



# CATALOG OF INSTRUMENTS for SURGERY of the SPINE

## BUXTON BIOMEDICATION

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***\*\*Kerrisons are located in a separate catalog of Kerrison Punches.\*\****

## About Buxton BioMedical

*Buxton BioMedical offers a wide range of surgical instruments with particular emphasis in the subspecialties of hand/foot, shoulder/elbow and spine surgeries. We publish a growing library of printed catalogs, brochures and fliers related to our products. Additional information and pricing is also available on our website **[www.buxtonbio.com](http://www.buxtonbio.com)**.*

*In viewing this catalog of spine instruments inclusive of our bone and soft tissue instruments as listed in the above table of contents, please note we additionally offer a catalog devoted exclusively to Kerrison Punch Rongeurs. This bound compendium covers the more than 3300 design and size variants available. Contact us via our website, e-mail or call 973-560-4848 to receive your copy.*

# Hand Held Retractors

## Brunner Retractors

250 mm long, smooth lip

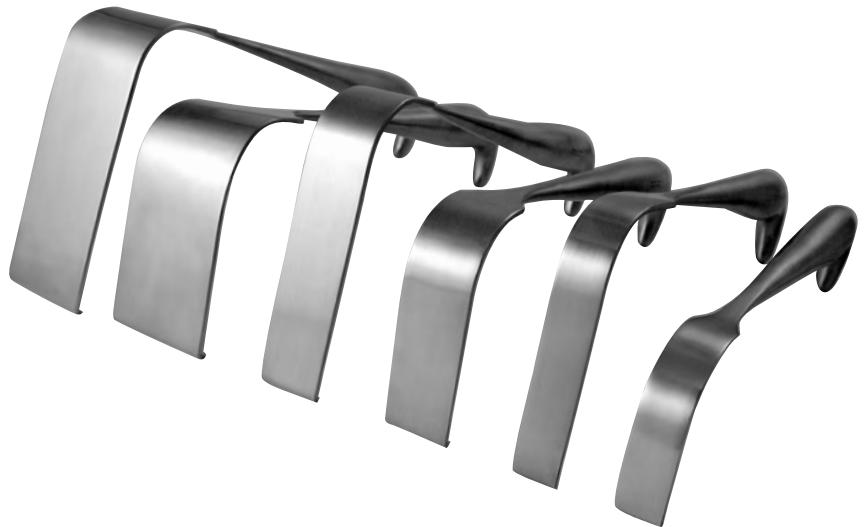
|                |                 |
|----------------|-----------------|
| <b>74-1700</b> | 80x20 mm blade  |
| <b>74-1703</b> | 100x20 mm blade |
| <b>74-1704</b> | 120x25 mm blade |
| <b>74-1710</b> | 140x25 mm blade |
| <b>74-1716</b> | 160x30 mm blade |
| <b>74-1718</b> | 180x30 mm blade |
| <b>74-1725</b> | 250x30 mm blade |
| <b>74-1730</b> | 300x30 mm blade |



## Meyerding Retractors

250 mm long, teeth along distal edge

|                |                 |
|----------------|-----------------|
| <b>74-1960</b> | 50x16 mm blade  |
| <b>74-1962</b> | 75x25 mm blade  |
| <b>74-1964</b> | 90x50 mm blade  |
| <b>74-1970</b> | 90x16 mm blade  |
| <b>74-1972</b> | 115x25 mm blade |
| <b>74-1974</b> | 130x50 mm blade |



# Nerve Root Retractors

## Cloward Retractor

175 mm, concave blade surface



- 74-3413** 13 mm wide, no lip
- 74-3420** 18 mm wide, distal lip
- 74-3422** 20 mm wide, distal lip
- 74-3424** 23 mm wide, distal lip
  
- 74-3410** Set of four Cloward Retractors

## XL Cloward Retractor

200 mm, concave blade surface, 100 mm long blade



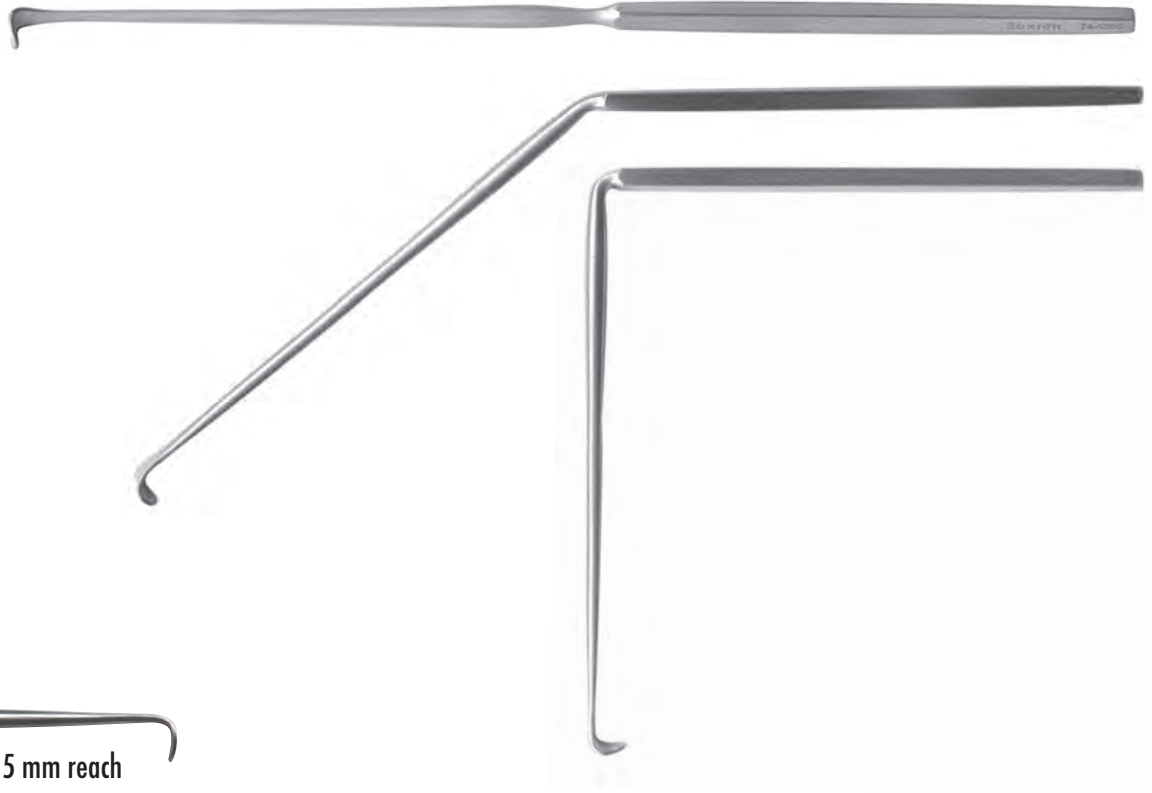
- 74-3413-100** 13 mm wide, no lip
- 74-3420-100** 18 mm wide, distal lip
- 74-3422-100** 20 mm wide, distal lip
- 74-3424-100** 23 mm wide, distal lip



# Nerve Root Retractors

## Love Nerve Root Retractors

210 mm overall length, 7 mm wide blade, 90° lip (no curve back)



- 74-5000** straight, 5 mm reach
- 74-5020** angled 45°, 5 mm reach
- 74-5040** angled 90°, 5 mm reach
- 74-5045** Set of 3 Love Retractors, 5 mm

- 74-5051** straight, 3 mm reach
- 74-5052** angled 45°, 3 mm reach
- 74-5053** angled 90°, 3 mm reach
- 74-5055** Set of 3 Love Retractors, 3 mm

