

## NEURO SURGERY



**RANEY**  
 P-0010-16 16.5cm



**RANEY**  
 P-0012-16 16.5cm



**DAHLGREN**  
 P-0020-20 20.0cm



**DE VILBISS**  
 P-0026-21 21.0cm



**MARTEL**  
 P-0030-33 33.0cm

## NEURO SURGERY



**GIGLI**  
P-0040-00



**OLIVECRONA**

|        | 2 twist   | 3 twist   | 4 twist   |
|--------|-----------|-----------|-----------|
| 30.0cm | P-0042-30 | P-0043-30 | P-0044-30 |
| 40.0cm | P-0042-40 | P-0043-40 | P-0044-40 |
| 50.0cm | P-0042-50 | P-0043-50 | P-0044-50 |
| 60.0cm | P-0042-60 | P-0043-60 | P-0044-60 |
| 70.0cm | P-0042-70 | P-0043-70 | P-0044-70 |



**CRUTCHFIELD**  
P-0050-01



**CRUTCHFIELD**  
P-0050-02

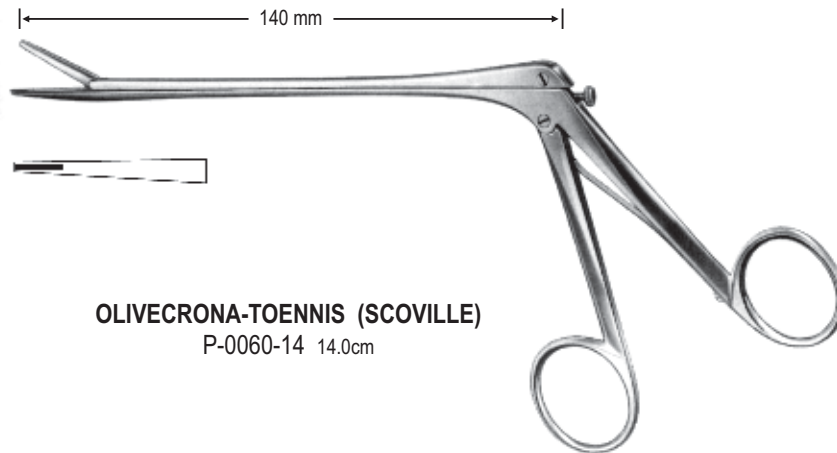


P-0050-04 3.5mm Ø  
P-0050-05 5mm Ø

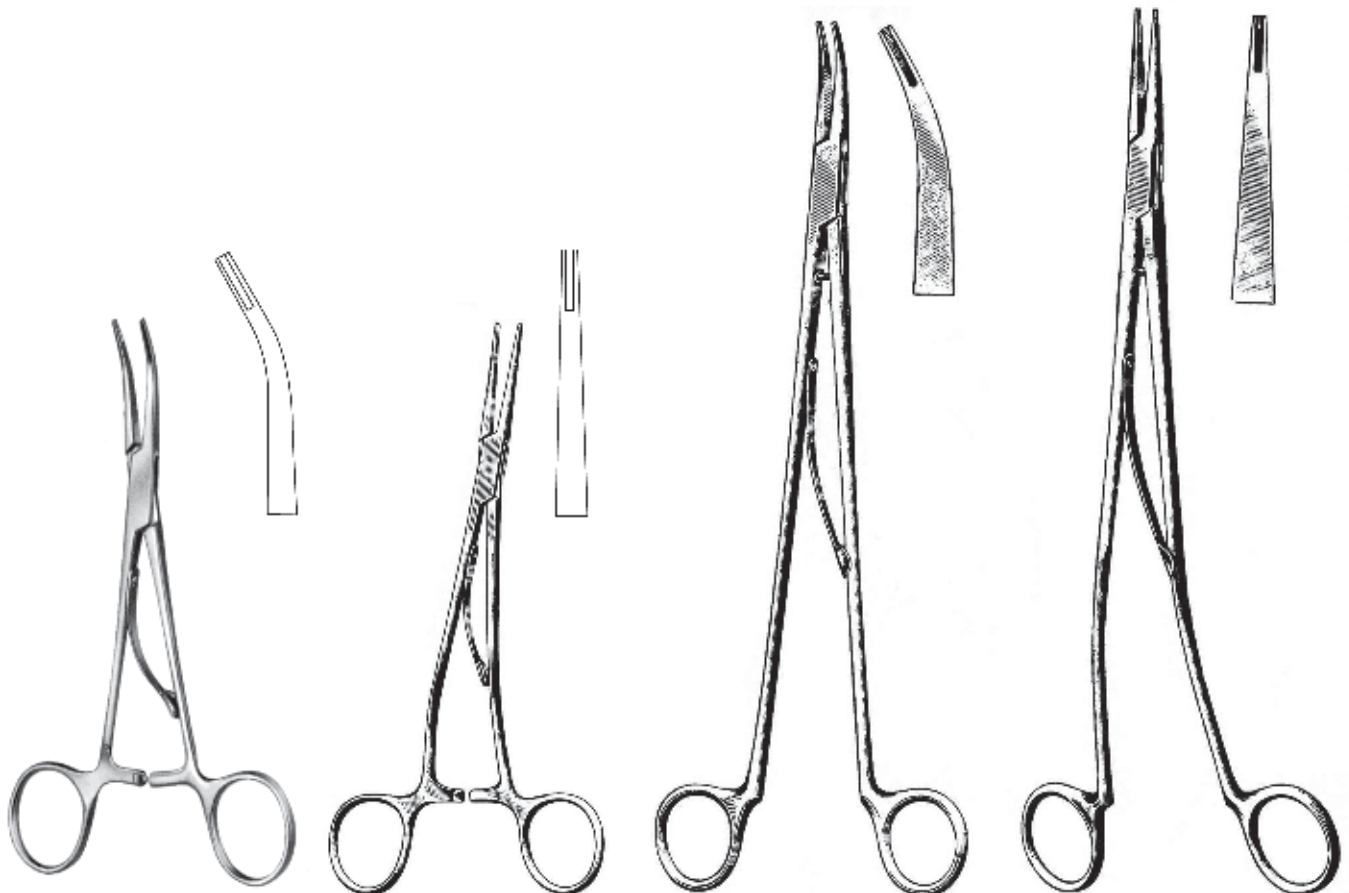


P-0054-00 complete  
P-0054-10 spare pins

## NEURO SURGERY



**OLIVECRONA-TOENNIS (SCOVILLE)**  
 P-0060-14 14.0cm



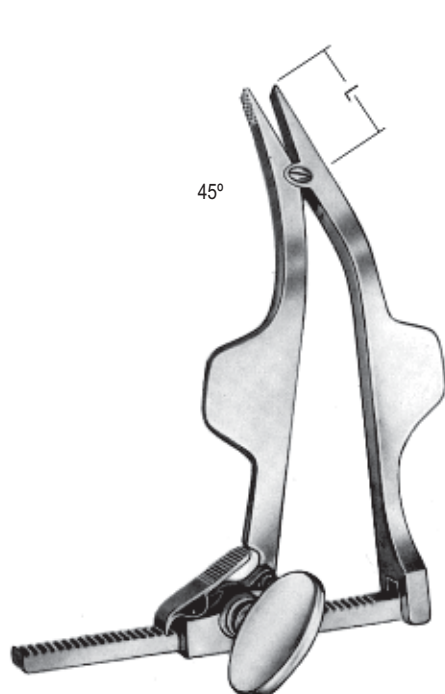
**MCKENZIE**  
 P-0070-15 15.0cm  
 P-0070-19 19.0cm

