

# **JOHN WEISS**Ophthalmic micro-surgical instruments



John Weiss has been an established brand for over 230 years. Its origins extend back to the 18th Century when its founder, John Weiss, left Austria for London, forming the company, John Weiss & Son, in 1787. His skills as a Master Cutler and Instrument Maker were soon widely acclaimed, and he received much recognition for his innovation and craftsmanship, including the award of a Royal Warrant as 'Razor Maker' to King William IV.

Throughout its rich history, the John Weiss brand has adapted and evolved to meet the ever-changing needs and demands of the modern Surgeon. The extensive product range encompasses all sub-specialties of ophthalmic surgery; cataract, corneal, oculoplastic, glaucoma and vitreoretinal. Available in titanium and stainless-steel, the John Weiss instrument range includes; Forceps, Needle Holders, Scissors, Choppers & Manipulators, Specula, Extraocular and Specialist.

Haag-Streit UK is proud to be the Sole UK Distributor of the range - John Weiss is the leading brand of micro-surgical instruments domestically, and is currently exported to over 40 countries worldwide.

https://hs-uk.co/JohnWeiss

#### Haag-Streit UK

Unit C

Woodside Industrial Estate, Dunmow Road Bishop's Stortford Hertfordshire CM23 5RG

Tel: +44 (0) 1279 414969 Email info.unitedkingdom@haag-streit.com



# **Forceps**

Moorfields, non toothed / tying, notched, toothed, Capsulorhexis, Colibri, Cilia, Muscle/Strabismus, Lens, Artery, towel clamps, specialist

# **Needle Holders**

Curved and straight, with or without catch

## **Scissors**

Spring, bow / ribbon. De Wecker, Vannas, Westcott, Williamson-Noble, Corneal, Capsulotomy, Strabismus, Stevens tenotomy, specialist, utility

# **Choppers & Manipulators**

Choppers & Splitters, Manipulators, Spatula / Repositors, Double ended combinations, Hooks, Vectis

# **Specula**

Adjustable or Non-adjustable Infant and Adult

# Extraocular

Lid Chalazion and Cyst, Ptosis, Entropian / Ectropian, Strabismus. Lacrimal probes & dilators, DCR punches & intubation sets. Retractors & Hooks. Chisels & Osteotomes.

Orbital instruments & implants Enucleation / Evisceration

# **Specialist**

General, Vitreoretinal, Corneal and Refractive, Cataract Glaucoma, Diamond Knives, Corneal knives, Trays. **Veterinary**: Ophthalmic, Exotic & small animal

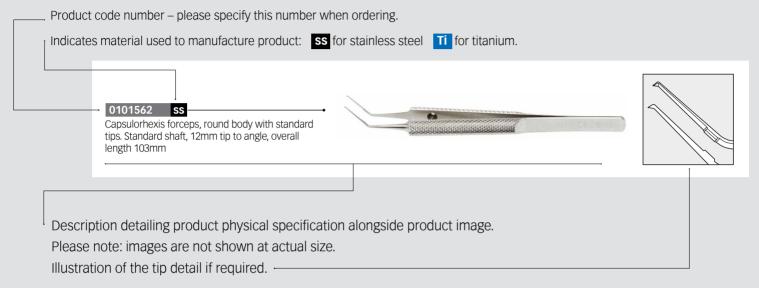
# Single use

Cannulae, Drapes, Sponges, wipes & wicks, Eye shields and patches, cautery

#### A brief guide on how to use this catalogue

The pages within this catalogue have been designed to help you learn more about our products and their specifications.

#### **Example of product detail**



**NOTE:** a product analysis is also included on the following page of some section dividers to help you to understand product parts in more detail.

#### **Product care**

For the most up-to-date information on how to look after your instruments, please refer to our website, **www.haagstreituk.com** 

#### Repairs

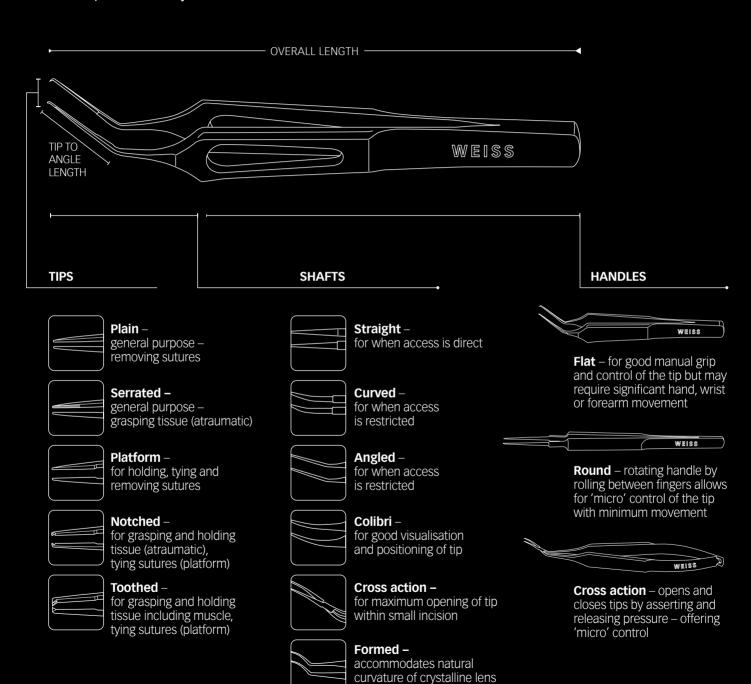
Utilising the skills of the instrument maker, Haag-Streit UK provides a repair service for damaged or blunt micro-surgical instruments. For more information, please contact us on **+44 (0) 1279 414969** 

# Forceps

Moorfields, non toothed/tying, notched, toothed, Capsulorhexis, Colibri, Cilia, Muscle/Strabismus, Lens, Artery, towel clamps, specialist



# Forceps anatomy





0101544

Moorfields Skov forceps angled with standard tips. 14mm platform, 15mm tips to angle, overall length 110mm

# Forceps - non toothed, tying

Plain



Weiss slimline forceps, straight with plain tips, overall length 85mm



#### 0109024 Ti

Weiss forceps, straight with plain tips, overall length 85mm



#### 0101166 SS

Hoskins forceps No.17, straight with plain 0.5mm tips, overall length 93mm



#### 0101179 SS

Hoskins forceps No.32, straight with plain 0.3mm tips, overall length 88mm



#### 0101181 S

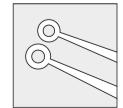
Hoskins No 34 Colibri forceps with fine pointed plain tips, no platform, overall length 86mm

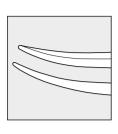


#### 0109428

Ring tipped forceps, atraumatic. Straight with 1.2mm ring and 0.6mm hole, overall length 108mm









0101008

SS

Max Fine forceps, curved with plain tips, overall length 110mm

0109422 Ti

Max Fine forceps, curved with plain tips, overall length 110mm

# Forceps - non toothed, tying

#### Serrated

# 0101315 SS

Iris forceps, straight with 12mm serrated tips, overall length 99mm

#### 0101323 SS

Graefe forceps straight with 12mm serrated tips, overall length 100mm

#### 0204132 SS

Adson forceps, straight with 10mm serrated tips, overall length 122mm

#### 0101313 SS

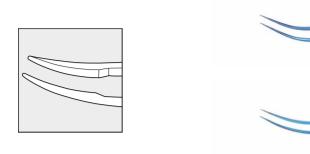
Iris forceps, 25° curved with 10mm serrated tips, overall length 99mm

#### 0101314 SS

Iris forceps, 60° curved with 10mm serrated tips, overall length 99mm



0101314



#### 4mm Platform

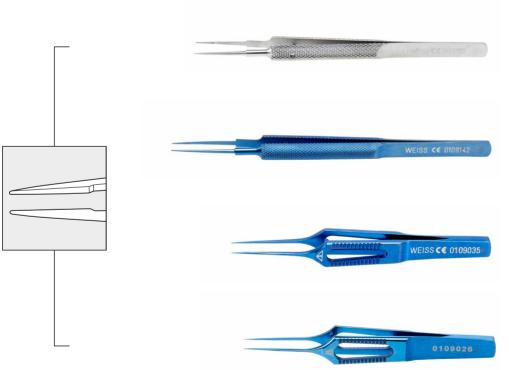
WEISS **C€ 0109075** 

0109075

Weiss slimline forceps, curved with 4mm platform, overall length 83mm

0109073

Weiss slimline forceps, delicate tips, curved with 4mm platform, overall length 83mm



#### 5mm Platform

0101103

Birks forceps, straight with 5mm platform, overall length 105mm

0109142

Birks forceps, straight with 5mm platform, overall length 109mm

0109035

Weiss slimline forceps, straight with 5mm platform, overall length 85mm

0109026

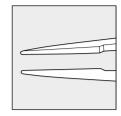
Weiss forceps, straight with 5mm platform, overall length 85mm

#### 5mm Platform continued

#### 0101018 SS

Harms forceps, straight with 5mm platform, 0.5mm tips, overall length 101mm





#### 0101020 SS

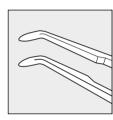
Harms-Jaffe forceps, straight with 5mm platform, 0.3mm tips, overall length 101mm



#### 0109064 Ti

Weiss Colibri forceps with 5mm platform, overall length 86mm





#### 0101365 SS

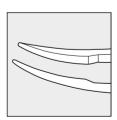
Colibri forceps with 5mm platform, overall length 78mm





Birks forceps, curved with 5mm platform, overall length 105mm

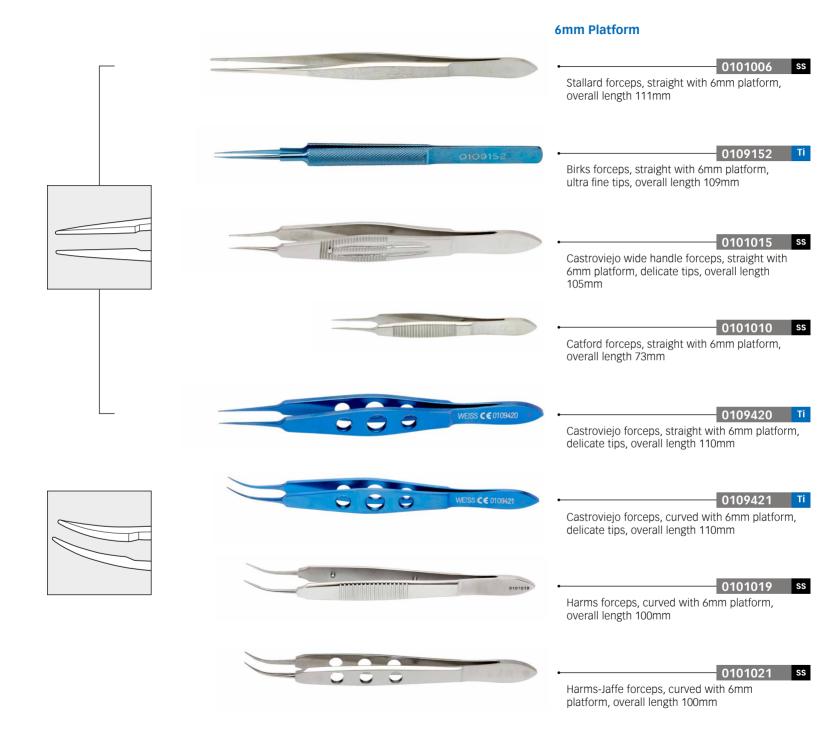




#### 0109143 Ti

Birks forceps, curved with 5mm platform, overall length 109mm





#### 7mm Platform continued

#### 0101017 SS

McPherson forceps, straight with 7mm platform, overall length 89mm

#### 0101009 SS

Rycroft forceps, straight with 7mm platform, overall length 103mm

#### 0101011 SS

McPherson forceps, angled with 7mm platform, 7.5mm tip to angle, overall length 91mm

#### 0109097 Ti

McPherson forceps, angled with 7mm platform, 7.0mm tip to angle, overall length 85mm

#### 0109149 Ti

Birks forceps, angled with 7mm platform, 7.5mm tip to angle, overall length 106mm

#### 0109096 Ti

McPherson forceps, angled with 7mm platform, 10mm tip to angle, overall length 80mm

#### 0109098 Ti

McPherson forceps, angled with 7mm platform, 12mm tip to angle, overall length 81mm

#### 0109091 Ti

McPherson forceps, angled on flat with 7mm platform, 12mm tip to angle, overall length 85mm

#### 0109435

Kelman-McPherson forceps, angled with 7.5mm platform, 9mm tip to angle, overall length 108mm









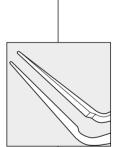


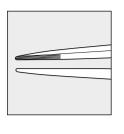




 NOTE: this forcep opens top to bottom





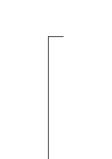




#### **8mm Platform**

0101003

Alabama forceps, straight with 8mm platform and longitudinal serrations, overall length 101mm





#### 10mm Platform

0101013

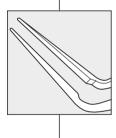
Kelman-McPherson forceps, angled with 10mm platform, 10.5mm tip to angle, overall length 88mm

0109433

Kelman-McPherson forceps, angled with 10mm platform, 10.5mm tip to angle, overall length 103mm

0109148

Birks forceps, angled with 10mm platform, 10.5mm tip to angle, overall length 106mm





WEISS **C€** 0109434

0101014

Kelman-McPherson forceps, angled with 12mm platform, 12.5mm tip to angle, overall length 88mm

0109434 Ti

Kelman-McPherson forceps, angled with 12mm platform, 12.5mm tip to angle, overall length 103mm

# Forceps - notched

# 0109028

Weiss slimline forceps, straight with a 0.25mm notch, 4mm platform, overall length 85mm

# WEISS €€ 0109023

#### 0109023 Ti

Weiss forceps, straight with a 0.25mm notch, 3mm platform, overall length 85mm



#### 0109427 Ti

Castroviejo forceps, straight with a 0.25mm notch, 6mm platform, overall length 110mm



#### 0109072 Ti

Weiss forceps, curved with a 0.25mm notch, 4mm platform, overall length 83mm



#### 0109150

Birks forceps, angled with a 0.25mm notch, 7mm platform, 8mm tip to angle, overall length 106mm



#### 0101012

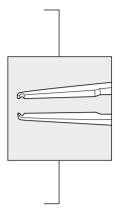
McPherson forceps, angled with a 0.3mm notch, 7mm platform, 7.5mm tip to angle, overall length 91mm

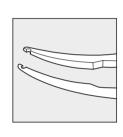


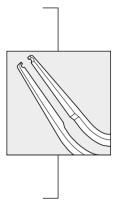
#### 0109431 Ti

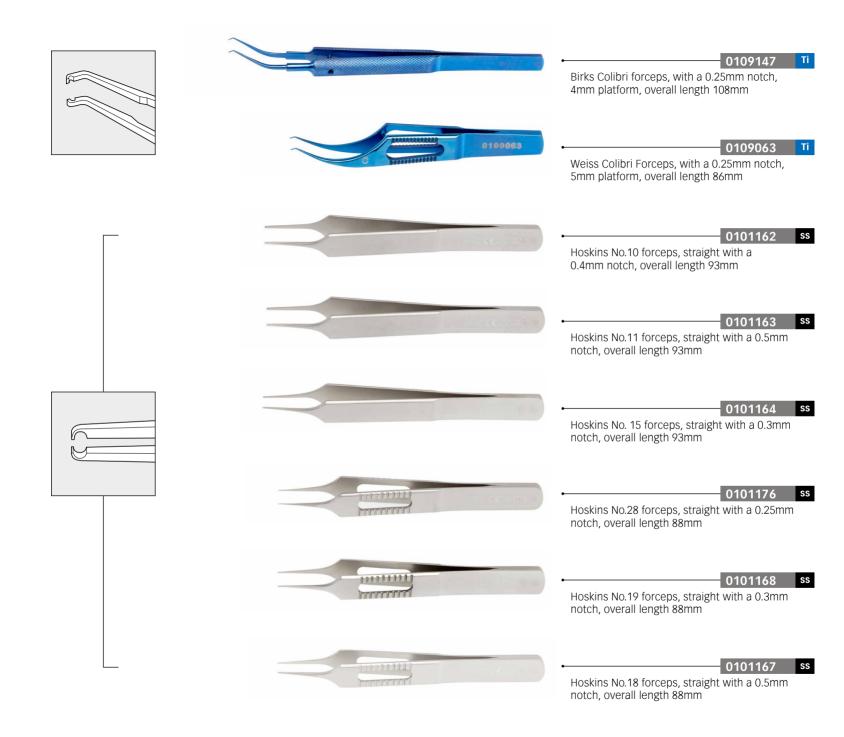
McPherson forceps, angled with a 0.3mm notch, 7mm platform, 7mm tip to angle, overall length 108mm











