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.

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Friday 8:00am - 4:00pm

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S-0010.32 2023/06

A world leader in titanium reusable ophthalmic instruments

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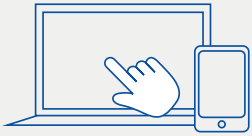
Search our whole range in seconds



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**.

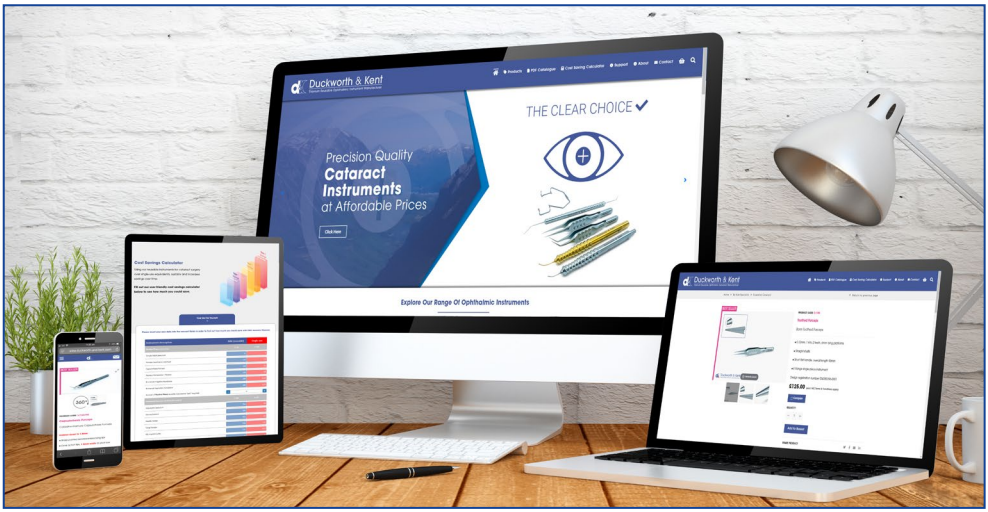
3 - Online PDF Catalogue
Visit the online **PDF version** of our catalogue. You will find this in the **top menu bar** of our website.

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**, 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

Ti
Titanium

Why we use PolyEtherEtherKetone (PEEK®)?

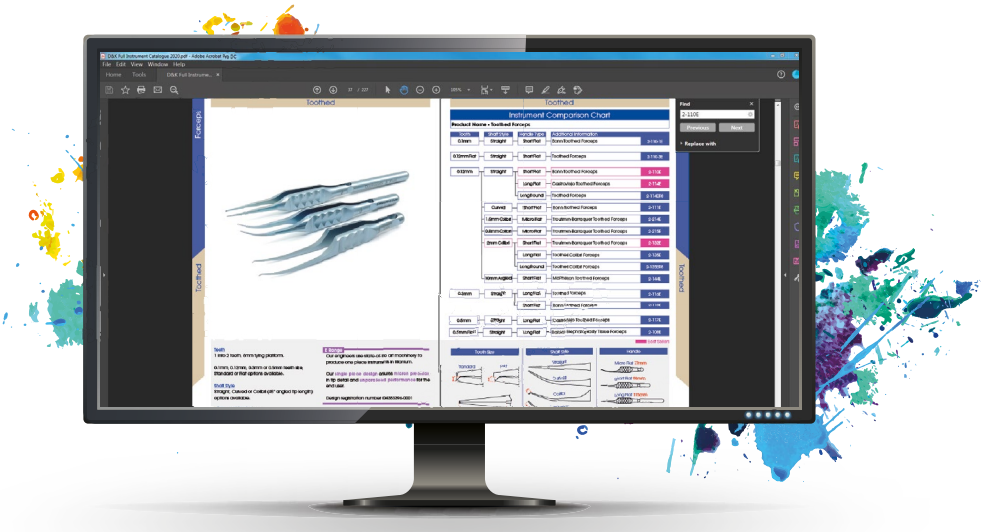
Duckworth & Kent uses PEEK® in certain instruments where there is the possibility that two titanium components could fuse together through sustained, repetitive contact.

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.
PEEK® is a trademark of Victrex plc.

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

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)**.

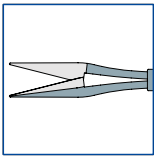
Titanium Reusable Ophthalmic Instruments

Microincision

- Anterior Segment
  - Scissors
  - Forceps
- Vitreoretinal
  - Scissors
  - Forceps
  - Cleaning Adaptors

Capsule Scissors

1-625

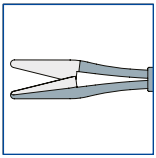


Capsule Scissors, Curved Shaft, 23 Gauge

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

Iris Scissors

1-630

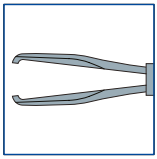


Iris Scissors, Curved Shaft, 23 Gauge

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

IOL Forceps

2-695

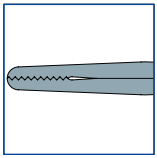


IOL Implant Gripping Forceps, 23 Gauge

- Fine end gripping tips
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 122mm

SMILE Forceps

2-837

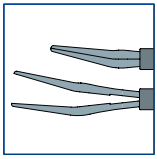


SMILE Lenticule Removal Forceps, 23 Gauge

- 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

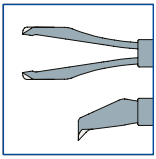


Güell Descemet's Membrane Forceps, 22 Gauge

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

Capsulorhexis Forceps

2-847-4

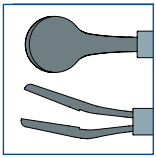


Capsulorhexis Forceps, Squeeze Handle, 23 Gauge

- 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

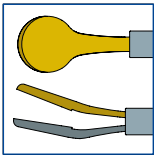


ICL Forceps, Angled, 20 Gauge

- 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

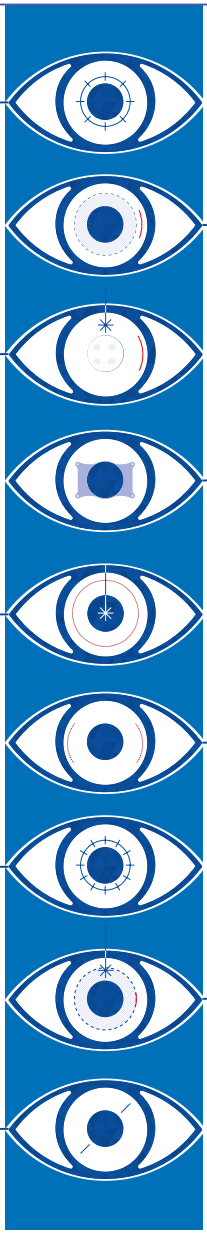


ICL Forceps, Angled, 20 Gauge

- 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

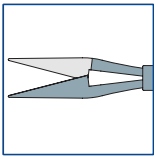
PK
Penetrating Keratoplasty

SMILE
Small Incision Lenticule Extraction

Toric Markers

Vitreoretinal Scissors

1-841

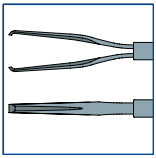


Vitreoretinal Scissors, 23 Gauge

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

Vitreoretinal 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

Squeeze Handle

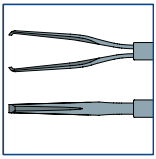
6-676

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 Forceps Head

2-877N

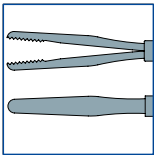


Vitreoretinal Forceps Head, 23 Gauge

- 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

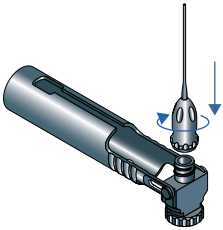
Flushing Adaptor

6-675

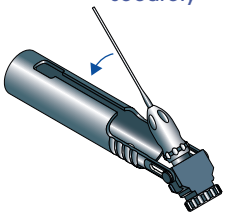
Protective Cleaning Cover

- **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**

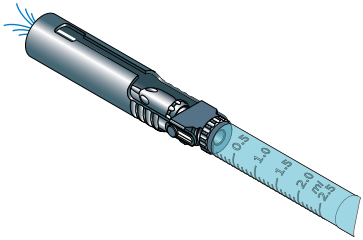
1) Tip head screws on to flushing adaptor



2) Tip head pivots then locks into place securely



3) Syringe or other luer device back flushes tip head



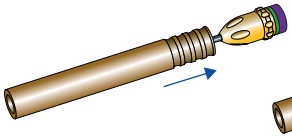
Flushing Adaptor

6-675-1

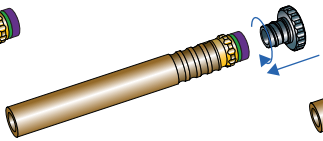
Small Flushing Adaptor for Vitreoretinal Interchangeable Instruments

- **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



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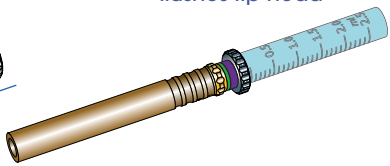
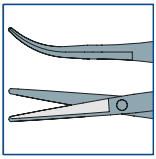


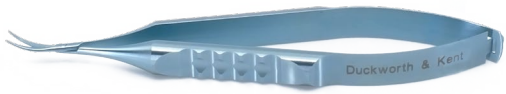
Titanium Reusable Ophthalmic Instruments

Scissors

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

Capsule Scissors 1-116

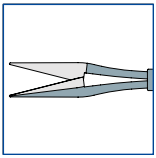




Capsule Scissors, Curved

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

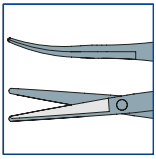
Capsule Scissors 1-625



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

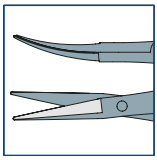


Castroviejo Miniature Corneal Scissors, Curved

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

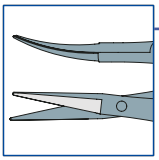
Corneal Scissors

1-219



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



1-218

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.

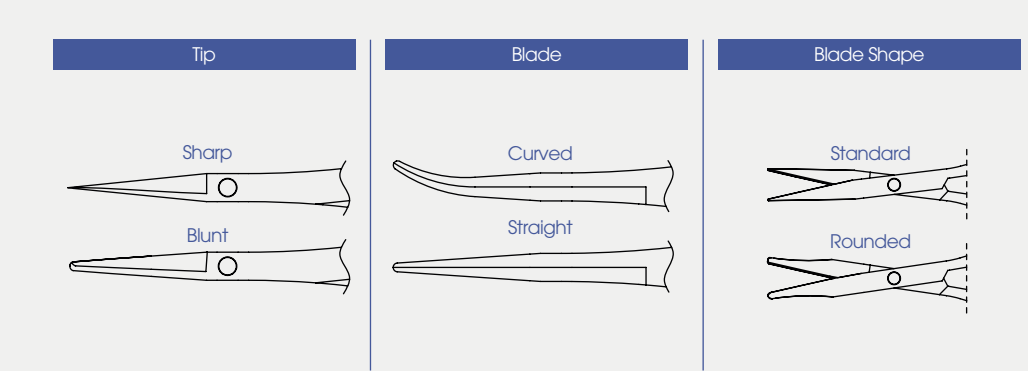
More Details...
For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

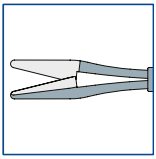
Product Name - Westcott Scissors

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



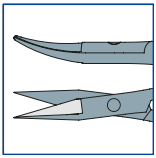
Iris Scissors 1-630



Iris Scissors, Curved Shaft, 23 Gauge

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

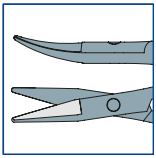
Iris Scissors 1-211



Iris Scissors, Curved

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

Iris Scissors 1-211B

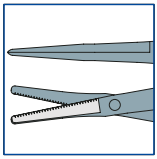


Iris Scissors, Curved

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

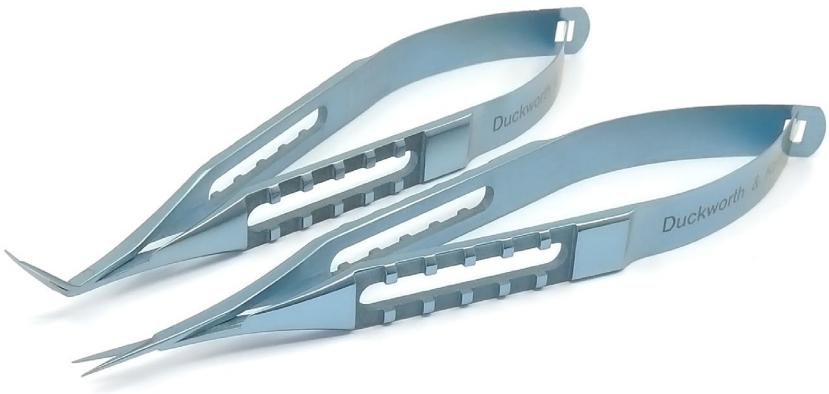
IOL Scissors

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;
1-121 offers a cut length of 8mm

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

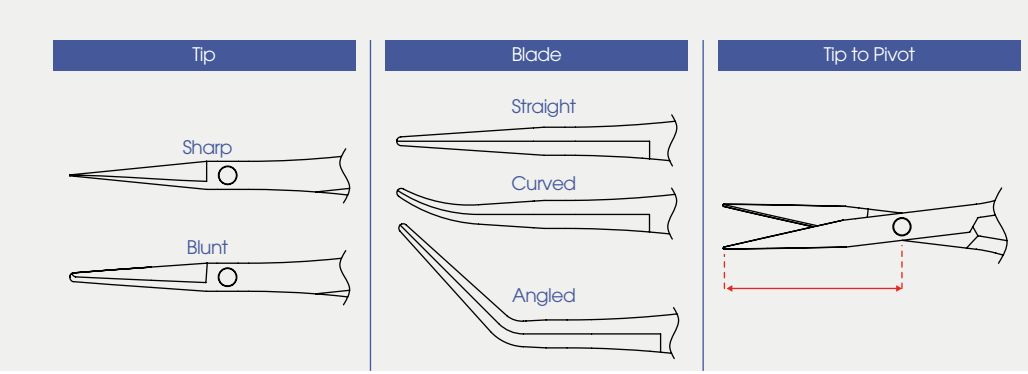
More Details...
For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Vannas Scissors

Tip	Blade	Tip to Pivot	Additional Information	
Sharp	Straight	9mm	Vannas Scissors	1-110
	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

