

## EUROPEAN BIPOLAR FORCEPS

**McPHERSON**  
310 - 100



**McPHERSON (ANGLED)**  
310 - 102



**JEWELER # 5**  
310 - 110



**JEWELER # 5 (ANGLED)**  
310 - 112



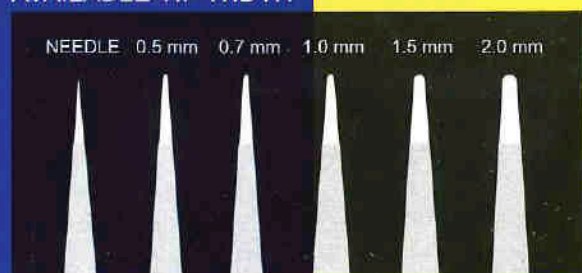
**JEWELER # 7**  
310 - 115



**ADSON**  
310 - 300



### AVAILABLE TIP WIDTH



Always Specify Tip Width

| CAT #   | DESCRIPTION          | TIP (mm) | SIZE            |
|---------|----------------------|----------|-----------------|
| 310-100 | McPherson            | 0.5      | 4" (10.2cm)     |
| 310-102 | McPherson (Angled)   | 0.5      | 4" (10.2cm)     |
| 310-110 | Jeweler # 5          | 0.5, 0.7 | 4 1/2" (11.5cm) |
| 310-112 | Jeweler # 5 (Angled) | 0.5, 0.7 | 4 1/2" (11.5cm) |
| 310-115 | Jeweler # 7          | 0.5, 0.7 | 4 1/2" (11.5cm) |
| 310-300 | Adson                | 1.0      | 4 3/4" (12.1cm) |
| 310-310 | Adson                | 1.0      | 6" (15.0cm)     |

For your convenience, you can add the following extensions for tip size at the end of Cat #, Needle Tip (-00), 0.5 mm (-05), 1.0 mm (-10) and 2.0 mm (-20)

## EUROPEAN BIPOLAR FORCEPS

**STRAIGHT**  
310 - 120



**STRAIGHT**  
310 - 130



**STRAIGHT**  
310 - 140



**STRAIGHT**  
310 - 150



**STRAIGHT  
(ANGLED)**  
310 - 122



**STRAIGHT  
(ANGLED)**  
310 - 132



**STRAIGHT  
(ANGLED)**  
310 - 142



**STRAIGHT  
(ANGLED)**  
310 - 152



| CAT #   | DESCRIPTION       | TIP (mm)      | SIZE            |
|---------|-------------------|---------------|-----------------|
| 310-120 | Straight          | 0.5, 1.0, 2.0 | 6" (15.0cm)     |
| 310-130 | Straight          | 0.5, 1.0, 2.0 | 7" (18.0cm)     |
| 310-140 | Straight          | 0.5, 1.0, 2.0 | 7 3/4" (20.0cm) |
| 310-150 | Straight          | 0.5, 1.0, 2.0 | 8 3/4" (22.0cm) |
| 310-260 | Straight          | 0.5, 1.0, 2.0 | 9 1/2" (24.0cm) |
| 310-122 | Straight (Angled) | 0.5, 1.0, 2.0 | 6" (15.0cm)     |
| 310-132 | Straight (Angled) | 0.5, 1.0, 2.0 | 7" (18.0cm)     |
| 310-142 | Straight (Angled) | 0.5, 1.0, 2.0 | 7 3/4" (20.0cm) |
| 310-152 | Straight (Angled) | 0.5, 1.0, 2.0 | 8 3/4" (22.0cm) |
| 310-262 | Straight (Angled) | 0.5, 1.0, 2.0 | 9 1/2" (24.0cm) |

For your convenience, you can add the following extensions for tip size at the end of Cat #, Needle Tip (-00), 0.5 mm (-05), 1.0 mm (-10) and 2.0 mm (-20)