# Nerve Root Retractors

## Love Nerve Root Retractor, bayonet

205 mm, flat, bayonet shaft



**74-7000** 4 mm wide x 5 mm deep blade with concave surface

## Scoville Nerve Root Retractor

230 mm (straight), ribbed handle



**74-7500** straight, 8 x 7 mm blade



**74-7600** angled 45°, 8 x 5 mm blade

## Holsher Nerve Root Retractor

240 mm, curved shaft, ribbed handle

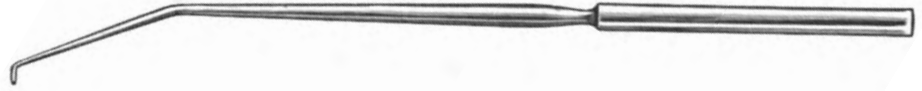


**74-7700** 11 x 7 mm blade

# Nerve Root Retractors

## Dandy Nerve Hooks

220 mm, 5 mm probe tip



**74-5060** angled, left winding



**74-5070** straight



**74-5080** angled, right winding

## Cushing Nerve Hooks

7 mm probe tip with bulbous end



**74-6621** 190 mm long

**74-6631** 285 mm long

## Cushing Nerve Hook

235 mm long, 2.5 mm ball tip



**74-6702**

# Dissectors

## Bruett Elevators

200 mm, double ended



**72-3742** 6 mm blade, straight/90°, semi-sharp/sharp



**72-3744** 6 mm blade, 90°, semi-sharp/sharp



**72-3746** 4 mm and 5 mm wide blade, left and right winding spiral ends, blunt

## Buxton Cervical Dissector/Elevator

195 mm, double ended, extra delicate



**72-3748** 3 mm blade, 45/90°, semi-sharp

## Penfield Dissectors and Elevators

Approximately 190 mm or 300 mm long



**72-1101** Penfield #1, 8 mm cup, 7.5 mm blunt



**72-1102** Penfield #2, 3 mm cup, 7 mm blunt, light curve



**72-1103** Penfield #3, 3 mm cup, 6.5 mm blunt, strong curve



**72-1104** Penfield #4, 3.5 mm, blunt



**72-1105** Penfield #5, 5 and 7 mm, blunt

# Self-Retaining Retractors

## Baby-Adson Retractor

165 mm, articulating, 3x4 prongs, 20x15 mm deep



74-2600 sharp prongs  
74-2601 blunt prongs

## Adson Retractor, medium

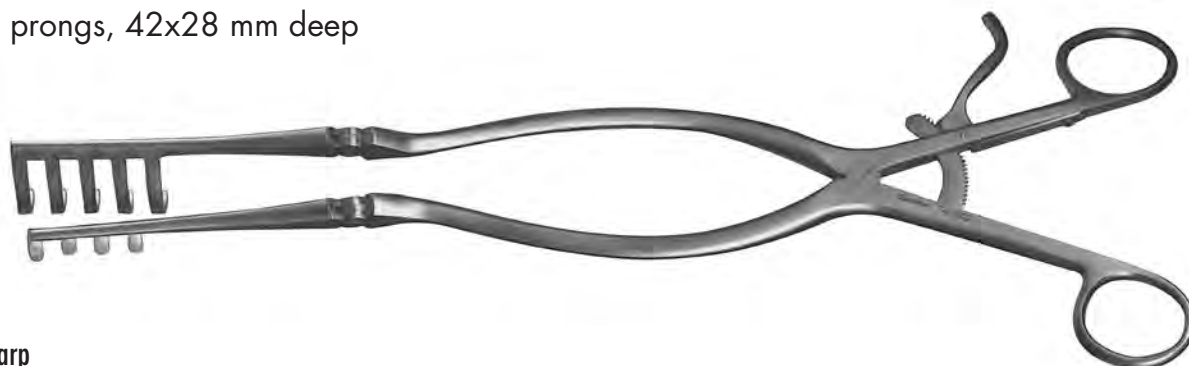
250 mm, 3 x 4 prongs, 22x25 mm deep



74-2606 sharp  
74-2607 blunt

## Adson Retractor, large

330 mm, 4 x 5 prongs, 42x28 mm deep

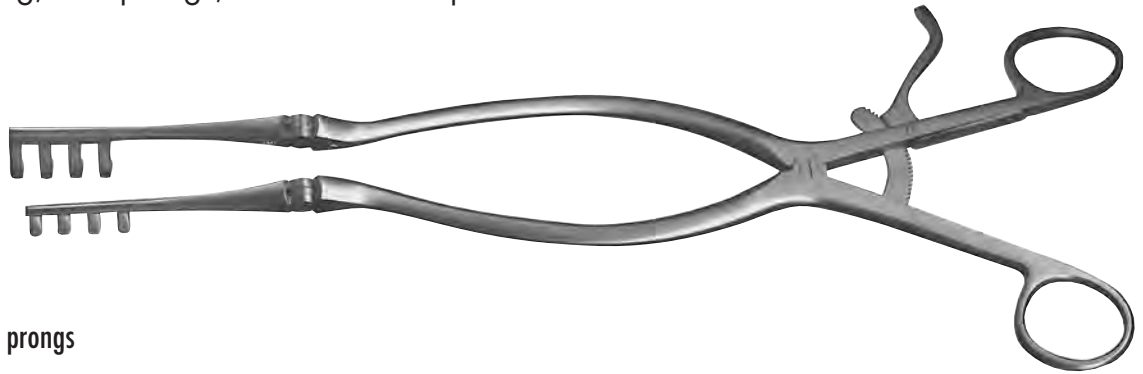


74-2622 sharp

# Self-Retaining Retractors

## Beckmann-Adson Retractor

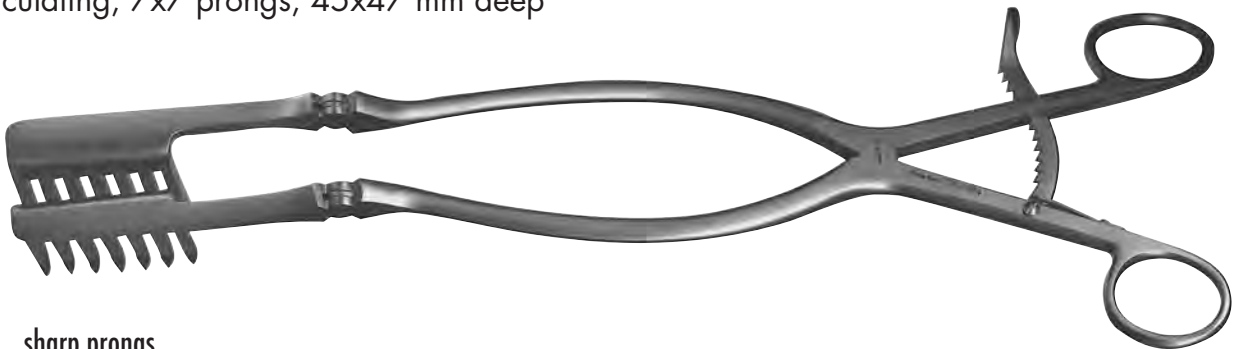
320 mm, articulating, 4x4 prongs, 35x18 mm deep



**74-2621** blunt prongs

## Beckmann-Eaton Retractor

330 mm, articulating, 7x7 prongs, 45x47 mm deep



**74-2624** sharp prongs

## Miskimon Retractor

210 mm, 7 x 7 sharp prongs, 33x30 mm deep



**74-2613** angled arms  
**74-2614** straight

# Self-Retaining Retractors

## Buxton Hemi-Laminectomy Retractors

170 mm overall length, hook angled 135°, short teeth on flat blade



### BLADE ON LEFT

|                |                   |
|----------------|-------------------|
| <b>74-2555</b> | 50 x 20 mm blade  |
| <b>74-2556</b> | 60 x 20 mm blade  |
| <b>74-2557</b> | 70 x 20 mm blade  |
| <b>74-2558</b> | 80 x 20 mm blade  |
| <b>74-2559</b> | 90 x 20 mm blade  |
| <b>74-2570</b> | 100 x 20 mm blade |
| <b>74-2571</b> | 110 x 20 mm blade |



### BLADE ON RIGHT

|                |                   |
|----------------|-------------------|
| <b>74-2545</b> | 50 x 20 mm blade  |
| <b>74-2546</b> | 60 x 20 mm blade  |
| <b>74-2547</b> | 70 x 20 mm blade  |
| <b>74-2548</b> | 80 x 20 mm blade  |
| <b>74-2549</b> | 90 x 20 mm blade  |
| <b>74-2560</b> | 100 x 20 mm blade |
| <b>74-2561</b> | 110 x 20 mm blade |