# Forceps - toothed

#### 0.1mm teeth

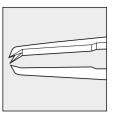
#### 0109036 T

Weiss slimline forceps, straight with 0.1mm forward facing teeth, 5mm platform, overall length 85mm

#### 0109065 Ti

Weiss Colibri forceps, with 0.1mm forward facing teeth, 5mm platform, overall length 85mm







#### 0.12mm teeth

#### 0101107 SS

Birks forceps, straight with 0.12mm teeth, 5mm platform, overall length 105mm

#### 0109144 Ti

Birks forceps, straight with 0.12mm teeth, 5mm platform, overall length 109mm

#### 0101075 SS

Bonn forceps, straight with 0.12mm teeth, 6mm platform, overall length 115mm

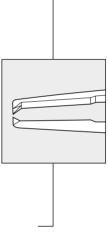
#### 0109013 Ti

Bonn forceps, straight with 0.12mm teeth, 6mm platform, overall length 111mm

#### 0109012 Ti

Jayle forceps, straight with 0.12mm teeth, 6mm platform, overall length 118mm





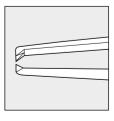
#### 0109014 Ti

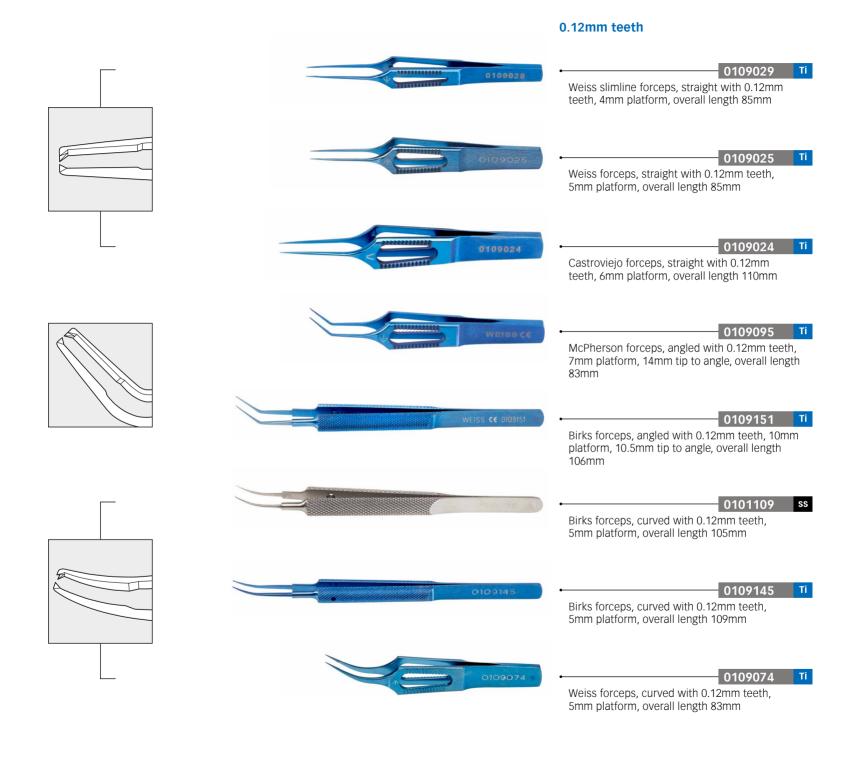
Bonn forceps, straight with 0.12mm teeth, overall length 72mm

#### 0101332 S

Bonn forceps straight with 0.12mm teeth, overall length 72mm







#### 0.12mm teeth continued

#### 0101111 SS

Birks Colibri forceps with 0.12mm teeth, 5mm platform, overall length 105mm

#### 0109146 Ti

Birks Colibri forceps with 0.12mm teeth, 4mm platform, overall length 107mm

#### 0101079 SS

Castroviejo Colibri forceps with 0.12mm teeth, 5mm platform, overall length 105mm

#### 0109423 Ti

Castroviejo Colibri wide handle forceps with 0.12mm teeth, 5mm platform, overall length 110mm

#### 0101364 SS

Colibri forceps with 0.12mm teeth, 6mm platform, overall length 74mm

#### 0109062 Ti

Weiss Colibri forceps with 0.12mm teeth, 5mm platform, overall length 86mm

#### 0101074 SS

Castroviejo forceps, straight with 0.12mm forward facing teeth, 8mm platform, overall length 113mm

#### 0101078 SS

Castroviejo wide handle forceps, straight with 0.12mm forward facing teeth, 6mm platform, overall length 105mm

#### 0109070 Ti

Polack Colibri forceps, 2 pronged for corneal suturing with 0.12mm teeth, 4.5mm platform, overall length 75mm









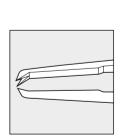


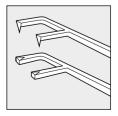


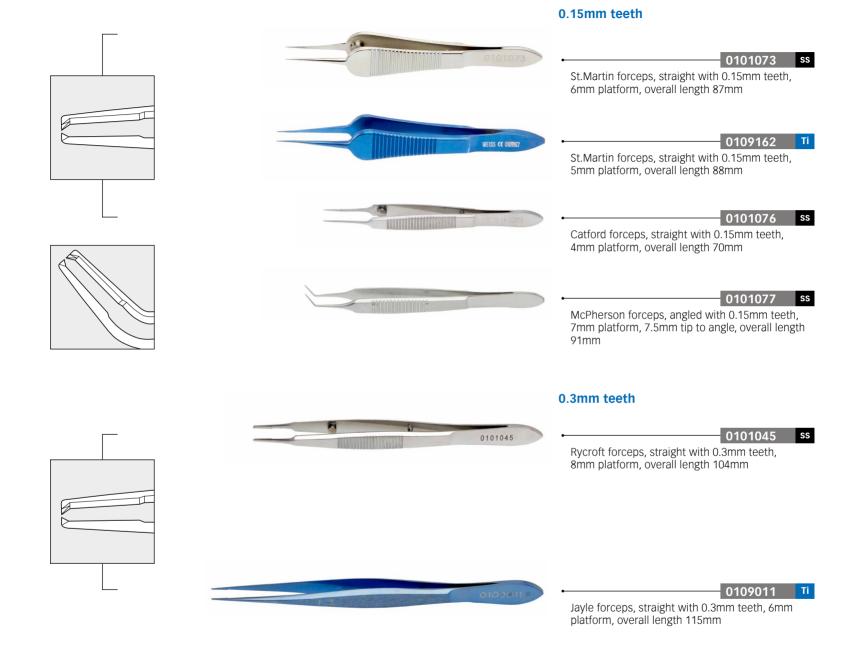












#### 0.3mm teeth continued

#### 0101043 ss

St.Martin forceps, straight with 0.3mm teeth, 6mm platform, overall length 87mm

#### 0109172 Ti

St.Martin forceps, straight with 0.3mm teeth, 5mm platform, overall length 88mm

#### 0101049 ss

Castroviejo forceps, straight with 0.3mm teeth, 6mm platform, overall length 99mm

#### 0109425 Ti

Castroviejo forceps, straight with 0.3mm teeth, 6mm platform, overall length 110mm

#### 0101050 SS

Castroviejo forceps, straight with 0.5mm teeth, 6mm platform, overall length 99mm



#### 0109180

Birks forceps, curved with 0.3mm teeth, 5mm platform, overall length 109mm

#### 0101362 SS

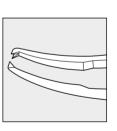
Colibri forceps with 0.3mm teeth, overall length 74mm

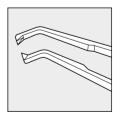
#### 0101363 S

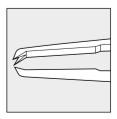
Colibri forceps with 0.3mm teeth, 5mm platform, overall length 74mm

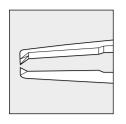










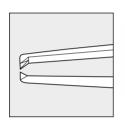




#### 0.5mm teeth

0109426 Ti

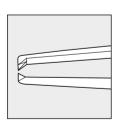
Castroviejo forceps, straight with 0.5mm teeth, 6mm platform, overall length 110mm





0204134

Adson forceps, straight with 0.5mm teeth, overall length 122mm





#### 0.75mm teeth

0101318

Graefe forceps, straight with 0.75mm teeth, overall length 73mm

#### 0101285 SS

Francis fixation forceps, straight with 1mm teeth (2 into 3), overall length 120mm



#### 0101298 SS

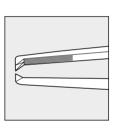
Graefe locking fixation forceps, straight with 4mm wide tip, 6 x 0.7mm teeth, overall length 110mm



## 0101005 SS

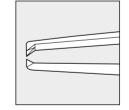
Lister forceps, straight with 0.65mm forward facing teeth, 12mm platform, overall length 110mm

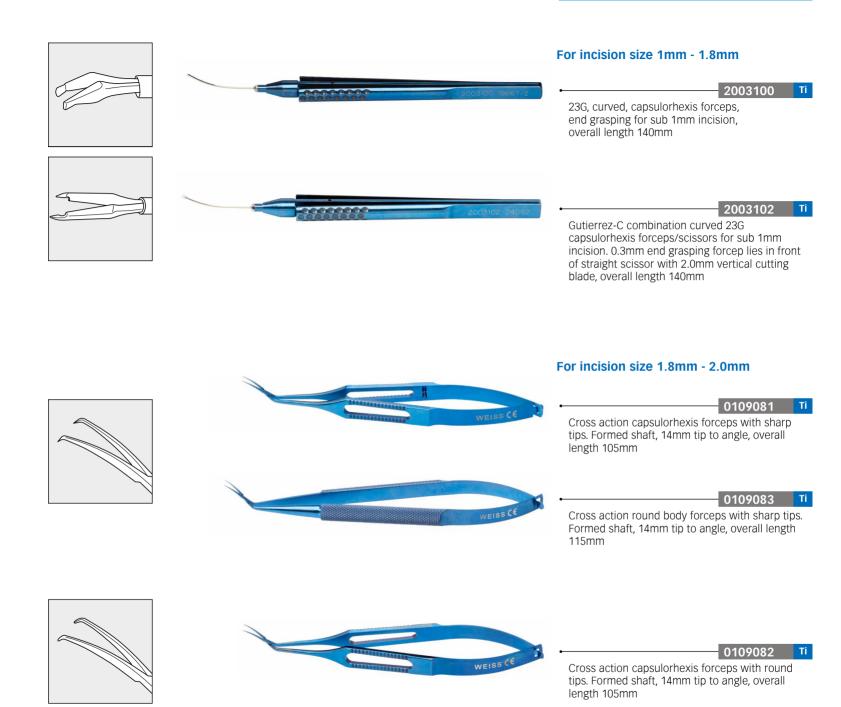




## 0101290 ss

Elschnig forceps, straight with 1.2mm teeth (1 into 2), overall length 109mm





#### For incision size 2mm - 2.5mm

#### 0101569 SS

Capsulorhexis forceps, round body with ultrafine tips. Formed shaft, 9mm tip to angle, overall length 104mm

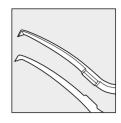
#### 0101570 SS

Capsulorhexis forceps, wide body with ultrafine tips. Formed shaft, 10mm tip to angle, overall length 105mm

#### 0109136 Ti

Weiss capsulorhexis forceps with ultrafine, serrated tips and 1mm markings along shaft. Formed shaft, 14mm tip to angle, overall length 80mm





#### For incision size 2.5mm - 2.8mm

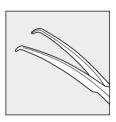
#### 0109127 T

Inamura round bodied, cross action capsulorhexis forceps with fine tapered tips. Formed shaft, 14mm tip to angle, overall length 110mm

#### 0109129 Ti

Inamura round bodied, cross action capsulorhexis forceps with fine tapered tips, Formed shaft, 13mm tip to angle, overall length 110mm





#### For incision size 2.8mm+ - with formed shaft

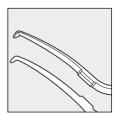
#### 0101563 SS

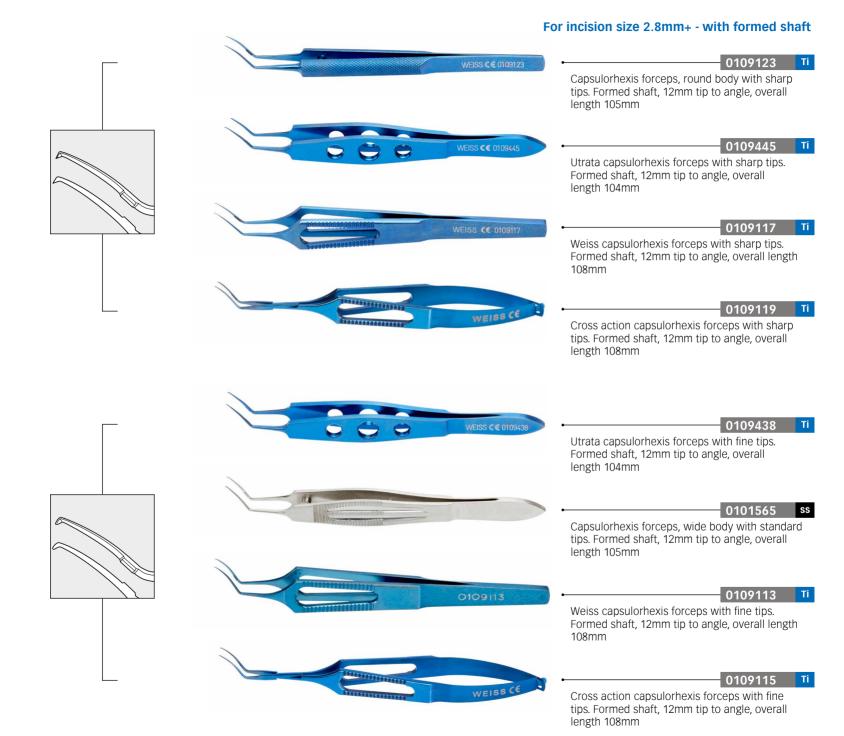
Capsulorhexis forceps, round body with standard tips. Formed shaft, 12mm tip to angle, overall length 103mm

#### 0109122 Ti

Capsulorhexis forceps, round body with fine tips. Formed shaft, 12mm tip to angle, overall length 105mm







#### For incision size 2.8mm+ - with standard shaft

#### 0109135 Ti

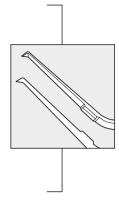
Weiss slimline capsulorhexis forceps with sharp, serrated tips. Standard shaft, 14mm tip to angle, overall length 80mm



0109444 Ti

Utrata capsulorhexis forceps with sharp tips. Standard shaft, 12mm tip to angle, overall length 104mm





#### 0109120 Ti

Capsulorhexis forceps, round body with sharp tips. Standard shaft, 12mm tip to angle, overall length 105mm



Capsulorhexis forceps, round body with standard tips. Standard shaft, 12mm tip to angle, overall length 103mm



#### 0109121

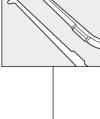
Capsulorhexis forceps, round body with fine tips. Standard shaft, 12mm tip to angle, overall length 103mm



#### 0109131 Ti

Weiss slimline capsulorhexis forceps with standard, serrated tips. Standard shaft, 14mm tip to angle, overall length 80mm





#### 0109437

Utrata capsulorhexis forceps with fine tips. Standard shaft, 12mm tip to angle, overall length 104mm