Toothed

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

Our engineers use state-of-the art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

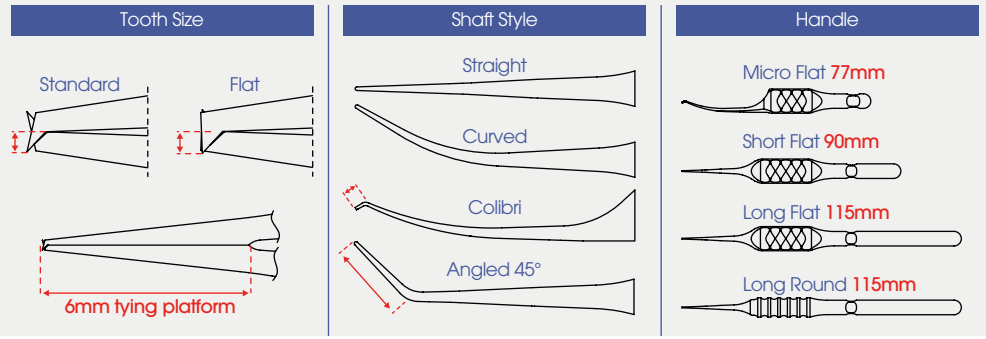
Design registration number 004383396-0001

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



Notched

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

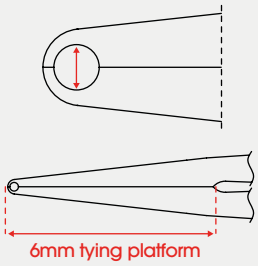
Instrument Comparison Chart

Product Name - Notched Forceps

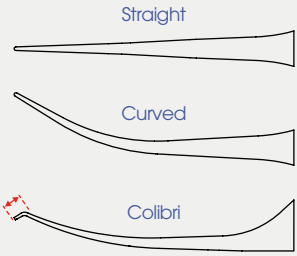
Notch	Shaft Style	Handle Type	Additional Information	
0.25mm	Straight	Short Flat	Pierse Notched Forceps	2-100E
		Long Flat	Pierse Notched Forceps	2-104E
	Curved	Short Flat	Pierse Notched Forceps	2-101E
		Long Flat	Pierse Notched Forceps	2-103E
	1.5mm Colibri	Micro Flat	Pierse Notched Forceps	2-200E
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

Best Seller

Notch / Tying Platform

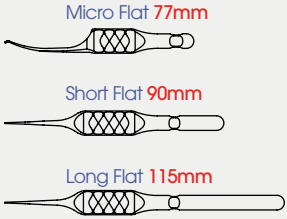


Shaft Style



Handle

(overall length)



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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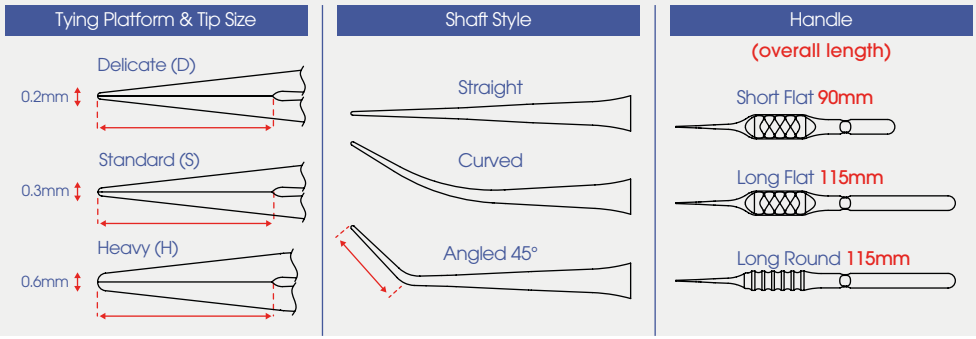
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Tying Forceps

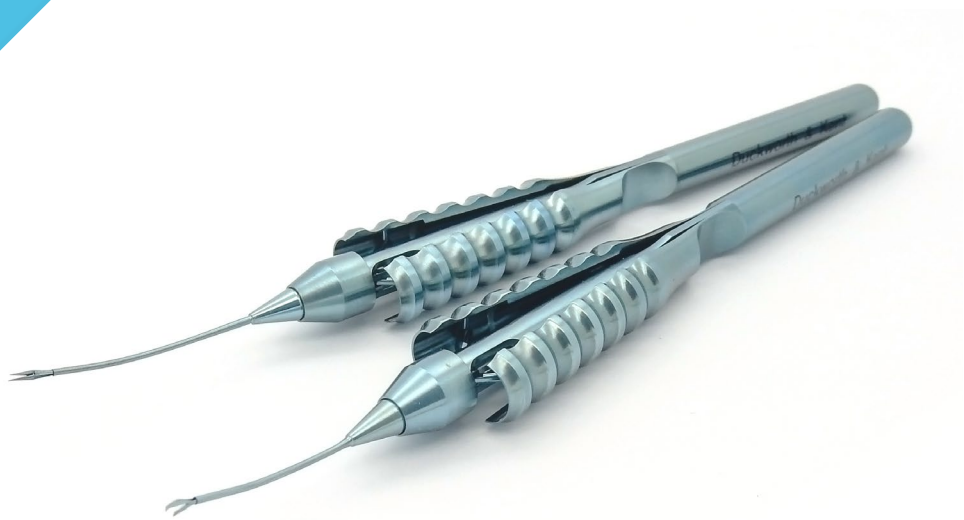
Platform & Tip	Shaft Style	Handle Type	Additional Information	
4mm (S)	Angled 5mm	Short Flat	Kelman-McPherson Tying Forceps	2-520E
6mm (S)	Straight	Short Flat	Tying Forceps	2-500E
		Long Flat	Harms-Tubingen Tying Forceps	2-504E
		Long Round	Tying Forceps	2-504ER8
	Curved	Short Flat	Tying Forceps	2-501E
		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	2-500-1E
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

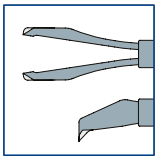


THINK SMALL

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.

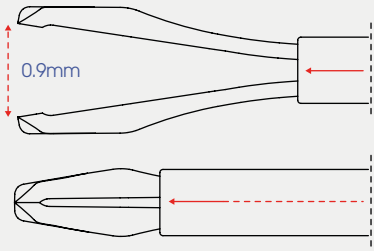
Curved 23 Gauge Shaft

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

Capsulorhexis 1.5mm Incision

Capsulorhexis 1.5mm Incision

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

Our engineers use state-of-the art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

Design registration number 004383396-0001

Instrument Comparison Chart

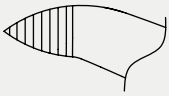
Product Name - Capsulorhexis Forceps

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
Extra Sharp	8.5mm	Long Flat	Inamura Capsulorhexis Forceps	2-716GN-2E
		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

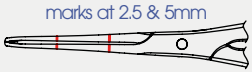
Sharp 45°



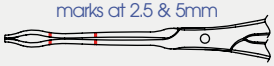
Extra Sharp 80°

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

Capsulorhexis 1.8mm Incision

Capsulorhexis 1.8mm Incision

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

Our engineers use state-of-the art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

Design registration number 004383396-0001

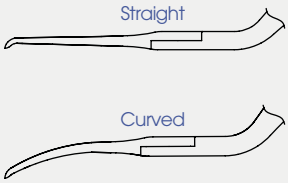
Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

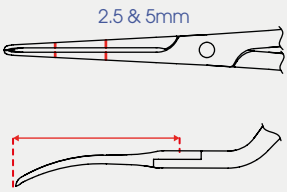
Shaft	Tip to Pivot	Handle	Additional Information	
Straight	9.5mm	Long Flat	Inamura Capsulorhexis Forceps	2-716GE-3
		Long Round	Inamura Capsulorhexis Forceps	2-716GER8-3
Curved	8.5mm	Long Round	Inamura Capsulorhexis Forceps	2-716GER8-2
	9.5mm	Long Flat	Inamura Capsulorhexis Forceps	2-716GE
		Long Round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

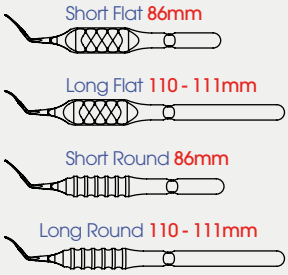
Shaft Style



Marked Tip & Tip to Pivot



Handle



(overall length)

Capsulorhexis 1.8mm Incision

Capsulorhexis 1.8mm Incision

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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Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

Design registration number 004383396-0001

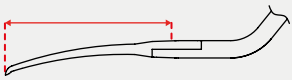
Instrument Comparison Chart

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
	6 x 1mm	Long Flat	Jones-Inamura Capsulorhexis Forceps	2-716G-10E
		Long Round	Jones-Inamura Capsulorhexis Forceps	2-716G-10RE

Best Sellers

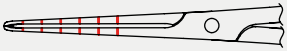
Tip to Pivot



Marked Scale

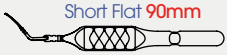
2.5 & 5mm

6 x1mm



Handle

Short Flat 90mm



Long Flat 115mm

Short Round 90mm

Long Round 115mm

(overall length)

Capsulorhexis 1.8mm Incision

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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Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

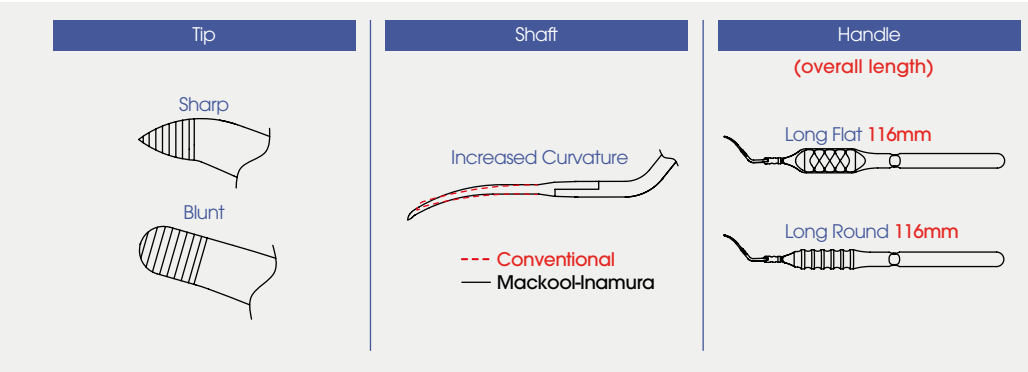
Design registration number 004383396-0001

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



Capsulorhexis 2.2mm Incision

Capsulorhexis 2.2mm Incision

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

Our engineers use state-of-the art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

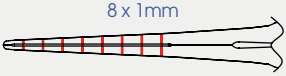
Marked Scale	Shaft	Handle Type	Additional Information	
2.5 & 5mm	Straight	Short Flat	Utrata Capsulorhexis Forceps	2-719-3E
		Long Flat	Utrata Capsulorhexis Forceps	2-719-4E
		Long Round	Utrata Capsulorhexis Forceps	2-714-3ER8
	Curved	Short Flat	Utrata Capsulorhexis Forceps	2-718-3E
		Long Round	Utrata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

Best Sellers

Marked Scale

2.5 & 5mm

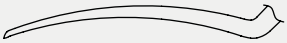
8 x 1mm



Shaft Style

Straight

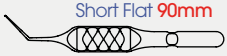
Curved



Handle

(overall length)

Short Flat 90mm



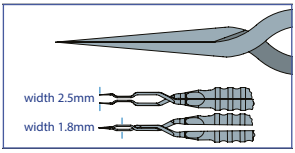
Long Flat 115mm

Long Round 115mm

Prechoppers

Prechopper Forceps

2-815E

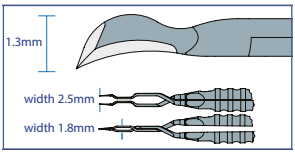


Akahoshi Prechopper Forceps

- 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

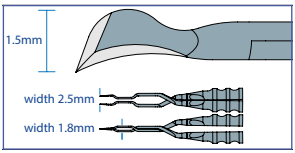
Prechopper Forceps

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



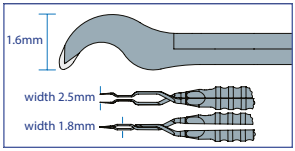
Large Tip

2-817-1E

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

Prechopper Forceps

2-818E

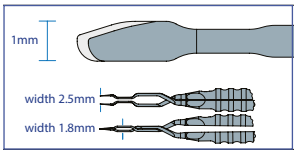


Inamura Talon Prechopper Forceps

- 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

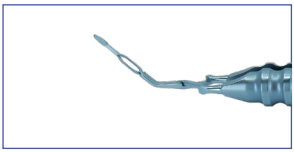
Prechopper Forceps

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

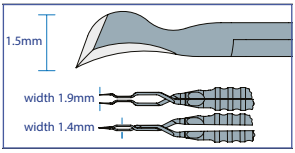
2-820E

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

Prechoppers

Prechopper Forceps

2-821E

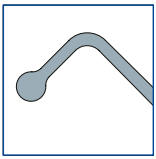


CataPulse® Mini Prechopper

- **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

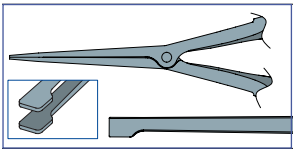


Akahoshi Nucleus Sustainer

- 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

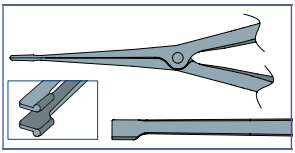


Brown Nucleus Cracker

- 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

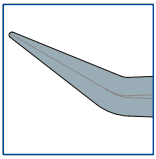


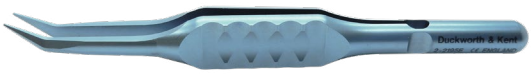
Denman-Brown Nucleus Cracker

- 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

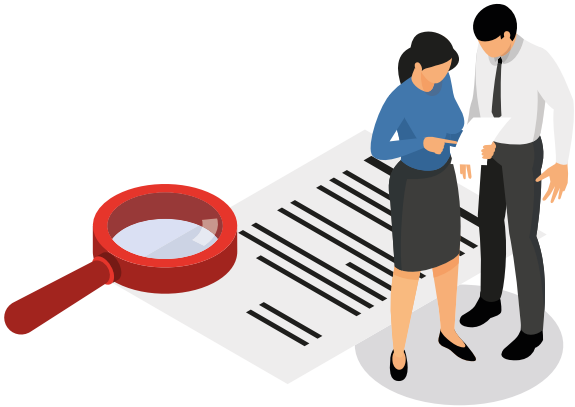




Single Piece Epilation Forceps

- 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

Guidelines for Reprocessing



Visit **www.duckworth-and-kent.com/guidelines-for-reprocessing**
to view guidelines for reprocessing
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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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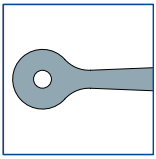
- Croatian
- Hungarian
- Bulgarian