## Markham Meyerding Hemi-Laminectomy Retractors

170 mm overall length, 50 x 25 mm toothed blade, hook angled 110°

|                |                |
|----------------|----------------|
| <b>74-2669</b> | blade on right |
| <b>74-2670</b> | blade on left  |



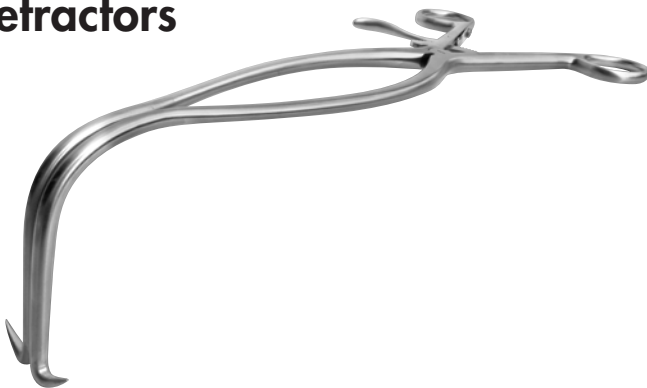


# Self-Retaining Retractors

## Wiltse Retractors

270 mm, 80° bowed arms, very sharp prongs

**74-2631** 70 mm reach  
**74-2632** 110 mm reach



## Gelpi-Seletz Retractor

180 mm, sharp prongs

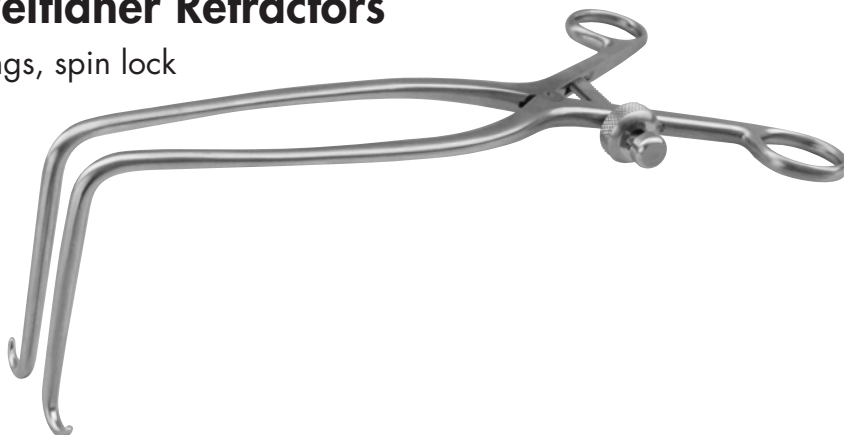
**74-2630** 60 mm reach



## Deep Weitlaner Retractors

260 mm frame length, 90° arms, blunt prongs, spin lock

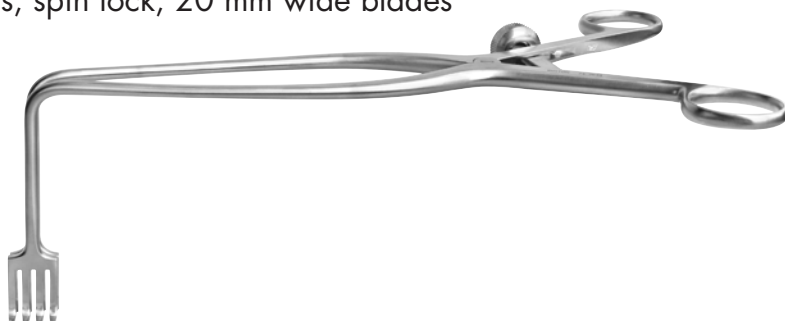
**74-2633** 75 mm reach  
**74-2634** 100 mm reach  
**74-2635** 125 mm reach



## Cerebellar Rake Retractors

260 mm frame length, 90° arms, sharp prongs, spin lock, 20 mm wide blades

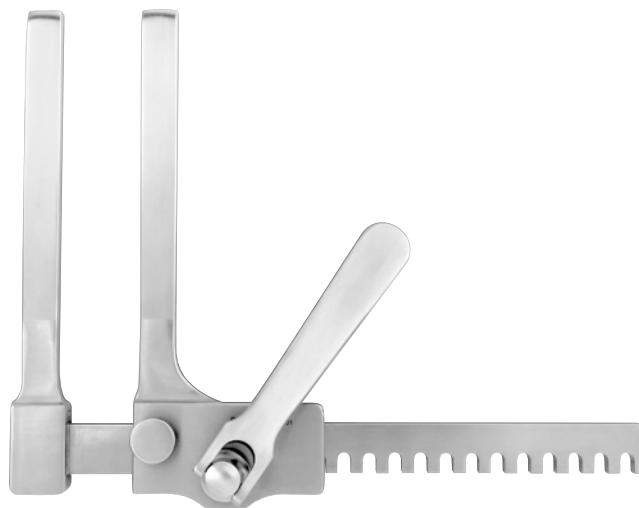
**74-2643** 90 mm reach  
**74-2644** 100 mm reach  
**74-2645** 125 mm reach  
**74-2646** 165 mm reach



# Lumbar Retractors

## Buxton Laminectomy Retractor

120 mm long arms, opens to 150 mm wide



- 74-2900** Retractor Set, with 8 bladelets (4 LEFT, 4 RIGHT)
- 74-2901** Frame alone

## Stainless Bladelets for Buxton Laminectomy Retractor

20 mm wide blades, Left and Right orientation

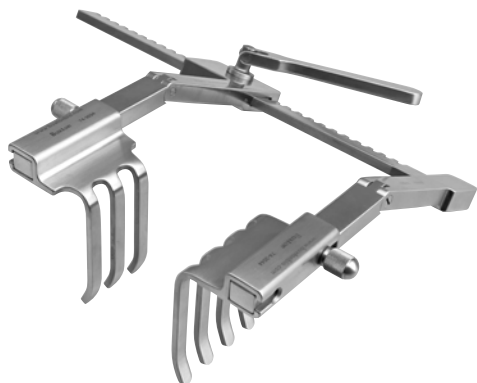
- 74-2953** 30 mm deep
- 74-2954** 40 mm deep
- 74-2955** 50 mm deep
- 74-2956** 65 mm deep
- 74-2958** 75 mm deep
- 74-2959** 85 mm deep
- 74-2960** 110 mm deep