#### For incision size 2.8mm+ - with standard shaft

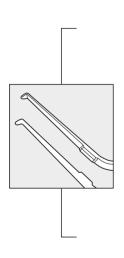


0109116

Weiss capsulorhexis forceps with sharp tips. Standard shaft, 12mm tip to angle, overall length 108mm

0109118

Cross action capsulorhexis forceps with sharp tips. Standard shaft, 12mm tip to angle, overall length 108mm





0101564

Capsulorhexis forceps, wide body with standard tips. Standard shaft, 12mm tip to angle, overall length 106mm

0109112

Weiss capsulorhexis forceps with fine tips. Standard shaft, 12mm tip to angle, overall length 108mm

0109114 Ti

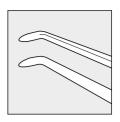
Cross action capsulorhexis forceps with fine tips. Standard shaft, 12mm tip to angle, overall length 108mm

# Forceps - Colibri

## 0101181 SS

Hoskins No 34 Colibri forceps with fine pointed plain tips, no platform, overall length 86mm

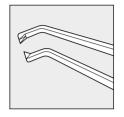




#### 0101362 SS

Colibri forceps with 0.3mm teeth, no platform, overall length 74mm

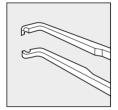




#### 0109147 Ti

Birks Colibri forceps, with a 0.25mm notch, 4mm platform, overall length 108mm





#### 0109063 Ti

Weiss Colibri forceps, with a 0.25mm notch, 5mm platform, overall length 86mm



# 0109064 Ti

Weiss Colibri forceps with 5mm platform, overall length 86mm



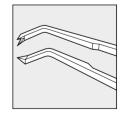
0109063



# 0101365 SS

Colibri forceps with 5mm platform, overall length 78mm





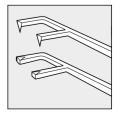
#### 0109065 Ti

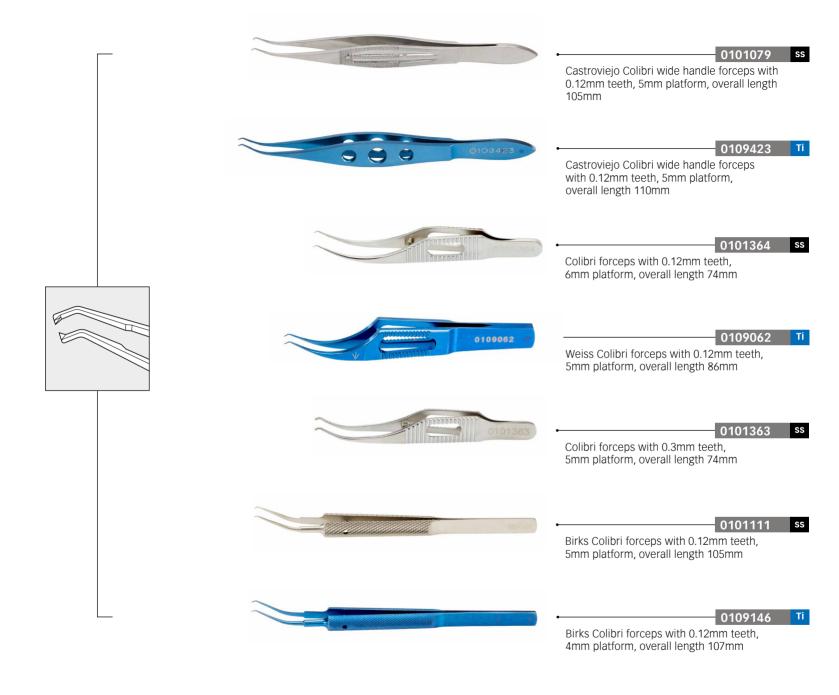
Weiss Colibri forceps, with 0.1mm forward facing teeth, 5mm platform, overall length 85mm



#### 0109070 Ti

Polack Colibri forceps, 2 pronged for corneal suturing with 0.12mm teeth, 4.5mm platform, overall length 75mm





# **Cilia Forceps**

#### 0101264 SS

Whitfield cilia forceps, straight with angled tip. 3mm platform, overall length 91mm



#### 0101265 SS

Bennett cilia forceps, straight with 3mm cup tips, overall length 75mm



#### 0101266 SS

Cilia forceps, straight with rounded tips. 4mm platform, overall length 78mm



#### 0101268 SS

Cross action cilia forceps, angled with rounded tips. 11mm tip to angle, overall length 105mm



0101269

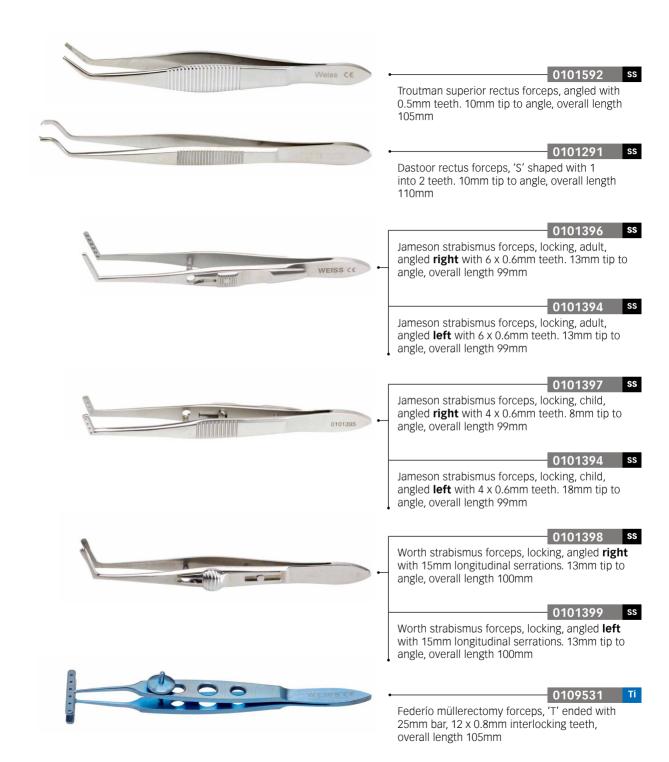
#### 0101267 SS

Barraquer cilia forceps, angled with rounded tips. 7mm platform, 7mm tip to angle, overall length 85mm



#### 0101269 SS

Barraquer cilia forceps, angled with with rounded tips. 8mm platform, 8mm tip to angle, overall length 100mm



# **Lens Forceps**

#### 0101593 SS

IOL folding forceps, angled with grooved paddles. 10mm tip to angle, overall length 108mm



# 6363

#### 0109440 T

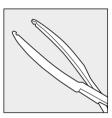
IOL folding forceps, angled with grooved paddles and central marker. 8mm tip to angle, overall length 108mm



#### 0109163 Ti

IOL holding forceps, cross action, notch tip, angled with a catch. 25mm tip to angle, overall length 118mm





#### 0109164 Ti

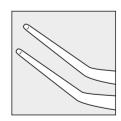
IOL holding forceps, cross action, notch tip, angled, no catch. 25mm tip to angle, overall length 118mm





IOL loading forceps, angled with atraumatic rounded tips and jaws, 15mm tip to angle, overall length 105mm







0101472 ss

Halstead mosquito forceps, straight with 20mm serrated tips, overall length 125mm



0101473

Halstead mosquito forceps, curved with 26mm serrated tips, overall length 125mm



0101474

Wells artery forceps, straight with 20mm serrated tips, overall length 95mm



0101475

)

Wells artery forceps, curved with 20mm serrated tips, overall length 95mm

# Forceps – towel clamps

#### 0101589 SS

Towel clamp, cross action, straight, overall length 85mm



#### 0101583 ss

Towel clamp, non-penetrating, curved, 5mm ball & socket tip, overall length 90mm



#### 0204136 ss

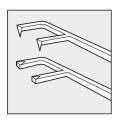
Rampley's sponge forceps, straight, 26mm serrated tips, overall length 182mm



#### 0204147 ss

Backhaus towel clamp, curved, overall length 89mm







#### 0109070

Polack Colibri forceps, 2 pronged for corneal

suturing with 0.12mm teeth, 4.5mm platform, overall length 75mm



# 0101605

Scleral plug forceps, cross action, angled tips have a 2mm groove for gripping scleral plug. 8mm tip to angle, overall length 106mm



0101552

Watski sleeve forceps, reverse cross action for applying sleeve to retinal bands. Curved tips, overall length 116mm



#### 0109181 Ti

Felipe fixation forceps, reverse cross action for fixating the eye during phaco. Angled, 12mm tip to angle, overall length 106mm



#### 0101462

Serrafine cross action mini clamp, straight. 10mm serrated jaws, overall length 38mm



#### 0101463 ss

Serrafine cross action, feather weight, mini clamp, straight. 8mm serrated jaws, overall length 32mm



#### 0101464 ss

Serrafine cross action, mini clamp, curved. 16mm serrated jaws, overall length 48mm

# **Specialist**

# 0204132 ss

Adson forceps, straight with 10mm serrated tips, overall length 122mm



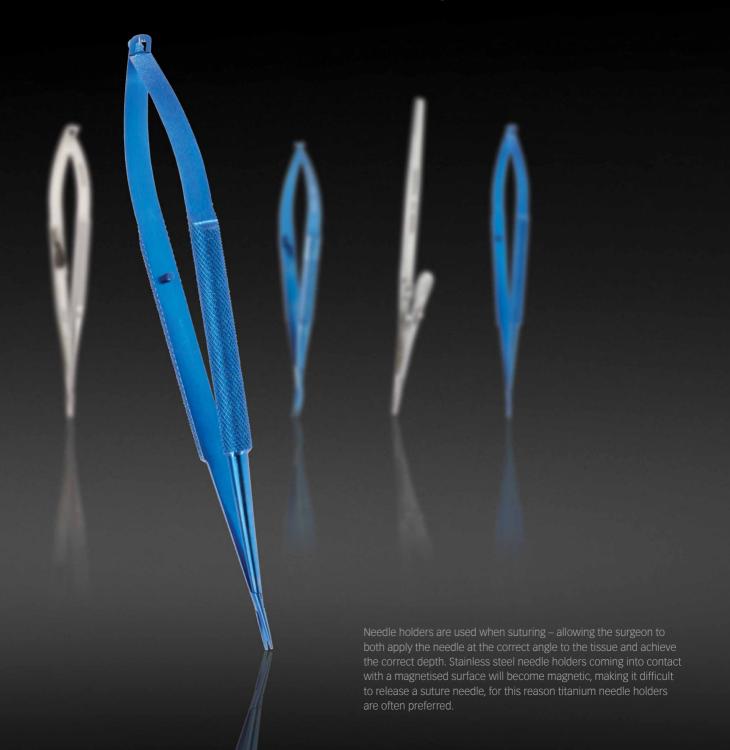
# 0204134 ss

Adson forceps, straight with 0.5mm teeth, overall length 122mm

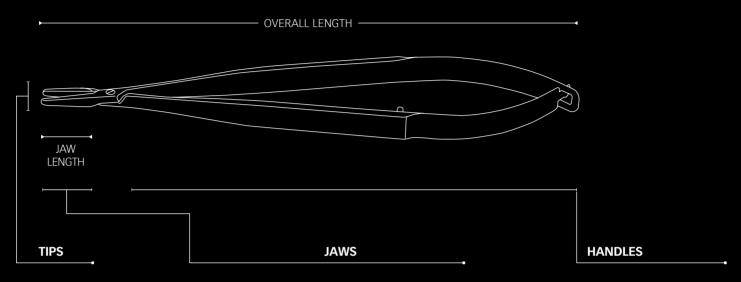


# **Needle Holders**

Curved and straight, with or without catch



# Needle Holder anatomy





#### Fine/micro -

for finest sutures e.g. corneal graft, cataract



# Standard -

general purpose – cataract, trabeculectomy



# Heavy -

for larger sutures e.g. strabismus, lid



# Straight

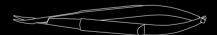


#### Curved

Choice depends on users preference although curved may give better visualisation of the wound



Flat – for good manual grip and control of the tip but may require signi cant hand, wrist or forearm movement



**Round** – rotating handle by rolling between ngers allows for 'micro' control of the tip with minimum movement



**Catch option** – this is used to lock the jaws in the closed position – securing the needle during suturing

#### **Curved with catch**



length 135mm

# **Needle Holders**

#### **Curved without catch**

### 0102009 SS

Castroviejo needle holder, no catch. Standard, curved, 10mm jaw, overall length 145mm

#### 0102010 SS

Castroviejo needle holder, no catch. Heavy, curved, 12mm jaw, overall length 145mm

### 0102011 ss

Castroviejo needle holder, wide handle, no catch. Micro, curved, 10mm jaw, overall length 145mm

### 0102032 SS

Barraquer needle holder, round body, no catch. Fine, curved, 8mm jaw, overall length 140mm

#### 0109174 ss

Weiss needle holder, round body, no catch. Fine, curved, 10mm jaw, overall length 124mm

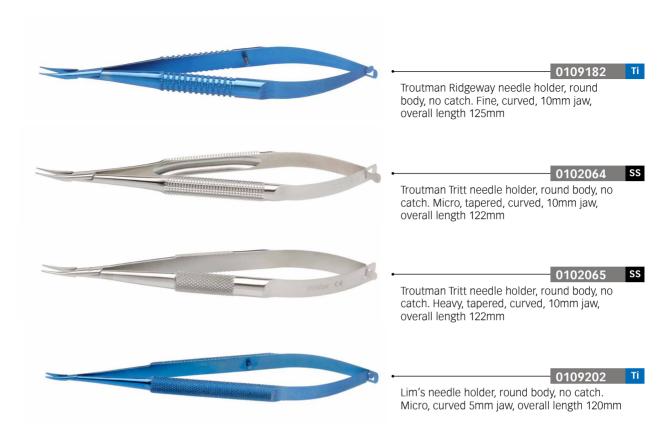
# 0102062 SS

Troutman needle holder, round body, no catch. Tapered, curved, 8mm jaw, overall length 118mm

#### 0109209 SS

Troutman needle holder, round body, no catch. Micro, tapered, curved, 8mm jaw, overall length 118mm





# **Needle Holders**

#### Straight with catch

# 0102002 SS

Castroviejo needle holder with a catch. Standard, straight, 10mm jaw, overall length

# 0102005 ss

Castroviejo needle holder with a catch. Heavy, straight, 12mm jaw, overall length 145mm

# 0102014 SS

Castroviejo needle holder, wide handle with a catch. Micro, straight, 10mm jaw, overall length 145mm

#### 0109193 SS

Weiss needle holder, round body with a catch. Fine, straight, 10mm jaw, overall length 124mm

#### 0102202 SS

Silcock needle holder with a catch. Heavy, straight, 8mm jaw, overall length 150mm

# 0102203 SS

Kalt needle holder with a catch. Heavy, straight, 8mm jaw, overall length 138mm



Straight without catch



0102003

Castroviejo needle holder, no catch. Standard, straight, 10mm jaw, overall length 145mm

0102006 ss

Castroviejo needle holder, no catch. Heavy, straight, 12mm jaw, overall length 145mm

0102013

Castroviejo needle holder, wide handle, no catch. Micro, straight, 10mm jaw, overall length 145mm

0109194

0109194 Ti

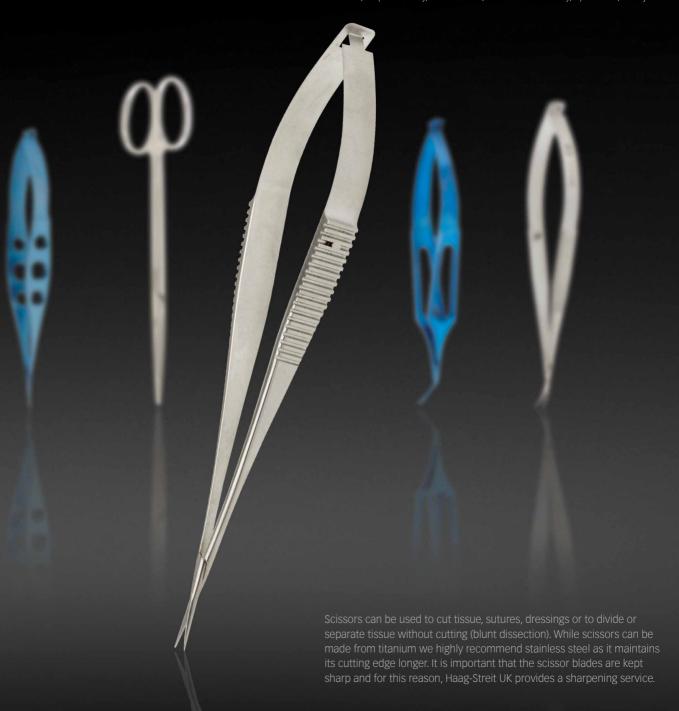
Weiss needle holder, round body, no catch. Fine, straight, 10mm jaw, overall length 124mm

0109203

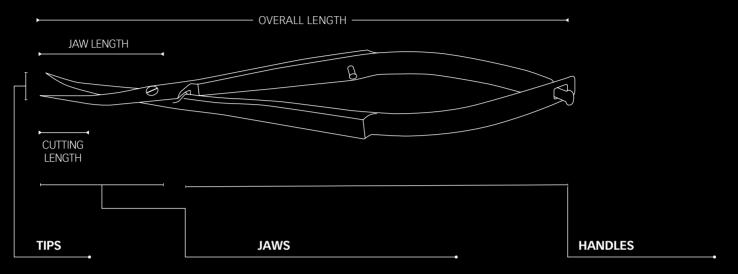
Lim's needle holder, round body, no catch. Micro, straight, 5mm jaw, overall length 120mm

# **Scissors**

Spring, bow/ ribbon. De Wecker, Vannas, Westcott, Williamson-Noble, Corneal, Capsulotomy, Strabismus, Stevens tenotomy, specialist, utility



# Scissors anatomy





# Sharp/pointed -

can pierce tissue as well as cut



Rounded –

for cutting only



# Straight -

good for when direct access is available or when a straight cut is required



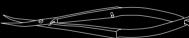
#### Curved -

to reach more difficult areas or when a curved cut is required. May allow better visualisation of tips



# Angled –

enables blades to be positioned at the correct angle to the tissue, particularly useful when excising



**Spring** – a good manual grip with excellent control of the tip means that these are the best choice for delicate work.