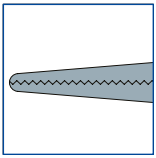
Conjunctival Forceps 2-167E



Osher Conjunctival Forceps

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

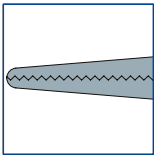
Conjunctival Forceps 2-500-4E

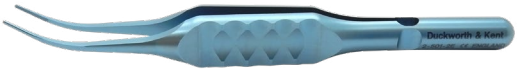


Chihara Conjunctival Forceps

- 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



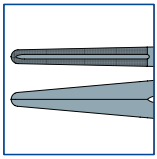


Chihara Conjunctival Forceps, Curved

- 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

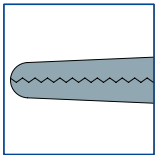


Otaka Conjunctival Forceps

- 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

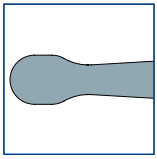


Moorfields Utility Forceps

- 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

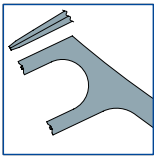


Khaw Suture Control Forceps

- **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

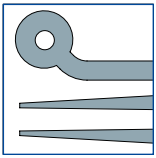


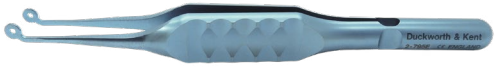
Double Toothed Colibri Forceps, 0.12mm

- 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



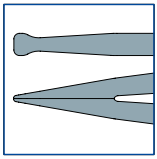


Flap Lifting Forceps

- 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

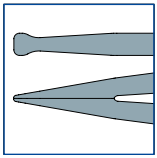


DMEK Descemet's Stripping Forceps

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

DMEK Forceps

2-287E

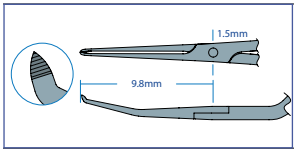


DMEK Descemet's Stripping Forceps, Angled

- 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

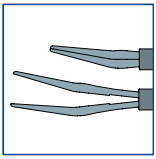


DMEK Descemet's Stripping Forceps, Cross Action

- 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

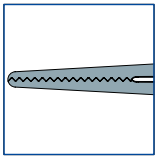


Güell Descemet's Membrane Forceps

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

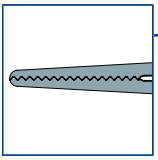
SMILE Forceps

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



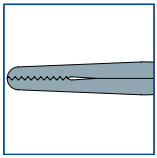
2-835E

NeoVize SMILE Forceps

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

SMILE Forceps

2-837

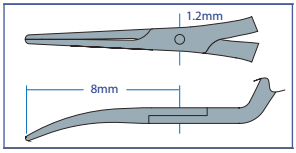


SMILE Lenticule Removal Forceps, 23 Gauge

- **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

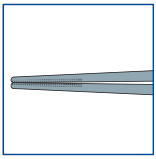


Chan SMILE Dissecting Forceps

- 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

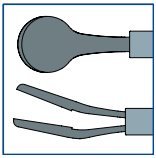


Deitz ICL Loading Forceps

- 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

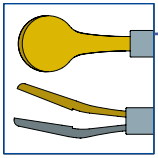
ICL Forceps

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

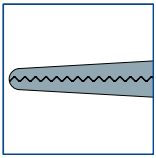
ICL Forceps, Angled

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

See page 13 for full-length image

Nucleus Forceps

2-796E

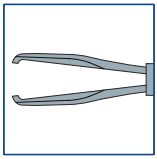


IOL/Nucleus Removal Forceps

- 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

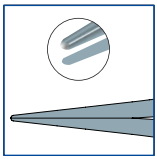


IOL Implant Gripping Forceps, 23 Gauge

- Fine end gripping tips
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 122mm

Plain Forceps

2-900E



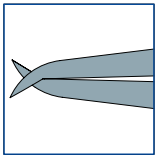
Engraved Symbol
Plain / Jewellers <

Jewellers Forceps

- 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

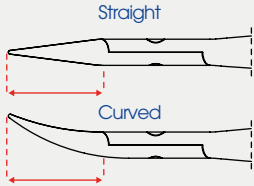
Instrument Comparison Chart

Product Name - Needle Holder

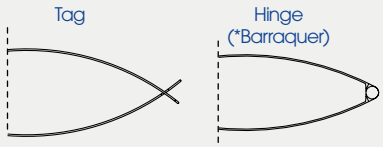
Jaw	Tip	Handle	Additional Information	With Lock	Without Lock
7mm Curved	Delicate	Short	Needle Holder	3-206	3-205
		Standard	Needle Holder	3-423	3-422
9mm Straight	Standard	Short	Needle Holder	-	3-201
9mm Curved	Standard	Short	Needle Holder	3-202	3-203
		Long	Needle Holder	33-202	33-203
	Blunt	Short	Needle Holder	3-222	3-223
	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

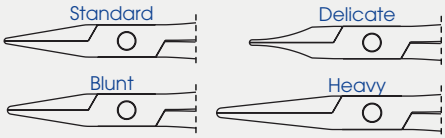
Blade



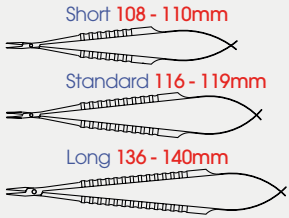
Hinge



Size



Size



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

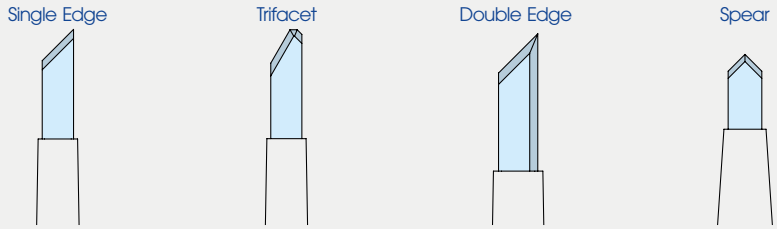
Instrument Comparison Chart

Product Name - Diamond Knife

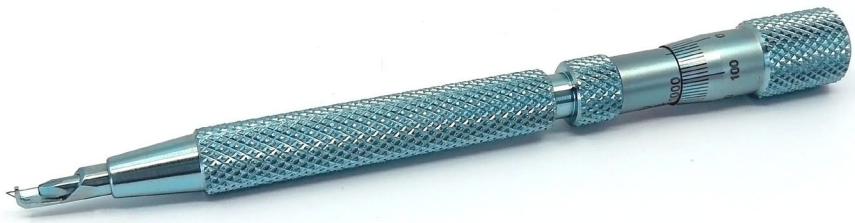
Blade Position	Blade Style	Blade Width	Additional Information	
Straight	45° Single	1mm	Retractable Diamond Knife	4-100
	Trifacet	1mm	Retractable Diamond Knife	4-115
	30° Single	1mm	Retractable Diamond Knife	4-125
	45° Double	1mm	Pearce Retractable Diamond Knife	4-600
Angled	Spear	2.4mm	Angled Retractable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

Best Sellers

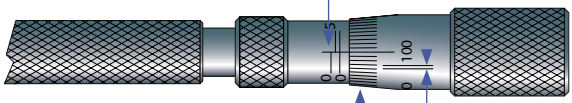
Blade Style



Micrometer



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

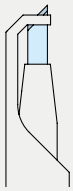
Product Name - Diamond Knife

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

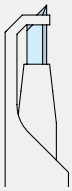
Best Sellers

Blade Style

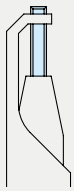
Single Edge



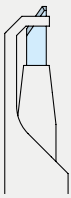
Double Edge



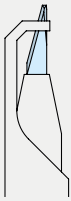
Rectangular



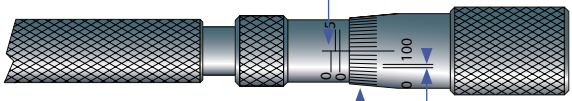
Bifacet



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	
600 microns	120mm	Wallace LRI Diamond Knife	4-620
	118mm	Packard-Rosen LRI Diamond Knife	4-621

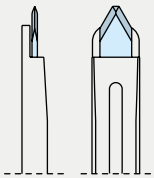
Micrometer

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

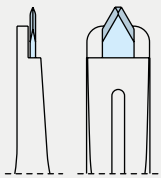
Best Seller

Blade Style

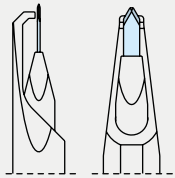
Wallace



Packard-Rosen



Micrometer



Titanium Reusable Ophthalmic Instruments

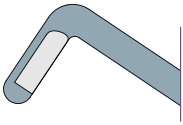
Choppers, Spatulas and Manipulators

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

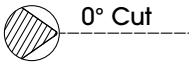
Horizontal Choppers

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.

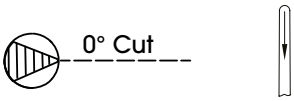


Side View
Our simplified 2D side view shows the shape of the instrument and size of the blade

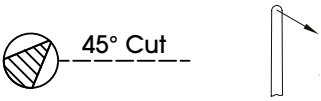


Cutting Edge Angle
Dashed line represents the axis of the shaft. Hatched area shows cross-section view of chopper tip shape. Degree refers to angle of chopper cutting edge in relation to shaft axis

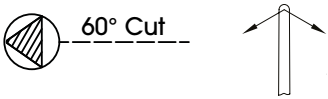
Cutting Direction
Illustrates direction and angle that the instrument is designed to cut, viewed from above

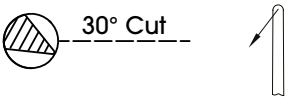


Symmetrical



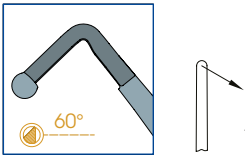
Asymmetrical
For use through the specified side port





Nucleus Chopper

6-072-1

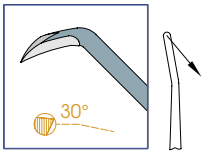


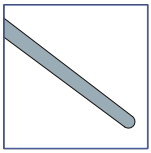
Bordeianu Nucleus Chopper

- 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





Arasaslan Nucleus Chopper and Spatula

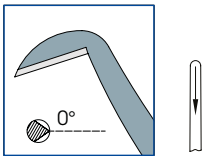
Nucleus Cutter
- Sharp point
- Tip length 1.2mm
- **Cutting edge 30° to axis**
- Tip to angle length 9.8mm
- 60° angled curved shaft

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

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

Nucleus Chopper

6-075-1

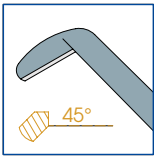


Packard 'Fat Boy' Nucleus Chopper

- 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

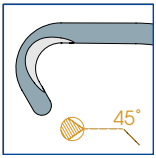


Rosen Nucleus Splitter

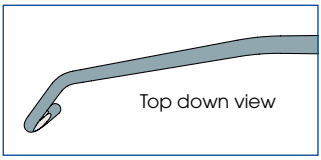
- Straight, sharp inner sides of tip
- **Tip length 0.8mm**
- **Cutting edge 45° to axis**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-079



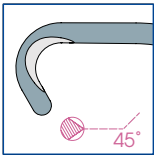
Green Nucleus Chopper



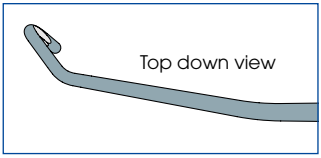
- Curved, sharp inner sides of tip
- Tip length 1mm
- **Cutting edge 45° to axis**
- Tip to angle length 9mm
- 65° angled shaft
- Round handle, overall length 117mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-079-1



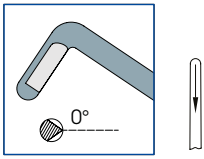
Green Nucleus Chopper



- 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

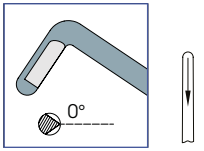


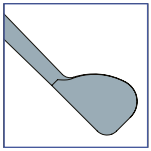
Nucleus Chopper

- 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

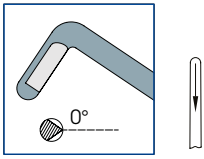
- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 0° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Nucleus Rotator

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

Nucleus Chopper

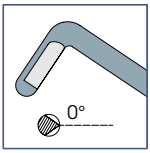
6-080-3



Findl 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

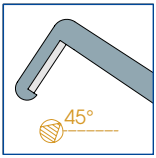


Findl Nucleus Chopper and Spatula

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

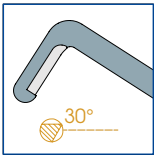
Nucleus Chopper Best Seller 6-081



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

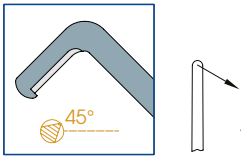


Nucleus Chopper

- 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

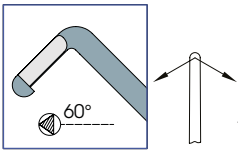


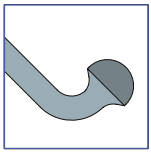
Hara Nucleus Chopper

- 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

Best Seller 6-085





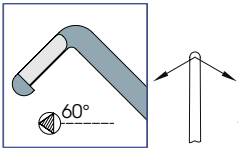
Barrett Nucleus Chopper and Manipulator

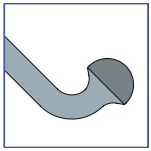
Nucleus Chopper
- Straight, sharp inner/outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

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

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

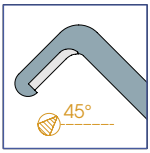
Inamura Nucleus Chopper and Manipulator

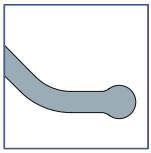
Nucleus Chopper
- Straight, sharp inner sides of tip
- Tip length 1.1mm
- **Cutting edge 45° to axis**
- Tip to angle length 11mm
- 45° angled shaft

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



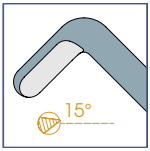


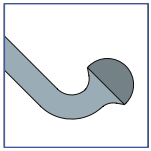
Inamura Nucleus Chopper and Manipulator

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



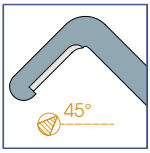


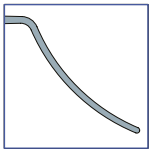
Jakobsen-Barrett Nucleus Chopper and Manipulator

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





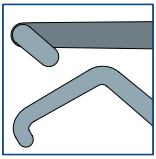
Nucleus Chopper and Repositor

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

6-086-7

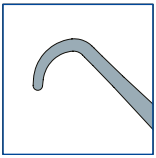


Inamura RACE Hook, Left Hand

- 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



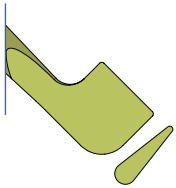
Scott Femto Nucleus Chopper

- 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

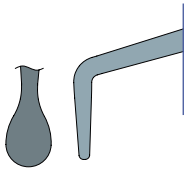
Vertical Choppers

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.