**NOW  
240  
mm  
AVAILABLE**



## EUROPEAN BIPOLAR FORCEPS

**BAYONET**  
310 - 160

**BAYONET**  
310 - 170

**BAYONET**  
310 - 180

**BAYONET  
(ANGLED UP)**  
310 - 162

**BAYONET  
(ANGLED UP)**  
310 - 172

**BAYONET  
(ANGLED UP)**  
310 - 182

**BAYONET  
(ANGLED DOWN)**  
310 - 165

**BAYONET  
(ANGLED DOWN)**  
310 - 175

**BAYONET  
(ANGLED DOWN)**  
310 - 185



| CAT #   | DESCRIPTION           | TIP (mm)      | SIZE            |
|---------|-----------------------|---------------|-----------------|
| 310-160 | Bayonet               | 0.5, 1.0, 2.0 | 6 1/2" (16.5cm) |
| 310-170 | Bayonet               | 0.5, 1.0, 2.0 | 7" (18.0cm)     |
| 310-180 | Bayonet               | 0.5, 1.0, 2.0 | 7 3/8" (20.0cm) |
| 310-190 | Bayonet               | 0.5, 1.0, 2.0 | 8 3/4" (22.0cm) |
| 310-200 | Bayonet               | 0.5, 1.0, 2.0 | 9 1/2" (24.0cm) |
| 310-162 | Bayonet (Angled Up)   | 0.5, 1.0, 2.0 | 6 1/2" (16.5cm) |
| 310-172 | Bayonet (Angled Up)   | 0.5, 1.0, 2.0 | 7" (18.0cm)     |
| 310-182 | Bayonet (Angled Up)   | 0.5, 1.0, 2.0 | 7 3/8" (20.0cm) |
| 310-192 | Bayonet (Angled Up)   | 0.5, 1.0, 2.0 | 8 3/4" (22.0cm) |
| 310-202 | Bayonet (Angled Up)   | 0.5, 1.0, 2.0 | 9 1/2" (24.0cm) |
| 310-165 | Bayonet (Angled Down) | 0.5, 1.0, 2.0 | 6 1/2" (16.5cm) |
| 310-175 | Bayonet (Angled Down) | 0.5, 1.0, 2.0 | 7" (18.0cm)     |
| 310-185 | Bayonet (Angled Down) | 0.5, 1.0, 2.0 | 7 3/8" (20.0cm) |
| 310-195 | Bayonet (Angled Down) | 0.5, 1.0, 2.0 | 8 3/4" (22.0cm) |
| 310-205 | Bayonet (Angled Down) | 0.5, 1.0, 2.0 | 9 1/2" (24.0cm) |

**NOW  
22.0  
24.0  
cm  
AVAILABLE**

For your convenience, you can add the following extensions for tip size at the end of Cat #, Needle Tip (-00), 0.5 mm (-05), 1.0 mm (-10) and 2.0 mm (-20)

## IRRIGATION BIPOLAR FORCEPS

**BAYONET**  
310 - 160 - IR



**BAYONET**  
310 - 180 - IR



**STRAIGHT**  
310 - 150 - IR



**STRAIGHT**  
310 - 120 - IR



Any European  
bipolar forceps can be converted  
into "Irrigation Bipolar Forceps" as shown  
in previous pages. Add extension "IR"  
at the end.



**Ag-Tech**  
Non-Stick

## Bipolar Forceps

No more undesirable tissue sticking during coagulation procedure. Thanks to Tecno new **Ag-Tech** non-stick technology, the forceps stay clean-virtually eliminating the need for cleaning during coagulation. By applying a material with excellent thermal properties for the tips which prevents the sticking of tissues, the non-stick effect is permanent and will not reduce with the use of forceps.



**Adson**  
110-200 NS

**Semkin**  
110-230 NS

**Scoville-Greenwood**  
110-430 NS

**Gerald Bayonet**  
110-320 NS

**Yasargil**  
110-440 NS

More designs are available in Non-Stick Bipolar Forceps.  
Use "NS" extension to any regular Bipolar Forceps for  
conversion into Non-Stick Bipolar Forceps.  
Available tip size 0.7mm, 1.0mm, 1.5mm and 2.0mm.