**MCKENZIE**  
 P-0072-15 15.0cm  
 P-0072-19 19.0cm

**SMITHWICK**  
 P-0080-23 23.0cm  
 P-0080-26 26.0cm

**SWEET**  
 P-0082-23 23.0cm  
 P-0082-25 25.0cm

## NEURO SURGERY



**CLOWARD**  
15.0cm



LENGTH

|           |       |           |
|-----------|-------|-----------|
| P-0090-30 | 30mm  | P-0092-30 |
| P-0090-50 | 50mm  | P-0092-50 |
| P-0090-70 | 70mm  | P-0092-70 |
| P-0090-90 | 90mm  | P-0092-90 |
| P-0090-10 | 110mm | P-0092-10 |



**CLOWARD**  
17.0cm



**CLOWARD**  
P-0096-16 16.0cm

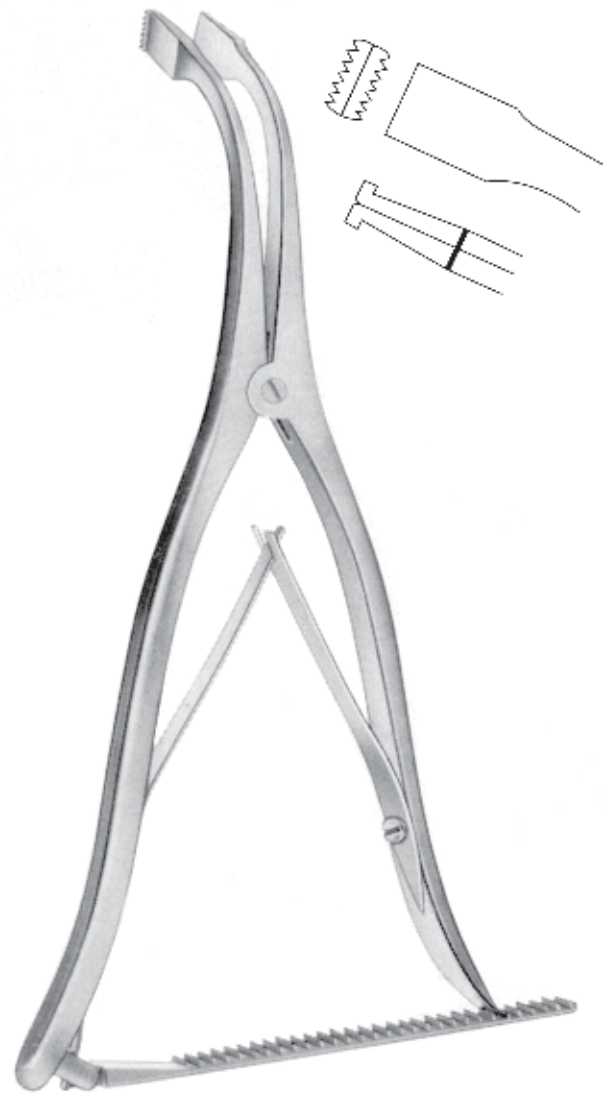


**INGE**  
P-0100-16 16.5cm

## NEURO SURGERY

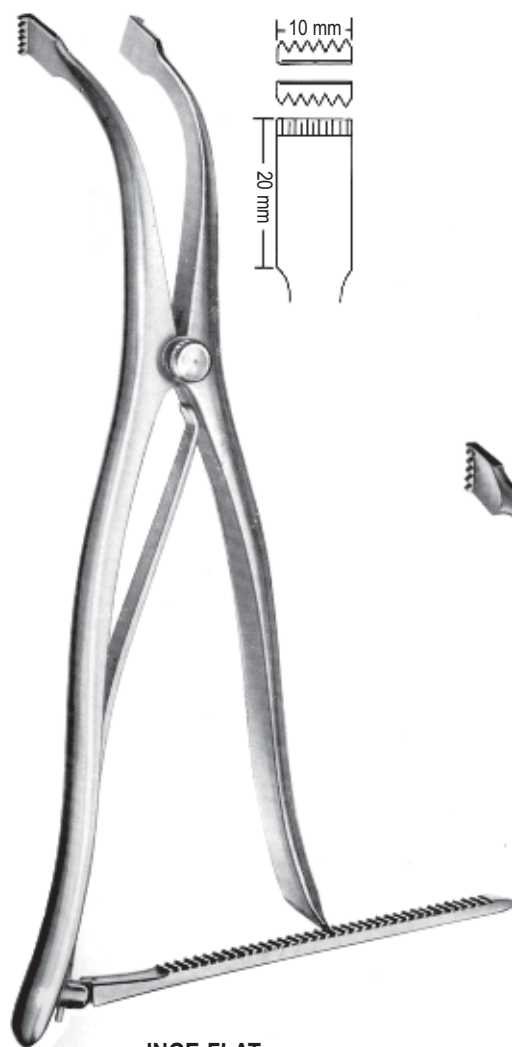


**INGE**  
P-0102-24 24.0cm  
Blade opening 50mm

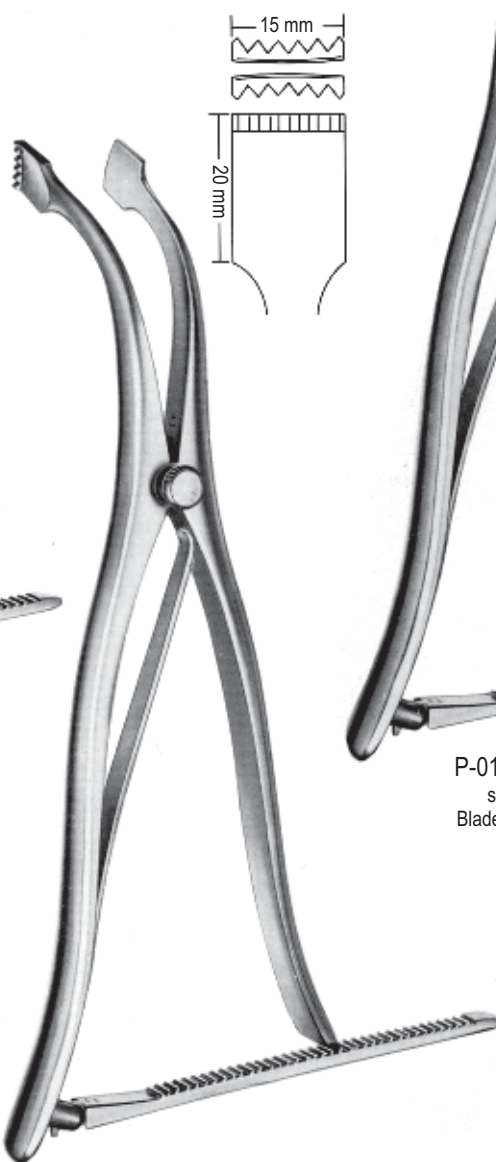


**INGE**  
P-0104-27 27.0cm

## NEURO SURGERY



**INGE-FLAT**  
P-0106-24 24.0cm  
2 flat jaws  
Blade opening 50mm



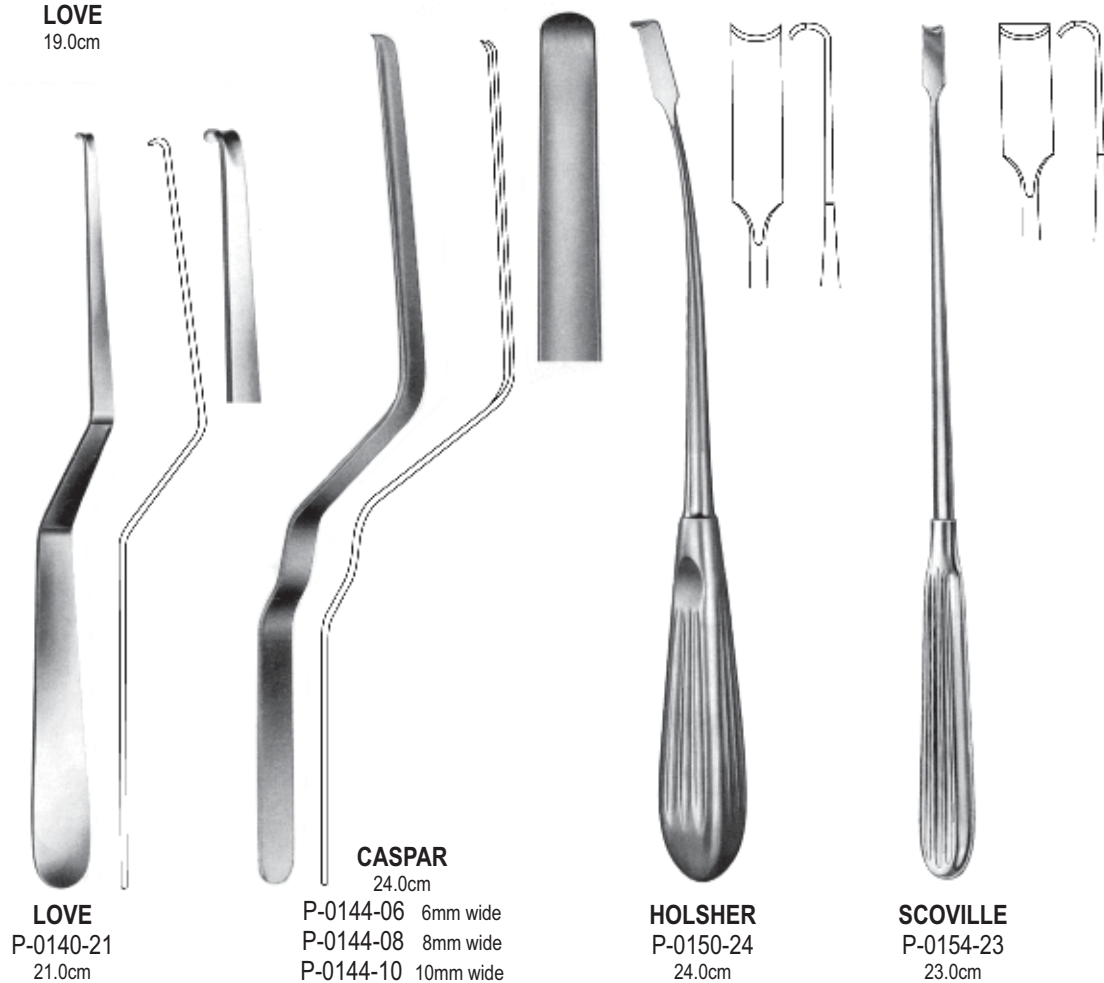
**INGE-CURVED**  
P-0108-24 24.0cm  
2 cupped jaws  
Blade opening 50mm