**Bow or ribbon** – traditional design, good utility scissor or for non-delicate excisions such as extraocular.

May require signi cant hand and wrist movement.



**Hinge** – a time tested design, blades close by squeezing handle together. Generally used for iris excision.



0103245

De Wecker Iris Scissors. Angled on flat with sharp tips. Max cutting length 5mm, blade length 8mm, overall length 110mm

0103242

De Wecker iris scissors. Angled on flat with sharp tips. Max cutting length 9mm, blade length 12mm, overall length 115mm

0103243

De Wecker Iris Scissors. Angled on flat with right tip sharp and left tip rounded. Max cutting length 9mm, blade length 12mm, overall length 115mm

0103244 S

De Wecker Iris Scissors. Angled on flat with left tip sharp and right tip rounded. Max cutting length 9mm, blade length 12mm, overall length 115mm

0103252

Barraquer Iris Scissors. Angled on flat with sharp tips. Max cutting length 6mm, blade length 8.5mm, overall length 58mm





#### Vannas – straight

### 0103102 ss

Vannas Scissors, straight with sharp tips. Max cutting length 4mm, blade length 9mm, overall length 86mm



# 0103105 SS

Vannas Scissors, straight with sharp tips. Max cutting length 6mm, blade length 12mm, overall length 89mm



### 0109003 Ti

Vannas Scissors, straight with sharp tips. Max cutting length 3mm, blade length 9mm, overall length 95mm



#### 0109460 Ti

Vannas Scissors, straight with ultrafine, sharp tips. Max cutting length 3mm, blade length 8mm, overall length 110mm



### 0103123 SS

Miniature Scissors, straight with sharp tips. Max cutting length 3mm, blade length 6.5mm, overall length 85mm



#### 0103129 SS

Miniature Scissors, straight sharp tips, long handled. Max cutting length 3mm, blade length 9mm, overall length 110mm

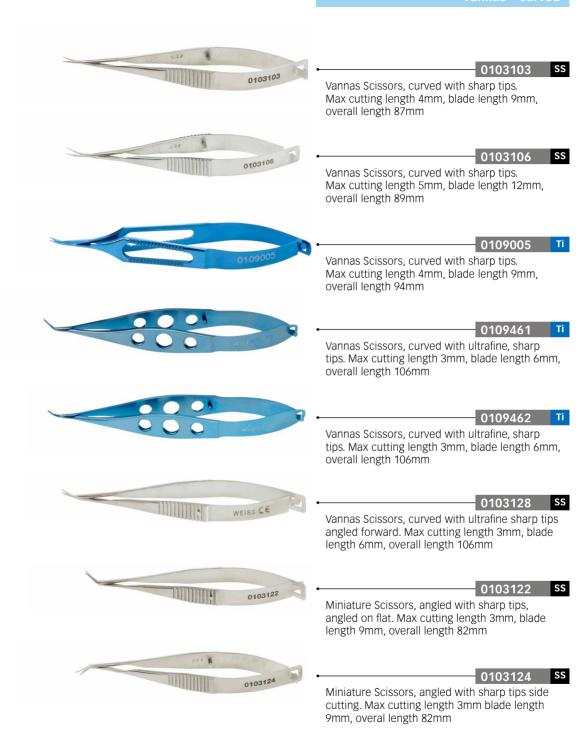


### 0103143 ss

Miniature Scissors, straight sharp tips, long handled. Max cutting length 5mm, blade length 12mm, overall length 115mm



Vannas – curved



#### Westcott

### 0103172 SS

Westcott Scissors, curved with rounded tips. Max cutting length 9mm, blade length 23mm, overall length 115mm

# 0103130 ss

McPherson-Westcott Scissors, curved with sharp tips. Max cutting length 6mm, blade length 12mm, overall length 100mm

### 0103173 SS

Westcott Scissors, curved with sharp tips. Max cutting length 9mm, blade length 23mm, overall length 115mm

# 0103182 SS

Westcott Scissors, curved with rounded tips. Wide handle with a max cutting length 12mm, blade length 23mm, overall length 139mm

# 0103183 SS

Westcott Scissors, curved with sharp tips. Wide handle with a max cutting length 12mm, blade length 23mm, overall length 139mm









#### 0103160

Williamson-Noble Strabismus Scissors. Straight with rounded tips. Max cutting length 10mm, blade length 27mm, overall length 125mm



# 0103161 SS

Williamson-Noble Strabismus Scissors. Curved with rounded tips. Max cutting length 10mm, blade length 27mm, overall length 125mm



#### 0103230

Williamson-Noble Iris Scissors. Straight with sharp tips. Max cutting length 14mm, blade length 27mm, overall length 115mm



# 0103231

Williamson-Noble Iris Scissors. Curved with sharp tips. Max cutting length 14mm, blade length 27mm, overall length 115mm

#### Cornea

### 0103033 SS

Castroviejo Corneal Scissors curved with fine rounded tips. Max cutting length 6mm, blade length 12mm, overall length 107mm

### 0103032 ss

Castroviejo Corneal Scissors curved with rounded tips. Max cutting length 9mm, blade length 21mm, overall length 120mm

#### 0103040 ss

Castroviejo Corneal Scissors. Miniature, curved, wide handle with sharp tips. Max cutting length 5mm, blade length 14mm, overall length 129mm



# **Right or left cutting**

#### 0103019 SS

Katzin Corneal Scissors. Angled right cutting with fine rounded tips. Max cutting length 5mm, blade length 10mm, overall length 103mm

#### 0103020 ss

Katzin Corneal Scissors. Angled left cutting with fine rounded tips. Max cutting length 5mm, blade length 10mm, overall length 103mm

#### 0103046 SS

Troutman-Katzin Corneal Scissors Angled right cutting with rounded tips. Max cutting length 4mm, blade length 9mm, overall length 100mm

#### 0103047 SS

Troutman-Katzin Corneal Scissors Angled left cutting with rounded tips. Max cutting length 4mm, blade length 9mm, overall length 100mm





#### 0103012

Castroviejo Corneal Scissors Angled right cutting with rounded tips. Max cutting length 8mm, blade length 15mm, overall length 107mm

#### 0103015

Castroviejo Corneal Scissors Angled left cutting with rounded tips. Max cutting length 8mm, blade length 15mm, overall length 107mm



# 0103082

Capsulotomy scissors. Curved with sharp tips. Max cutting length 6mm, blade length 10.5mm, overall length 105mm

0103083

Capsulotomy scissors round body. Curved with sharp tips. Max cutting length 6mm, blade length 12mm, overall length 122mm

#### 0103085

Ong scissors. Angled on flat with sharp tips. Max cutting length 7mm, blade length 14mm, overall length 90mm

#### 0109002

Ong scissors. Angled on flat with sharp tips. Max cutting length 8mm, blade length 10mm, overall length 95mm

#### 0103088

Gills-Welsh scissors, Angled on flat with sharp tips Max cutting length 6mm, blade length 13mm, overall length 84mm

#### Strabismus

# 0103152 SS

Strabismus Scissors, straight with rounded tips. Max cutting length 25mm, blade length 32mm, overall length 115mm



# 0103162 SS

Strabismus Scissors, short shank, straight with rounded tips. Max cutting length 19mm, blade length 28mm, overall length 89mm



#### 0103156 SS

Strabismus Scissors, ribbon style, straight with rounded tips. Max cutting length 24mm, blade length 31mm, overall length 110mm



# 0103159 SS

Strabismus Scissors, ribbon style, curved with ultrafine rounded tips. Max cutting length 17mm, blade length 19mm, overall length 98mm



# 0103159 ss

Strabismus Scissors, curved with rounded tips. Max cutting length 20mm, blade length 26mm, overall length 90mm

Stevens Tenotomy



#### Special

# 0103002 SS

Pooley Conjunctival Scissors, straight, rounded tips. Max cutting length 18mm, blade length 26mm, overall length 90mm

### 0103003 ss

Pooley Conjunctival Scissors, straight, rounded tips. Max cutting length 22mm, blade length 30mm, overall length 113mm

# 0103222 ss

Landolt Iris Scissors, curved with rounded tips. Max cutting length 19mm, blade length 28mm, overall length 112mm

#### 0103268 SS

Werbs DCR Scissors, 5mm angled shaft with rounded tips. Max cutting length 23mm, blade length 30mm, overall length 115mm

#### 1 14:1:4. .

# 0103227 S

Scissors, straight with sharp tips. Max cutting length 23mm, blade length 30mm, overall length 115mm

#### 0103224 ss

Scissors, curved with sharp tips. Max cutting length 23mm, blade length 30mm, overall length 115mm







#### Utility

# 0103270 SS

Weiss Utility Scissors, straight with sharp tips. Max cutting length 16mm, blade length 18mm, overall length 95mm

#### 0103269 SS

Weiss Utility Scissors, curved with sharp tips. Max cutting length 16mm, blade length 18mm, overall length 95mm

# 0103271 SS

Scissors, Straight, large ring with sharp tips. Max cutting length 19mm, blade length 28mm, overall length 100mm

# 0103272 SS

Scissors, Curved, large ring with sharp tips. Max cutting length 19mm, blade length 28mm, overall length 98mm

#### 0103275 SS

Scissors, Ribbon style, straight with rounded tips. Max cutting length 18mm, blade length 26mm, overall length 103mm

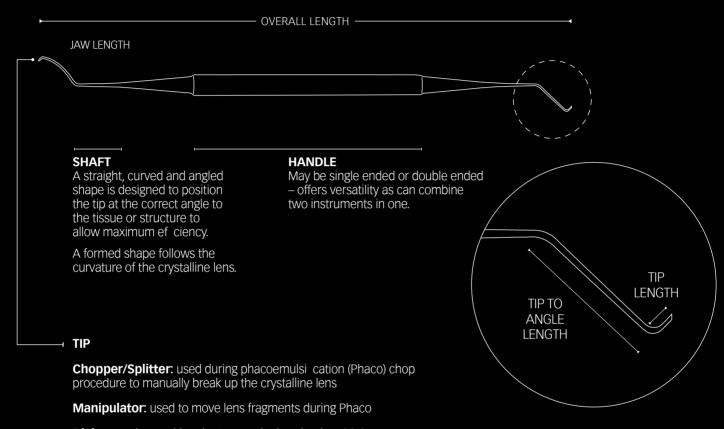
# 0103276 SS

Scissors, Ribbon style, curved with rounded tips. Max cutting length 18mm, blade length 26mm, overall length 102mm





# Chopper and Manipulator anatomy

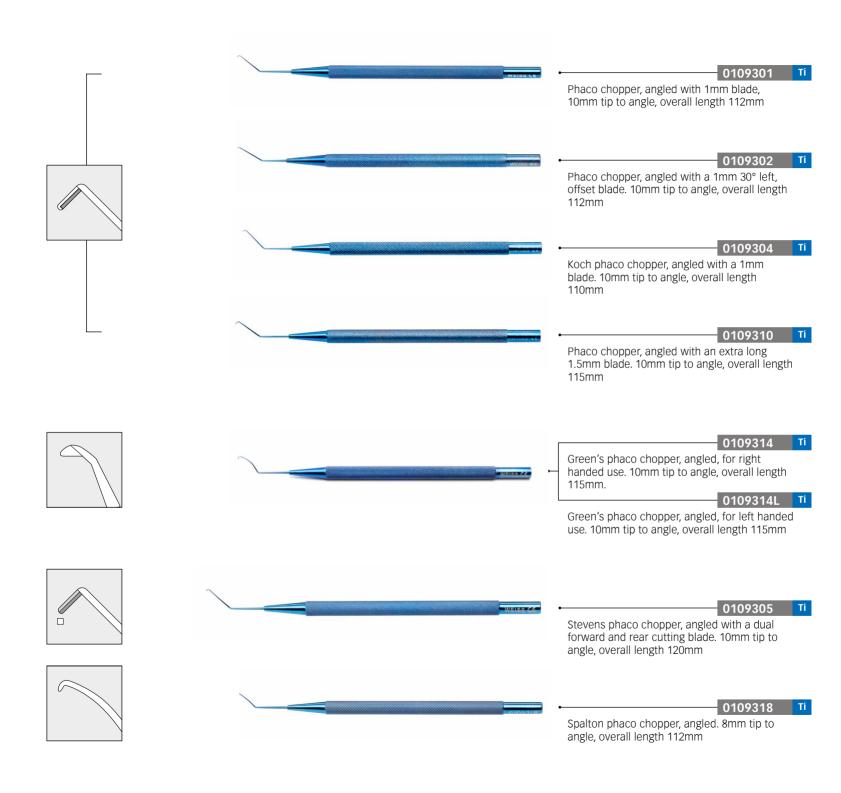


**Dialer:** used to position the Intraocular lens implant (IOL)

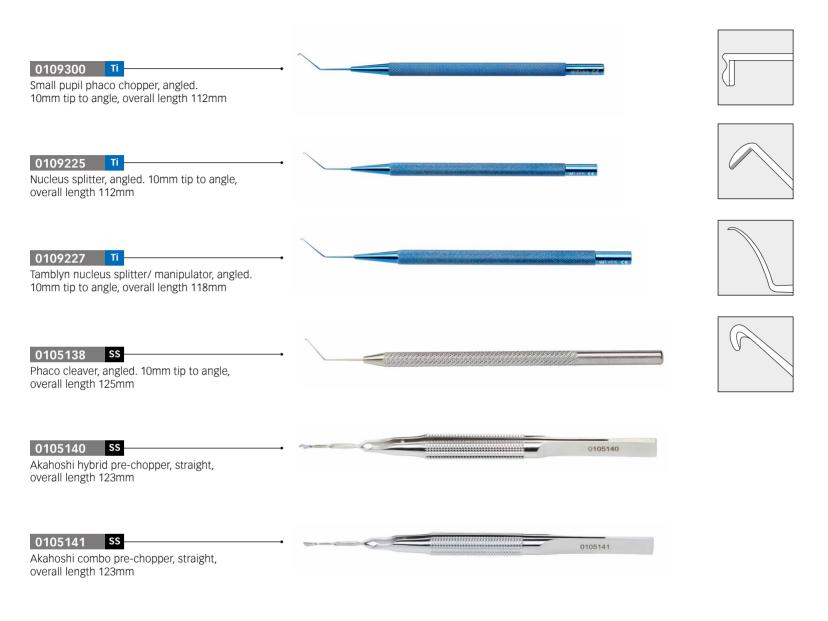
Hook (micro): designed to 'push' or 'pull' the iris or lens capsule

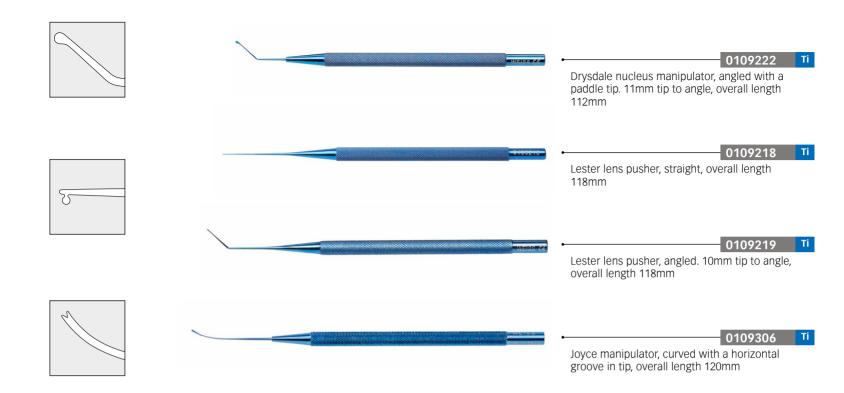
**Vectis:** a traditional instrument designed to support the crystalline lens and aid with its removal during intracapsular cataract extraction.procedure

**Repositor:** used to reposition tissue, usually iris. May also be used to separate adhesions (synechia) between the iris and lens capsule.