**Ag-Tech**  
Non-Stick

## Ag-Tech **European Bipolar Forceps**

Non-Stick

No more undesirable tissue sticking during coagulation procedure. Thanks to Tecno new Ag-Tech non-stick technology, the forceps stay clean-virtually eliminating the need for cleaning during coagulation. By applying a material with excellent thermal properties for the tips which prevents the sticking of tissues, the non-stick effect is permanent and will not reduce with the use of forceps.



**Straight**  
**310-120 NS**

**Bayonet**  
**310-160 NS**

**Bayonet**  
**310-180 NS**

**Straight**  
**310-140 NS**

**Straight**  
**310-142 NS**

More designs are available in Non-Stick Bipolar Forceps.  
Use "NS" extension to any regular Bipolar Forceps for  
conversion into Non-Stick Bipolar Forceps.  
Available tip size 0.7mm, 1.0mm, 1.5mm and 2.0mm.

**Ag-Tech**  
Non-Stick

REV-0



**McPHERSON (Str.)**  
110 - 100  
120 - 100

**McPHERSON (Crv.)**  
110 - 110  
120 - 110

**COAPTATION NADLER**  
110 - 120  
120 - 120

**COAPTATION**  
110 - 130  
120 - 130

**JEWELER # 5**  
110 - 140  
120 - 140

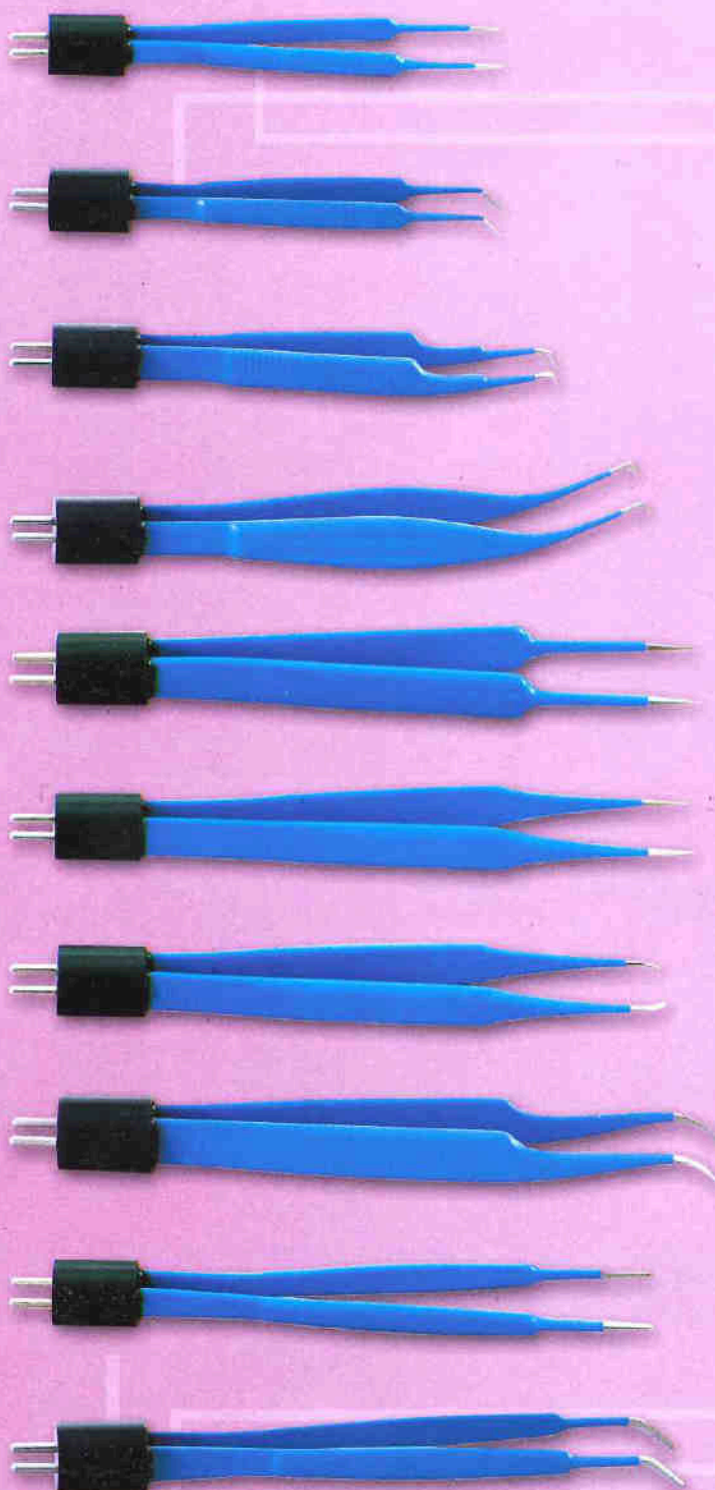
**JEWELER # 4**  
110 - 150  
120 - 150

**TENZEL**  
110 - 160  
120 - 160

**JEWELER # 7**  
110 - 170  
120 - 170

**IRIS (Str.)**  
110 - 180  
120 - 180

**IRIS (Crv.)**  
110 - 190  
120 - 190



| CAT #   | DESCRIPTION       | STYLE         | TIP (mm)   | SIZE            | CAT #   | DESCRIPTION | STYLE         | TIP (mm)   | SIZE            |
|---------|-------------------|---------------|------------|-----------------|---------|-------------|---------------|------------|-----------------|