P-0116-28 28.0cm  
serrated jaws  
Blade opening 75mm



## NEURO SURGERY



## NEURO SURGERY



**CUSHING**  
P-0160-14  
14.0cm

sharp



**FRAZIER**  
P-0164-13 13.0cm P-0166-13  
P-0164-18 18.0cm P-0166-18

blunt



**LAHEY**  
P-0170-13  
13.0cm



**TOENNIS**  
P-0174-15  
15.0cm



**GRAHAM**  
P-0180-16  
16.5cm



**SACHS**  
P-0184-18  
18.5cm



**DANDY**  
P-0190-20  
20.0cm



**DANDY**  
P-0192-20  
20.0cm



**DANDY**  
P-0194-20  
20.0cm



**HOEN**  
P-0200-22  
22.0cm



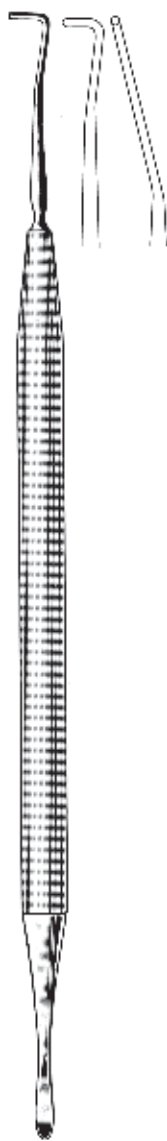
**ADSON**  
P-0204-20  
20.0cm



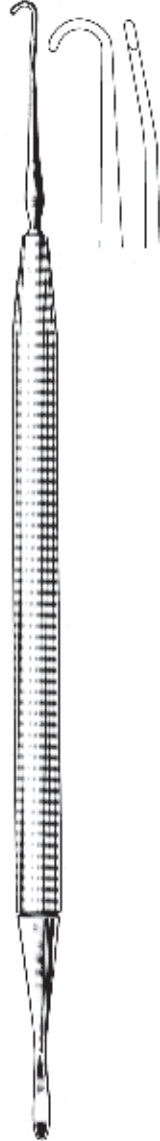
**ADSON**  
P-0206-20  
20.0cm



## NEURO SURGERY



**SCOVILLE**  
P-0210-30 30.0cm



**SCOVILLE**  
P-0212-30 30.0cm



**SMITHWICK**  
P-0216-29 29.0cm



**CUSHING**  
P-0220-19 19.0cm  
P-0220-28 28.0cm



**CUSHING**  
P-0222-19 19.0cm  
P-0222-28 28.0cm

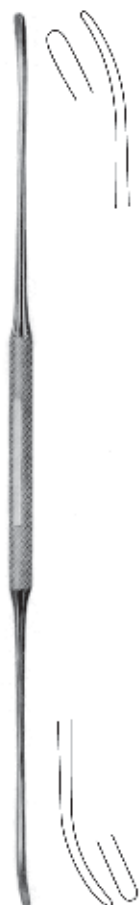


**SMITHWICK**  
P-0226-17 17.0cm  
P-0226-21 21.0cm

## NEURO SURGERY



**DAVIS**  
P-0230-24 24.5cm



**OLIVECRONA**  
P-0234-18 18.0cm  
P-0234-24 24.0cm



**OLIVECRONA**  
P-0236-19 19.5cm  
P-0236-24 24.0cm



**TOENNIS**  
P-0240-25 25.0cm



P-0244-22 22.0cm

## NEURO SURGERY



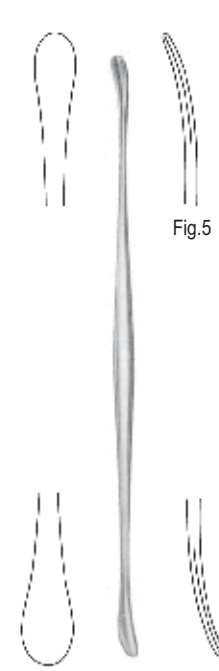
**PENFIELD**  
P-0250-01 17.5cm



**PENFIELD**  
P-0250-02 19.5cm



**PENFIELD**  
P-0250-03 19.5cm



**PENFIELD**  
P-0250-05 29.0cm



**PENFIELD**  
P-0250-04 21.5cm



**SACHS**  
P-0254-21 21.0cm



**MILLIGAN**  
P-0260-21 21.0cm

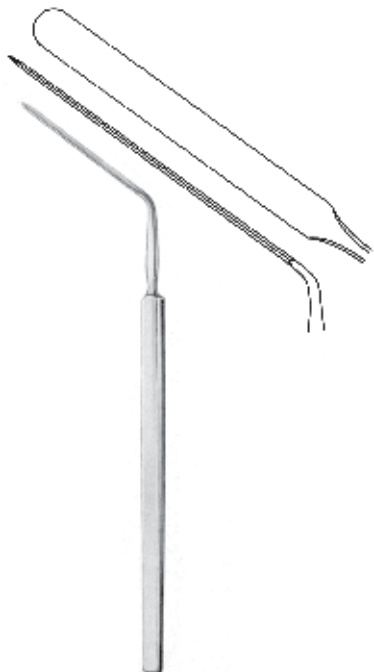


**SACHS**  
P-0264-21 21.0cm



**SACHS**  
P-0266-21 21.0cm

## NEURO SURGERY



**HORSLEY**  
P-0270-20 20.0cm



**FRAZIER**  
P-0274-15 15.0cm



**HOEN**  
P-0280-15 15.0cm



**HOEN**  
P-0282-15 15.0cm



**HALLE**  
P-0290-20 20.0cm



**TOENNIS**  
P-0294-13 13.0cm  
P-0294-19 19.0cm



P-0300-19 19.0cm



P-0302-19 19.0cm