# Lumbar Retractors

## French Model Laminectomy Retractor

170 mm long arms, opens to 130 mm

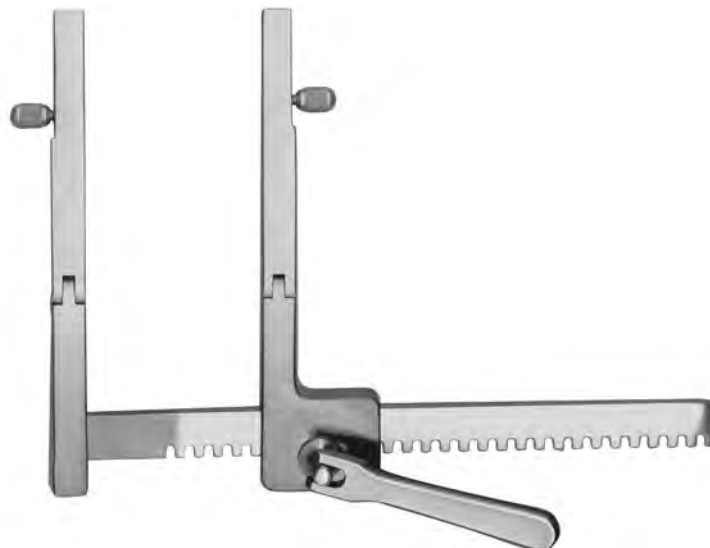


**74-3010**

Set with frame and 6 blades

**74-3007**

Frame only, hinged arms



## Blades for French Laminectomy Retractor

Fits on left and right side of frame arms



**ONE PRONG BLADE (5 mm wide)**

**74-3012** 45 mm deep

**74-3014** 60 mm deep

**74-3016** 75 mm deep

**74-3017** 85 mm deep

**THREE PRONG BLADE (30 mm wide)**

**74-3032** 45 mm deep

**74-3034** 60 mm deep

**74-3036** 75 mm deep

**74-3037** 85 mm deep



**TWO PRONG BLADE (15 mm wide)**

**74-3022** 45 mm deep

**74-3024** 60 mm deep

**74-3026** 75 mm deep

**74-3027** 85 mm deep

**FOUR PRONG BLADE (40 mm wide)**

**74-3042** 45 mm deep

**74-3044** 60 mm deep

**74-3046** 75 mm deep

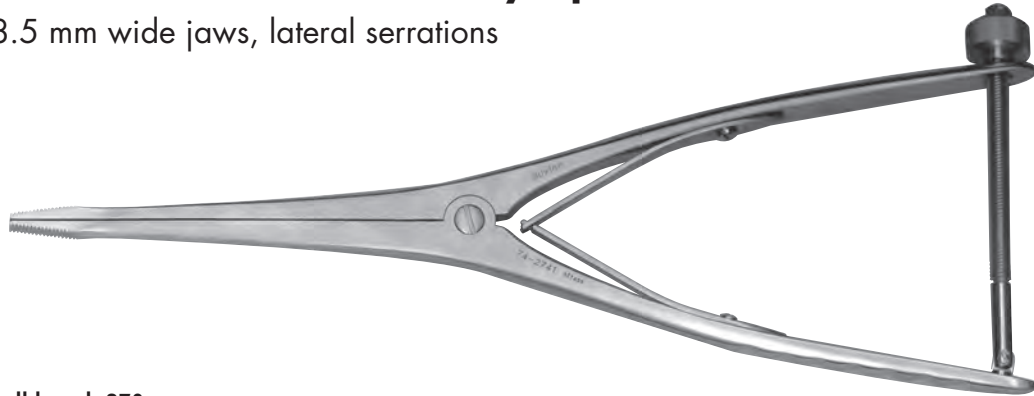
**74-3047** 85 mm deep



# Vertebral Body Spreaders

## Vertebral Body Spreaders

Straight shafts, 8.5 mm wide jaws, lateral serrations



**74-2741** overall length 270 mm  
**74-2743** overall length 330 mm

## Bayonet Vertebral Body Spreader

Offset shaft for improved visibility, 14.5 mm wide jaws,  
1x2 interdigitated prongs, scalloped serrations



**74-2745** overall length 280 mm

## Modified Inge (Scaglietti) Body Spreader

Curved shaft, 8 mm wide jaws, lateral serrations



**74-2747** overall length 250 mm, 45 mm reach

# Vertebral + Cervical Spreaders

## Baby Inge Lamina Spreader

Curved shaft, 6.5 mm wide cross-serrated platforms, squeeze ratchet, 30 mm reach

**74-2727** overall length 170 mm



## Cloward Anterior Cervical Spreaders

Curved shaft, 5 mm wide cross-serrated platforms, spin lock

**74-2754** 65 mm reach  
**74-2756** 75 mm reach  
**74-2758** 85 mm reach  
**74-2760** 95 mm reach  
**74-2762** 105 mm reach  
**74-2764** 115 mm reach



## Classic Cloward Anterior Cervical Spreader

Curved shaft, 4.5 mm wide serrated jaws, ratchet lock

**74-3435** 75 mm reach



# Cervical Retractors

## Caspar-style Speculum Retractor

120 mm long, opens to 80 mm

- 74-3106** Caspar Speculum Set with 5 blades
- 74-3107** Caspar Speculum Frame only



## Caspar-style Weitlaner Retractor

170 mm, opens to 100 mm

- 74-3112** Weitlaner Set with 5 blades
- 74-3113** Caspar Weitlaner Frame only



## Caspar-style Rack & Pinion Retractor

100 mm long arms, opens to 110 mm

- 74-3117** Rack & Pinion Set with 5 blades
- 74-3118** Caspar R&P Frame only



# Cervical Retractors

## Caspar Long Tooth Blades

20 mm wide blade, long tooth, ball-snap hub

|                |          |
|----------------|----------|
| <b>74-3121</b> | 20x40 mm |
| <b>74-3122</b> | 20x45 mm |
| <b>74-3123</b> | 20x50 mm |
| <b>74-3124</b> | 20x55 mm |
| <b>74-3125</b> | 20x60 mm |



## Caspar Short Tooth Blades

20 mm wide blade, short tooth, ball-snap hub

|                |          |
|----------------|----------|
| <b>74-3131</b> | 20x40 mm |
| <b>74-3132</b> | 20x45 mm |
| <b>74-3133</b> | 20x50 mm |
| <b>74-3134</b> | 20x55 mm |
| <b>74-3135</b> | 20x60 mm |



## Caspar Smooth Blades

20 mm wide blade, smooth lip, ball-snap hub

|                |          |
|----------------|----------|
| <b>74-3141</b> | 20x45 mm |
| <b>74-3142</b> | 20x50 mm |
| <b>74-3143</b> | 20x55 mm |
| <b>74-3144</b> | 20x60 mm |
| <b>74-3145</b> | 20x65 mm |



## Blade Ejecting Forceps

For use on Caspar Retractor

|                |                          |
|----------------|--------------------------|
| <b>74-3199</b> | 120 mm long, flat handle |
|----------------|--------------------------|



# Curettes

## Spinal Fusion Curettes

230 mm long, hollow handle, oval cups



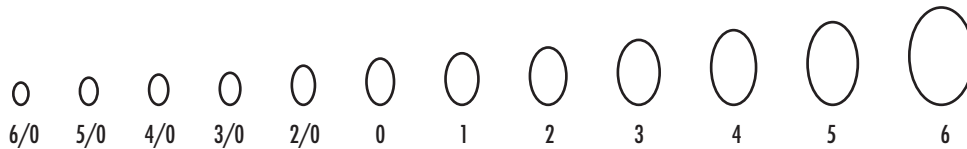
**Straight**



**Angled Forward**



**Angled Backward**



**140 mm shaft length**

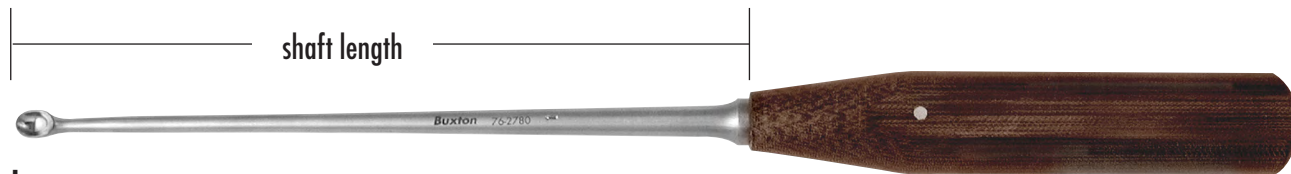
| CUP SIZE |        |                 |                |                 |
|----------|--------|-----------------|----------------|-----------------|
|          |        | <b>Straight</b> | <b>Forward</b> | <b>Backward</b> |
|          | 000000 | 76-11606        | 76-11806       | 76-11906        |
|          | 00000  | 76-11605        | 76-11805       | 76-11905        |
|          | 0000   | 76-1160         | 76-1180        | 76-1190         |
|          | 000    | 76-1161         | 76-1181        | 76-1191         |
|          | 00     | 76-1162         | 76-1182        | 76-1192         |
|          | 0      | 76-1163         | 76-1183        | 76-1193         |
|          | 1      | 76-1164         | 76-1184        | 76-1194         |
|          | 2      | 76-1165         | 76-1185        | 76-1195         |
|          | 3      | 76-1166         | 76-1186        | 76-1196         |
|          | 4      | 76-1167         | 76-1187        | 76-1197         |
|          | 5      | 76-1168         | 76-1188        | 76-1198         |
|          | 6      | 76-1169         | 76-1189        | 76-1199         |