| 110-100 | McPherson (str.)  | Insulated     | 0.5        | 3 1/2" (9.0cm)  | 110-150 | Jeweler # 4 | Insulated     | Micro, 0.5 | 4 1/2" (11.5cm) |
| 120-100 | McPherson (str.)  | Non-Insulated | 0.5        | 3 1/2" (9.0cm)  | 120-150 | Jeweler # 4 | Non-Insulated | Micro, 0.5 | 4 1/2" (11.5cm) |
| 110-110 | McPherson (crv.)  | Insulated     | 0.5        | 3 1/2" (9.0cm)  | 110-160 | Tenzel      | Insulated     | Micro, 0.5 | 4" (10.2cm)     |
| 120-110 | McPherson (crv.)  | Non-Insulated | 0.5        | 3 1/2" (9.0cm)  | 120-160 | Tenzel      | Non-Insulated | Micro, 0.5 | 4" (10.2cm)     |
| 110-120 | Coaptation Nadler | Insulated     | 0.5        | 4" (10.2cm)     | 110-170 | Jeweler # 7 | Insulated     | Micro, 0.5 | 4 1/2" (11.5cm) |
| 120-120 | Coaptation Nadler | Non-Insulated | 0.5        | 4" (10.2cm)     | 120-170 | Jeweler # 7 | Non-Insulated | Micro, 0.5 | 4 1/2" (11.5cm) |
| 110-130 | Coaptation        | Insulated     | 0.5        | 4 1/4" (10.8cm) | 110-180 | Iris (str.) | Insulated     | 1.0        | 4 1/4" (10.8cm) |
| 120-130 | Coaptation        | Non-Insulated | 0.5        | 4 1/4" (10.8cm) | 120-180 | Iris (str.) | Non-Insulated | 1.0        | 4 1/4" (10.8cm) |
| 110-140 | Jeweler # 5       | Insulated     | Micro, 0.5 | 4 1/2" (11.5cm) | 110-190 | Iris (crv.) | Insulated     | 1.0        | 4 1/4" (10.8cm) |
| 120-140 | Jeweler # 5       | Non-Insulated | Micro, 0.5 | 4 1/2" (11.5cm) | 120-190 | Iris (crv.) | Non-Insulated | 1.0        | 4 1/4" (10.8cm) |

For your convenience, you can add the following extensions for tip size at the end of Cat #,  
Needle Tip (-00), 0.5 mm (-05), 1.0 mm (-10) and 2.0 mm (-20)