P-0304-19 19.0cm



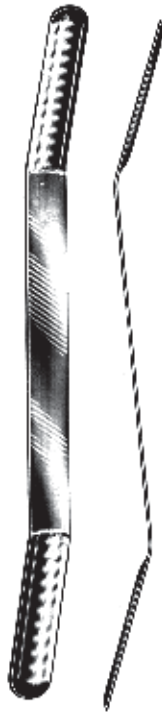
P-0306-19 19.0cm

## NEURO SURGERY



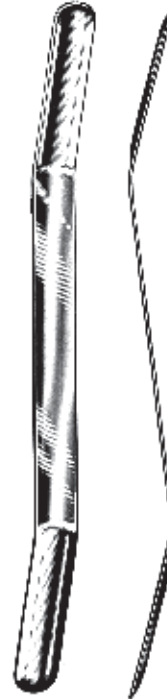
### CUSHING

P-0310-17 17.0cm  
P-0310-20 20.0cm  
P-0310-28 28.0cm



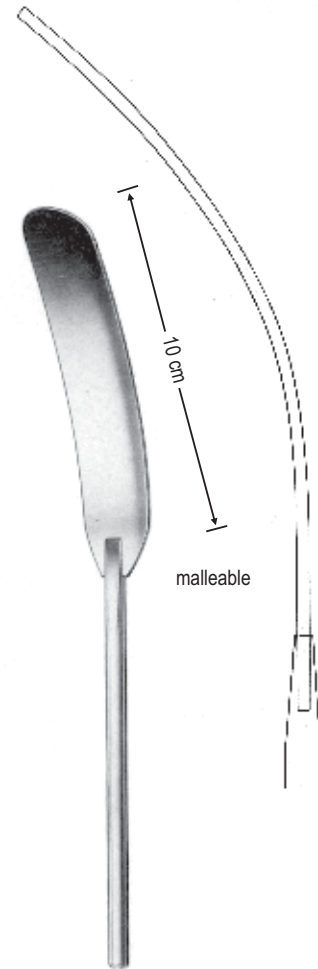
### OLIVECRONA

|           | 18.0cm<br>width of spatulas |           |
|-----------|-----------------------------|-----------|
| concave   |                             | convex    |
| P-0320-18 | 7x9mm                       | P-0330-18 |
| P-0322-18 | 11x13mm                     | P-0332-18 |
| P-0324-18 | 15x18mm                     | P-0334-18 |
| P-0326-18 | 18x22mm                     | P-0336-18 |



### HEIFETZ

|           | 20.0cm |
|-----------|--------|
| P-0340.08 | 8mm    |
| P-0340.11 | 11mm   |
| P-0340.14 | 14mm   |
| P-0340.17 | 17mm   |
| P-0340.20 | 20mm   |





EN | Brain Spatulas  
DE | Hirnspatel  
ES | Espatulas cerebrales

## NEURO SURGERY



**DAVIS**  
17.5cm (malleable, nickel silver)  
P-0350-06 6mm  
P-0350-09 9mm  
P-0350-13 13mm  
P-0350-16 16mm  
P-0350-19 19mm  
P-0350-25 25mm  
P-0350-32 32mm  
P-0350-38 38mm



**SCOVILLE**  
20.0cm (double-ended)  
P-0356-13 10x13mm  
P-0356-19 16x19mm



**MAYFIELD**  
P-0360-20 20.0cm



**CHILDRENS**  
P-0364-21 21.0cm

## NEURO SURGERY



**FRAZIER**  
 P-0370-10 2mm, 10.0cm  
 P-0370-12 3mm, 12.0cm



**ADSON (Graduated)**  
 P-0374-10 Fr.9, 10.0cm  
 P-0374-14 Fr.9, 14.0cm



**ELSBERG**  
 11.0cm  
 P-0380-05 Fr.5  
 P-0380-07 Fr.7  
 P-0380-09 Fr.9



**FRAZIER**  
 Charr. 19.0cm  

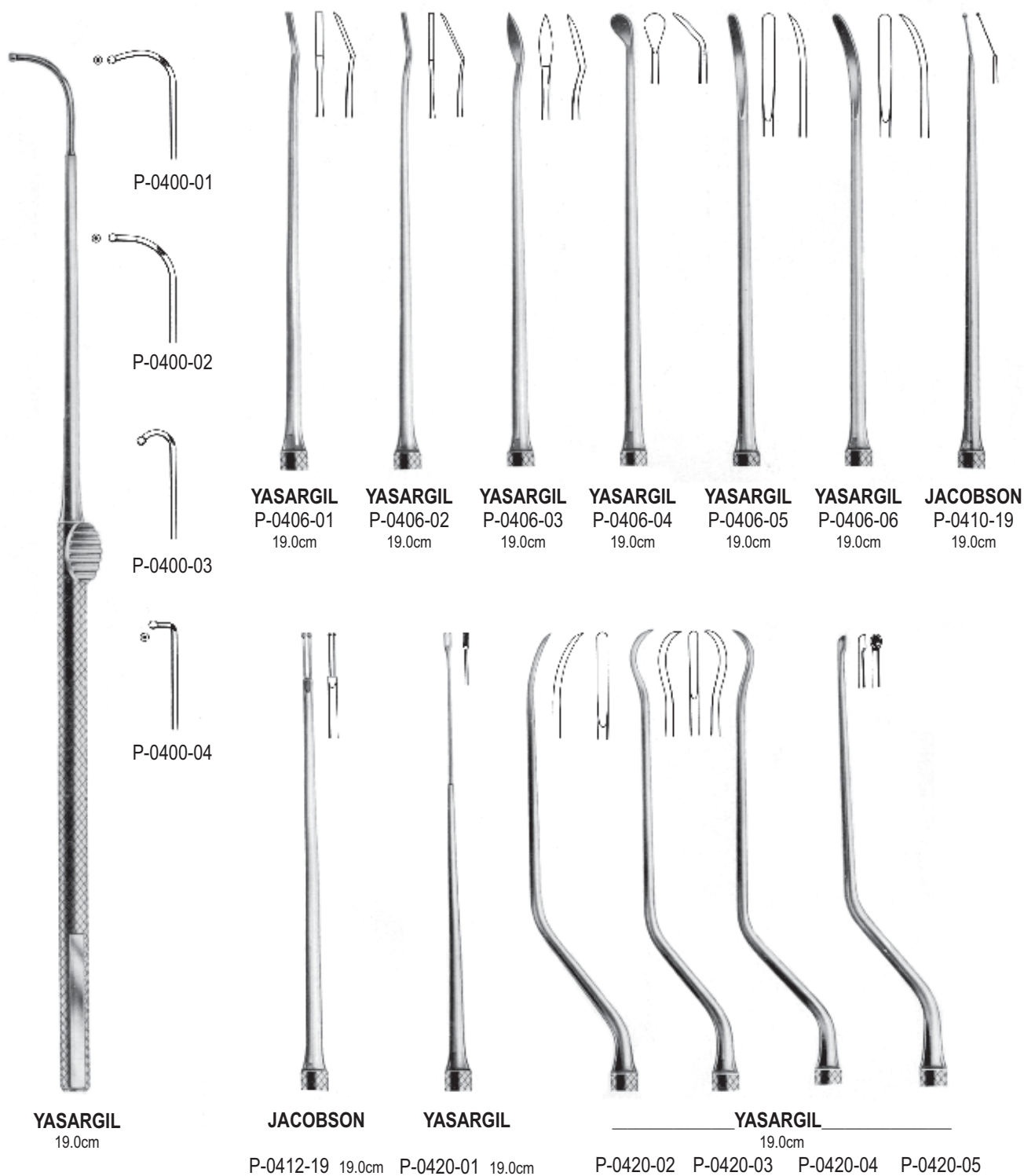
| FG | 30°       | 75°       |
|----|-----------|-----------|
| 06 | P-0240-06 | P-0242-06 |
| 07 | P-0240-07 | P-0242-07 |
| 08 | P-0240-08 | P-0242-08 |
| 09 | P-0240-09 | P-0242-09 |
| 10 | P-0240-10 | P-0242-10 |
| 11 | P-0240-11 | P-0242-11 |
| 12 | P-0240-12 | P-0242-12 |