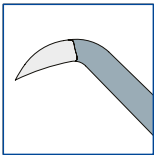


Axe
Coloured tip view with
view of Axe from above



Divider
Coloured tip view with
view of divider from above

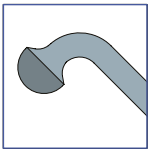
Nucleus Chopper 6-074-2



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



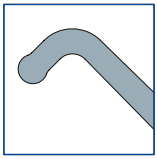
Barrett Phaco-Axe and Manipulator

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

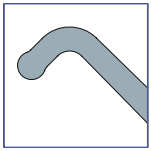


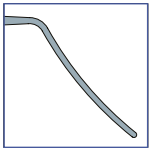
Mackool Phaco Chopper

- 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

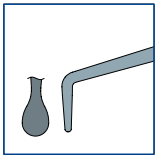
- Straight miniature 0.35mm diameter ball shaped tip
- Tip length 0.7mm
- Tip to angle length 10mm
- 45° angled shaft

Spatula

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

Nucleus Divider

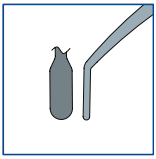
Best Seller 6-090



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

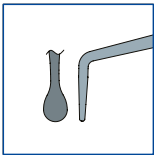
Nucleus Divider 6-090-3



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

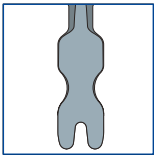
Nucleus Divider 6-090-6



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

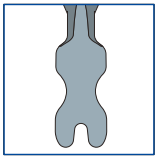


Rana-Ota Nucleus Dividing Hook

- 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

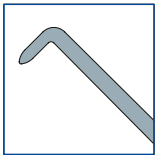


Rana-Ota Nucleus Dividing Hook

- 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

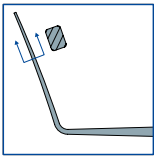


Vertical Chopper

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

Spatula

6-099

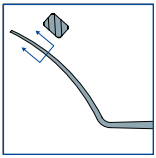


Mackool-Barraquer Spatula

- 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

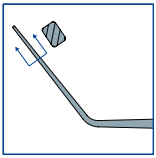


Iris Repositor

- 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

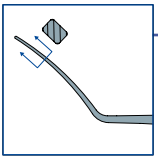
Spatula

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



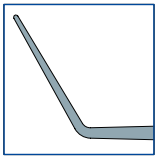
6-099-4

Spatula

- 45° curved blade

Spatula

6-099-3

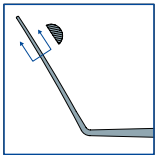


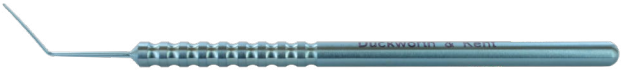
Anwar Keratoplasty Spatula

- 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



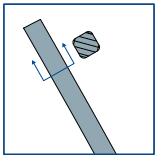


Castroviejo Style Cyclodialysis Spatula

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

Spatula

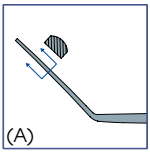
6-101

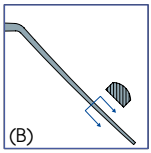


Barraquer Style Iris Spatula

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

Spatula 6-102



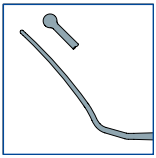


Castroviejo Style Double Ended Synechia Spatula

(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 6-107



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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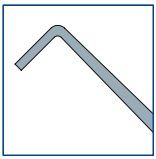
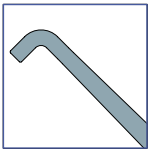
Hook 6-112

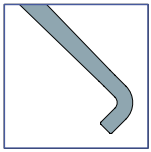


Anwar Keratoplasty Hook

- 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

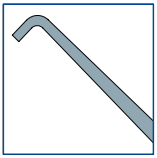




Double Ended Sinskey Hook

- **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

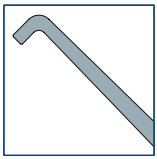


Delicate Sinskey Hook

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

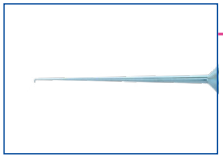
Sinskey Hook

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



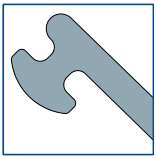
Best Seller 6-251

Sinskey Hook

- Straight shaft
- Round handle, overall length 121mm

IOL Hook

Best Seller 6-400

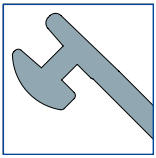


Kuglen IOL Hook

- 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

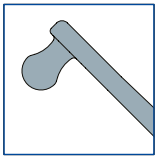
6-400-1



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

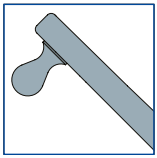
IOL Manipulator 6-417



Ogawa IOL Manipulator

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

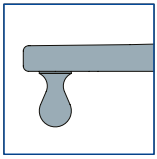
IOL Manipulator 6-418



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

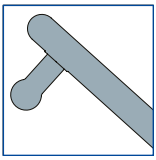


Ogawa Miniature IOL Manipulator, Straight

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

IOL Manipulator

Best Seller 6-450

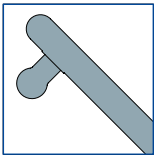


Lester IOL Manipulator

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

IOL Manipulator

6-460

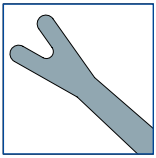


Hirschman IOL Manipulator

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

IOL Manipulator

6-467

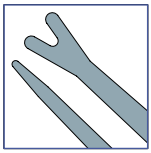


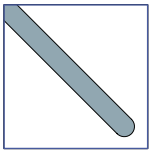
IOL Manipulator

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

IOL Manipulator

Best Seller 6-469





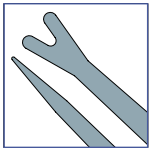
IOL Manipulator and Spatula

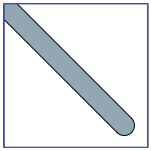
IOL Manipulator
- **0.67mm vertically forked tip**
- Tip to angle length 9mm
- 45° angled shaft

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

IOL Manipulator

6-469-1



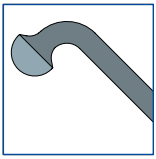


IOL Manipulator and Spatula

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

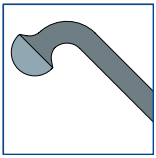
Nucleus Manipulator 6-472



Barrett Nucleus Manipulator

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

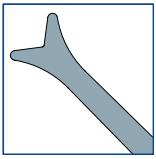
Nucleus Manipulator Best Seller 6-472-1



Nucleus Manipulator

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

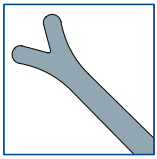
Nucleus Rotator 6-470



Bechert Nucleus Rotator

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

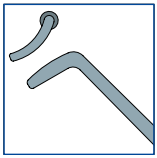
Nucleus Rotator 6-476



Mackool Nucleus Rotator

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

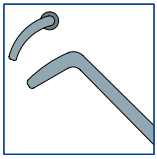
Nucleus Rotator 6-491-2



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**

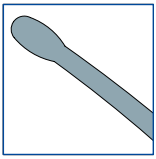
Nucleus Rotator 6-491-3



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**

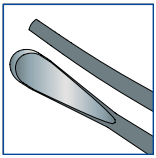
Nucleus Rotator 6-494



Nucleus Rotator

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

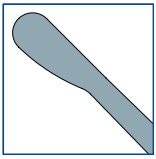
Nucleus Rotator 6-495



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

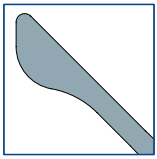


Drysdale Rotator, Small

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

Nucleus Rotator

6-496-1

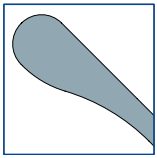


Drysdale Rotator, Angled

- **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

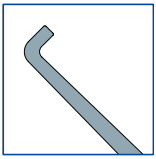


Drysdale Rotator, Large

- **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

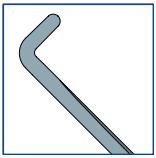


Reverse Sinskey Hook

- **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

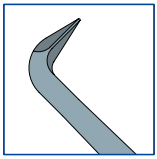


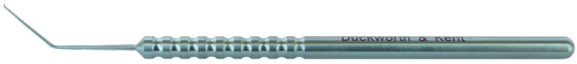
Güell Reverse Sinskey Hook

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

DMEK Scraper

6-257

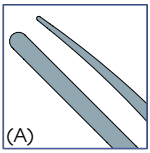


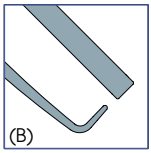


Daya Descemet's Scraper

- 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



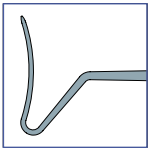


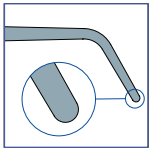
Krokchings Double Ended Femto Spatula

(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



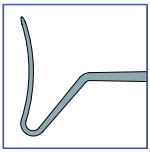


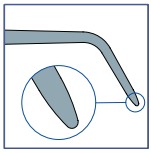
Femto Flap Lifter and Re-treatment Spatula

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





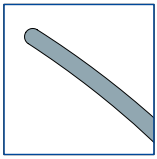
Femto Flap Lifter and Re-treatment Spatula

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

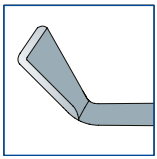


Femto Spatula

- 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

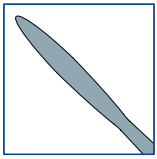


Epithelial Separator

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

LASIK Spatula

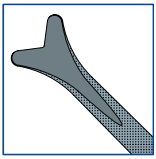
6-870



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

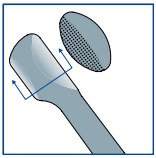
ICL Manipulator 6-479



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

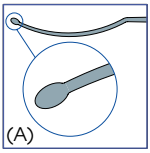
ICL Manipulator Best Seller 6-481

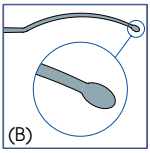


Pallikaris ICL Manipulator

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

(B) Manipulator
- 0.6mm x 1.mm oval shaped tip
- Tip to angle length 12.5mm
- 45° angled curved shaft (curved right)
- Round handle, overall length 143mm

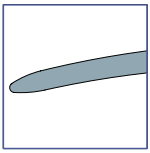
Renewable Energy

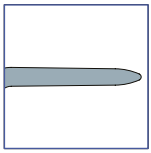
Reusable Instruments Manufactured Using **Renewable Energy**

Our high-quality precision engineered reusable titanium ophthalmic instruments are now manufactured utilising the power of the sun in the form of solar panels at our Headquarters.

Building Towards A Sustainable Future

SMILE Dissector 6-835



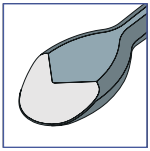


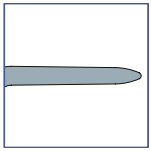
SMILE Double Ended Dissector

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



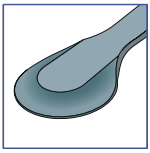


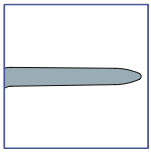
SMILE Double Ended Dissector with Spoon Tip

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





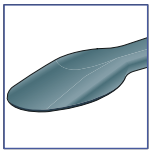
SMILE Double Ended Dissector with Taneri Spoon Tip

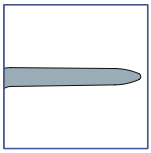
Spoon Shaped Tip
- 1.3 x 0.2mm semi-sharp spoon-shaped tip
- Tip to angle length 8.5mm
- 60° angled straight shaft
- **Laser markings on angled shaft at 7mm, 7.5mm and 8mm from tip**

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

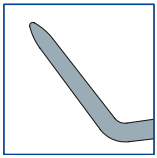
- **1.2 x 0.4mm smooth spoon-shaped tip**
- Tip to angle length 8.5mm
- 90° angled curved shaft

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

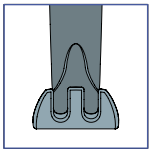


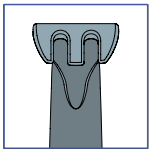
SMILE Short Dissector

- **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

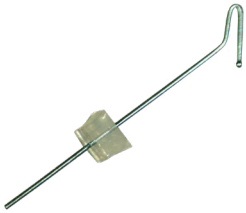
Mackool Iris Retractor

- **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



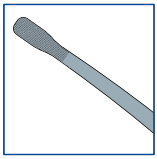
Sterilising Case 6-135-1

Mackool Holder / Sterilising Case

- External dimensions: 19mm diameter, 12mm height
- Internal dimensions: 15mm diameter, 10mm height
- Made from Ultem, a semi transparent orange coloured plastic

Capsule Polisher

6-510

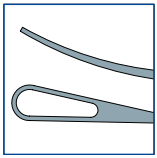


Mackool Capsule Polisher

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

Lens Loop

6-610

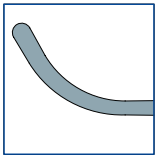


Barrett Lens Loop

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

Nucleus Expressor

6-630

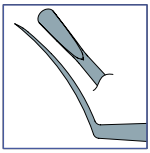


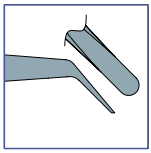
Barrett Nucleus Expressor

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

Lamellar Dissector

6-607





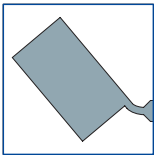
Morlet Lamellar Dissector and Knife

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

Trephine Guide

6-946



Trephine 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

Keratometer

Best Seller 6-700

Maloney Keratometer

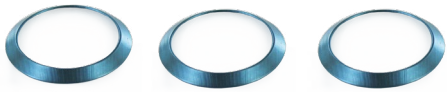
- 31mm maximum diameter
- 21.5mm height
- Cone-shaped instrument designed to reflect the microscope light in concentric rings on the cornea to detect astigmatism

Scleral Support Rings

6-600

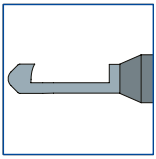
Scleral Support Rings

- 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

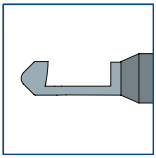


Khaw Descemet's Membrane Punch, Small

- 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

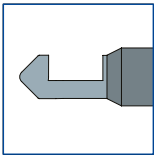


Khaw Descemet's Membrane Punch, Medium

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

Descemet's Punch

7-105

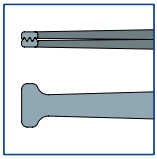


Descemet's Membrane Punch, Large

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

Conjunctival Clamp

Best Seller 2-686

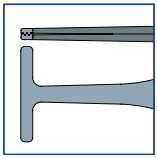


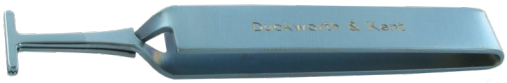
Khaw Conjunctival Clamp, Small

- 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

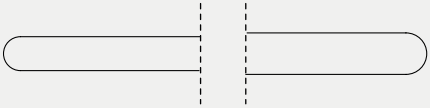
Lacrimal Probes

Finish
High quality surface finish over first 5mm of tips.