# PLASTIC & RECONSTRUCTIVE BIPOLAR FORCEPS

**ADSON**  
110 - 200  
120 - 200

**SEMKIN**  
110 - 220  
120 - 220

**CUSHING**  
110 - 230  
120 - 230

**CUSHING**  
110 - 235  
120 - 235

**CUSHING  
(GURSH)**  
110 - 240  
120 - 240

**GERALD (Str.)**  
110 - 300  
120 - 300

**GERALD (Crv.)**  
110 - 300  
120 - 300

**GERALD  
BAYONET**  
110 - 320  
120 - 320



| CAT #   | DESCRIPTION    | STYLE         | TIP (mm) | SIZE                        |
|---------|----------------|---------------|----------|-----------------------------|
| 110-200 | Adson          | Insulated     | 1.0      | 4 <sup>3/4</sup> " (12.1cm) |
| 120-200 | Adson          | Non-Insulated | 1.0      | 4 <sup>3/4</sup> " (12.1cm) |
| 110-220 | Semkin         | Insulated     | 0.5      | 5 <sup>1/2</sup> " (14.0cm) |
| 120-220 | Semkin         | Non-Insulated | 0.5      | 5 <sup>1/2</sup> " (14.0cm) |
| 110-230 | Cushing        | Insulated     | 1.0, 1.5 | 6 <sup>1/4</sup> " (15.9cm) |
| 120-230 | Cushing        | Non-Insulated | 1.0, 1.5 | 6 <sup>1/4</sup> " (15.9cm) |
| 110-235 | Cushing        | Insulated     | 1.0, 2.0 | 7" (17.8cm)                 |
| 120-235 | Cushing        | Non-Insulated | 1.0, 2.0 | 7" (17.8cm)                 |
| 110-240 | Cushing(Gursh) | Insulated     | 2.0      | 7" (17.8cm)                 |
| 120-240 | Cushing(Gursh) | Non-Insulated | 2.0      | 7" (17.8cm)                 |
| 110-300 | Gerald (str.)  | Insulated     | 1.0, 1.5 | 7" (17.8cm)                 |
| 120-300 | Gerald (str.)  | Non-Insulated | 1.0, 1.5 | 7" (17.8cm)                 |
| 110-310 | Gerald (crv.)  | Insulated     | 1.0, 1.5 | 7" (17.8cm)                 |
| 120-310 | Gerald (crv.)  | Non-Insulated | 1.0, 1.5 | 7" (17.8cm)                 |
| 110-320 | Gerald Bayonet | Insulated     | 1.0, 1.5 | 7 <sup>3/4</sup> " (18.4cm) |
| 120-320 | Gerald Bayonet | Non-Insulated | 1.0, 1.5 | 7 <sup>3/4</sup> " (18.4cm) |

For your convenience, you can add the following extensions for tip size at the end of Cat #,  
Needle Tip (-00), 0.5 mm (-05), 1.0 mm (-10) and 2.0 mm (-20)



