 |
| 2 | 160/70/25mm | 2 Bars | Sterilising Tray for 2 Diamond Knives 2502A |

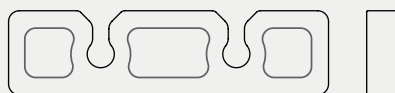
Best Sellers

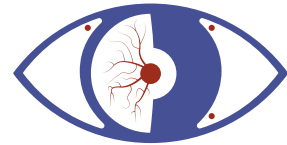
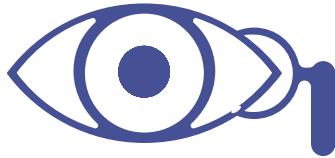
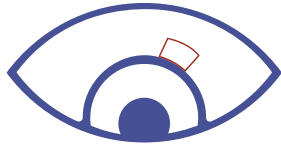
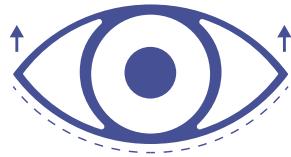
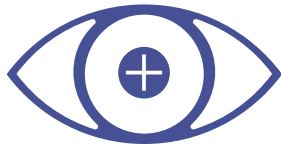
Silicone Mats / Bars

Mats



2 Bars





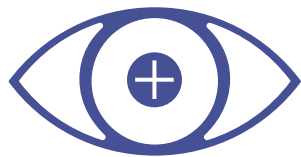
Titanium Reusable Ophthalmic Instruments



Instruments by Sub-Specialty

- Essential Cataract
- Glaucoma
- Lacrimal
- Oculoplastics
- Paediatric
- Vitreoretinal

Essential Cataract Selection



Essential Cataract Selection

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| Aspiration Tip, 45° Angled Tip | 8-731-1 | 138 |

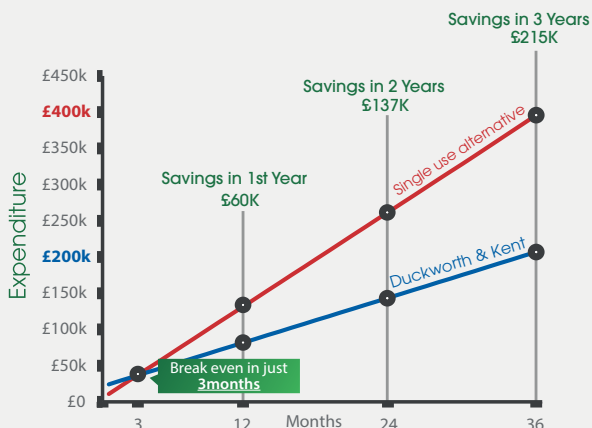
■ Best Sellers

Cost Saving Calculator

This graph illustrates the **cost savings** of a D&K essential cataract instrument selection compared to equivalent single-use instruments.

Find out more...

Visit the **D&K website** to click on the **cost saving calculator**. Input your figures to find out the savings you can make.



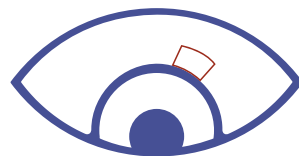
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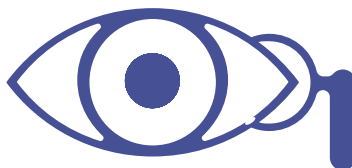
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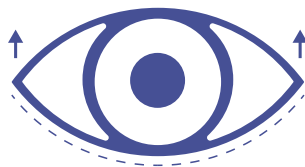
Best Sellers

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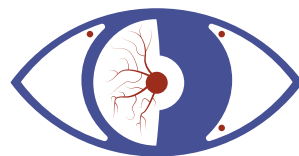
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 Best Sellers

Investing in reusable instruments helps **reduce the amount of end user waste** in comparison to single-use instruments.