# **Choppers & Splitters**





# **Manipulators**

# 0105132 SS

Kuglen lens manipulator, straight, overall length 122mm

# 0105133 SS

Kuglen lens manipulator, angled. 10mm tip to angle, overall length 120mm

### 0109229 Ti

Kuglen lens manipulator, straight, overall length 115mm

# 0109230 Ti

Kuglen lens manipulator, angled. 10mm tip to angle, overall length 115mm

# 0105135 SS

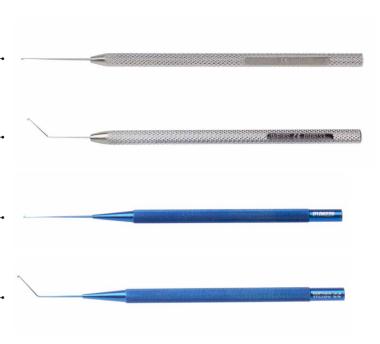
Graether collar button manipulator, angled. 10mm tip to angle, overall length 120mm

#### 0109231

Jaffe-Bechert nucleus rotator, angled with a horizontal 'Y' tip. 10mm tip to angle, overall length 115mm

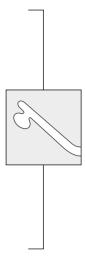
# 0105155 SS

Jaffe-Bechert nucleus rotator, angled with a vertical 'Y' tip. 8mm tip to angle, overall length 110mm



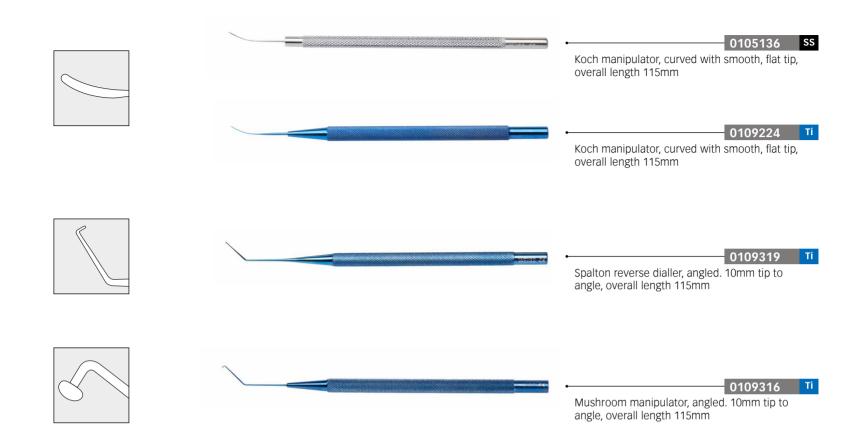




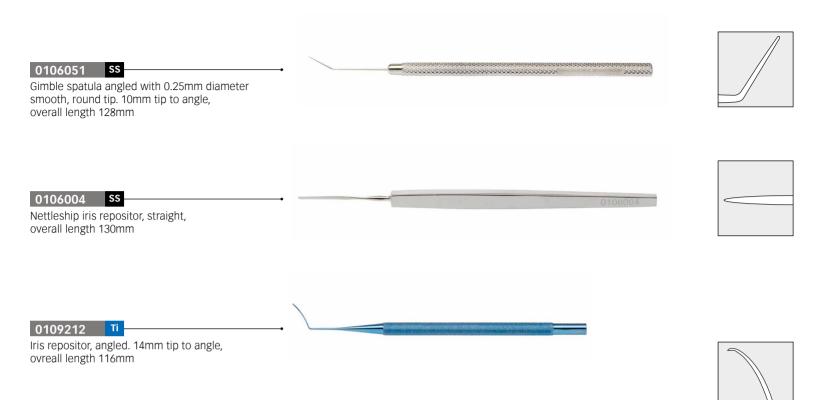


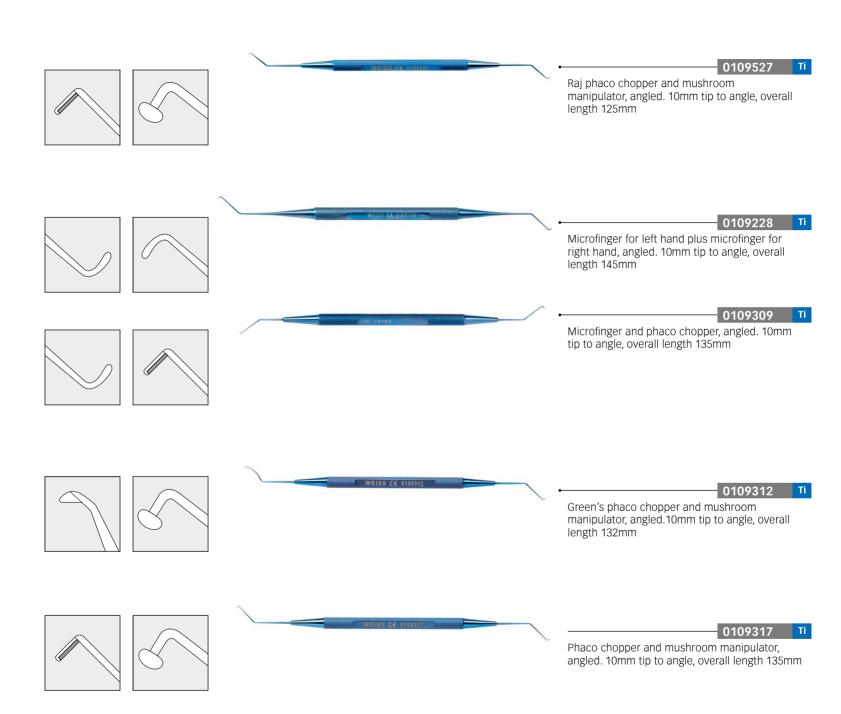






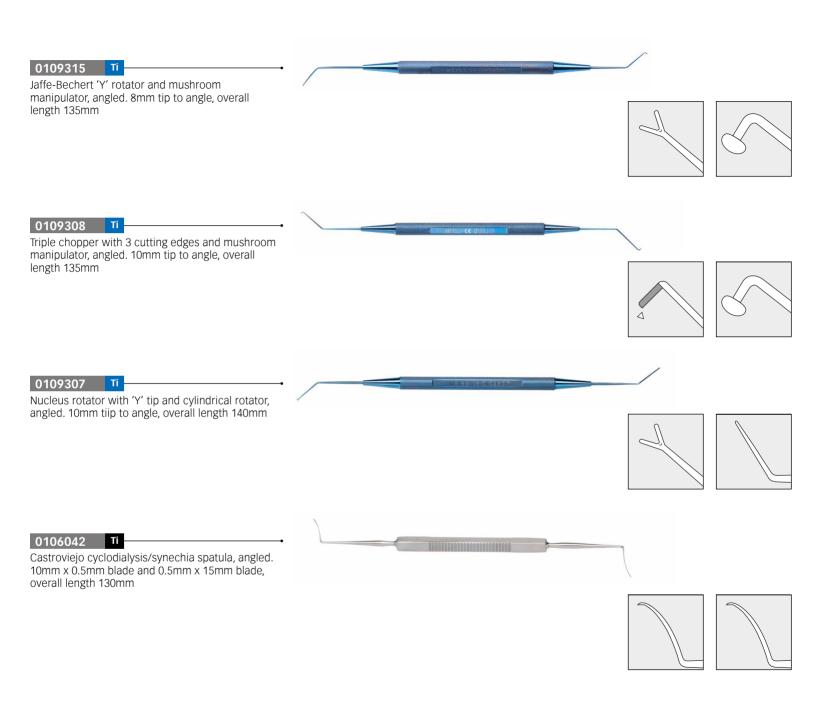
# Spatula / Repositors



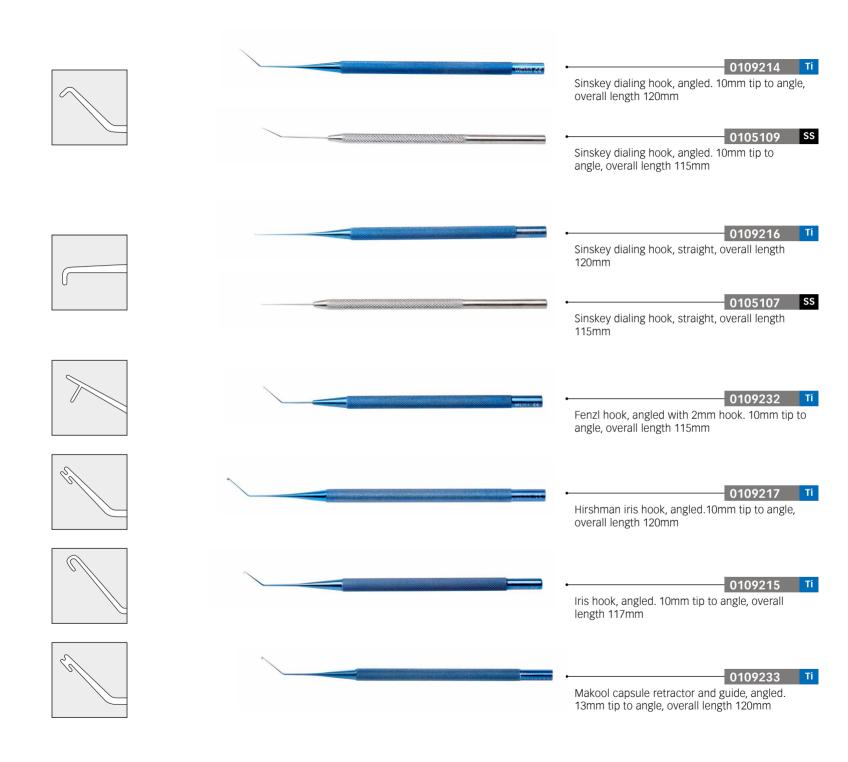


Note: bespoke double ended variations may be available to order

# Double ended combination



Note: bespoke double ended variations may be available to order



0105081

overall length 145mm

SS

Assaf muscle hook, child, flat grooved 5mm hook,

# 0105073 0105073 Graefe strabismus hook, straight with 8mm medium hook, overall length 138mm 0105074 ss 0105074 Graefe strabismus hook, straight with 10mm large hook, overall length 138mm 0105075 0105075 Moorfields strabismus hook, straight with 8mm hook, overall length 138mm 0105082 SS 0105082 Maidstone oculoplastic hook for lateral canthoplasty with fenestration at tip. 13mm hook, overall length 138mm 0105080 WEISS (€ 0105080 Assaf muscle hook, adult, flat grooved 7mm hook, overall length 145mm

WEISS CE

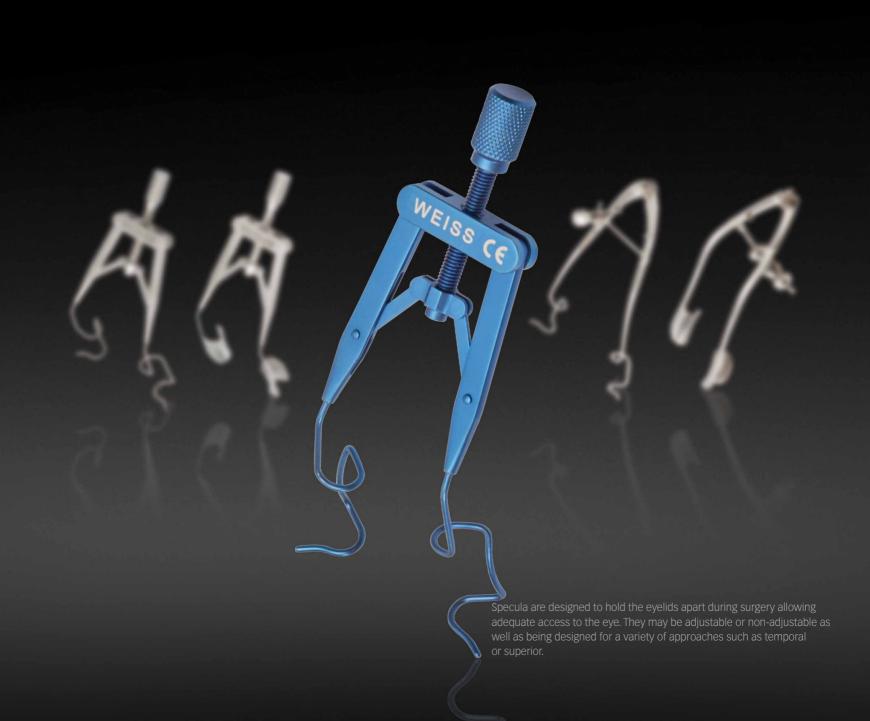
0105081





Narrow vectis, straight with 7.5mm x 2.5mm oval, overall length 138mm

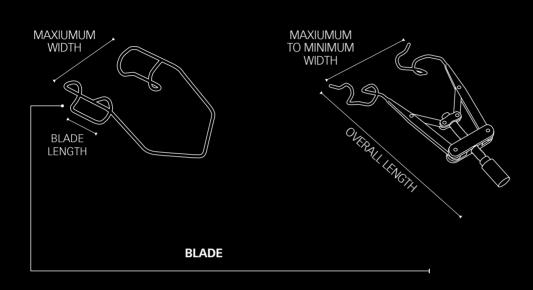
# Specula Adjustable or Non-adjustable Infant and Adult



# Specula anatomy

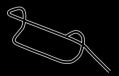
#### **NON-ADJUSTABLE**

#### **ADJUSTABLE**





**Open:** allows good access for instruments e.g. Phaco handpiece that might otherwise rest on the top bar of a closed blade making surgery difficult



**Closed:** good hold on eyelids for procedures where the top bar does not cause a problem e.g. trabeculectomy or temporal incision phaco



**Wire:** more comfortable for the patient under local anaesthetic, particularly when used with a sliding wire speculum or a non-adjustable speculum



**Solid:** holds eyelids securely



Barraquer speculum for baby with 12mm closed wire blades. 14mm maximum opening, overall length 30mm



0104075 ss

Barraquer speculum for child with 12mm closed wire blades. 15mm maximum opening, overall length 42mm



0104130

Barraquer speculum for child with 11mm solid blades. 18mm maximum opening, overall length 40mm