# NEUROSURGICAL BIPOLAR FORCEPS

**JANSEN  
BAYONET**  
110 - 350  
120 - 350

**JANSEN  
BAYONET**  
110 - 360  
120 - 360  
110 - 370  
120 - 370

**MALIS**  
110 - 400  
120 - 400

**SCOVILLE  
GREENWOOD**  
110 - 430  
120 - 430

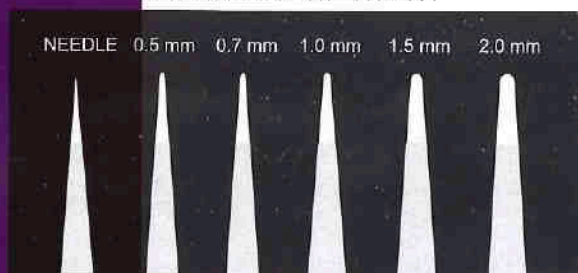
**YASARGIL**  
110 - 440  
120 - 440

**HARDY  
BAYONET**  
110 - 460  
120 - 460

**HARDY  
BAYONET  
(Angled)**  
110 - 470  
120 - 470



## AVAILABLE TIP WIDTH



Always Specify Tip Width

| CAT #   | DESCRIPTION         | STYLE         | TIP (mm)      | SIZE            |
|---------|---------------------|---------------|---------------|-----------------|
| 110-350 | Jansen Bayonet      | Insulated     | 0.5, 1.0, 1.5 | 6" (15.2cm)     |
| 120-350 | Jansen Bayonet      | Non-Insulated | 0.5, 1.0, 1.5 | 6" (15.2cm)     |
| 110-360 | Jansen Bayonet      | Insulated     | 0.5, 1.0, 1.5 | 7" (17.8cm)     |
| 120-360 | Jansen Bayonet      | Non-Insulated | 0.5, 1.0, 1.5 | 7" (17.8cm)     |
| 110-370 | Jansen Bayonet      | Insulated     | 1.0, 1.5, 2.0 | 8" (20.4cm)     |
| 120-370 | Jansen Bayonet      | Non-Insulated | 1.0, 1.5, 2.0 | 8" (20.4cm)     |
| 110-400 | Malis               | Insulated     | 0.5, 1.0, 2.0 | 7" (17.8cm)     |
| 120-400 | Malis               | Non-Insulated | 0.5, 1.0, 2.0 | 7" (17.8cm)     |
| 110-430 | Scoville-Greenwood  | Insulated     | 1.0, 1.5      | 7 1/2" (19.1cm) |
| 120-430 | Scoville-Greenwood  | Non-Insulated | 1.0, 1.5      | 7 1/2" (19.1cm) |
| 110-440 | Yasargil            | Insulated     | 1.0, 1.5      | 7 3/4" (19.7cm) |
| 120-440 | Yasargil            | Non-Insulated | 1.0, 1.5      | 7 3/4" (19.7cm) |
| 110-460 | Hardy Bayonet       | Insulated     | 1.0           | 8 1/2" (21.6cm) |
| 120-460 | Hardy Bayonet       | Non-Insulated | 1.0           | 8 1/2" (21.6cm) |
| 110-470 | Hardy Bayonet(ang.) | Insulated     | 1.0           | 8 1/2" (21.6cm) |
| 120-470 | Hardy Bayonet(ang.) | Non-Insulated | 1.0           | 8 1/2" (21.6cm) |

# MONOPOLAR FORCEPS

**JEWELER # 4**  
110 - 500



**JEWELER # 7**  
110 - 510



**ADSON**  
110 - 520



**POTTS-SMITH**  
110 - 530



**POTTS-SMITH**  
110 - 540  
110 - 550



**JANSEN BAYONET**  
110 - 560  
110 - 570



**JANSEN BAYONET**  
110 - 580  
110 - 590



**JANSEN BAYONET (Upward Tip)**  
110 - 582  
110 - 592



| CAT #   | DESCRIPTION                        | STYLE     | TIP (mm) | SIZE            |
|---------|------------------------------------|-----------|----------|-----------------|
| 110-500 | Jeweler # 4                        | Insulated | Micro    | 4 1/8" (11.5cm) |
| 110-510 | Jeweler # 7                        | Insulated | Micro    | 4 1/2" (11.5cm) |
| 110-520 | Adson                              | Insulated | 1.0      | 4 3/4" (12.1cm) |
| 110-530 | Potts-Smith                        | Insulated | 2.0      | 7" (17.8cm)     |
| 110-540 | Potts-Smith                        | Insulated | 2.0      | 8 1/4" (21.0cm) |
| 110-550 | Potts-Smith                        | Insulated | 2.0      | 9 1/2" (24.1cm) |
| 110-560 | Jansen Bayonet                     | Insulated | 1.5      | 5 1/4" (13.3cm) |
| 110-570 | Jansen Bayonet                     | Insulated | 1.5      | 6 1/4" (15.9cm) |
| 110-580 | Jansen Bayonet                     | Insulated | 2.0      | 7 1/2" (19.1cm) |
| 110-590 | Jansen Bayonet                     | Insulated | 2.0      | 8 1/4" (21.0cm) |
| 110-582 | Jansen Bayonet (Upward Curved tip) | Insulated | 2.0      | 7 1/2" (19.1cm) |
| 110-592 | Jansen Bayonet (Upward Curved tip) | Insulated | 2.0      | 8 1/4" (21.0cm) |

