Capsulorhexis Forceps
“the finest capsulorhexis forceps”

Incision sizes down to
1mm / 1.5mm / 1.8mm / 2.2mm / 3mm

Consistent capsulorhexis size is crucial for optimal IOL function
View our Capsulorhexis Forceps comparison charts to help you decide which forceps suit your needs.
<table>
<thead>
<tr>
<th>Page 1</th>
<th>1mm</th>
<th>Squeeze action - Micro Incision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Page 4</td>
<td>1.5mm</td>
<td>Cross Action - Inamura</td>
</tr>
<tr>
<td>Pages 5, 7, 8, 9, 10</td>
<td>1.8mm</td>
<td>Cross Action - Inamura</td>
</tr>
<tr>
<td>Page 6</td>
<td>1.8mm</td>
<td>Cross action - NEW E-Range</td>
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<tr>
<td>Pages 11, 12</td>
<td>3mm</td>
<td>Direct Action - Utrata</td>
</tr>
</tbody>
</table>

Reversible Titanium
Surgical Instruments

POINTED TIPS
Fine precise titanium tips with a sharp point enables the surgeon to initiate the capsule tear then securely grasp the capsule to perform the capsulorhexis.

TITANIUM TUBE
Ø0.7mm polished curved 23 gauge tube and front section made from single piece of titanium. No fabrication and joints to fail over time.

TITANIUM HANDLE
Sleek, symmetrical lightweight handle for exceptional balance and control. Squeeze action mechanism works tips.

2-847-4
DK Squeeze handle Capsulorhexis Forceps

• Fine pointed tips with platforms
• 0.9mm tip opening
• Curved 23 gauge tube
• Squeeze action activates both jaws
• Round squeeze handle, length 120mm

For more information please contact us via our online enquiry form.

Or visit our website:
www.duckworth-and-kent.com
Cross Action - Inamura

The Inamura Capsulorhexis Forceps incorporate a visible scale marked at the functional end of the tips that denotes the desired diameter and radius of the capsulorhexis. It has been found that measuring on the cornea surface overestimates the actual size of the capsulorhexis when measured within the anterior chamber by up to 20%. Keeping the pivot in the incision reduces the leakage from the anterior chamber. It also enables the tips to operate fully at the smaller incision sizes without stretching the incision and causing corneal deformation.

**POINTED SERRATED TIPS**
Precise interlocking serrated tips with a sharp point enables the surgeon to initiate the capsule tear then securely grasp the capsule to perform the capsulorhexis.

**TIP LENGTH**
Options include 8.5mm (Corneal) or 9.5mm / 10.5mm (Scleral)

**MARKED SCALE**
Marks on the shaft at 2.5mm and 5mm from tip.

**SMOOTH ACTION**
Titanium instrumentation with three pivot point precision provides the highest quality with a smooth controlled action.

**MICRO INCISION SIZE**
Designed to fit comfortably through any incision down to 1.5mm.

**HANDLE TYPES**
Round and flat handles available.

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**Inamura Capsulorhexis Forceps**

<table>
<thead>
<tr>
<th>Product Number</th>
<th>2-716GN</th>
<th>2-716GN2</th>
<th>2-716GN3</th>
<th>2-716GN4</th>
<th>2-716GNR8</th>
<th>2-716GNR81</th>
<th>2-716GNR82</th>
<th>2-716GNR83</th>
<th>2-716GNR84</th>
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<td>Flat Handle</td>
<td>Flat Handle</td>
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<td>All Handle Lengths = 111mm</td>
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<tr>
<td>Marks on Shaft</td>
<td>2.5mm &amp; 5mm</td>
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<tr>
<td>Tip to Pivot Length</td>
<td>8.5mm</td>
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<tr>
<td>Tip to Pivot Length</td>
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<tr>
<td>Curved or Straight Shaft</td>
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</table>

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**COMPARISON CHART**

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**MARKED SCALE**
 marks on the shaft at 2.5mm and 5mm from tip.
Cross Action - Inamura

The Inamura Capsulorhexis Forceps incorporate a visible scale marked at the functional end of the tips that denotes the desired diameter and radius of the capsulorhexis. It has been found that measuring on the cornea surface overestimates the actual size of the capsulorhexis when measured within the anterior chamber by up to 20%. Keeping the pivot in the incision reduces the leakage from the anterior chamber. It also enables the tips to operate fully at the smaller incision sizes without stretching the incision and causing corneal deformation.

**POINTED SERRATED TIPS**

Precise interlocking serrated tips with a sharp point enables the surgeon to initiate the capsule tear then securely grasp the capsule to perform the capsulorhexis.

**TIP LENGTH**

Options include 8.5mm (Corneal) or 9.5mm (Scleral)

**SMOOTH ACTION**

Titanium instrumentation with three pivot point precision provides the highest quality with a smooth controlled action.

**SMALL INCISION SIZE**

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

**HANDLE TYPES**

Round and flat handles available.