Length
Overall length 130mm.

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

Probe Tips



Instrument Comparison Chart

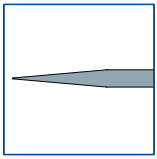
Product Name - Lacrimal Probe

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

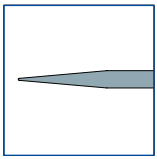


Lacrimal Dilator

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

Lacrimal Dilator

6-180-1

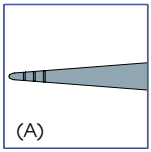


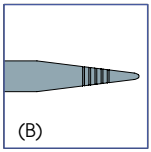
Lacrimal Dilator

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

Lacrimal Dilator

Best Seller 6-182-2





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

Oculoplastics

Chalazion Curettes

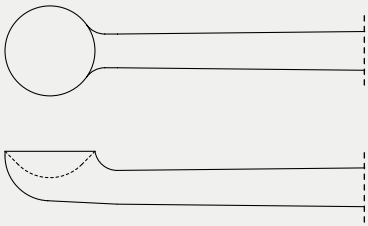
Handle
All curettes have a round handle.

Shaft
All curettes have a straight shaft.

Length
All curettes have a 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

Eye Shields

Protects the eye when carrying out laser blepharoplasty surgery

Finish

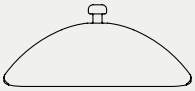
All shields are highly polished except external surface of Miyata Eye Shield (6-667-7) which has a matte finish.

Grasping Mechanism

Peg, loop or handle to facilitate placement and removal.

Grasping Mechanism

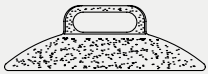
Peg



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

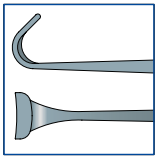
Eye Shield 6-665

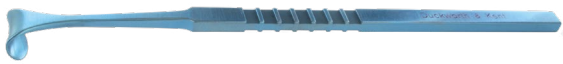
Rabkin Laser Plate

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

Lid Retractor

6-628



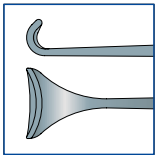


Desmarres Lid Retractor, size 0

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

Lid Retractor

6-629



Rabkin Lid Retractor

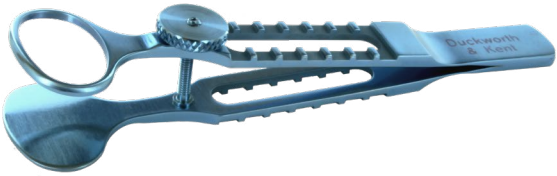
- Blade width 15.5mm
- Flat handle, overall length 134mm
- Non-reflective finish, textured surface top face

Lid Clamp

2-640

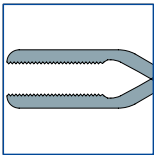
Desmarres Chalazion Clamp

- 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

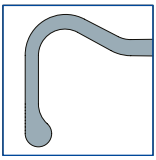


Bulldog Clip

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

Muscle Hook

Best Seller 6-625

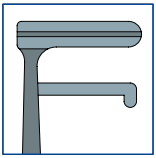


Jameson Muscle Hook

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

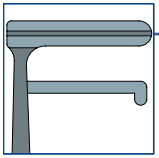
Muscle Hook

6-626



Assaf Resection Muscle Hook

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



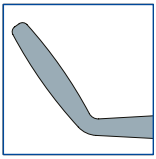
6-626-1

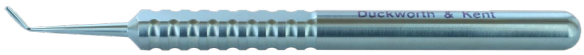
Assaf Resection Muscle Hook

- 90° double **12mm adjustable tips**

Scleral Depressor

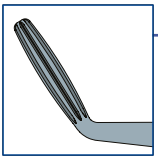
6-615





Tsukahara Scleral Depressor

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



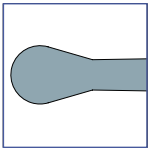
6-615-1

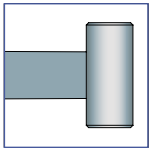
Tsukahara Scleral Depressor

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

Scleral Depressor

Best Seller 6-635-2





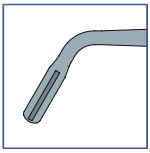
Schocket Double Ended Scleral Depressor

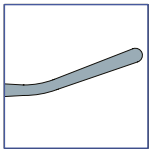
Round Tip
- 2.5mm round tip

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

Scleral Depressor

6-635-3





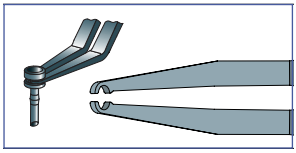
Koura Double Ended Scleral Depressor

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

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

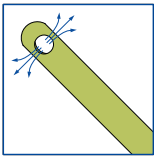
Titanium Reusable Ophthalmic Instruments

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

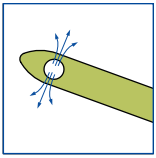


Irrigation Handpiece

- **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

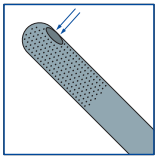


Irrigation Handpiece

- **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

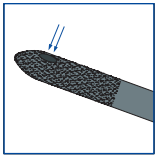


Aspiration Handpiece

- **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

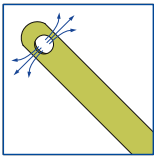


Aspiration Handpiece

- **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

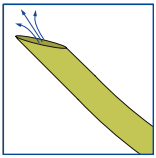


Irrigation Handpiece

- **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

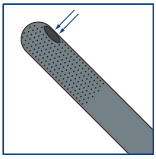


Irrigation Handpiece

- **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**

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

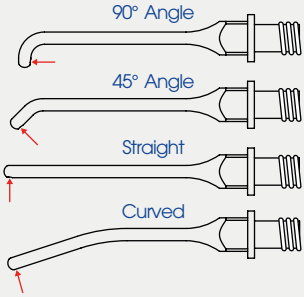
Port Size	Shape	Texture	Additional Information	
0.25mm	90° Angled	None	Aspiration Tip, 90° Angled Tip	8-730
0.3mm	90° Angled	None	Aspiration Tip, 90° Angled Tip	8-731
	45° Angled	None	Aspiration Tip, 45° Angled Tip	8-731-1
	Straight	None	Aspiration Tip, Straight Tip	8-731-3
	Curved	Half	Aspiration Tip,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

20 Gauge / 0.9mm Tube Diameter

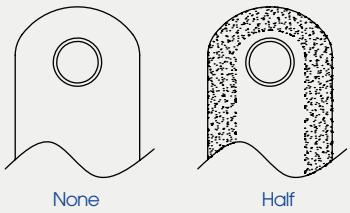
Port Size	Shape	Texture	Additional Information	
0.3mm	90° Angled	None	Aspiration Tip, 90° Angled Tip	8-732
	45° Angled	None	Aspiration Tip, 45° Angled Tip	8-732-1
	Straight	None	Aspiration Tip, Straight Tip	8-732-3
	Curved	Half	Aspiration Tip, Curved Tip	8-732-4

Best Sellers

Shape

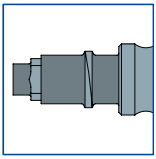


Texture



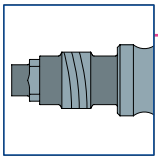
I/A Handpiece

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



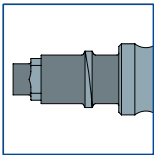
Best Seller 8-711-1N

I/A Handpiece, Screw Fit

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

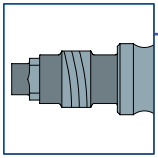
I/A Handpiece

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

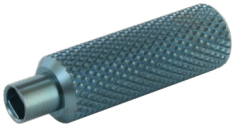
- **Multi-thread at front of handpiece**
- **Silicone sleeve screw fits onto multi-thread**

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

8-720

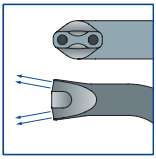
Cannula Handle

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

Irrigating Cannulas

Cannula

8-601

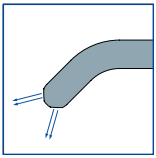


Inamura Hyper-Hydrodissection Cannula

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

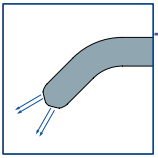
Cannula

8-601-1



Inamura Hydrodissection Cannula

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



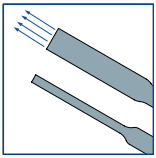
8-601-2

Inamura Multipurpose Cannula

- Twin jets, inclusive angle **30°**

Cannula

Best Seller 8-602

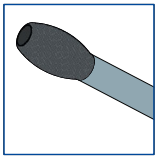


Mackool Hydrodissection Cannula

- 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

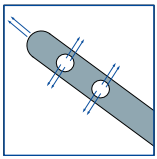


Capsule Polishing Cannula, 23 Gauge

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

Cannula

8-604

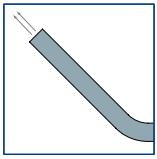


LASIK Cannula

- 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

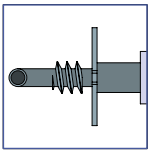


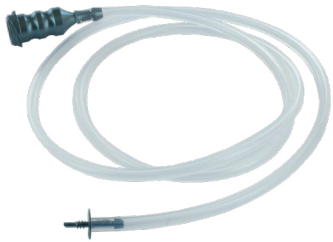
Air Injection Cannula

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

Cannula

8-615-1



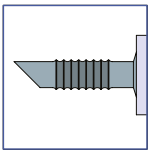


Rassam Infusion Cannula

- **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



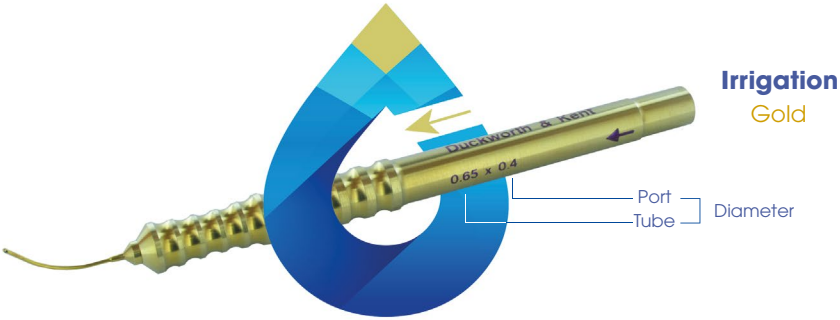
Ogawa Infusion Cannula, 20 Gauge

- **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

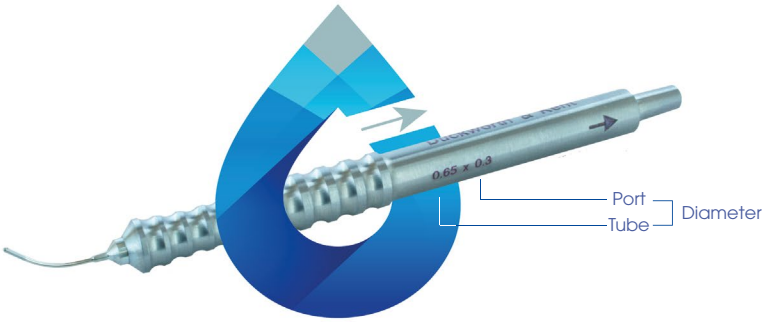
Precision engineered irrigation and aspiration handpieces.
Consistent high flow rates.

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.