**ADSON**  
 P-0266-40  
 4mm, 21.0cm



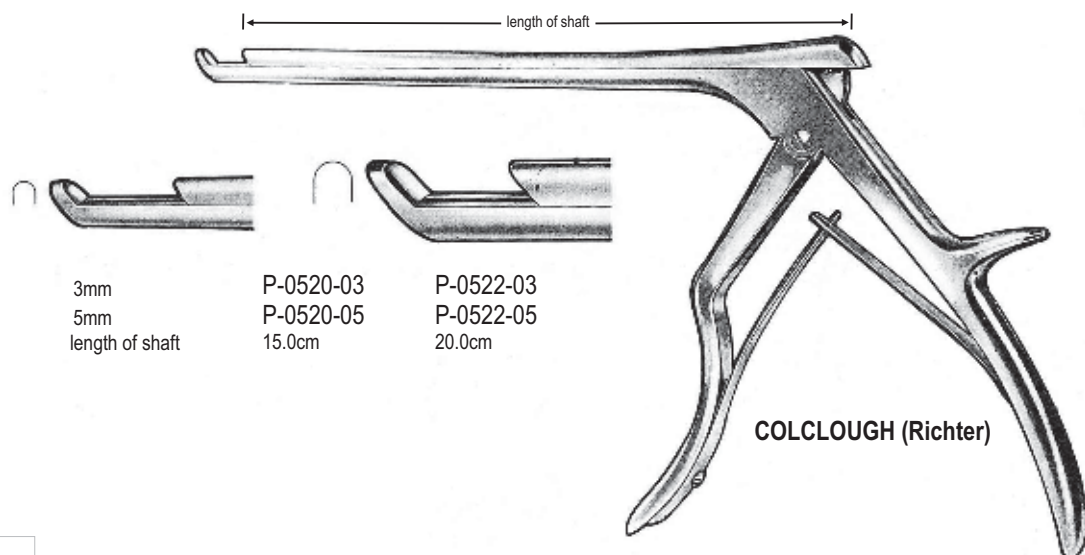
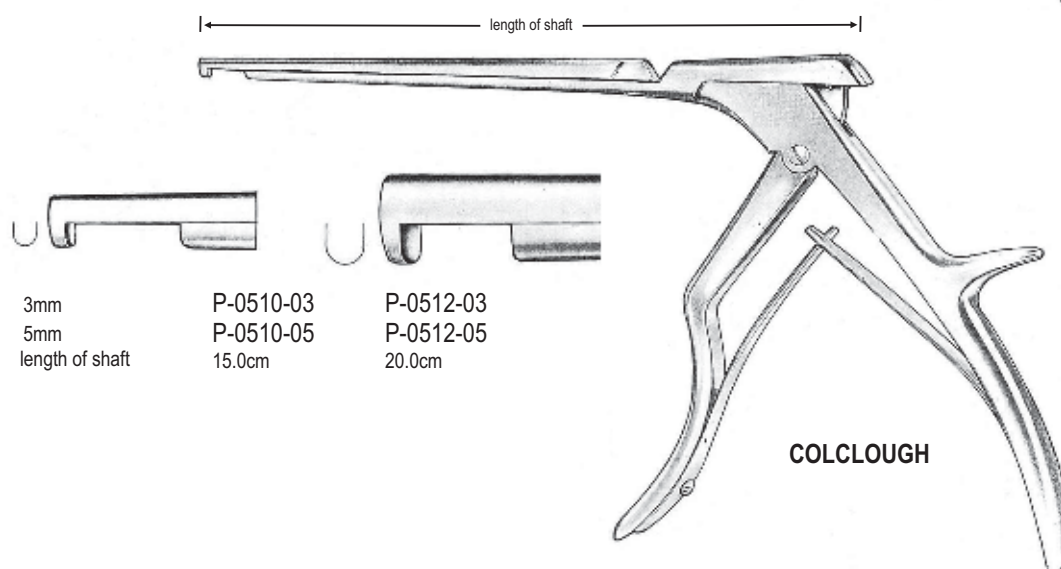
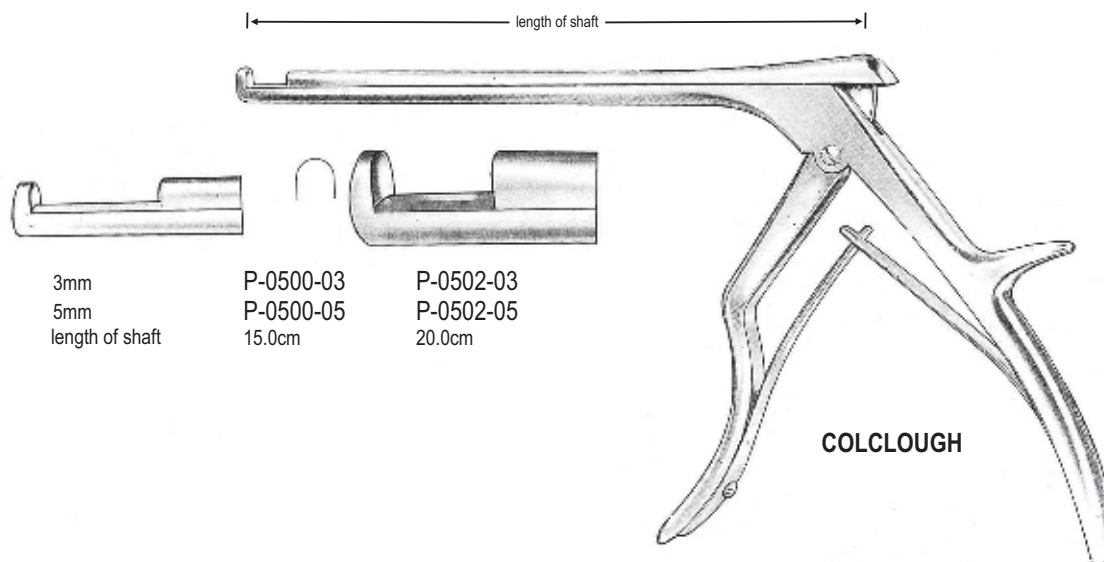
## NEURO SURGERY