Inamura Capsulorhexis Forceps

<table>
<thead>
<tr>
<th>Product Number</th>
<th>2-716GW</th>
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<td>Marks on Shaft</td>
<td>2.5mm &amp; 5mm</td>
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<td></td>
<td></td>
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<tr>
<td>Tip to Pivot Length</td>
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<tr>
<td>All Tips - Angled 45°</td>
<td>- Sharp</td>
<td>- Serrated</td>
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</table>

**MARKED SCALE**

Marks on the shaft at 2.5mm and 5mm from tip.

**COMPARISON CHART**

Surgical Instruments
**Cross Action - NEW E-Range**

This range represents the application of cutting edge technology fused with over 50 years of engineering knowledge. These instruments offer surgeons an elegant, well balanced and ergonomically designed handle while still providing our high quality, consistent and durable functionality.

**POINTED SERRATED TIPS**
Precise interlocking serrated tips with a sharp point enables the surgeon to initiate the capsule tear then securely grasp the capsule to perform the capsulorhexis.

**SMOOTH ACTION**
Titanium instrumentation with three pivot point precision provides the highest quality with a smooth controlled action.

**SMALL INCISION SIZE**
Designed to fit comfortably through any incision down to 1.8mm.

**HANDLE TYPES**
Round, flat, long, short handles available.

### E-Range Inamura Capsulorhexis Forceps

<table>
<thead>
<tr>
<th>Product Number</th>
<th>2-716GE-1</th>
<th>2-716GE-1S</th>
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<td>Long Handle</td>
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</tr>
<tr>
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</tr>
<tr>
<td>All Tips - Angled 45°</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>- Sharp</td>
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</tr>
<tr>
<td>- Serrated</td>
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</table>

Design registration number 004383396-0001
Cross Action - Mackool-Inamura

When entering through a corneal incision the increased curvature of forceps shafts prevent corneal deformation during use. The forceps are available with either sharp pointed tips or smooth blunt tips, both have serrated interlocking platforms.

**POINTED SERRATED TIPS**
Precise interlocking serrated tips with a sharp point enables the surgeon to initiate the capsule tear then securely grasp the capsule to perform the capsulorhexis.

**SMOOTH ACTION**
Titanium instrumentation with three pivot point precision provides the highest quality with a smooth controlled action.

**SMALL INCISION SIZE**
Designed to fit comfortably through any incision down to 1.8mm.

**HANDLE TYPES**
Round and flat handles available.

---

**COMPARISON CHART**

<table>
<thead>
<tr>
<th>Mackool-Inamura Capsulorhexis Forceps</th>
<th>1.8mm Incision</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Number</strong></td>
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<td><strong>Handle Type</strong></td>
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<td><strong>Handle Length</strong></td>
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<tr>
<td>Long Handle 120mm</td>
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<tr>
<td><strong>Marks on Shaft</strong></td>
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</tr>
<tr>
<td><strong>Width at Pivot Box 1.5mm</strong></td>
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<tr>
<td><strong>Tip to Pivot Length 11mm</strong></td>
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<tr>
<td><strong>Increased Curved Shaft</strong></td>
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</tr>
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</table>

| Blunt | Pointed | Blunt | Pointed |

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Surgical Instruments
Dr O Malauzat from Bordeaux France has carried out an independent review of the Duckworth and Kent Inamura Capsulorhexis Forceps reference 2-2-716G-9R. Dr Malauzat evaluated the forceps through four different clear corneal incision sizes: 2.2mm, 1.8mm, 1.7mm and a tapered 1.5 to 1.7mm incision.

### Cross Action - Calladine-Inamura

Dr O Malauzat from Bordeaux France has carried out an independent review of the Duckworth and Kent Inamura Capsulorhexis Forceps reference 2-2-716G-9R. Dr Malauzat evaluated the forceps through four different clear corneal incision sizes: 2.2mm, 1.8mm, 1.7mm and a tapered 1.5 to 1.7mm incision.

### Calladine-Inamura Capsulorhexis Forceps

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<th>Product Number</th>
<th>2-2-716G-9</th>
<th>2-2-716G-9S</th>
<th>2-2-716G-9R</th>
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<tr>
<td><strong>Handle Length</strong></td>
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<tr>
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<tr>
<td>Short Handle 91mm</td>
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<td>10mm</td>
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<tr>
<td><strong>Marks on Shaft</strong></td>
<td>2.5mm &amp; 5mm</td>
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<tr>
<td><strong>Tip to Pivot Length</strong></td>
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<td>10mm</td>
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<tr>
<td><strong>Curved Shaft</strong></td>
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</tr>
<tr>
<td><strong>All Tips - Angled 45°</strong></td>
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<tr>
<td>Serrated</td>
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**Corneal Incision - 1.8mm Incision**

- Handle Type: Flat Handle
- Handle Length: Long Handle 119mm
- Width at Pivot Box: 1.5mm
- Marks on Shaft: 2.5mm & 5mm
- Tip to Pivot Length: 10mm
- Curved Shaft
- All Tips - Angled 45°: Sharp, Serrated
Surgical Instruments

Utilising the smooth action of the Inamura cross action capsulorhexis forceps, the new Calladine-Inamura Capsulorhexis Forceps incorporate a visible scale marked at the functional end of the tips that denotes the desired diameter and radius of the capsulorhexis. The surgeon can repeatedly measure the size of the capsulorhexis using the forceps within the anterior chamber. It has been found that measuring on the cornea surface overestimates the actual size of the capsulorhexis when measured within the anterior chamber by up to 20%. The cross action design means that the forceps are 1.5mm wide at the pivot point which enables a greater degree of movement within the incision.