Irrigation
Gold



Aspiration
Blue

Coaxial handpieces and tips

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

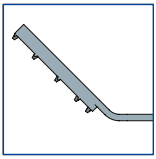
Titanium Reusable Ophthalmic Instruments

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

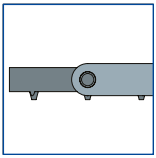


Thornton Fixation Ring

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

Fixation Ring

Best Seller 9-510

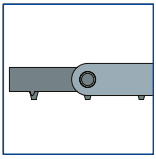


Thornton Fixation Ring

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

Fixation Ring

Best Seller 9-510R

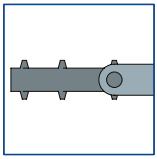


Thornton Fixation Ring

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

Fixation Ring

9-515R

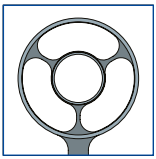


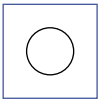
Thornton Fixation Ring

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

CCC Marker

9-518-2





Mark Made

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

Best Seller 9-518-4

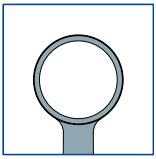
Marks Made

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

Best Seller 9-781

Ring Marker, Ø8.0mm

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

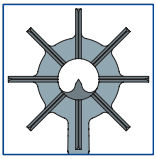
Ring Marker

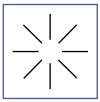
9-788

Ring Marker, Ø9.0mm

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

Blade Marker 9-732



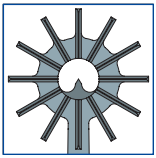


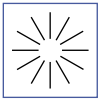
Marks Made

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



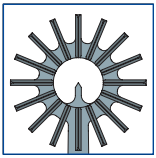


Marks Made

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



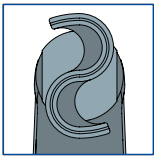
Marks Made

Thornton Radial Marker, 16 Blades

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

S Marker

9-830



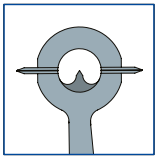
Mark Made

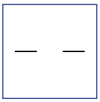
DMEK 'S' Marker

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

Blade Marker

9-729





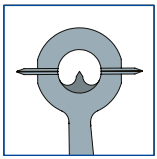
Marks Made

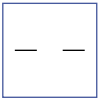
Axis Marker, 2 Blades

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

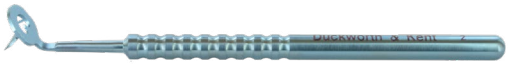
Blade Marker

Best Seller 9-729-1





Marks Made

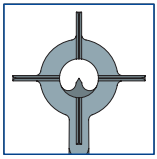


Axis Marker, 2 Blades

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

Blade Marker

9-730



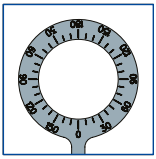
Marks Made

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

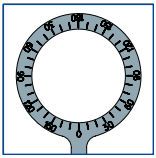


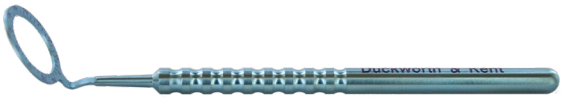
Mendez Degree Gauge

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

Degree Gauge

9-705R



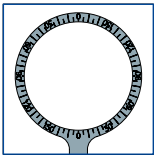


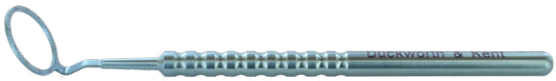
Wallace-Mendez Degree Gauge

- 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



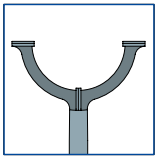


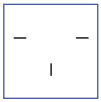
Mendez Degree Gauge

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

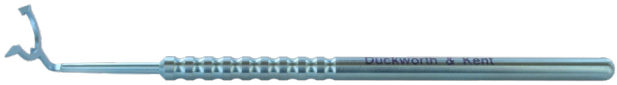
Toric Marker

Best Seller 9-840





Marks Made

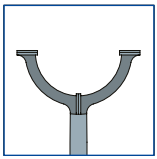


Cionni Toric Reference Marker

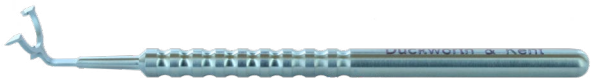
- **3 blades**, radial marks
- **10mm** inside diameter, **15mm** outside diameter
- 70° angled shaft
- Round handle, overall length 124mm

Toric Marker

9-840-1



Marks Made

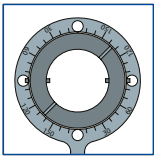


Cionni Toric Reference Marker

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

Toric Marker

Best Seller 9-841



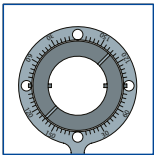
Marks Made

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



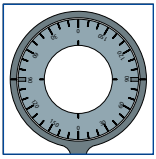
Marks Made

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



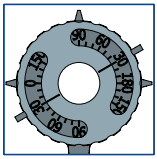
Marks Made

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



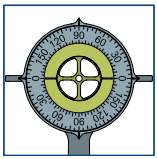
Marks Made

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



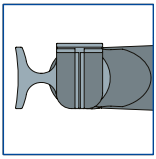
Marks Made

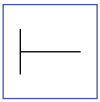
Barrett Toric Axis Marker

- 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





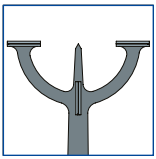
Mark Made

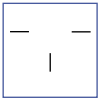
Ota 'T' Incision Marker

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

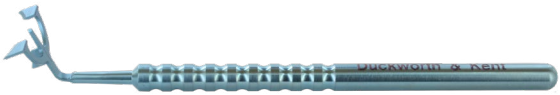
Incision Marker

9-846





Marks Made

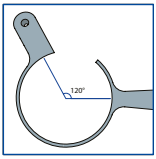


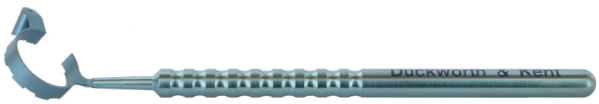
Ota Reference Incision Marker

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

Injection Guide

Best Seller 9-544



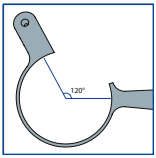


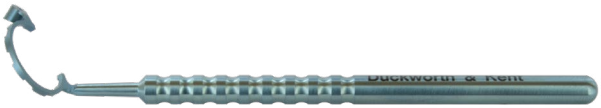
Doi-Uematsu Intravitreal Injection Guide

- 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



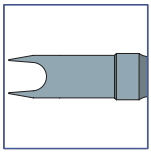


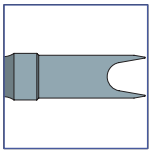
Doi-Uematsu Intravitreal Injection Guide

- 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

Marking Caliper

9-692



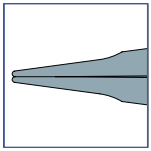


Double Ended Caliper

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

Marking Caliper

9-649

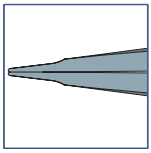


Castroviejo Style Marking Caliper

- 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

Incision Gauges

Incision Gauge Set

9-687

Gauge Options

Set of 7 individual incision gauges from 1mm to 3mm in 0.1mm increments.
Gauges can be ordered individually.

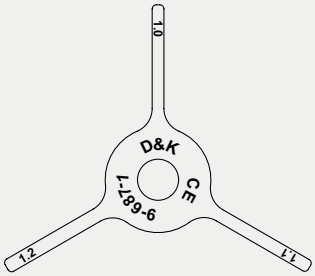
Gauge Sizes

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

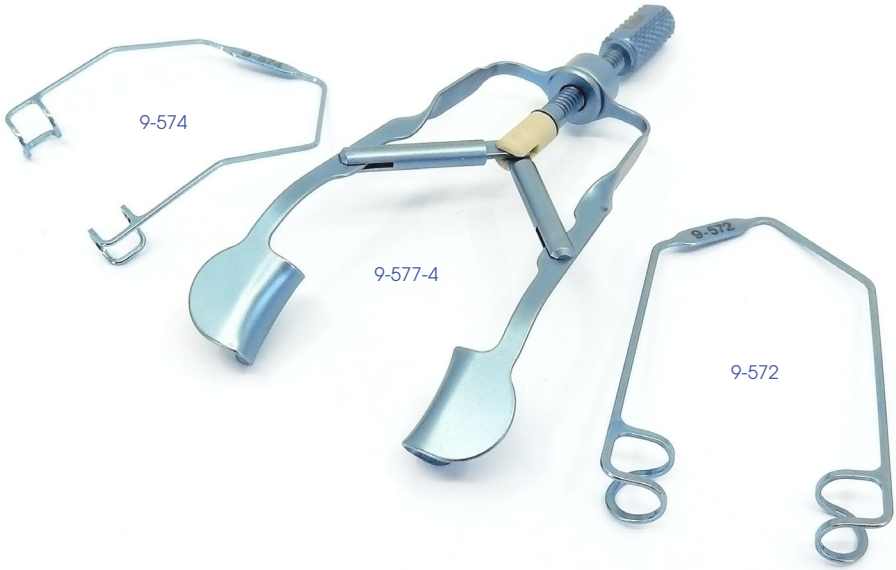
We have a continually growing list of videos demonstrating a range of our instruments.

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

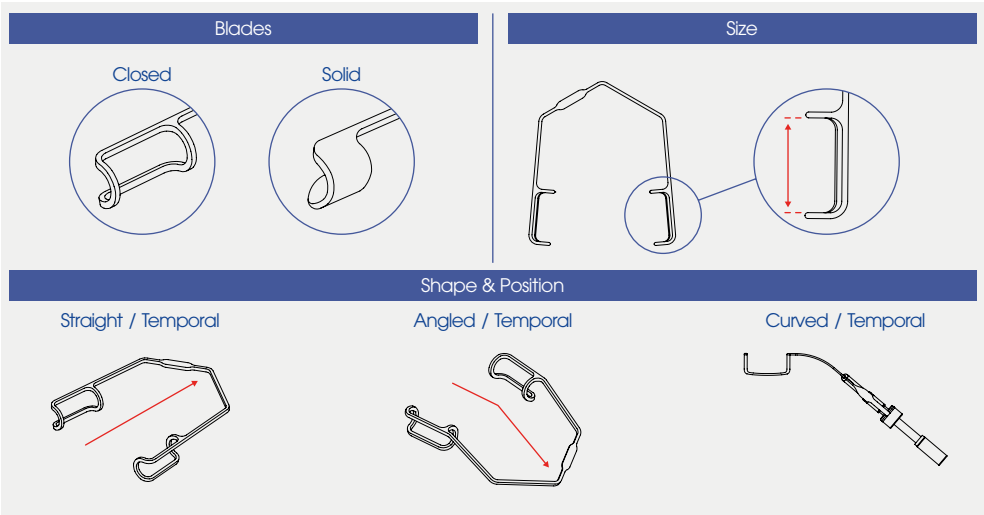
Blades	Size mm	Shape	Position	Additional Information	
Closed	4.4	Angled	Temporal	Neonatal Speculum	9-574
	6	Straight	Temporal	Barraquer Paediatric Speculum	9-572
	9	Angled	Temporal	Barraquer Paediatric Speculum	9-573
Closed Strong	4.4	Angled	Temporal	Neonatal Speculum, Strong Spring	9-574-1

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



Adult Single Piece

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

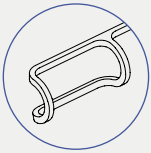
Product Name - Speculum

Blades	Size mm	Shape	Position	Additional Information	
Closed	14	Curved	Temporal	Speculum	9-560
	14.5	Straight	Temporal	Barraquer Adult Speculum	9-550
		Angled	Temporal	Barraquer Adult Speculum	9-551
			Nasal	Barraquer Adult Speculum	9-552
Closed Large	14	Curved	Temporal	Speculum	9-559
Open	14	Curved	Temporal	Speculum	9-560-1
	14.5	Straight	Temporal	Kratz-Barraquer Speculum	9-555
		Angled	Temporal	Kratz-Barraquer Speculum	9-556
			Nasal	Kratz-Barraquer Speculum	9-557

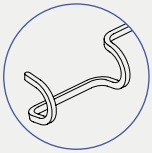
Best Sellers

Blades

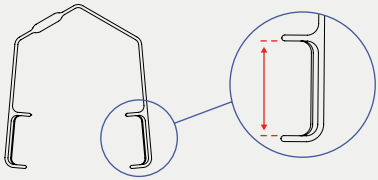
Closed



Open

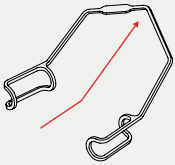


Size

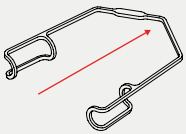


Shape & Position

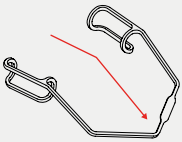
Angled / Nasal



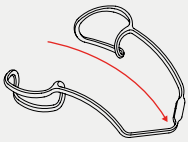
Straight / Temporal

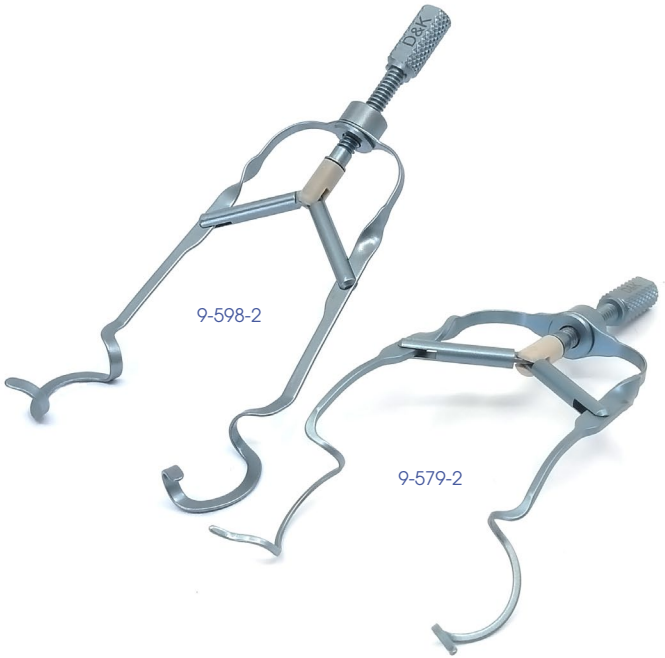


Angled / Temporal



Curved / Temporal





More Details...

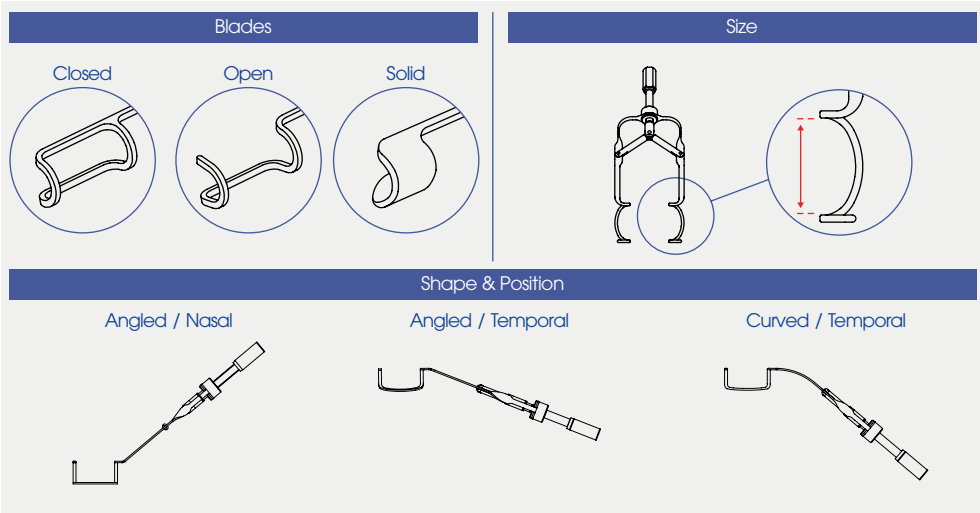
For full product details including overall lengths, visit: **duckworth-and-kent.com**

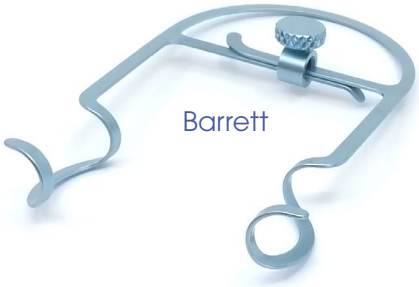
Instrument Comparison Chart

Product Name - Speculum

Blades	Size mm	Shape	Position	Additional Information	
Closed Thin	13.5	Curved	Temporal	Adjustable Speculum, Thin Blades	9-578-2
Closed	14.5	Curved	Temporal	Adjustable Speculum	9-578
Open Thin	13.5	Curved	Temporal	Adjustable Speculum, Thin Blades	9-579-2
Open Thick	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





Barrett

More Details...