# Curettes

## Slim Grip Curettes

275 mm long, Linen phenolic handle, oval cups



**Straight**



**Angled Forward**



**Angled Backward**



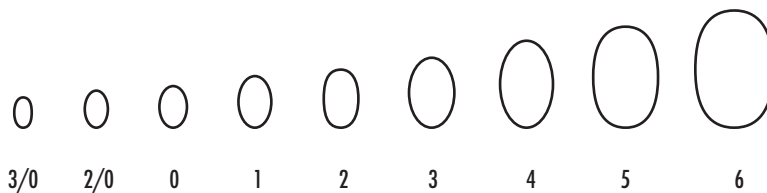
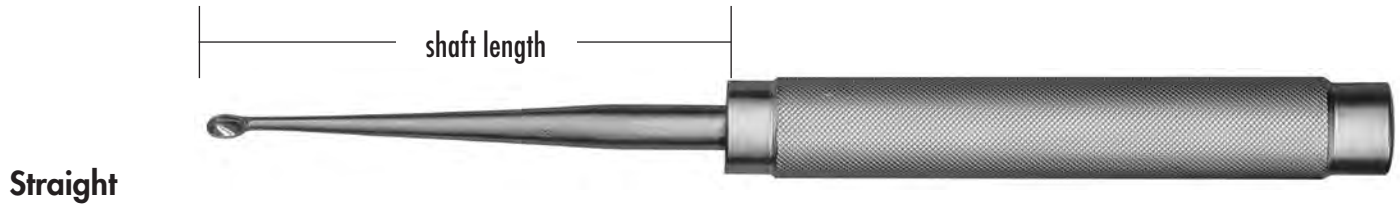
**160 mm shaft length**

| CUP SIZE |  |                 |                |                 |
|----------|--|-----------------|----------------|-----------------|
|          |  | <b>Straight</b> | <b>Forward</b> | <b>Backward</b> |
| 00000    |  | 76-27005        | 76-27105       | 76-27155        |
| 0000     |  | 76-2700         | 76-2710        | 76-2715         |
| 000      |  | 76-2720         | 76-2730        | 76-2735         |
| 00       |  | 76-2740         | 76-2750        | 76-2755         |
| 0        |  | 76-2760         | 76-2770        | 76-2775         |
| 1        |  | 76-2780         | 76-2790        | 76-2795         |
| 2        |  | 76-2800         | 76-2810        | 76-2815         |
| 3        |  | 76-2820         | 76-2830        | 76-2835         |
| 4        |  | 76-2840         | 76-2850        | 76-2855         |
| 5        |  | 76-2860         | 76-2870        | 76-2875         |
| 6        |  | 76-2880         | 76-2890        | 76-2895         |

# Curettes

## Cobb Curettes

280 mm long, knurled handle, oval cups



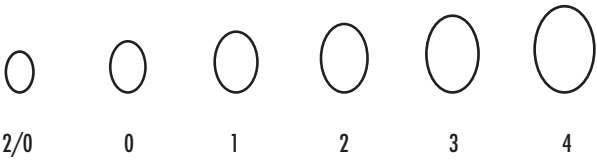
**130 mm shaft length**

| CUP SIZE | 130 mm shaft length |         |
|----------|---------------------|---------|
|          | Straight            | Forward |
| 000      | 76-2610             | 76-2630 |
| 00       | 76-2611             | 76-2631 |
| 0        | 76-2612             | 76-2632 |
| 1        | 76-2613             | 76-2633 |
| 2        | 76-2614             | 76-2634 |
| 3        | 76-2615             | 76-2635 |
| 4        | 76-2616             | 76-2636 |
| 5        | 76-2617             | 76-2637 |
| 6        | 76-2618             | 76-2638 |

# Curettes

## Anterior Curettes

500 mm long, linen phenolic handle, oval cups



270 mm shaft length

| CUP SIZE  | 00 | Straight | Forward |
|-----------|----|----------|---------|
|           | 0  | 76-7740  | 76-7750 |
|           | 1  | 76-7760  | 76-7770 |
|           | 2  | 76-7780  | 76-7790 |
|           | 3  | 76-7800  | 76-7810 |
|           | 4  | 76-7820  | 76-7830 |
|           |    | 76-7840  | 76-7850 |
| 7 mm RING |    | 76-8407  | ---     |

# Mallets + Tampers

## Lead Filled Mallet

260 mm long, linen phenolic handle and stainless ring casement

**77-1042**     335 grams



## Cylindrical Mallet

250 mm long, linen phenolic handle, 80 x 60 mm Ø linen phenolic head

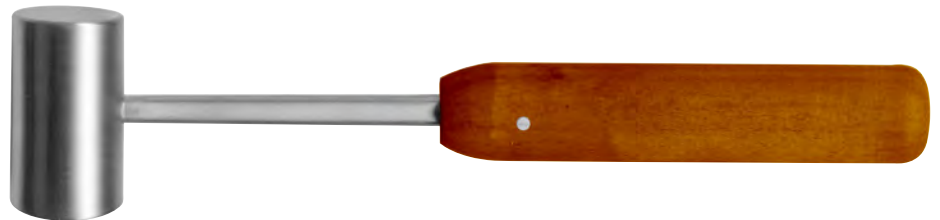
**77-1070**     375 grams



## Stainless Steel Mallet

240 mm long, linen phenolic handle, 28 mm diameter head

**24-5919**     300 grams



## Bone Tampers

280 mm long, serrated tamp surface, linen phenolic handle

**76-4806**     6 mm diameter, round  
**76-4808**     8 mm diameter, round



# Osteotomes + Gouges

## Dahmen-Lexer Osteotomes

220 mm long, linen phenolic handle

|                |       |
|----------------|-------|
| <b>77-4005</b> | 5 mm  |
| <b>77-4007</b> | 7 mm  |
| <b>77-4010</b> | 10 mm |
| <b>77-4015</b> | 15 mm |
| <b>77-4020</b> | 20 mm |
| <b>77-4025</b> | 25 mm |
| <b>77-4030</b> | 30 mm |



## Dahmen-Lexer Gouges

220 mm long, linen phenolic handle

|                |       |
|----------------|-------|
| <b>77-4205</b> | 5 mm  |
| <b>77-4207</b> | 7 mm  |
| <b>77-4210</b> | 10 mm |
| <b>77-4215</b> | 15 mm |
| <b>77-4220</b> | 20 mm |
| <b>77-4225</b> | 25 mm |
| <b>77-4230</b> | 30 mm |



## Spongiosa Gouges

250 mm long, linen phenolic handle, in straight and curved shafts

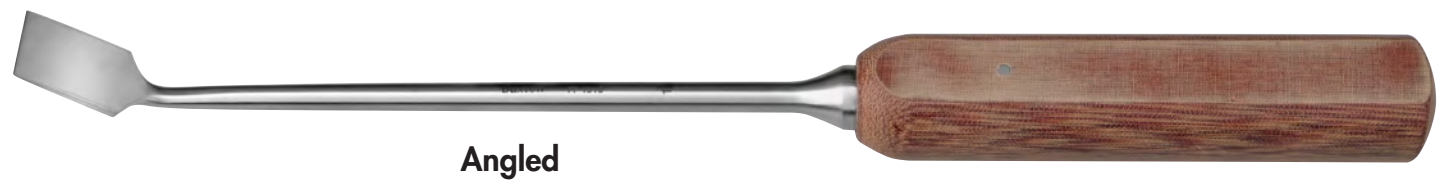
|                |                 |
|----------------|-----------------|
| <b>77-4605</b> | 5 mm, straight  |
| <b>77-4610</b> | 10 mm, straight |
| <b>77-4615</b> | 15 mm, straight |
| <b>77-4705</b> | 5 mm, curved    |
| <b>77-4710</b> | 10 mm, curved   |
| <b>77-4715</b> | 15 mm, curved   |