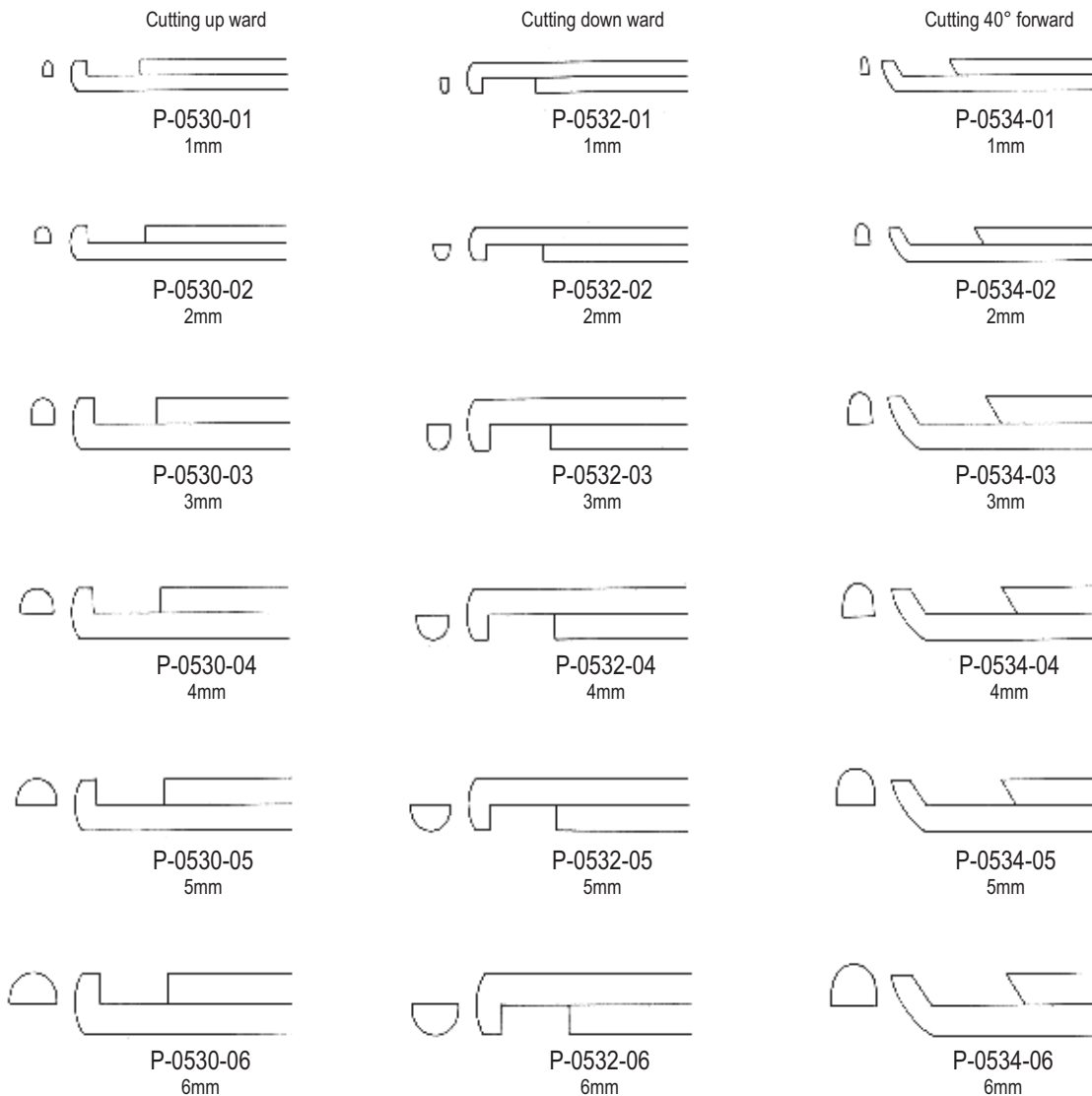
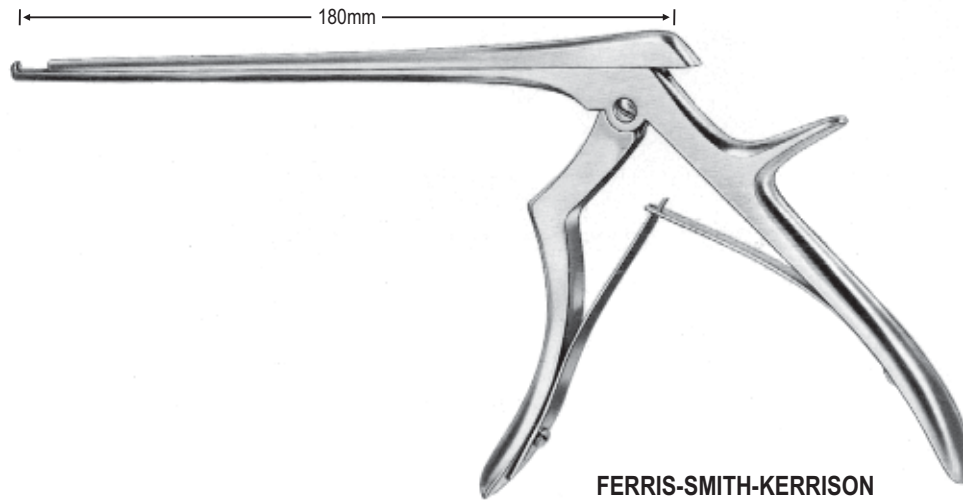
## NEURO SURGERY



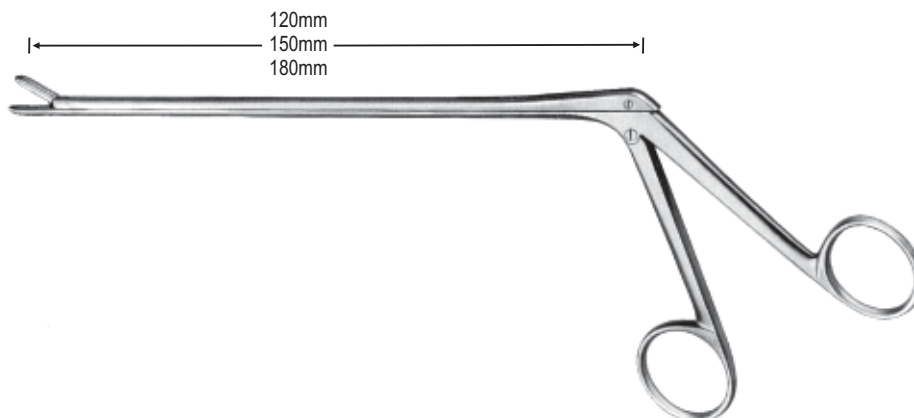
## NEURO SURGERY



## NEURO SURGERY

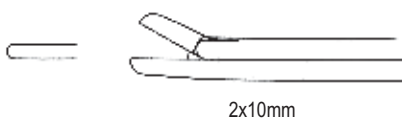


## NEURO SURGERY

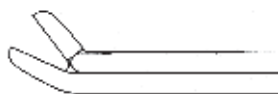


### CUSHING

2mm



P-0540-01 12.0cm  
P-0540-02 15.0cm  
P-0540-03 18.0cm



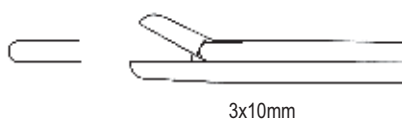
P-0542-01 12.0cm  
P-0542-02 15.0cm  
P-0542-03 18.0cm



P-0544-01 12.0cm  
P-0544-02 15.0cm  
P-0544-03 18.0cm

### LOVE-GRUENWALD

3mm



P-0550-01 12.0cm  
P-0550-02 15.0cm  
P-0550-03 18.0cm



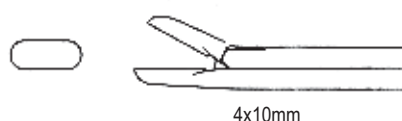
P-0552-01 12.0cm  
P-0552-02 15.0cm  
P-0552-03 18.0cm



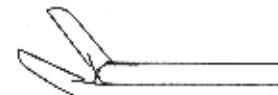
P-0554-01 12.0cm  
P-0554-02 15.0cm  
P-0554-03 18.0cm