For your convenience, you can add the following extensions for tip size at the end of Cat #, Needle Tip (-00), 0.5 mm (-05), 1.0 mm (-10) and 2.0 mm (-20)



## MONOPOLAR HAND - SWITCH FORCEPS

HAND ACTUATED SWITCH

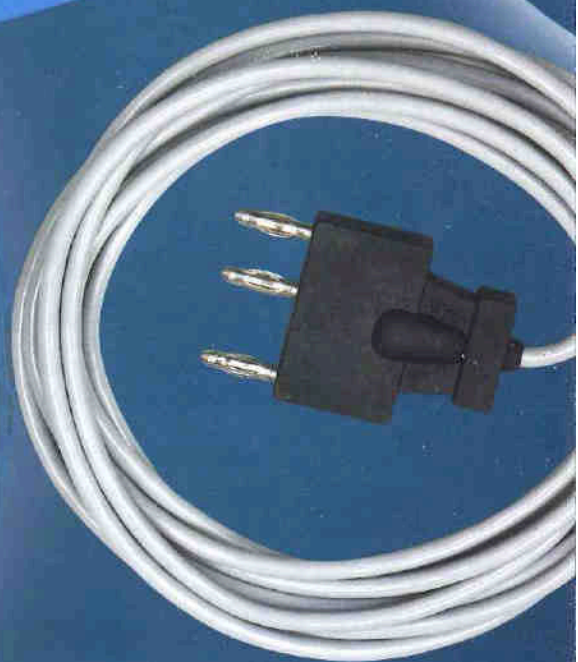
110 - 560 HS  
JANSEN BAYONET

110 - 580 HS  
JANSEN BAYONET

118 - 540 HS  
POTTS-SMITH

110 - 550 HS  
POTTS-SMITH

| Cat #     | Description    | Tip (mm) | Size             |
|-----------|----------------|----------|------------------|
| 110-560HS | Jansen Bayonet | 2.0      | 5 1/2" (14.0 cm) |
| 110-580HS | Jansen Bayonet | 2.0      | 7 1/2" (19.0 cm) |
| 110-590HS | Jansen Bayonet | 2.0      | 8 1/4" (21.0 cm) |
| 110-530HS | Potts-Smith    | 2.0      | 7" (18.0 cm)     |
| 110-540HS | Potts-Smith    | 2.0      | 8 1/4" (21.0 cm) |
| 110-550HS | Potts-Smith    | 2.0      | 9 1/2" (24.0 cm) |



## BIPOLAR HAND - SWITCH FORCEPS



110-150 HS



110-220 HS



110-370 HS



110-430 HS



3 Pin Connector

| Cat #     | Description        | Tip (mm) | Size             |
|-----------|--------------------|----------|------------------|
| 110-150HS | Jeweler #4         | 0.5      | 4 1/2" (11.5 cm) |
| 110-220HS | Samkin             | 0.75     | 5 1/2" (14.0 cm) |
| 110-370HS | Jansen Bayonet     | 0.75     | 7 1/2" (19.1 cm) |
| 110-430HS | Scoville-Greenwood | 1.5      | 7 3/4" (19.7 cm) |

More Bipolar Hand-switch forceps are available. Use "HS" extension to any regular bipolar forceps.

## BIPOLAR IRRIGATION FORCEPS



110-460 IR



110-370 IR



110-430 IR



110-320 IR



110-230 IR

| Cat #     | Description        | Tip (mm) | Size             |
|-----------|--------------------|----------|------------------|
| 110-460IR | Hardy Bayonet      | 1.5      | 8 1/2" (21.6 cm) |
| 110-370IR | Jansen Bayonet     | 1.5      | 7 1/2" (19.1 cm) |
| 110-430IR | Scoville-Greenwood | 1.5      | 7 3/4" (19.7 cm) |
| 110-320IR | Gerald Bayonet     | 1.0      | 7 1/4" (18.4 cm) |
| 110-230IR | Cushing            | 1.0      | 6 1/4" (15.9 cm) |

More Bipolar Irrigation forceps are available. Use "IR" extension to any regular bipolar forceps.