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

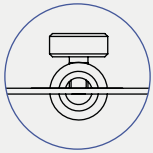
Instrument Comparison Chart

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

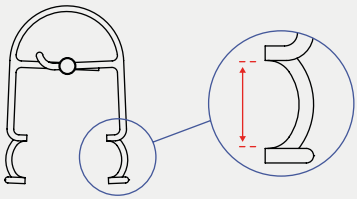
Best Seller

Locking Mechanism



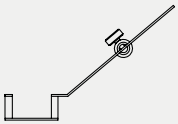
Thumb Screw

Size

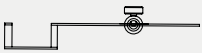


Shape & Position

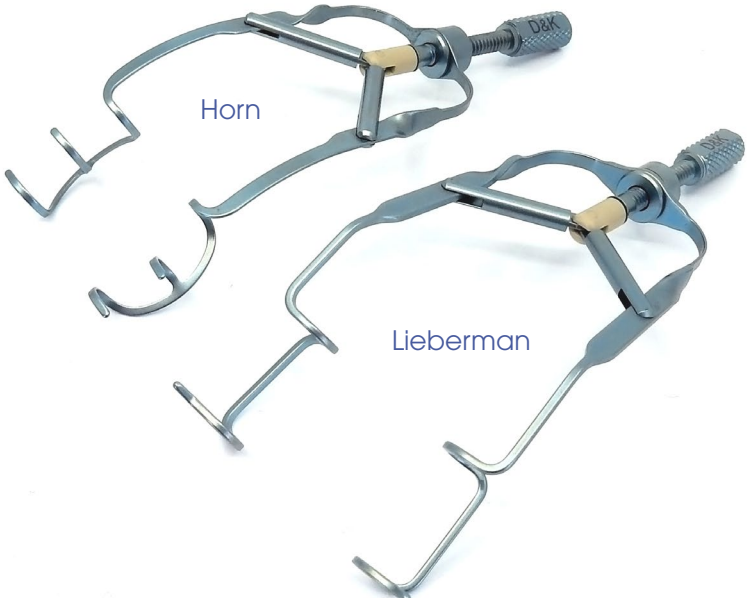
Angled / Nasal



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

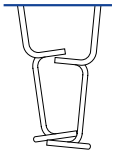
Blades	Size mm	Shape	Position	Additional Information	
Open	15.5	Curved	Temporal	RJ Mackool™ Femtosecond Laser Speculum	9-588-1
				Horn Adjustable Femtosecond Laser Speculum	9-588-2

LASIK

Blades	Size mm	Shape	Position	Additional Information	
Open	15	Angled	Temporal	Lieberman Adjustable Speculum*	9-588-3
	15.5	Angled	Temporal	Buratto Adjustable Speculum	9-588
	18	Angled	Temporal	Williams Adjustable LASIK Speculum	9-583
Solid	14.5	Angled	Temporal	Mackool Adjustable Speculum	9-595

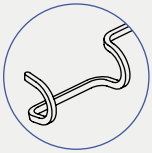
Best Sellers

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



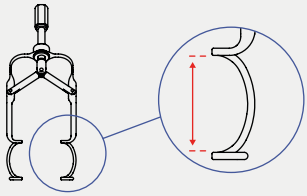
Blades

Open



Solid

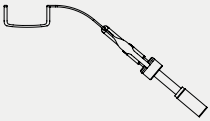
Size



Shape & Position

Angled / Temporal

Curved / Temporal



More Details...

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

Instrument Comparison Chart

Product Name - Speculum

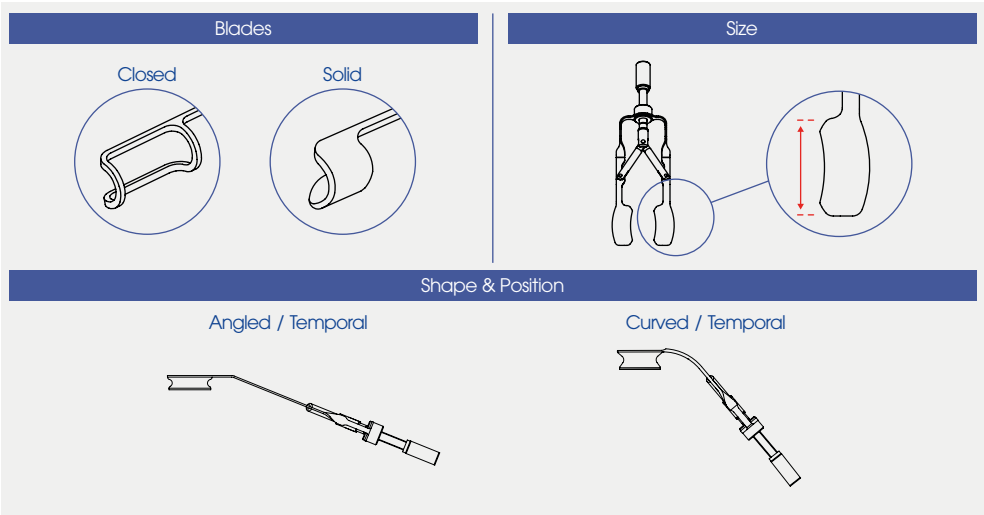
Glaucoma

Blades	Size mm	Shape	Position	Additional Information	
Solid	14	Angled	Temporal	Khaw Standard Glaucoma Surgery Speculum	9-576
	14.5	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

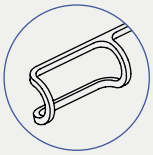
Product Name - Speculum

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

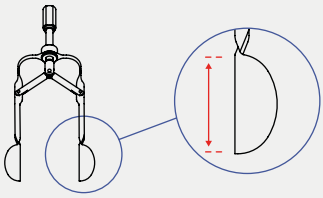
Blades

Closed



Solid

Size



Reversible

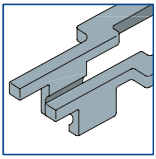
Angled Nasally & Temporally

Titanium Reusable Ophthalmic Instruments

Injectors & IOL Forceps

- IOL Forceps and Injectors
- CTR Injectors

IOL Forceps — 2-774-1E

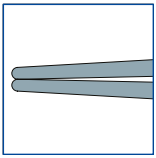


IOL Folding Forceps

- 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

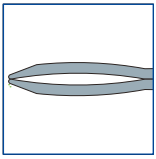


IOL Holding Forceps

- 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



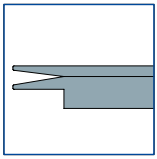
IOL Insertion Forceps

- 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 Forceps

DK7717E



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

Best Seller DK7797-2

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

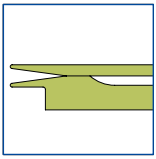
DK7797-3

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 Forceps

Best Seller DK7726



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

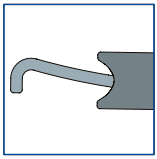
DK7791

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

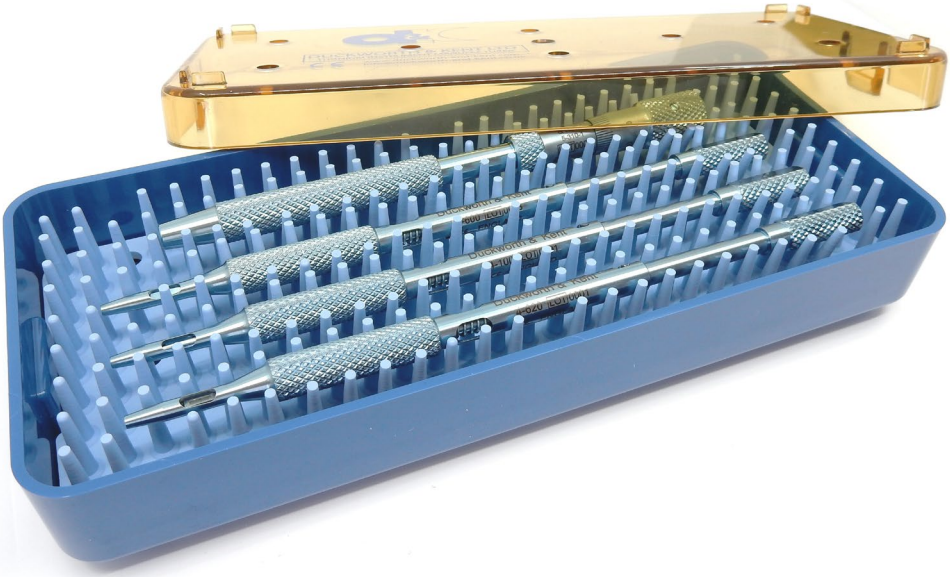
CTR Inserter

Best Seller 7-811



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**

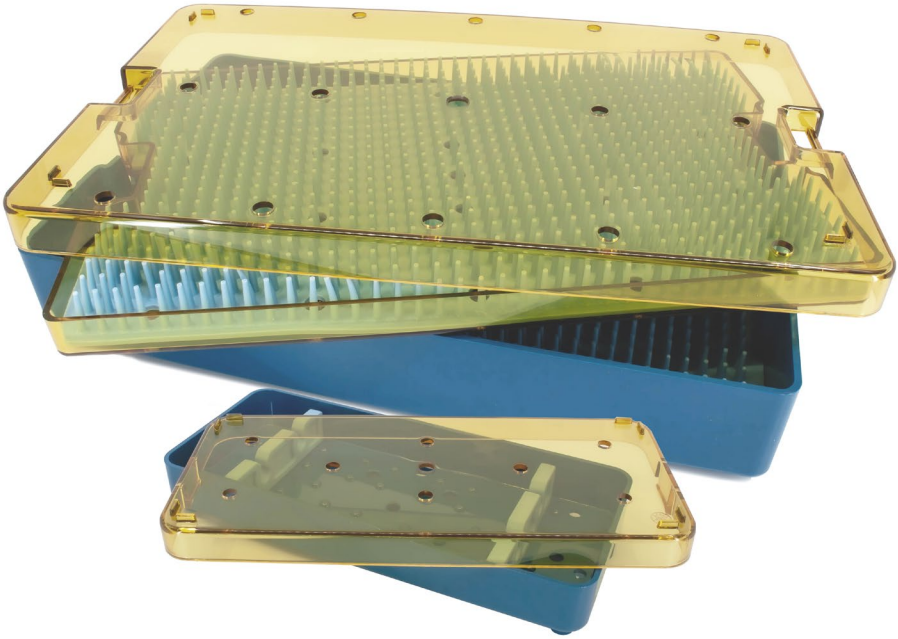


Titanium Reusable Ophthalmic Instruments

Sterilising Trays

- Sterilising Trays
- Sterilising Tray for Diamond Knives

Sterilising Trays



Capacity
Variable options ranging from 2-20 instruments.

Dimensions
External dimensions provided.

Silicone Mats
One silicone mat provided, except for 6120A 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

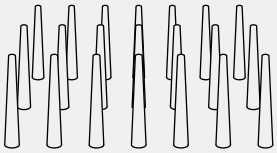
Product Name - Sterilising Tray

Capacity	Dimensions	Silicone Mats	Additional Information	
4	160/70/25mm	1	Sterilising Tray for 4 Instruments	2600A
6	173/110/25mm	1	Sterilising Tray for 6 Instruments	4600A
10	264/162/25mm	1	Sterilising Tray for 10 Instruments	6100A
20	264/162/45mm	2	Sterilising Tray for 20 Instruments	6120A
	395/266/25mm	1	Sterilising Tray for 20 Instruments	T7020
2	160/70/25mm	2 Bars	Sterilising Tray for 2 Diamond Knives	2502A

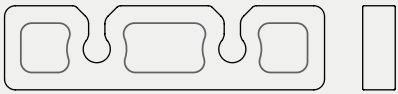
Best Sellers

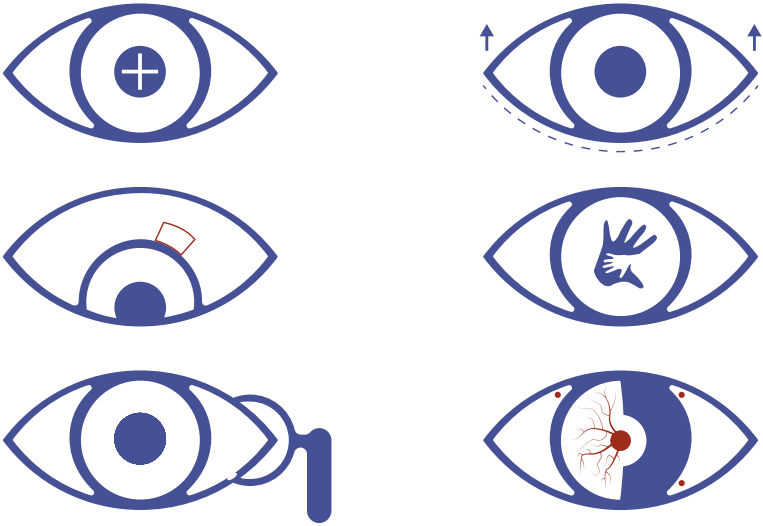
Silicone Mats / Bars

Mats



2 Bars





Titanium Reusable Ophthalmic Instruments

Instruments by Sub-Specialty

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

Essential Cataract Selection

Essential Cataract Selection

Product Name	Product Number	Page Number
Barraquer Adult Speculum	9-551	172
or		
Kratz-Barraquer Speculum	9-556	172
Pierse Notched Forceps	2-100E	34
or		
Bonn Toothed Forceps, 0.12mm	2-110E	32
Inamura Capsulorhexis Forceps	2-716GER8-1	42
or		
Utrata Capsulorhexis Forceps	2-719-3E	48
Barrett Nucleus Chopper and Manipulator	6-085-1	83
or		
Drysdale Rotator, Small	6-496	103
Irrigation Handpiece	8-652	135
Aspiration Handpiece	8-657	135
or		
I/A Handpiece with Luer Lock, Push Fit	8-711NL	139
Aspiration Tip, 45° Angled Tip	8-731-1	138

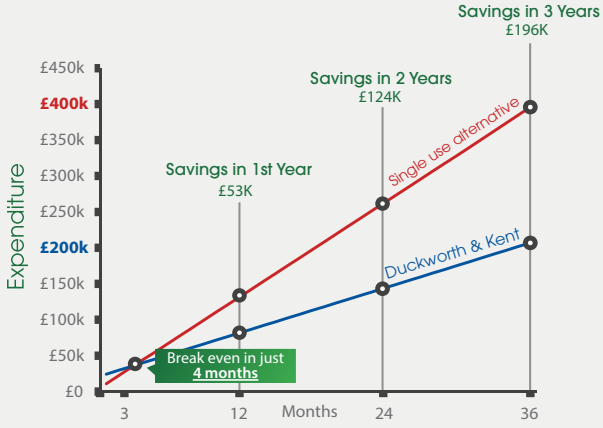
Best Sellers

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.