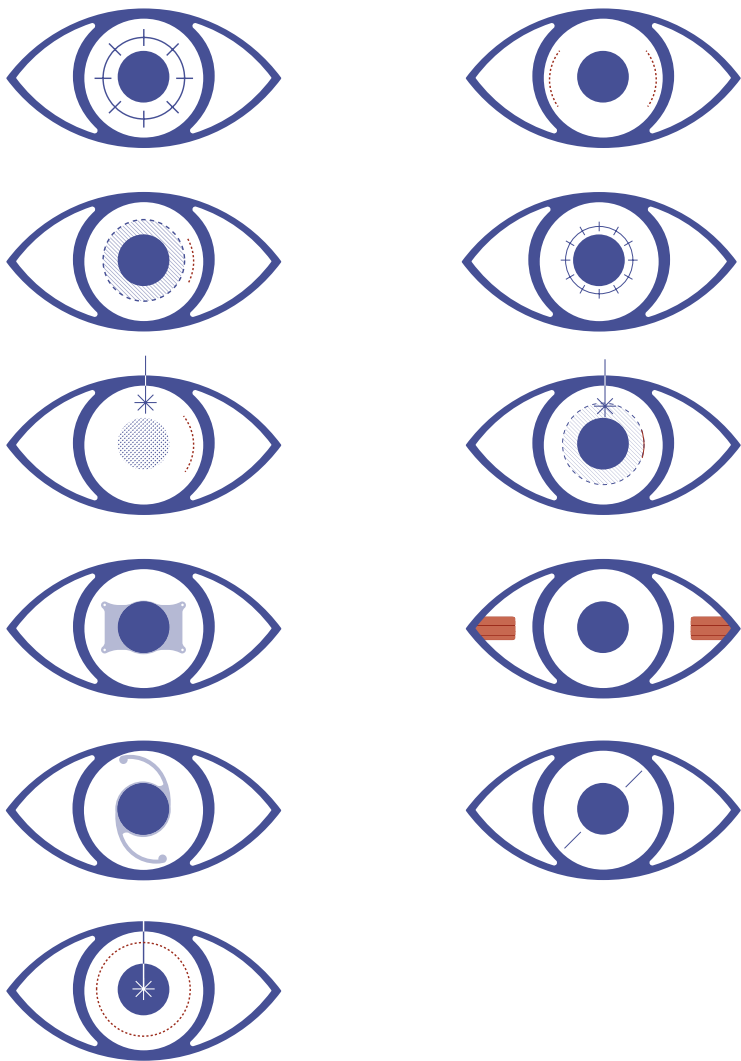


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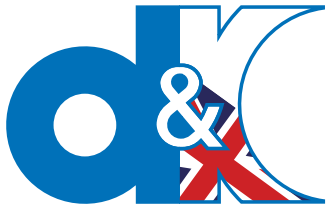


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Titanium Reusable Ophthalmic Instruments

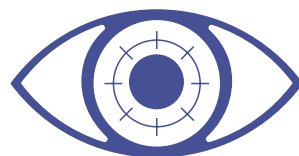


Instruments by Procedure

- DALK
- DMEK
- FLACS
- ICL
- IOL
- LASIK
- LRI
- PK
- SMILE
- STRABISMUS
- TORIC

DALK Instruments

Deep Anterior Lamellar Keratoplasty

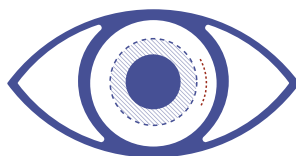


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Best Sellers

DMEK Instruments

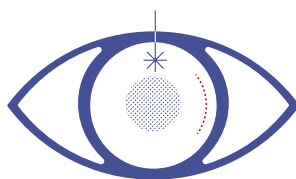
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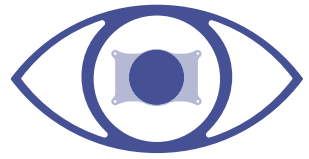
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ICL Instruments

[Implantable Contact Lens](#)

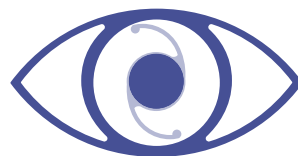


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Best Sellers

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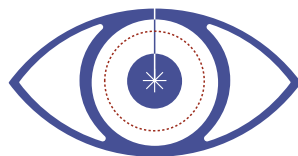
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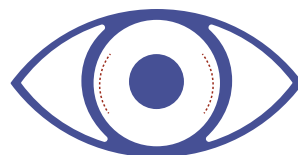
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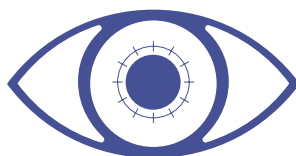


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PK Instruments

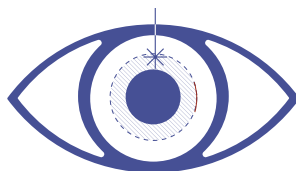
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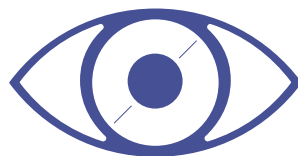
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