# Osteotomes + Gouges

## Dahmen Osteotome

300 mm long, linen phenolic handle



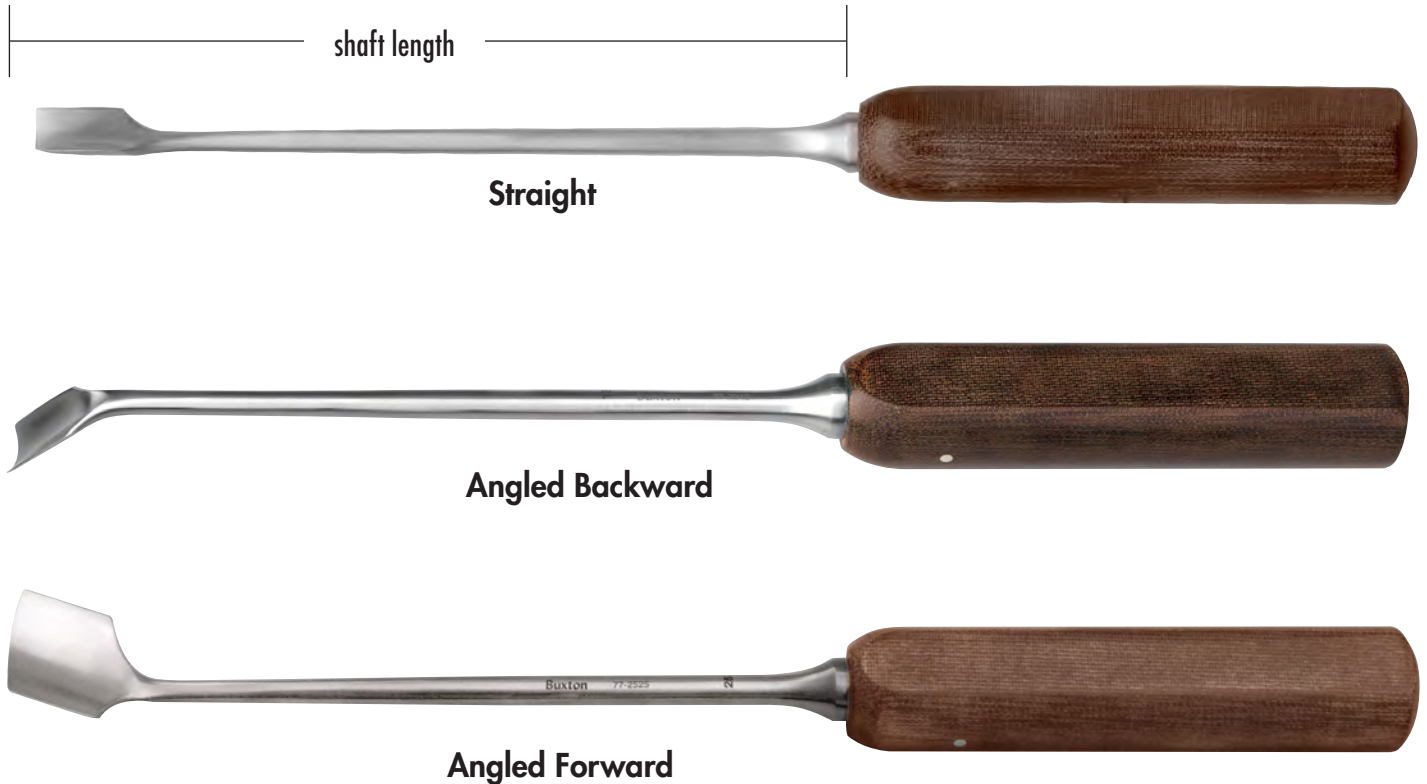
180 mm shaft length

| Blade Width | Straight | Angled  |
|-------------|----------|---------|
| 4 mm        | 77-1104  | 77-1504 |
| 5 mm        | 77-1105  | 77-1505 |
| 6 mm        | 77-1106  | 77-1506 |
| 8 mm        | 77-1108  | 77-1508 |
| 10 mm       | 77-1110  | 77-1510 |
| 12 mm       | 77-1112  | 77-1512 |
| 15 mm       | 77-1115  | 77-1515 |
| 20 mm       | 77-1120  | 77-1520 |
| 22 mm       | 77-1122  | 77-1522 |
| 25 mm       | 77-1125  | 77-1525 |

# Osteotomes + Gouges

## Dahmen Gouges

300 mm long, linen phenolic handle



180 mm shaft length

| Blade Width | Straight | Backward | Forward |
|-------------|----------|----------|---------|
| 4 mm        | 77-2004  | 77-2204  | 77-2504 |
| 5 mm        | 77-2005  | 77-2205  | 77-2505 |
| 6 mm        | 77-2006  | 77-2206  | 77-2506 |
| 8 mm        | 77-2008  | 77-2208  | 77-2508 |
| 10 mm       | 77-2010  | 77-2210  | 77-2510 |
| 12 mm       | 77-2012  | 77-2212  | 77-2512 |
| 15 mm       | 77-2015  | 77-2215  | 77-2515 |
| 20 mm       | 77-2020  | 77-2220  | 77-2520 |
| 22 mm       | 77-2022  | 77-2222  | 77-2522 |
| 25 mm       | 77-2025  | 77-2225  | 77-2525 |

# Osteotomes + Gouges

## Cobb Gouges

280 mm long, linen phenolic handle, 8 mm wide gouge, 160 mm shaft



**77-3450** straight



**77-3451** light curve



**77-3452** strong curve



**77-3453** retro curve



# Elevators

## Cobb Elevators, light model

250 mm long, linen phenolic handle, semi-sharp, lightly curved blade

|                |            |
|----------------|------------|
| <b>77-3460</b> | 10 mm wide |
| <b>77-3461</b> | 13 mm wide |
| <b>77-3462</b> | 19 mm wide |
| <b>77-3463</b> | 25 mm wide |



## Classic Cobb Elevators

280 mm long, knurled metal handle, semi-sharp, lightly curved blade

|                |            |
|----------------|------------|
| <b>78-3460</b> | 10 mm wide |
| <b>78-3461</b> | 13 mm wide |
| <b>78-3462</b> | 19 mm wide |
| <b>78-3463</b> | 25 mm wide |
| <b>78-3465</b> | 30 mm wide |



## Modified Cobb Elevators

310 mm long, extra long linen phenolic handle, semi-sharp, lightly curved blade

|                |            |
|----------------|------------|
| <b>77-7461</b> | 13 mm wide |
| <b>77-7462</b> | 19 mm wide |
| <b>77-7463</b> | 25 mm wide |
| <b>77-7465</b> | 30 mm wide |



## XL Modified Cobb Elevators

360 mm long, extra long linen phenolic handle, semi-sharp, lightly curved blade

|                |            |
|----------------|------------|
| <b>77-7560</b> | 10 mm wide |
| <b>77-7561</b> | 13 mm wide |
| <b>77-7562</b> | 19 mm wide |
| <b>77-7563</b> | 25 mm wide |
| <b>77-7564</b> | 32 mm wide |



# IVD Rongeurs

## Peapod Rongeurs

Snub-nosed "peapod"  
cups in **satin** and **ceramic**  
finishes



## Satin Finish

| 140 mm shaft length |        |          |         | 180 mm shaft length |          |         |           |
|---------------------|--------|----------|---------|---------------------|----------|---------|-----------|
| BITE WIDTH          |        | Straight | Up 30 ° | Down 30 °           | Straight | Up 30 ° | Down 30 ° |
|                     | 1.0 mm | 83-7841  | 83-7801 | 83-7871             | 83-7861  | 83-7821 | 83-7891   |
|                     | 1.5 mm | 83-7842  | 83-7802 | 83-7872             | 83-7862  | 83-7822 | 83-7892   |
|                     | 2.0 mm | 83-7843  | 83-7803 | 83-7873             | 83-7863  | 83-7823 | 83-7893   |
|                     | 2.5 mm | 83-7844  | 83-7804 | 83-7874             | 83-7864  | 83-7824 | 83-7894   |
|                     | 3.0 mm | 83-7845  | 83-7805 | 83-7875             | 83-7865  | 83-7825 | 83-7895   |
|                     | 4.0 mm | 83-7846  | 83-7806 | 83-7876             | 83-7866  | 83-7826 | 83-7896   |