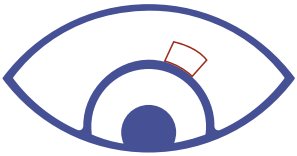
Sub-Tenon Selection

Product Name	Product Number	Page Number
Barraquer Adult Speculum	9-551	172
Moorfields Utility Forceps	2-510-1E	56
Westcott Style Tenotomy Scissors, Curved	1-510	24

Occasional Range

Product Name	Product Number	Page Number
Lieberman Adjustable Speculum	9-588-3	178
Shepard Reversible Speculum (Closed)	9-599-1	182
Needle Holder, Curved 7mm	3-205	66
Vannas Scissors	1-110	28
Osher IOL Cutter, Angled	1-705	26
Tying Forceps, Straight	2-500E	36
Kelman-McPherson Tying Forceps, Angled	2-522E	36
Mackool Cataract Support System	6-140	115
Denman-Brown Nucleus Cracker	2-803E	52
IOL/Nucleus Removal Forceps	2-796E	61
Sinskey Hook	6-250	96
Kuglen IOL Hook	6-400	97

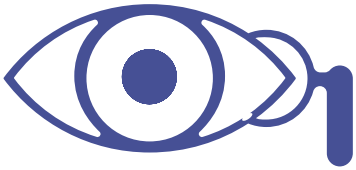
Glaucoma Instruments



Product Name	Product Number	Page Number
Khaw Suture Control Forceps	2-502E	56
Khaw Conjunctival Clamp, Small	2-686	120
Khaw Conjunctival Clamp, Large	2-687	120
Khaw Descemet's Membrane Punch, Small	7-101	119
Khaw Descemet's Membrane Punch, Medium	7-102	119
Descemet's Membrane Punch, Large	7-105	119
Khaw Standard Glaucoma Surgery Speculum	9-576	180
Khaw Glaucoma Surgery Speculum (Thin)	9-576-4	180
Khaw Glaucoma Surgery Speculum, Narrow	9-576-5	180

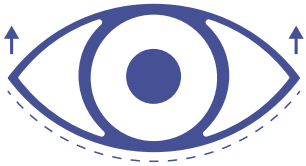
Best Sellers

Lacrimal Instruments



Product Name	Product Number	Page Number
Lacrimal Dilator	6-180	122
Lacrimal Dilator	6-180-1	122
Otaka Double Ended Lacrimal Dilator	6-182-2	122
Lacrimal Probe, size 0000-000	6-656	121
Lacrimal Probe, size 00-0	6-656-1	121
Lacrimal Probe, size 1-2	6-656-2	121
Lacrimal Probe, size 3-4	6-656-3	121
Lacrimal Probe, size 5-6	6-656-4	121
Lacrimal Probe, size 7-8	6-656-5	121

Oculoplastics Instruments



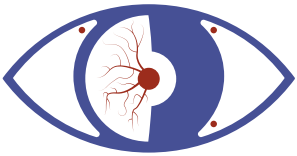
Product Name	Product Number	Page Number
Rabkin Tissue Forceps (0.5mm)	2-108E	32
Castroviejo Toothed Forceps (0.5mm)	2-117E	32
Single Piece Epilation Forceps	2-2195E	53
Desmarres Chalazion Clamp	2-640	127
Desmarres Lid Retractor, size 0	6-628	126
Rabkin Lid Retractor	6-629	126
Meyerhoefer Chalazion Curette, 1.0mm	6-641	123
Meyerhoefer Chalazion Curette, 1.5mm	6-641-1	123
Meyerhoefer Chalazion Curette, 2.0mm	6-641-2	123
Meyerhoefer Chalazion Curette, 2.5mm	6-641-3	123
Meyerhoefer Chalazion Curette, 3.0mm	6-641-4	123
Otaka Lid Plate	6-664	125
Rabkin Laser Blepharoplasty Plate	6-665	125
Rabkin Eye Shield	6-667	124
Egi-Rabkin Eye Shield, Large	6-667-2	124
Egi-Rabkin Eye Shield, Medium	6-667-3	124
Egi-Rabkin Eye Shield, Small	6-667-4	124
Egi-Miyata Eye Shield, Medium	6-667-6	124
Miyata Eye Shield	6-667-7	124

Best Sellers

Paediatric Instruments

Product Name	Product Number	Page Number
Jameson Muscle Hook	6-625	128
Assaf Resection Muscle Hook	6-626	128
Assaf Resection Muscle Hook	6-626-1	128
Barraquer Paediatric Speculum	9-572	170
Barraquer Paediatric Speculum, Angled	9-573	170
Neonatal Speculum	9-574	170
Neonatal Speculum, Strong Spring	9-574-1	170
Adjustable Paediatric Speculum, Closed Blade	9-577-3	170
Adjustable Paediatric Speculum, Solid Blade	9-577-4	170

Vitreoretinal Instruments

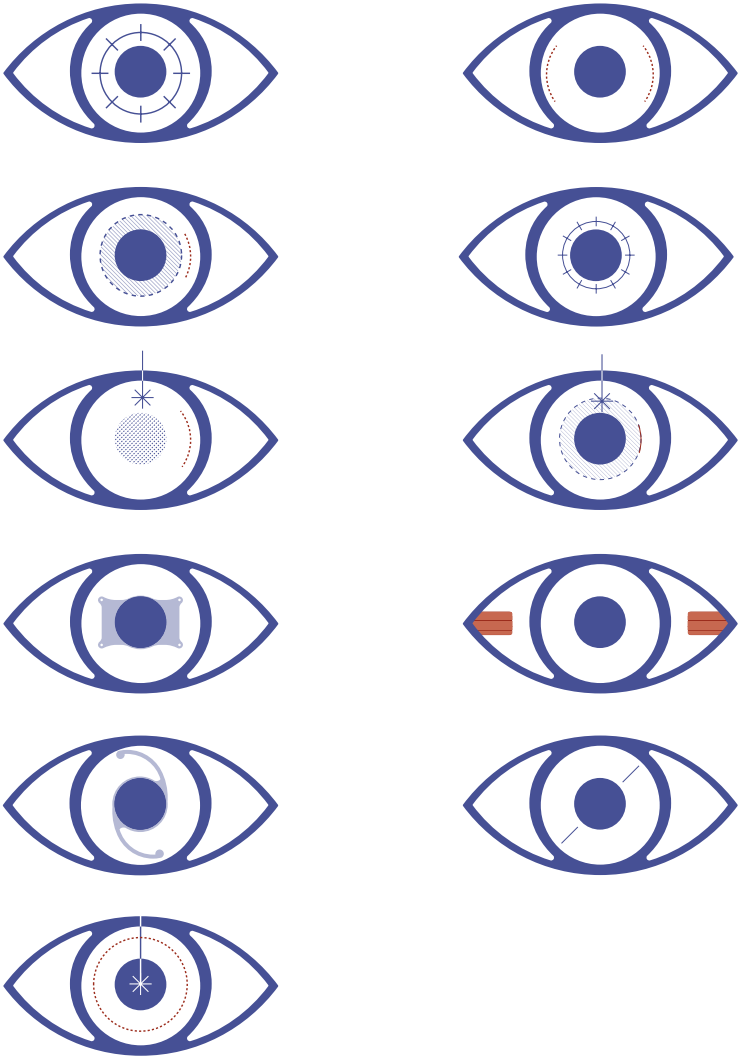


Product Name	Product Number	Page Number
Vitreoretinal Scissors, 23 Gauge	1-841	15
Squeeze Handle for VR Instrument Heads	6-676	16
Vitreoretinal Forceps Head, 23 Gauge	2-877N	17
Vitreoretinal Forceps Head, 23 Gauge	2-878-1N	17
Cannula Loading Forceps	2-832E	130
Vitreoretinal Forceps, 23 Gauge	2-877	15
Tsukahara Scleral Depressor	6-615	129
Tsukahara Scleral Depressor	6-615-1	129
Schocket Scleral Despressor	6-635-2	129
Koura Scleral Depressor	6-635-3	129
Protective Cleaning Cover	6-675	18
Small Flushing Adaptor for VR Instruments	6-675-1	18
Rassam Infusion Cannula	8-615-1	143
Doi-Uematsu Intravitreal Injection Guide	9-544	163
Doi-Uematsu Intravitreal Injection Guide	9-544-2	163
VSL Ring Holder Adjustable Speculum	9-578-8	180

Best Sellers

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

Introducing our new **enviromentally conscious packaging**.



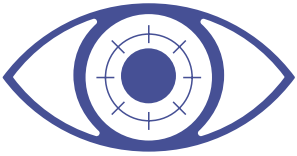
Titanium Reusable Ophthalmic Instruments

Instruments by Procedure

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

DALK Instruments

Deep Anterior Lamellar Keratoplasty

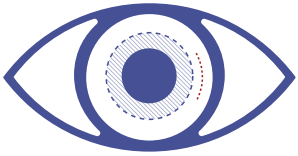


Product Name	Product Number	Page Number
Castroviejo Miniature Corneal Scissors, Curved	1-118	21
Anwar Corneal Scissors, Right	1-218	22
Anwar Corneal Scissors, Left	1-219	22
Anwar Keratoplasty Spatula	6-099-3	92
Spatula	6-099-4	91
Morlet Lamellar Knife and Dissector	6-607	117
Anwar Keratoplasty Hook	6-112	95
Thornton Radial Marker, 4 Blades	9-730	156
Thornton Radial Marker, 8 Blades	9-732	153
Thornton Radial Marker, 12 Blades	9-733	153
Ring Marker, Ø8.0mm	9-781	151
Ring Marker, Ø9.0mm	9-788	152
Ring Marker with Cross Wires, Ø11.0mm	9-789W-1	152

Best Sellers

DMEK Instruments

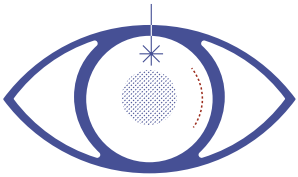
Decemet's Membrane Endothelial Keratoplasty



Product Name	Product Number	Page Number
DMEK Descemet's Stripping Forceps	2-285E	58
DMEK Descemet's Stripping Forceps, Angled	2-287E	58
DMEK Descemet's Stripping Forceps, Cross action	2-787-1E	58
Güell Descemet's Membrane Forceps	2-838	59
Double Ended Sinskey Hook	6-245	95
Reverse Sinskey Hook	6-250-1	105
Güell Reverse Sinskey Hook	6-250-2	105
Daya Descemet's Scraper	6-257	106
Ring Marker with Cross Wires, Ø11.0mm	9-789W-1	152
DMEK 'S' Marker	9-830	155

FLACS Instruments

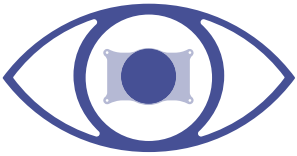
Femtosecond Laser-Assisted Cataract Surgery



Product Name	Product Number	Page Number
Scott Femto Nucleus Chopper	6-071	86
Krokchings Double Ended Femto Spatula	6-848	107
Femto Flap Lifter and Re-treatment Spatula	6-855	107
Femto Flap Lifter and Re-treatment Spatula	6-855-1	107
Femto Spatula	6-856	108
RJ Mackool™ Femtosecond Laser Speculum	9-588-1	178
Horn Adjustable Femtosecond Laser Speculum	9-588-2	178

ICL Instruments

Implantable Contact Lens



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IOL Instruments

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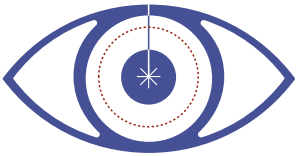
Laser In-Situ Keratomileusis



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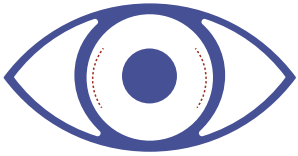

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Best Sellers

PK Instruments

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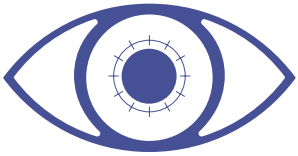

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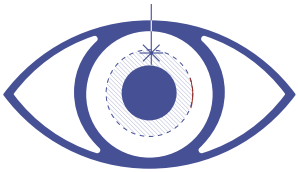

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Strabismus Instruments

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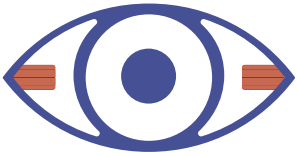

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Best Sellers

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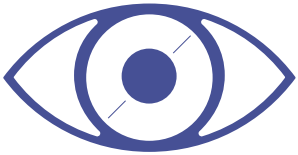

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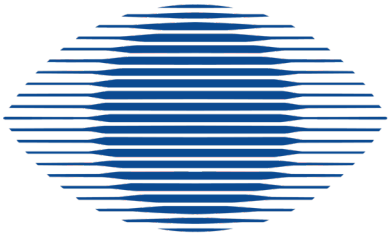

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