Barraquer speculum for adult with 15mm solid blades. 18mm maximum opening, overall length 38mm



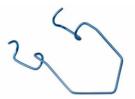
# 0104078 ss

Kratz-Barraquer speculum for adult with 13mm open wire blades. 18mm maximum opening, overall length 45mm



# 0109401 Ti

Kratz-Barraquer speculum for adult with 8mm open wire blades. 18mm maximum opening, overall length 42mm



#### 0104087 ss

Kratz-Barraquer temporal incision speculum for adult with 12mm open wire blades. 18mm maximum opening, overall length 45mm



#### 0104135 ss

Sauer speculum with 10mm solid blades. 18mm maximum opening, overall length 16mm



Adjustable – Infant

0104132 SS

Jaffe lid retractor, small with 10mm open wire blade, overall length 40mm. Comes as a pair

# 0104085

SS

Barraquer sliding speculum for adult with 17mm closed wire blades. 25mm maximum opening, overall length 35mm



# 0104083 ss

Kratz-Barraquer sliding speculum for adult with 12mm open wire blades. 25mm maximum opening, overall length 32mm



# 0109410 Ti

Lieberman speculum for adult with 15mm open 'K' wire blades. 45mm maximum opening, overall length 84mm



# Adjustable – Adult



0104142

Lieberman speculum for adult with 15mm open 'K' wire blades. 40mm maximum opening, overall length 82mm\*



Lieberman speculum for adult with 15mm open 'V' wire blades. 35mm maximum opening, overall length 82mm\*

# 0104129S SS

Lieberman temporal incision speculum for

adult with 15mm open 'K' wire blades. 35mm maximum opening, overall length 78mm

#### 0104137

Lieberman speculum for adult with 14mm solid blades. 40mm maximum opening, overall length 82mm

#### 0104136

Lieberman speculum for adult with 15mm solid blades, suitable for both standard and temporal incision 45mm maximum opening, overall length 75mm (Reversable)



# Adjustable – Adult

# 0104141 ss

Knapp speculum for adult with 15mm open wire blades. 33mm maximum opening, overall length 84mm



# 0104134 ss

Lancaster speculum for adult with 15mm solid blades. 38mm maximum opening, overall length 82mm



# 0104133 ss

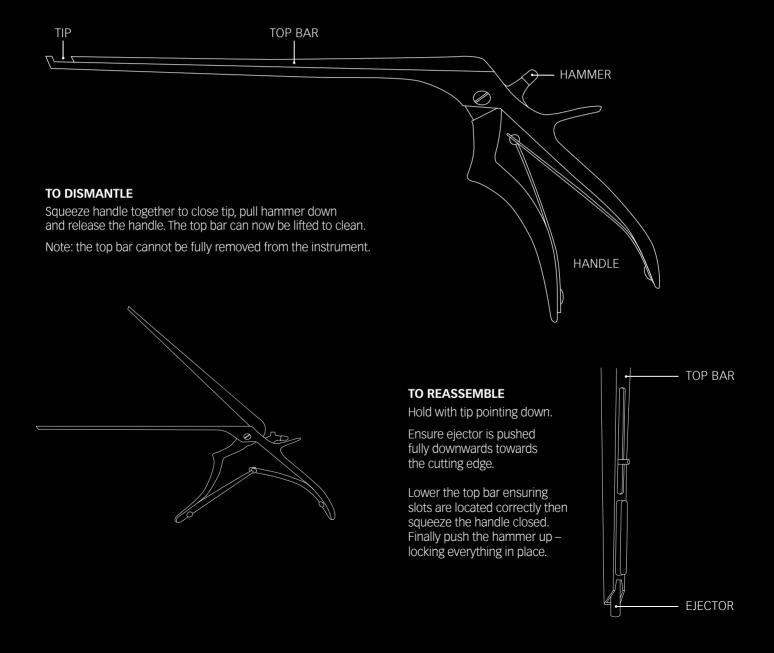
Jaffe lid retractor, large with 15mm open wire blade, overall length 40mm. Comes as a pair.





# How to dismantle and reassemble the take apart Kerrison punch

Sphenoidal punches are designed for cutting the sphenoid bone during dacryocystorhinostomy (DCR) surgery. The John Weiss portfolio includes a specific range of Kerrison punches, referred to as 'take-apart', that are specifically designed to be taken apart for ease of cleaning.





#### Lid instruments

#### **Chalazion and Cyst**

# 0101426 ss

Lambert chalazion forceps with 10mm smooth, round plate, overall length 92mm



# 0101427 s

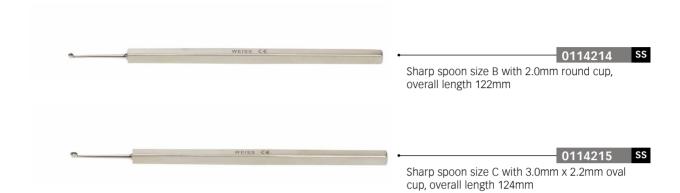
Lambert chalazion forceps with 15mm smooth, round plate, overall length 98mm



# 0101428 ss

Francis chalazion forceps with 16mm x 13mm smooth, oval plate, overall length 98mm





Berke ptosis forceps, locking with **15mm** serrated jaws, overall length 110mm

# 0101444 ss

Berke ptosis forceps, locking with **27mm** serrated jaws, overall length 110mm

# 0109531 T

Federío müllerectomy forceps, 'T' ended with 25mm bar, 12 x 0.8mm interlocking teeth, overall length 105mm



MacCallan entropian lid plate, smooth, double ended with 1x 20mm and 1x 22mm

plates, overall length 112mm

SS



# Lid instruments

#### Strabismus

# 0101396 ss

Jameson strabismus forceps, locking, adult, angled right with 6 x 0.6mm teeth. 13mm tip to angle, overall length 99mm



# 0101394 ss

Jameson strabismus forceps, locking, adult, angled left with 7 x 0.6mm teeth. 13mm tip to angle, overall length 99mm



# 0101397 ss

Jameson strabismus forceps, locking, child, angled right with  $4 \times 0.6 \text{mm}$  teeth. 8 mm tip to angle, overall length 99 mm



# 0101395 ss

Jameson strabismus forceps, locking, child, angled left with  $4\times0.6$ mm teeth. 18mm tip to angle, overall length 99mm



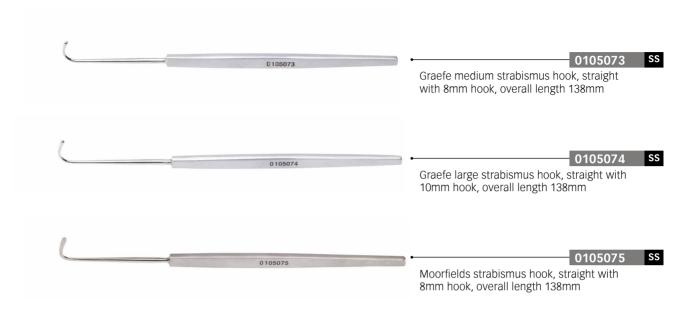
# 0101398 ss

Worth strabismus forceps, locking, angled **right** with 15mm longitudinal serrations. 13mm tip to angle, overall length 100mm



#### 0101399 ss

Worth strabismus forceps, locking, angled left with 15mm longitudinal serrations, overall length 100mm



Pigtail probe with fenestration at tip, double ended for right or left use, overall length 140mm



# 0105033 s

Nettleship dilator straight with 27mm tapered tip, overall length 110mm

# 0105034 ss

Nettleship dilator double ended straight with 1x 20mm & 1x 22mm tapered tips, overall length 117mm



0105036 Wilder dilator, straight with 20mm fine tapered tip, overall length 112mm 0105037 Wilder dilator, straight with 16mm medium tapered tip, overall length 112mm 0105038 WEISS ( 0105038 Lacrimal dilator for infant, straight with a 22mm delicate taper, overall length 82mm 0105040 Castroviejo dilator, straight, double ended with 1x 18mm and 1x 22mm tapered tips, overall length 138mm 0105054 SS Hays punctum finder 23mm straight, pointed, overall length 125mm 0103268 Werbs DCR Scissors, 5mm angled shaft with rounded tips. Max cutting length 23mm, blade length 30mm, overall length 115mm

Killian nasal speculum, adjustable with 50mm blades, maximum opening 30mm, overall length 140mm

#### 0107057 ss

Stevenson lacrimal sac retractor, adjustable with 10mm blades each with 3 prongs, maximum opening 20mm, overall length 82mm

#### 0107092 ss

Fison retractor with 20mm deep angled blade, 11mm wide, overall length 130mm

#### 0107072 ss

Watson orbital retractors, maleable.

Available as a set of 4 or individually as below.

#### 0107073 ss

Watson maleable orbital retractor, single 8mm x 30mm blade, overall length 152mm

#### 0107074 ss

Watson maleable orbital retractor, large with 2x 4mm x 42mm pronged blades, overall length 162mm

#### 0107075 ss

Watson maleable orbital retractor, medium with 2x 4mm x 36mm pronged blades, overall length 156mm

#### 0107076 ss

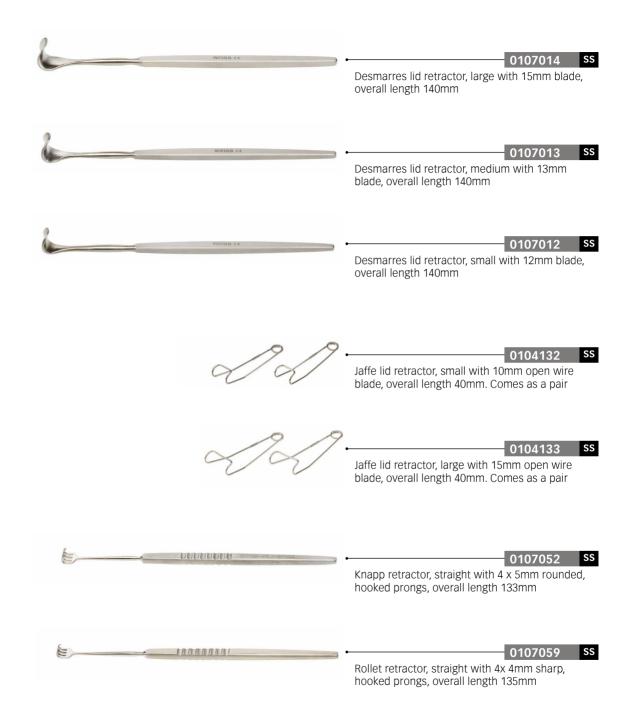
Watson maleable orbital retractor, small with 2x 4mm x 24mm pronged blades, overall length 145mm

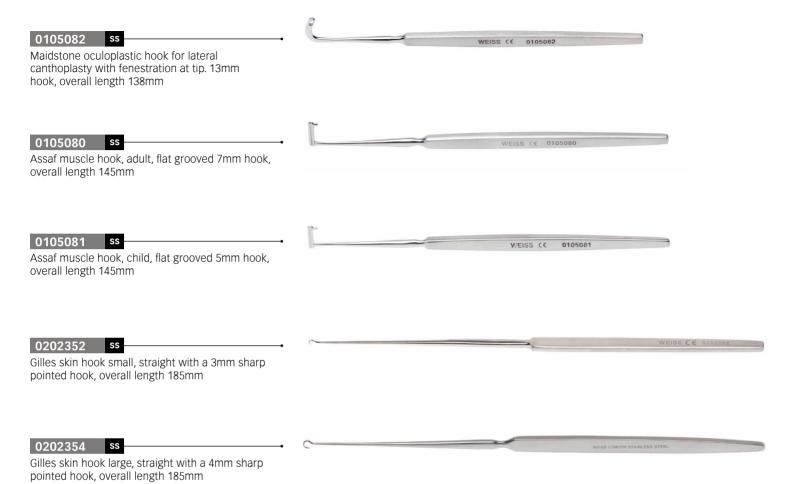














	Description	Tip Width	Length	Shape
0114084	Chisel	3mm	180mm	Straight <b>SS</b>
0114085	Chisel	4mm	180mm	Straight <b>SS</b>
0114086	Chisel	5mm	180mm	Straight <b>ss</b>
0114087	Chisel	6mm	180mm	Straight <b>ss</b>
0114088	Chisel	7mm	180mm	Straight <b>SS</b>
0114103	Chisel	3mm	180mm	Curved <b>ss</b>
0114104	Chisel	4mm	180mm	Curved <b>ss</b>
0114105	Chisel	5mm	180mm	Curved <b>SS</b>
0114106	Chisel	6mm	180mm	Curved <b>SS</b>
0114107	Chisel	7mm	180mm	Curved <b>ss</b>
0114143	Osteotomes	3mm	180mm	Straight <b>SS</b>
0114144	Osteotomes	4mm	180mm	Straight <b>ss</b>
0114145	Osteotomes	5mm	180mm	Straight <b>SS</b>
0114146	Osteotomes	6mm	180mm	Straight <b>SS</b>
0114147	Osteotomes	7mm	180mm	Straight <b>SS</b>

		Bite size	Cut direction	Shape	Shaft length	
011487	Weiss sphenoidal punch, fine	2mm	Up	Straight	140mm	SS
011488	Weiss sphenoidal punch, fine	2mm	Down	Straight	140mm	SS
011485	Weiss sphenoidal punch	3mm	Up	Straight	140mm	SS
011495	Weiss sphenoidal punch, fine with curved cup	3mm	Up	Straight	140mm	SS
011490	Weiss sphenoidal punch, fine	3mm	Down	Straight	140mm	SS
011483	Weiss sphenoidal punch	4mm	Up	Straight	140mm	SS
011494	Weiss sphenoidal punch, fine	4mm	Up	Straight	140mm	SS
011484	Weiss sphenoidal punch	4mm	Down	Straight	140mm	SS
011493	Weiss sphenoidal punch, fine	4mm	Down	Straight	140mm	SS



		Bite size	Cut direction	Tip angle	Overall length
0204155	Kerrison punch	2mm	Up	40 degree	choose 180mm or 200mm
0204155T	Kerrison punch - thin	2mm	Up	40 degree	choose 180mm or 200mm
0204158	Kerrison punch - <b>take apart</b> with ejector	2mm	Up	40 degree	choose 180mm or 200mm
0204158T	Kerrison punch - thin - take apart with ejector	2mm	Up	40 degree	choose 180mm or 200mm
0104163	Kerrison punch - with ejector	2mm	Up	40 degree	choose 180mm or 200mm
0104163T	Kerrison punch - thin - with ejector	2mm	Up	40 degree	choose 180mm or 200mm SS
0204159	Kerrison punch - take apart with ejector	3mm	Up	40 degree	choose 180mm or 200mm SS
0204159T	Kerrison punch - thin - take apart with ejector	3mm	Up	40 degree	choose 180mm or 200mm SS
0204164	Kerrison punch - with ejector	3mm	Up	40 degree	choose 180mm or 200mm
0204164T	Kerrison punch - thin - with ejector	3mm	Up	40 degree	choose 180mm or 200mm
0204156	Kerrison punch - thin	3mm	Down	90 degree	choose 180mm or 200mm SS
0204156T	Kerrison punch - thin	3mm	Down	90 degree	choose 180mm or 200mm ss
0204157	Kerrison punch - thin	4mm	Up	90 degree	choose 180mm or 200mm
0104157T	Kerrison punch - take apart with ejector	4mm	Up	90 degree	choose 180mm or 200mm SS
0104160	Kerrison punch - take apart with ejector	4mm	Up	40 degree	choose 180mm or 200mm ss
0204160T	Kerrison punch - thin - take apart with ejector	4mm	Up	40 degree	choose 180mm or 200mm
0204165	Kerrison punch - with ejector	4mm	Up	40 degree	choose 180mm or 200mm SS
0204165T	Kerrison punch - thin - with ejector	4mm	Up	40 degree	choose 180mm or 200mm SS
0204161	Kerrison punch - thin - take apart with ejector	5mm	Up	40 degree	choose 180mm or 200mm SS
0204161T	Kerrison punch - thin - take apart with ejector	5mm	Up	40 degree	choose 180mm or 200mm SS
0204166	Kerrison punch - with ejector	5mm	Up	40 degree	choose 180mm or 200mm SS
0104166T	Kerrison punch - thin - with ejector	5mm	Up	40 degree	choose 180mm or 200mm SS
0104162	Kerrison punch - <b>take apart</b> with ejector	6mm	Up	40 degree	choose 180mm or 200mm
0204162T	Kerrison punch - thin - take apart with ejector	6mm	Up	40 degree	choose 180mm or 200mm SS
0204167	Kerrison punch Kerrison punch	6mm	Up	40 degree	choose 180mm or 200mm
0204167T	Kerrison punch - thin - with ejector	6mm	Up	40 degree	choose 180mm or 200mm SS