### SPURLING

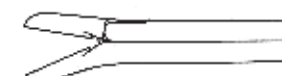
4mm



P-0560-01 12.0cm  
P-0560-02 15.0cm  
P-0560-03 18.0cm

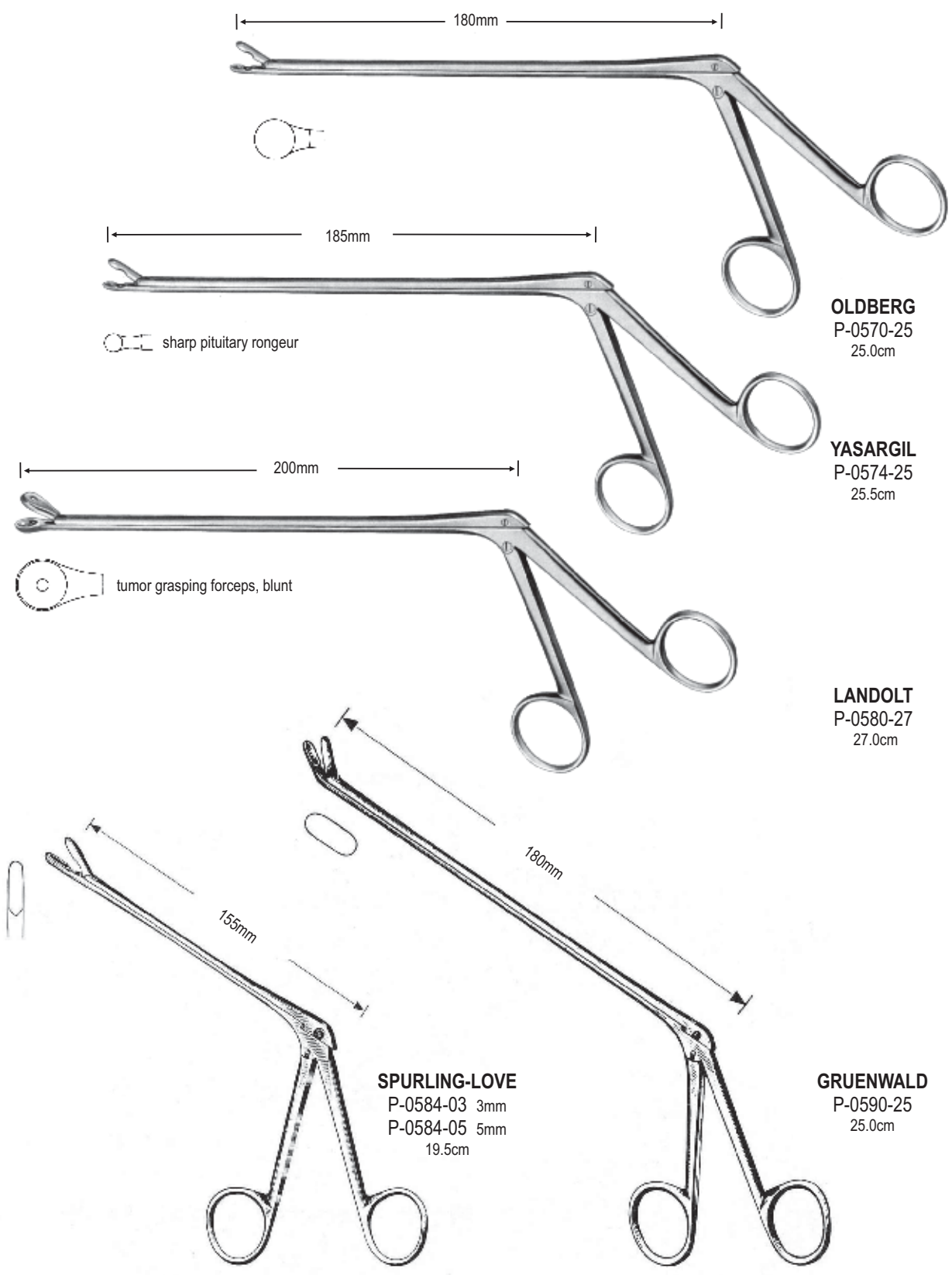


P-0562-01 12.0cm  
P-0562-02 15.0cm  
P-0562-03 18.0cm

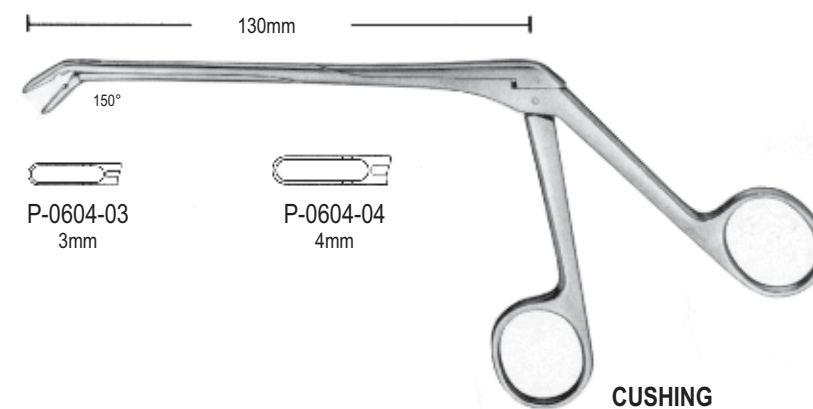
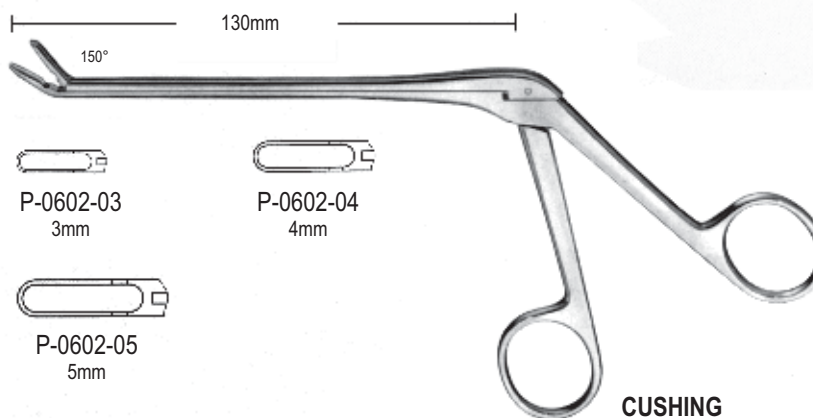
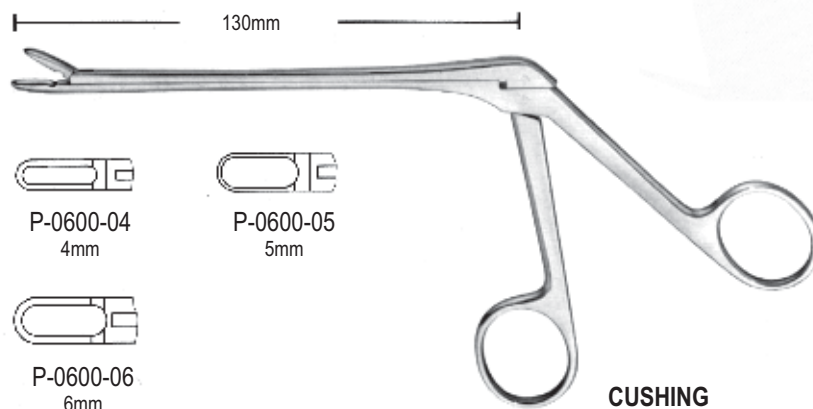