## Ceramic Finish

| 140 mm shaft length |        |          |          | 180 mm shaft length |          |          |           |
|---------------------|--------|----------|----------|---------------------|----------|----------|-----------|
| BITE WIDTH          |        | Straight | Up 30 °  | Down 30 °           | Straight | Up 30 °  | Down 30 ° |
|                     | 1.0 mm | 837-7841 | 837-7801 | 837-7871            | 837-7861 | 837-7821 | 837-7891  |
|                     | 1.5 mm | 837-7842 | 837-7802 | 837-7872            | 837-7862 | 837-7822 | 837-7892  |
|                     | 2.0 mm | 837-7843 | 837-7803 | 837-7873            | 837-7863 | 837-7823 | 837-7893  |
|                     | 2.5 mm | 837-7844 | 837-7804 | 837-7874            | 837-7864 | 837-7824 | 837-7894  |
|                     | 3.0 mm | 837-7845 | 837-7805 | 837-7875            | 837-7865 | 837-7825 | 837-7895  |
|                     | 4.0 mm | 837-7846 | 837-7806 | 837-7876            | 837-7866 | 837-7826 | 837-7896  |

# IVD Rongeurs

## Gruenwald Rongeurs - Satin Finish



### 180 mm shaft length

| BITE WIDTH |        | Straight | Up 30 ° | Up 45 ° | Down 30 ° | Down 45 ° |
|------------|--------|----------|---------|---------|-----------|-----------|
|            | 1.5 mm | 82-2901  | 82-5301 | 82-5302 | 82-7701   | 82-7702   |
|            | 2.0 mm | 82-3001  | 82-5401 | 82-5402 | 82-7801   | 82-7802   |
|            | 3.0 mm | 82-3201  | 82-5601 | 82-5602 | 82-8001   | 82-8002   |
|            | 4.0 mm | 82-3601  | 82-6001 | 82-6002 | 82-8401   | 82-8402   |

### 200 mm shaft length

| BITE WIDTH |        | Straight | Up 30 ° | Up 45 ° | Down 30 ° | Down 45 ° |
|------------|--------|----------|---------|---------|-----------|-----------|
|            | 1.5 mm | 83-0101  | 83-2501 | 83-2502 | 83-4901   | 83-4902   |
|            | 2.0 mm | 83-0201  | 83-2601 | 83-2602 | 83-5001   | 83-5002   |
|            | 3.0 mm | 83-0401  | 83-2801 | 83-2802 | 83-5201   | 83-5202   |
|            | 4.0 mm | 83-0801  | 83-3201 | 83-3202 | 83-5601   | 83-5602   |

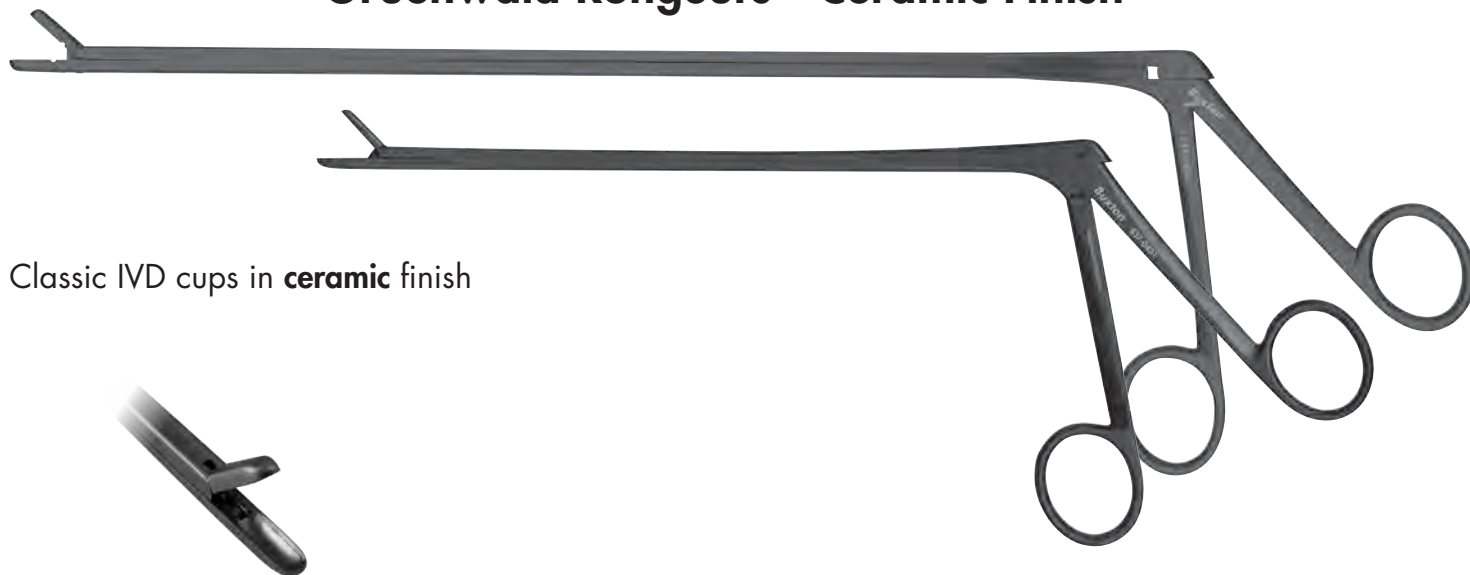
### Anterior Length

#### 300 mm shaft length

| BITE WIDTH |        | Straight | Up 30 ° | Up 45 ° | Down 30 ° | Down 45 ° |
|------------|--------|----------|---------|---------|-----------|-----------|
|            | 2.0 mm | 83-7450  | 83-7460 | 83-7470 | 83-7480   | 83-7490   |
|            | 3.0 mm | 83-7451  | 83-7461 | 83-7471 | 83-7481   | 83-7491   |
|            | 4.0 mm | 83-7452  | 83-7462 | 83-7472 | 83-7482   | 83-7492   |
|            | 5.0 mm | 83-7453  | 83-7463 | 83-7473 | 83-7483   | 83-7493   |

# IVD Rongeurs

## Gruenwald Rongeurs - Ceramic Finish



Classic IVD cups in **ceramic** finish

### 180 mm shaft length

| BITE WIDTH |        | Straight | Up 30 °  | Up 45 °  | Down 30 ° | Down 45 ° |
|------------|--------|----------|----------|----------|-----------|-----------|
|            | 1.5 mm | 827-2901 | 827-5301 | 827-5302 | 827-7701  | 827-7702  |
|            | 2.0 mm | 827-3001 | 827-5401 | 827-5402 | 827-7801  | 827-7802  |
|            | 3.0 mm | 827-3201 | 827-5601 | 827-5602 | 827-8001  | 827-8002  |
|            | 4.0 mm | 827-3601 | 827-6001 | 827-6002 | 827-8401  | 827-8402  |

### 200 mm shaft length

| BITE WIDTH |        | Straight | Up 30 °  | Up 45 °  | Down 30 ° | Down 45 ° |
|------------|--------|----------|----------|----------|-----------|-----------|
|            | 1.5 mm | 837-0101 | 837-2501 | 837-2502 | 837-4901  | 837-4902  |
|            | 2.0 mm | 837-0201 | 837-2601 | 837-2602 | 837-5001  | 837-5002  |
|            | 3.0 mm | 837-0401 | 837-2801 | 837-2802 | 837-5201  | 837-5202  |
|            | 4.0 mm | 837-0801 | 837-3201 | 837-3202 | 837-5601  | 837-5602  |