#### Orbital instruments

#### Downs Rootman Orbital Surgery

# 0107132 ss

Tumour holding forceps, straight with 2mm square, notched jaws, overall length 158mm



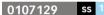
# 0107131 ss

Tumour holding forceps, straight with fenestrated, cupped jaws, 7mm x 10mm, overall length 160mm



# 0107130

Tumour holding hook, 5mm long, 90°, blunt, overall length 160mm



Tumour holding hook, 5mm long, 90°, sharp, overall length 160mm

#### 0107128 ss

Vessel retractor, 'U' shaped, 8mm, curved, overall length 150mm

#### 0107127 ss

Dissector/elevator, curved with 5mm crescent shaped end, overall length 150mm





# **Orbital instruments**

#### Downs Rootman Orbital Surgery





0106045

Trelat enucleation spatula, straight with a slotted, 18mm cup, overall length 150mm

Friedman bone nibbler forceps, curved with 2mm x 10mm cup, overall length 135mm



#### 0114299 ss

Rollet rugine & periostial elevator, double ended, 4mm straight rugine & 3mm angled elevator, 4.5mm tip to angle, overall length 158mm

# 0114262 ss

Freer elevator double ended, slightly curved with 1x 4.5mm sharp end & 1x 4.5mm blunt end, overall length 182mm

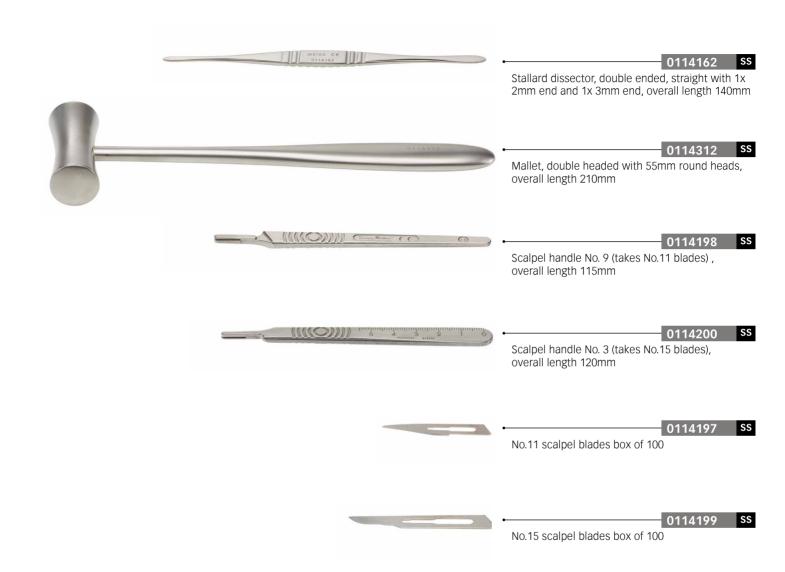
# 0114263S ss

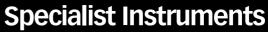
Traquair periostial elevator, double ended with 1x 3mm wide, 7mm tip to angle & 1x 2mm wide, 5mm tip to angle, overall length 155mm

# 0114264 ss

Howarth periostial elevator & rugine, double ended with 7mm wide, straight elevator & 5mm curved rugine, overall length 215mm

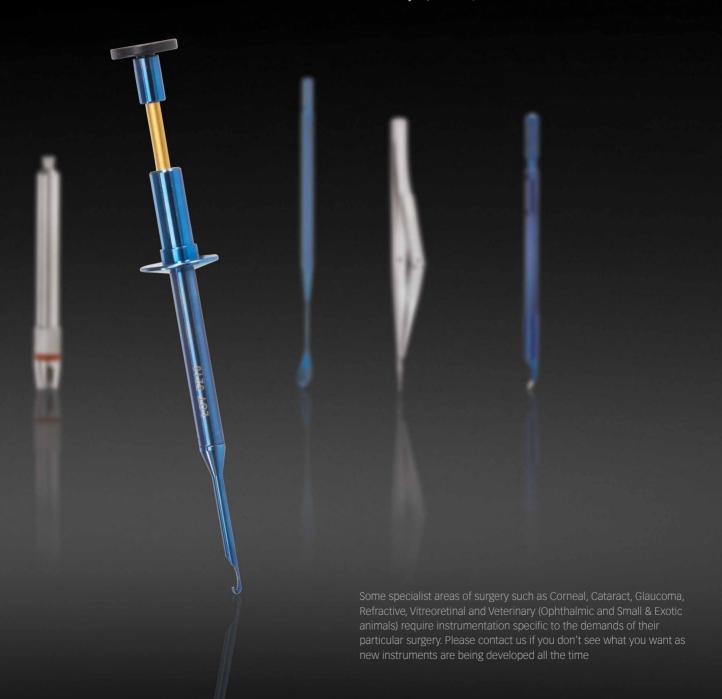






General, Vitreoretinal, Corneal and Refractive, Cataract, Glaucoma, Diamond Knives. Corneal knives. Travs.

Veterinary: Ophthalmic, Exotic & small animal



# **Using microsurgical instruments**

Although most damage occurs to instruments during processing and cleaning, it is important to make sure that they are also handled correctly during the surgical procedure. Here are some guidelines. Please note that these are of a general nature and are not intended to replace any country or institution specific protocol or procedures.

- Always keep microsurgical instruments in a purpose designed tray while not actually in use and never allow them to lay loose together on the trolley.
- Only use trays designed specifically for microsurgical instruments as standard instrument trays may not offer adequate grip for such delicate instruments or may damage them by applying too much pressure in the wrong place.
- Carefully inspect all instruments under magnification before and after use.
- Only people who are trained in the use of microsurgical instruments should handle them e.g. surgeons and specialist practitioners
- Instruments should only be used for their intended purpose, anything else e.g. cutting a drape with Westcott scissors, may damage them.
- Never pick up instruments by tips or let tips touch anything other than the tissue they are designed for. This prevents both damage to the instrument and injury to the user.
- Do not let the tips touch the trolley drape, it may damage the fine points or teeth, and if the drape has fibres, these may be transferred to the instrument tips.
- When no longer in use, wipe clean with demineralised/sterile water and thoroughly flush through any lumen with cool demineralised/sterile water, this will prevent proteinaceous material from sticking to the instrument.
- Scalpel blades, knives and scissors require particular care:
- If the instrument does not have a blade cover it must be passed between practitioners by the handle so that the cutting edge, and the point, face downwards. This must be done with great care to prevent injury.
- If available with a blade cover, a knife or scalpel should be passed between practitioners with the blade sheathed and by the handle. The user should then un-sheath the blade, use it, then re-sheath before passing the knife back. Care should still be taken even though the blade is protected.
- Particular care should be taken when removing a blade from a scalpel handle, this should never be done using the fingers, instead artery forceps should be used and the blade removed, angled away from the practitioner's body.
- Get to know the names of the instruments within a set as well as the specific instruments used for each procedure and the general order in which they are used. Following the procedure will enable anticipation of the next instrument required and giv time to locate and prepare it.
- Avoid stainless steel instruments from coming into contact with any magnetised objects as this may transfer to them making their
  use difficult, e.g. suture needles may be difficult to let go of when a stainless steel needle holder becomes magnetised.
- Cleaning and sterilisation should be performed by those qualified to do so. For our most up-to-date guidelines visit

#### www.haagstreituk.com

Adson forceps, straight with 10mm serrated tips, overall length 122mm



# 0204134 ss

Adson forceps, straight with 0.5mm teeth, overall length 122mm





0101462

Serrafine cross action mini clamp, straight. 10mm serrated jaws, overall length 38mm



0101463

Serrafine cross action, featherweight, mini clamp, straight. 8mm serrated jaws, overall length 32mmoverall length 210mm



0101464

Serrafine cross action, mini clamp, curved. 16mm serrated jaws, overall length 48mm



0103275

Good utility scissors for cutting drape, ribbon style, straight with rounded tips. Max cutting length 18mm, blade length 26mm, overall length 103mm

0103276

Good utility scissors for cutting drape, ribbon style, curved with rounded tips. Max cutting length 18mm, blade length 26mm, overall length 102mm

## 0101589 ss

Towel clamp, cross action, straight, overall length 85mm



## 0101583 ss

Towel clamp, non-penetrating, curved, 5mm ball & socket tip, overall length 90mm



## 0204136 ss

Rampley's sponge forceps, straight, 26mm serrated tips, overall length 182mm



## 0204147 ss

Backhaus towel clamp, curved, overall length 89mm





# **Vitreoretinal**

## 2003069 ss

Vitreoretinal flushing system for effective irrigation of V/R instruments, overall length 132mm



## 0101605 ss

Scleral plug forceps, cross action, angled tips have a 2mm groove for gripping scleral plug. 8mm tip to angle, overall length 106mm



## 0101552 ss

Watski sleeve forceps, reverse cross action for applying sleeve to retinal bands. Curved tips, overall length 116mm





# **Corneal and Refractive**

## 0109526 Ti

Weiss lasik flap lifter, double ended and angled, 1 x sharp pointed and 1 x spatulated. 10mm tip to angle, overall length 135mm

### 0109532 Ti

Bristol spatula with 10mm x 15mm depression, overall length 130mm

## 0114322 ss

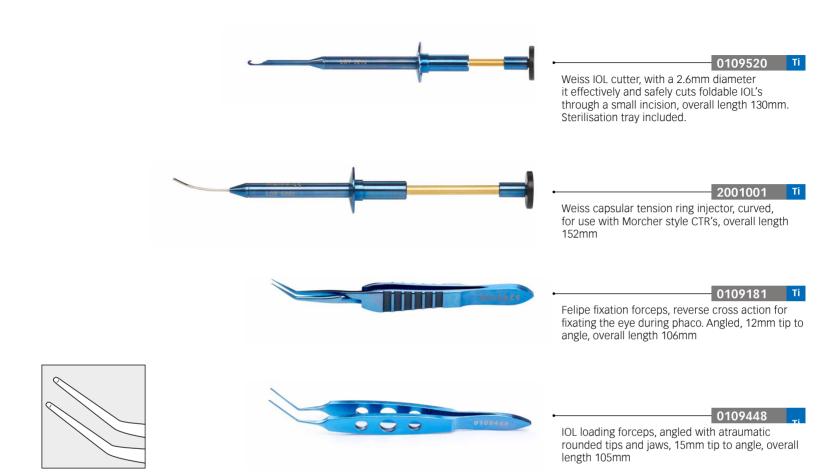
## 1 143ZZ 99

Flieringa scleral rings, set of six. One each of 13mm,15mm, 17mm, 19mm, 21mm and 23mm diameter

## 0109530

Nischal corneal gauge. Set of three discs with sizes 6.5mm to 19mm in 0.5mm increments





## 0101491 ss

Kelly punch with protective cap. Squeeze action with 1mm tip for cutting Descemet's membrane, overall length 130mm

## 0101492 ss

Replacement cap for 0101491 Kelly punch



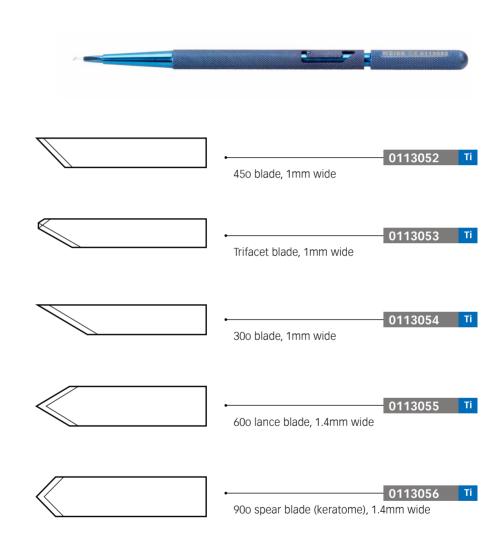
Luntz-Dodick trabeculectomy punch with angled, 4 position 1mm cutter, overall length 116mm





# Overall length 110mm (not including blade)

All Diamond Knives are supplied with a sterilisation tray



90 degree angled

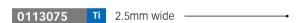
## **Overall length 110mm (not including blade)**

All Diamond Knives are supplied with a sterilisation tray



## Phaco spear (keratome)

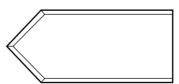
0113072	"	3.2mm wide	•
0113073	Ti	3.0mm wide	
0113074	Ti	2.8mm wide	





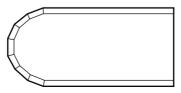
# Phaco spear (keratome) for clear corneal incision

0113076 Ti	3.2mm wide ——•
0113077 Ti	3.0mm wide —
0113078 Ti	2.8mm wide ——•
0113079 Ti	2.5mm wide —
0113082 Ti	2.2mm wide —



## Nine edged crescent blade

0113084	Ti	3.0mm wide	
0113085	Ti	2.0mm wide	





#### Polymer – removable lid

## 0112013

Tray holds 10 instruments with silicone finger matting. Outer size W260mm D160mm H25mm. Inner size W250mm D150mm H20mm.



## 0112015

Tray holds 20 instruments with silicone finger matting. Outer size W390mm D265m H25mm. Inner size W380mm D250mm H20mm.



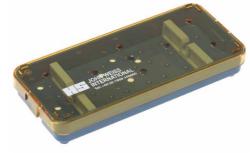
## 0112014

Tray, 2 tier, holds 20 instruments with silicone finger matting. Outer size W260mm D160mm H45mm. Inner size W250mm D150mm H40mm.



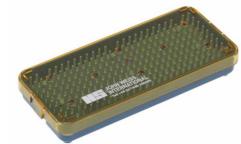
## 0112019

Tray, 2 tier, holds 40 instruments with silicone finger matting. Outer size W390mm D270mm H45mm.
Inner size W380mm D255mm H40mm.



#### 0112012

Diamond Knife tray with silicone grip for 1 knife. Outer size W160mm D70mm H25mm. Inner size W150mm D60mm H20mm.



#### 0112016

Tray holds 1 - 2 instruments with silicone finger matting. Outer size W160mm D70mm H25mm. Inner size W150mm D60mm H20mm.



## 0112017

Tray holds 3 instruments with silicone finger matting. Outer size W175mm D110mm H25mm. Inner size W160mm D100mm H20mm.



#### 0112018

Tray holds 3 instruments with silicone finger matting. Outer size W200mm D110mm H25mm. Inner size W190mm D100mm H20mm.

Number of instruments per tray is a guide only.

#### Polymer – removable lid

## 0112003

Tray holds 12 instruments with 3 strips of silicone finger matting. Outer size W220mm D210mm H30mm. Inner size W200mm D200mm H25mm.



#### 0112002

Tray holds 20 instruments with 4 strips of silicone finger matting. Outer size W385mm D270mm. H30mm Inner size W365mm D260mm H25mm.

#### 0112004

Tray with 2 areas. Area 1 holds 20 instruments with 4 strips of silicone finger matting. Size W280mm D260mm H25mm.

Area 2 With silicone finger matting accommodates larger items such as a phaco handpiece, size W260mm D160mm H50mm.

Total size of tray outer W510mm D270mm H70mm. Inner W500mm D260mm H65mm.



Number of instruments per tray is a guide only.

## **VETERINARY OPHTHALMIC INSTRUMENTS**

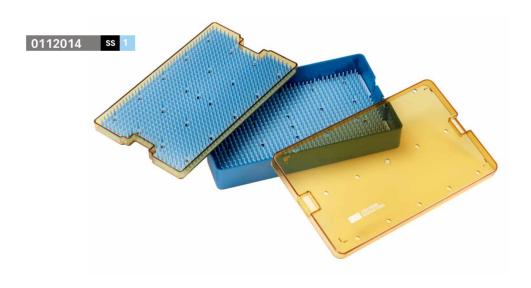
The following section shows basic veterinary surgery sets and recommended additions you may wish to add to a set. Please contact us on +44 (0) 1279 414969 if you require further information.