P-0564-01 12.0cm  
P-0564-02 15.0cm  
P-0564-03 18.0cm

# NEURO SURGERY



## NEURO SURGERY



NEURO SURGERY

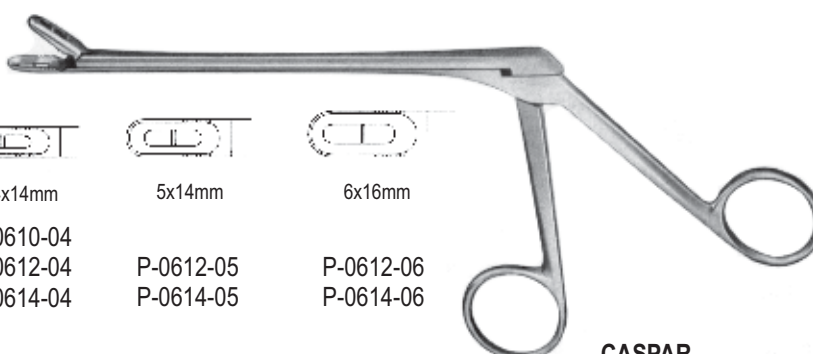


Diagram illustrating the CASPAR laminectomy rongeur (P-0610-02 to P-0614-06) with various sizes and dimensions.

|        | 2x12mm    | 3x12mm    | 4x14mm    | 5x14mm    | 6x16mm    |
|--------|-----------|-----------|-----------|-----------|-----------|
| 14.0cm | P-0610-02 | P-0610-03 | P-0610-04 |           |           |
| 16.0cm | P-0612-02 | P-0612-03 | P-0612-04 | P-0612-05 | P-0612-06 |
| 18.5cm | P-0614-02 | P-0614-03 | P-0614-04 | P-0614-05 | P-0614-06 |

CASPAR

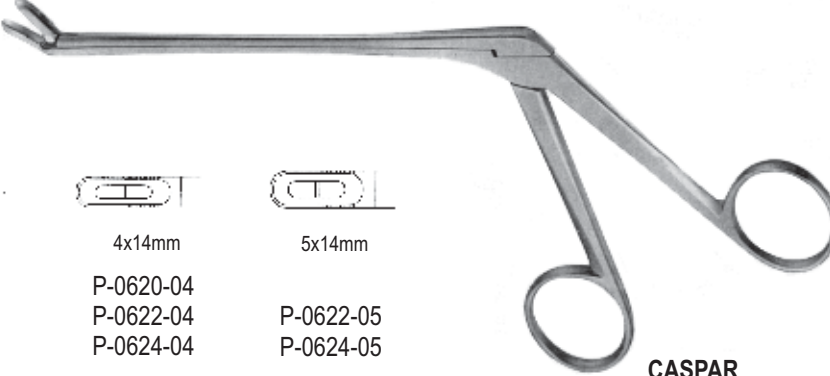


Diagram illustrating the CASPAR laminectomy rongeur (P-0620-03 to P-0624-05) with various sizes and dimensions.

|        | 3x12mm    | 4x14mm    | 5x14mm    |
|--------|-----------|-----------|-----------|
| 14.0cm | P-0620-03 | P-0620-04 |           |
| 16.0cm | P-0622-03 | P-0622-04 | P-0622-05 |
| 18.5cm | P-0624-03 | P-0624-04 | P-0624-05 |

CASPAR

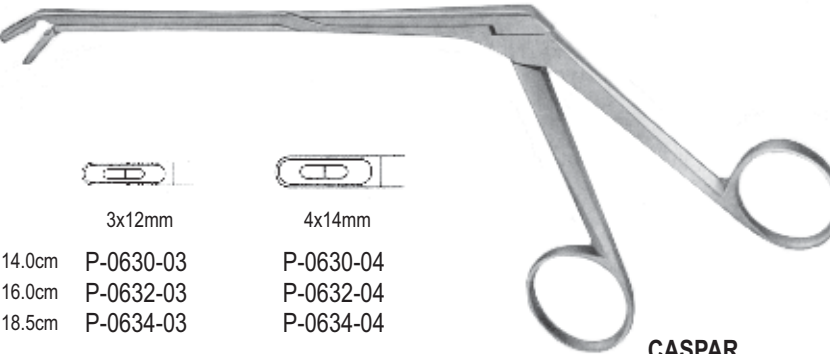


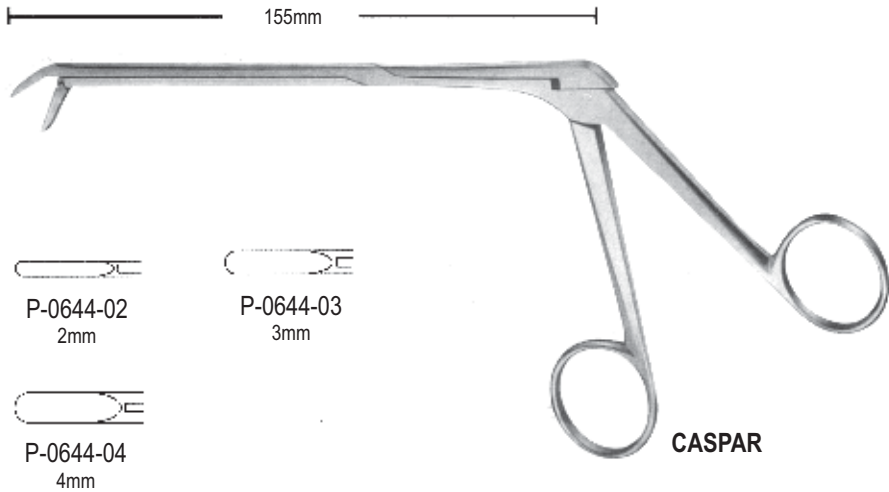
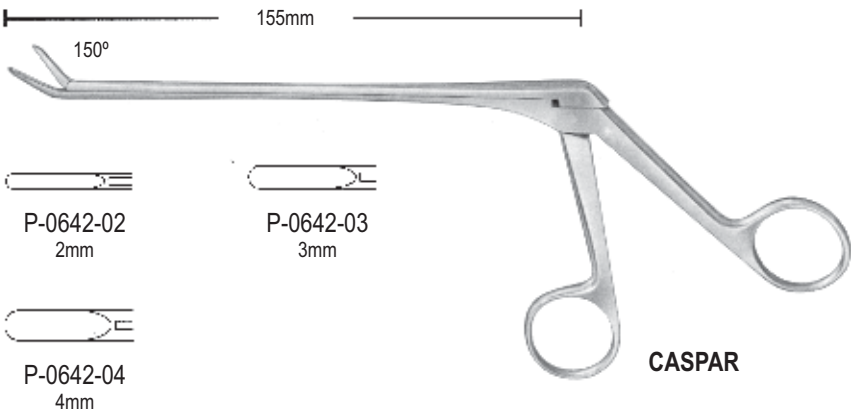
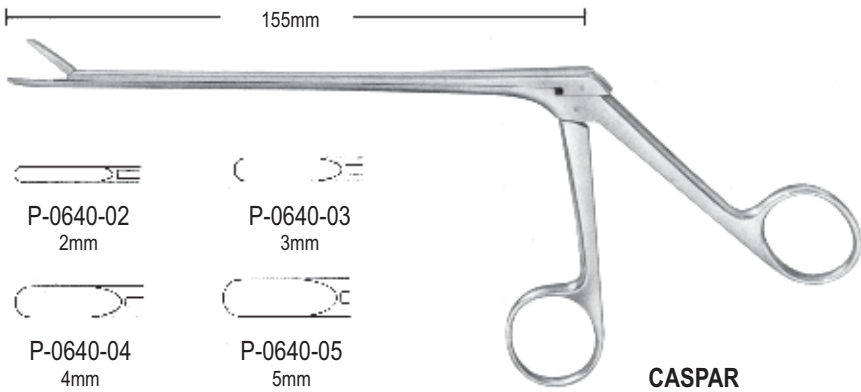
Diagram illustrating the CASPAR laminectomy rongeur (P-0630-03 to P-0634-04) with various sizes and dimensions.

|        | 3x12mm    | 4x14mm    |
|--------|-----------|-----------|
| 14.0cm | P-0630-03 | P-0630-04 |
| 16.0cm | P-0632-03 | P-0632-04 |
| 18.5cm | P-0634-03 | P-0634-04 |

CASPAR



NEURO SURGERY



NEURO SURGERY