**POINTED SERRATED TIPS**
Precise interlocking serrated tips with a sharp point enables the surgeon to initiate the capsule tear then securely grasp the capsule to perform the capsulorhexis.

**SMOOTH ACTION**
Titanium instrumentation with three pivot point precision provides the highest quality with a smooth controlled action.

**TIP LENGTH**
Options include 10mm (Corneal) or 11mm (Scleral)

**SMALL INCISION SIZE**
Designed to fit comfortably through any incision down to **1.8mm**.

**HANDLE TYPES**
Round, flat, long, short handles available.

**MARKED SCALE**
Marks on the shaft at 2.5mm and 5mm from tip.
Cross Action - Jones-Inamura

Accurate capsulorhexis size is crucial for optimal IOL function. Dr Jones has utilised the Inamura cross action capsulorhexis forceps by adding a marked scale from the tip to 6mm along the shaft. The scale is in 1mm increments and enables the surgeon to repeatedly measure the size of the capsulorhexis using the forceps within the anterior chamber.

POINTED SERRATED TIPS
Precise interlocking serrated tips with a sharp point enables the surgeon to initiate the capsule tear then securely grasp the capsule to perform the capsulorhexis.

SMALL INCISION SIZE
Designed to fit comfortably through any incision down to 1.8mm.

SMOOTH ACTION
Titanium instrumentation with three pivot point precision provides the highest quality with a smooth controlled action.

HANDLE TYPES
Round and flat handles available.

Jones-Inamura Capsulorhexis Forceps

<table>
<thead>
<tr>
<th>Product Number</th>
<th>2-2-716G-10</th>
<th>2-2-716G-10R</th>
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<tbody>
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<td>Handle Length 120mm</td>
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<td>Width at Pivot Box 1.5mm</td>
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<td>Marks on Shaft 1mm - 6mm</td>
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<tr>
<td>Tip to Pivot Length 11mm</td>
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<td>Curved Shaft</td>
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</tr>
<tr>
<td>All Tips - Angled 45° - Sharp - Serrated</td>
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<td></td>
</tr>
</tbody>
</table>

MARKED SCALE
Marks at 1mm intervals from tip, up to 6mm.

COMPARISON CHART
Utrata Capsulorhexis Forceps

• Utrata style tips
• Straight shafts, tip to angle length 13mm
• Marks on shaft 2.5mm and 5mm denote desired size of capsulorhexis
• Flat handle, length 88mm

2-719-3

Direct Action - Utrata

Fine precise titanium tips with a sharp point enables the surgeon to initiate the capsule tear then securely grasp the capsule to perform the capsulorhexis.

IRIS STOP PLATFORMS
To stop the shafts of the forceps completely closing when tips are closed.

DIRECT ACTION
Incision size restricts opening of tips. Recommend incision size of 3mm or greater for adequate opening of tips.

Utrata Capsulorhexis Forceps - Curved Shafts

• Utrata style tips
• Iris stop platforms 8.5mm from tips
• Curved shafts, tip to curve length 13mm

2-718 & 2-718N

Utrata Capsulorhexis Forceps - Straight Shafts

• Utrata style tips
• Iris stop platforms 8.5mm from tips
• Straight shafts, tip to angle length 13mm

2-719, 2-719N & 2-719-1
Direct Action - Utrata

3mm Incision

2-712NR8  DK Utrata Capsulorhexis Forceps

- Utrata style tips
- Iris stop platforms 8.5mm from tips
- Curved shafts, tip to curve length 13mm
- 8mm diameter round handle, length 115mm

2-714NR, 2-714NR8 & 2-714-1NR8  DK Utrata Capsulorhexis Forceps

- Utrata style tips
- 1mm increment markings along shafts
- Iris stop platforms 8.5mm from tips
- Curved shafts, tip to curve length 13mm
- 8mm diameter round handle, length 115mm

If you are interested in any of our product range or have a general enquiry please contact anyone of our dedicated customer service team members who are ready to help.

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Customer Services

Kelly

Customer Services

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Direct Action - Utrata

3mm Incision

2-712NR8  DK Utrata Capsulorhexis Forceps

- Utrata style tips
- Iris stop platforms 8.5mm from tips
- Curved shafts, tip to curve length 13mm
- 8mm diameter round handle, length 115mm

2-712-1NR8  DK Utrata Capsulorhexis Forceps

- Utrata style tips
- Iris stop platforms 8.5mm from tips
- Curved shafts, tip to curve length 13mm
- 8mm diameter round handle, length 115mm

The 1mm markings along the shafts provide a gauge to estimate the size of the capsulorhexis.