CODE	NAME	FUNCTION	ANIMAL	No*	PAGE No
0101285 S	Francis toothed forceps	General use	R Mc P K	1	18
0101298 S	Graefe locking forceps	Muscle gripping	ALL	1	18
0101543 S	Moorfields serrated forceps	General use	ALL	1	1
0204134 S	Adsons toothed forceps	General use	R Mc P K	1	17
0204132 S	Adsons toothed forceps	General use	R Mc P K	1	4
0101472 S	Halsted Mosquito forceps, straight	Haemostasis	R Mc P K	3	29
0101473 S	Halsted Mosquito forceps, straight	Haemostasis	R Mc P K	3	29
0101464 S	Serrafine clip, curved	Suture clip	ALL	2	31
0101462 S	Serrafine clip, straight	Suture gripping	ALL	2	31
0103204 S	Excision scissors, straight with rounded tips	General use	R Mc P K	1	49
0103203 S	Excision scissors, straight with rounded tips	General use	R Mc P K	1	49
0104136V S	Cope retractor, screw action	Self retaining	НВ	1	113
0112014 S	Instrument tray 260mm x 160mm x 45mm	Holds approx. 20 instruments	ALL	1	108
0114200 S	Scalpel blade handle #3	for No.15 blades	ALL	1	94

<sup>\*</sup> Recommended number of instruments per basic set

ANIMAL KEY: Rabbit (R) Macaw (Mc) Puppy (P) Kitten (K) Hamster (H) Budgerigar (B) Snake (S) Mouse (M)



# Addition of the following will allow for surgery on smaller animals such as budgerigars, hamsters and mice

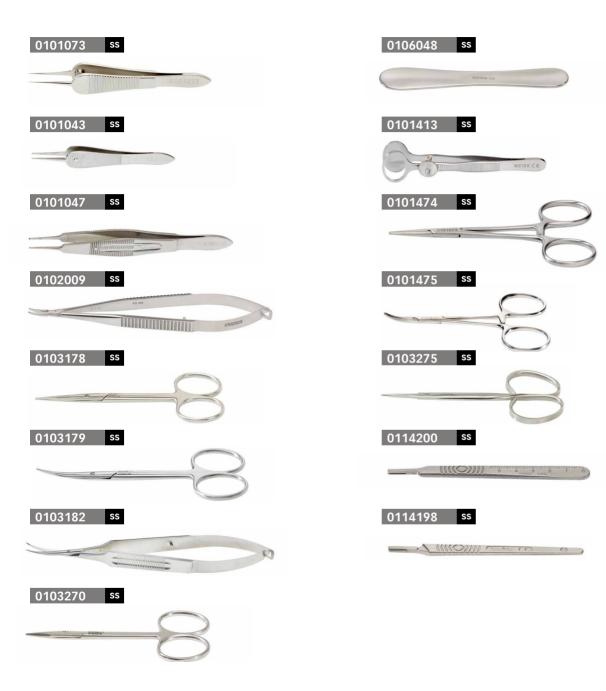
CODE	NAME	FUNCTION	ANIMAL	No*	PAGE No
0101290	S Elschnig toothed forceps	General use	НВ	1	18
0101015 S	S Castroviejo platform forceps	Suture tying	НВ	1	7
0101474	S Wells artery forceps, straight	Haemostasis	НВ	1	29
0101475	S Wells artery forceps, curved	Haemostasis	НВ	2	29
0103227	S Scissors, straight with sharp pointed tips	General use	ALL	2	48
0104135	S Sauer spring speculum	Self retaining	НВ	1	64

<sup>\*</sup> Recommended number of instruments per basic set are shown in the blue box

## **Miscellaneous Extras – Disposables**

CODE	NAME	QUANTITY	ANIMAL	PAGE No
0101290 S	S Swabsticks 10/pkt	20/box	All	125
0101015 S	S Swab strips 10/pkt	20/box	All	125
0101474 S	S Disposable low heat cautery	10/box	All	128

CODE	NAME	FUNCTION	ANIMAL	PAGE No
0104133 ss	Jaffe retractors, pair of large	Attach string to make adjustable	R Mc P K	68
0104132 SS	Jaffe retractors, pair of small	Attach string to make adjustable	НВ	65
0103106 ss	Vannas scissors, curved	Ultra fine	НВ	41
0103105 ss	Vannas scissors, straight	Ultra fine	НВ	40
0103182 SS	Westcott scissors, curved with wide handle and rounded tips	Blunt dissection	R Mc P K	42
0103172 ss	Westcott scissors, curved with fine rounded tips	General use	R Mc P K	42
0102002 ss	Castroviejo needle holder, straight, locking	Suturing	ALL	36
0102005 SS	Castroviego needle holder, with straight heavy jaws, locking	Suturing	ALL	36
0107012 ss	Desmarres retractor, small 12mm blade	Tissue retractor	НВ	83
0107013 ss	Desmarres retractor, medium 13mm blade	Tissue retractor	All	83
0107014 SS	Desmarres retractor, medium 15mm blade	Tissue retractor	R Mc P K	83
0107052 SS	Knapp retractor with 4 blunt prongs	Tissue retractor	ALL	83
0107059 SS	Rollet retractor with 4 sharp prongs	Tissue retractor	ALL	83
0107092 SS	Fison retractor with 20mm blade	Deep retraction	R Mc P K	82
0114215 SS	Sharp spoon, small 3x2.2mm cup	Curette	All	71
0108062 SS	Snellen vectis probe	removal of stones, eggs etc	All	62
0108064 SS	Landolt vectis probe	removal of stones, eggs etc	НВ	62
0108070 ss	Fine vectis probe	removal of stones, eggs etc	All	62
0120308 SS	Friedman bone nibbler, curved		R Mc P K	93
0114312 SS	Mallet		All	94
0114299 SS	Rollet double ended rugine / periostial elevator		All	93
0114262 SS	Freer double ended sharp / blunt periosteal elevator		All	93
0114263 SS	Traquair double ended periostial elevator		All	93
0114084 SS	Straight chisel 3mm		All	85
0114103 SS	Straight chisel 5mm		All	85
0114186 SS	Straight chisel 3mm		All	85
0114105 SS	Straight chisel 5mm		All	85
0114107 SS	Straight chisel 7mm		All	85
0112013 SS	Tray 250x150x20mm for approx 10 instruments			108



## For general surgery including lids, entropian/ectropian, 3 snip and removal of lid lesions

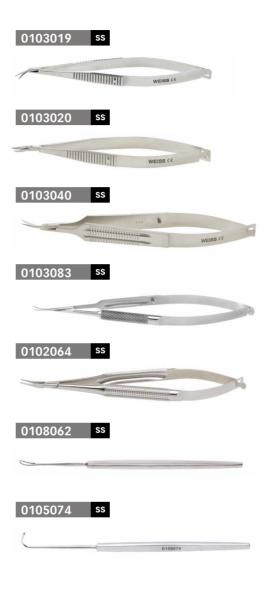
CODE	NAME	FUNCTION	PAGE No
0101073	St Martin forceps 0.15mm teeth	Tissue holding e.g. conjunctiva	15
0101043	St Martin forceps 0.3mm teeth	Tissue holding	16
0101047	Castroviejo forceps 0.5mm teeth, wide handled	Tissue holding	17
0102009	Castroviejo needle holder, curved, no catch	General suturing	34
0103178	Stevens tenotomy scissors, straight with rounded tips	General use	47
0103179	Stevens tenotomy scissors, curved with rounded tips	General use	47
0108082	Westcott scissors, curved with rounded tips	General use spring scissors	42
0103270	Fine sharp scissors	Punctum 3-snip	50
0105036	SS Lacrimal dilator	Punctum finder/dilator	77
0106048	Lid plate	Stabilise lid e.g. entropian surgery	73
0101413	Chalazion clamp (Birmingham)	Excision chalazion/ lid lumps	69
0114200	Scalpel blade handle #3	For #15 blades	94
0114198	Scalpel blade handle #9	For #11 blades	94
0101474	Wells artery forceps, straight	Haemostasis	29
0101475	Wells artery forceps, curved	Haemostasis	29
0103275	Utility scissors	reCutting drape etc.	50

# Extras – the following instruments may be substituted or added to the extraocular set according to surgeon preference and range of surgery performed

0101543 SS	Moorfields serrated forceps	General purpose forceps	1
0204134 SS	Adsons toothed forceps	General use	17
0204132 SS	Adsons serrated forceps	General use	4
0204147 SS	Backhaus towel clip	Fixing drape etc	30
0104142 SS	Lieberman K wire speculum	Adjustable lid speculum	67
0101589 SS	Towel clamp	Fixing drape etc	30
0101472 SS	Halsted Mosquito forceps, straight	Haemostasis	29
0101473 SS	Halsted Mosquito forceps, curved	Haemostasis	29
0101464 SS	Serrafine clip, curved	Suture gripping	31
0101462 SS	Serrafine clip, fine, straight	Suture gripping	31
0109522 Ti	Scleral indentor/depressor	Examination retina/retinal breaks	99
0101265 SS	Bennett cilia forceps	Epilation	26
0102002 SS	Castroviejo needle holder, straight, locking	Suturing	95
0102005 SS	Castroviego needle holder, with straight heavy jaws, locking	Suturing	36

Intraocular





#### For intraocular surgery such as cataract extraction, also suitable for corneal surgery

CODE	NAME	FUNCTION	PAGE No
0101073 SS	St Martin forceps 0.15mm teeth	Tissue holding e.g. cornea	15
0101079 SS	Castroviejo colibri forceps 0.12mm teeth	Tissue holding	14
0101015 SS	Castroviejo forceps with platform	Suture tying	7
0104083 SS	Kratz barraquer speculum	Sliding / adjustable	66
0101009 SS	Rycroft forceps, straight	For IOL cartridge loading	8
0101564 SS	Utrata forceps	Capsulorhexis	23
0109316 Ti	Mushroom manipulator	Controling lens nucleus/phaco	55
0109222 Ti	Drysdale manipulator	Controling lens nucleus/phaco	53
0109301 Ti	Phaco chopper	Phaco chop technique	51
0103019 ss	Katzin corneal scissors	Right cutting	44
0103020 ss	Katzin corneal scissors	Left cutting	44
0103040 SS	Castroviejo corneal scissors	Miniature corneal scissors	44
0103083 SS	Long curved vannas scissors	Capsulotomy	45
0102064 SS	Troutman Tritt needle holder, curved no catch	Suturing	35
0108062 SS	Snellen Vectis	Lens support/removal	62
0105074 SS	Graefe hook	Lens expressor	60

Extras – the following instruments may be substituted or added to the intraocular set according to surgeon preference and range of surgery performed. For other alternatives please see main catalogue.

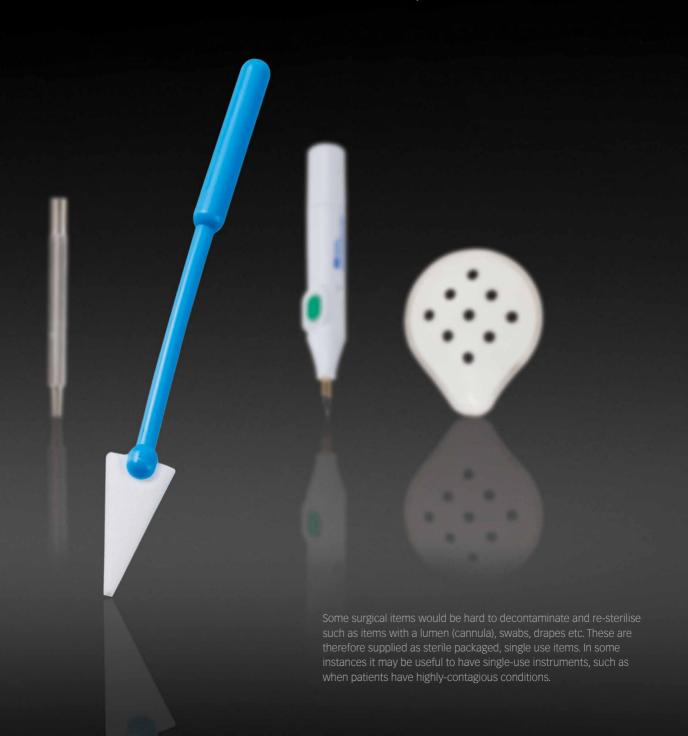
0102011 SS	Castroviejo needle holder curved, no catch	Fine	34
0103106 SS	Vannas scissors, curved	Ultra fine	41
0103105 SS	Adsons Vannas scissors, straight	Ultra fine	40
0103085 SS	Ongs scissors, angled	Capsulotomy	45
0109310 Ti	Chopper extra long	Phaco chop technique	51
0109135 Ti	Weiss standard capsulorhexis forceps	Capsulorhexis	22

Single use items such as swab sticks, drapes and knives are also available from John Weiss please see the Single Use section, pages 121-128 for our full range or contact us at info.unitedkingdom@haag-streit.com

Storing your micro instruments in purpose designed trays will protect your investment. See pages 108-110 for the full range of John Weiss sterilisation trays

# Single use

Cannulae, Drapes, Sponges, Wipes & Wicks, Eye Shields and Patches, Cautery



## Sterile wrapped 1 drape/packet; 10 packets/box

## 1601072-R

DRAPE OPH BLUE REG INISE Overall size: W 1300mm x L 1150mm Incise area: W 100mm x L 80mm Fluid bag: W 200mm x L 300mm



Intraocular



### QCE092A

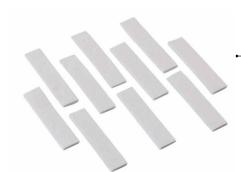
WeissCEL spears - cellulose spears 7mm x 15mm on sticks. 70mm overall length. 10 spears/packet; 20 packets/box

## 0111001

Sugi swabs - cellulose triangles 7mm x 16mm. 10 swabs/packet; 20 packets/box



Sugi spears - cellulose triangles 7mm x 16mm on sticks. 70mm overall length. 10 spears/packet; 20 packets/box



## 0111008

Sugi strips - cellulose rectangles 7mm x 35mm. 10 swabs/packet; 20 packets/box

# Eye shields and patches

## ES/100/B

Universal eye shield adult, 78mm x 64mm, fits both right and left eye. Sterile, 1 shield/packet; 100 packets/box



## ES/100/WR

Eye Shield adult, 84mm x 62mm for right eye. Sterile, 1 shield/packet; 100 packets/box



## ES/100/WL

Eye Shield adult, 84mm x 62mm for left eye. Sterile, 1 shield/packet; 100 packets/box



### 0120300

Eye patch adult, black silk with elastic, 70mm x 60mm, fits both right and left eye. Non-sterile, 10 shields/box





## 0111122

Weiss cautery, low heat, temperature at activation 704°C (1300°F). Overall length 125mm without cap –147mm with cap. 1 cautery/packet; 10 packets/box

## **Instrument Care**

Each John Weiss instrument is hand-crafted with meticulous care and has to pass a final 100% inspection before being released. By following the Reprocessing Instructions provided with each new instrument and by correct handling, you will protect your investment and ensure that your John Weiss instruments remain in prime condition for many years.

### Care of delicate surgical instruments starts on delivery

Carefully remove your new instruments from their boxes and examine under magnification to be assured they are in perfect condition.\*

Once you have examined and are happy with the instruments they should be cleaned carefully using specialist instrument wipes (see Single Use section, code No.: **1701010**) and placed in a sterilising tray designed for micro-surgical instruments (see Specialist section for the John Weiss range).

Diamond knives and other specialist instruments may require specific attention – please refer to the separate guidelines which will be provided for these. For the latest information and a copy of our validated Reprocessing Instructions, please refer to our website, **www.haagstreituk.com**.

\*In the unlikely event that you are unhappy with your instruments in any way, you should notify us **immediately** on **+44 (0)1279 414969** or email **info.unitedkingdom@haag-streit.com**.