### Anterior Length

#### 300 mm shaft length

| BITE WIDTH |        | Straight | Up 30 °  | Up 45 °  | Down 30 ° | Down 45 ° |
|------------|--------|----------|----------|----------|-----------|-----------|
|            | 2.0 mm | 837-7450 | 837-7460 | 837-7470 | 837-7480  | 837-7490  |
|            | 3.0 mm | 837-7451 | 837-7461 | 837-7471 | 837-7481  | 837-7491  |
|            | 4.0 mm | 837-7452 | 837-7462 | 837-7472 | 837-7482  | 837-7492  |
|            | 5.0 mm | 837-7453 | 837-7463 | 837-7473 | 837-7483  | 837-7493  |

# IVD Rongeurs

## Weil-Blakesley Disc Rongeur

Teardrop-shaped cups with fenestrations in **satin** and **ceramic** finishes



### Satin Finish

#### 200 mm shaft length

| BITE WIDTH |        | Straight | Up 30 ° | Up 45 ° | Down 30 ° | Down 45 ° |
|------------|--------|----------|---------|---------|-----------|-----------|
|            | 2.5 mm | 83-8001  | 83-8201 | 83-8211 | 83-8401   | 83-8411   |
|            | 3.0 mm | 83-8002  | 83-8202 | 83-8221 | 83-8402   | 83-8421   |
|            | 4.0 mm | 83-8004  | 83-8204 | 83-8241 | 83-8404   | 83-8441   |
|            | 4.5 mm | 83-8005  | 83-8205 | 83-8251 | 83-8405   | 83-8451   |
|            | 5.0 mm | 83-8006  | 83-8206 | 83-8261 | 83-8406   | 83-8461   |

#### 300 mm shaft length (Anterior-length)

| BITE WIDTH |        | Straight | Up 30 ° | Up 45 ° | Down 30 ° | Down 45 ° |
|------------|--------|----------|---------|---------|-----------|-----------|
|            | 3.0 mm | 83-7551  | 83-7561 | 83-7571 | 83-7581   | 83-7591   |
|            | 4.0 mm | 83-7552  | 83-7562 | 83-7572 | 83-7582   | 83-7592   |
|            | 5.0 mm | 83-7553  | 83-7563 | 83-7573 | 83-7583   | 83-7593   |

### Ceramic Finish

#### 200 mm shaft length

| BITE WIDTH |        | Straight | Up 30 °  | Up 45 °  | Down 30 ° | Down 45 ° |
|------------|--------|----------|----------|----------|-----------|-----------|
|            | 2.5 mm | 837-8001 | 837-8201 | 837-8211 | 837-8401  | 837-8411  |
|            | 3.0 mm | 837-8002 | 837-8202 | 837-8221 | 837-8402  | 837-8421  |
|            | 4.0 mm | 837-8004 | 837-8204 | 837-8241 | 837-8404  | 837-8441  |
|            | 4.5 mm | 837-8005 | 837-8205 | 837-8251 | 837-8405  | 837-8451  |
|            | 5.0 mm | 837-8006 | 837-8206 | 837-8261 | 837-8406  | 837-8461  |

#### 300 mm shaft length (Anterior-length)

| BITE WIDTH |        | Straight | Up 30 °  | Up 45 °  | Down 30 ° | Down 45 ° |
|------------|--------|----------|----------|----------|-----------|-----------|
|            | 3.0 mm | 837-7551 | 837-7561 | 837-7571 | 837-7581  | 837-7591  |
|            | 4.0 mm | 837-7552 | 837-7562 | 837-7572 | 837-7582  | 837-7592  |
|            | 5.0 mm | 837-7553 | 837-7563 | 837-7573 | 837-7583  | 837-7593  |

# IVD Rongeurs

## Caspar IVD Rongeurs - Satin Finish

Fenestrated Caspar cups  
with side teeth in **satin**  
finish



### Satin Finish

| 140 mm shaft length |        |          |         |           | 160 mm shaft length |         |           |
|---------------------|--------|----------|---------|-----------|---------------------|---------|-----------|
| BITE WIDTH          |        | Straight | Up 30 ° | Down 30 ° | Straight            | Up 30 ° | Down 30 ° |
|                     | 2.0 mm | 83-6502  | 83-6512 | 83-6522   | 83-6532             | 83-6542 | 83-6552   |
|                     | 3.0 mm | 83-6503  | 83-6513 | 83-6523   | 83-6533             | 83-6543 | 83-6553   |
|                     | 4.0 mm | 83-6504  | 83-6514 | 83-6524   | 83-6534             | 83-6544 | 83-6554   |
|                     | 5.0 mm | 83-6505  | 83-6515 | 83-6525   | 83-6535             | 83-6545 | 83-6555   |
|                     | 6.0 mm | 83-6506  | 83-6516 | 83-6526   | 83-6536             | 83-6546 | 83-6556   |

| 180 mm shaft length |        |          |         |           | 300 mm shaft length (Anterior-length) |         |           |
|---------------------|--------|----------|---------|-----------|---------------------------------------|---------|-----------|
| BITE WIDTH          |        | Straight | Up 30 ° | Down 30 ° | Straight                              | Up 30 ° | Down 30 ° |
|                     | 2.0 mm | 83-6562  | 83-6572 | 83-6582   | 83-7652                               | 83-7662 | 83-7682   |
|                     | 3.0 mm | 83-6563  | 83-6573 | 83-6583   | 83-7653                               | 83-7663 | 83-7683   |
|                     | 4.0 mm | 83-6564  | 83-6574 | 83-6584   | 83-7654                               | 83-7664 | 83-7684   |
|                     | 5.0 mm | 83-6565  | 83-6575 | 83-6585   | 83-7655                               | 83-7665 | 83-7685   |
|                     | 6.0 mm | 83-6566  | 83-6576 | 83-6586   | 83-7656                               | 83-7666 | 83-7686   |

## Caspar “true down-biting” IVD Rongeurs - Satin Finish

200 mm shaft, lower articulating jaw

**83-7252**     2 mm  
**83-7253**     3 mm  
**83-7254**     4 mm



# IVD Rongeurs

## Caspar IVD Rongeurs - Ceramic Finish

Fenestrated Caspar cups  
with side teeth in **ceramic**  
finish



Ceramic Finish

|            |        | 140 mm shaft length |          |           | 160 mm shaft length |          |           |
|------------|--------|---------------------|----------|-----------|---------------------|----------|-----------|
| BITE WIDTH |        | Straight            | Up 30 °  | Down 30 ° | Straight            | Up 30 °  | Down 30 ° |
|            | 2.0 mm | 837-6502            | 837-6512 | 837-6522  | 837-6532            | 837-6542 | 837-6552  |
|            | 3.0 mm | 837-6503            | 837-6513 | 837-6523  | 837-6533            | 837-6543 | 837-6553  |
|            | 4.0 mm | 837-6504            | 837-6514 | 837-6524  | 837-6534            | 837-6544 | 837-6554  |
|            | 5.0 mm | 837-6505            | 837-6515 | 837-6525  | 837-6535            | 837-6545 | 837-6555  |
|            | 6.0 mm | 837-6506            | 837-6516 | 837-6526  | 837-6536            | 837-6546 | 837-6556  |

|            |        | 180 mm shaft length |          |           | 300 mm shaft length (Anterior-length) |          |           |
|------------|--------|---------------------|----------|-----------|---------------------------------------|----------|-----------|
| BITE WIDTH |        | Straight            | Up 30 °  | Down 30 ° | Straight                              | Up 30 °  | Down 30 ° |
|            | 2.0 mm | 837-6562            | 837-6572 | 837-6582  | 837-7652                              | 837-7662 | 837-7682  |
|            | 3.0 mm | 837-6563            | 837-6573 | 837-6583  | 837-7653                              | 837-7663 | 837-7683  |
|            | 4.0 mm | 837-6564            | 837-6574 | 837-6584  | 837-7654                              | 837-7664 | 837-7684  |
|            | 5.0 mm | 837-6565            | 837-6575 | 837-6585  | 837-7655                              | 837-7665 | 837-7685  |
|            | 6.0 mm | 837-6566            | 837-6576 | 837-6586  | 837-7656                              | 837-7666 | 837-7686  |

## Caspar “true down-biting” IVD Rongeurs - Ceramic Finish

200 mm shaft, lower articulating jaw

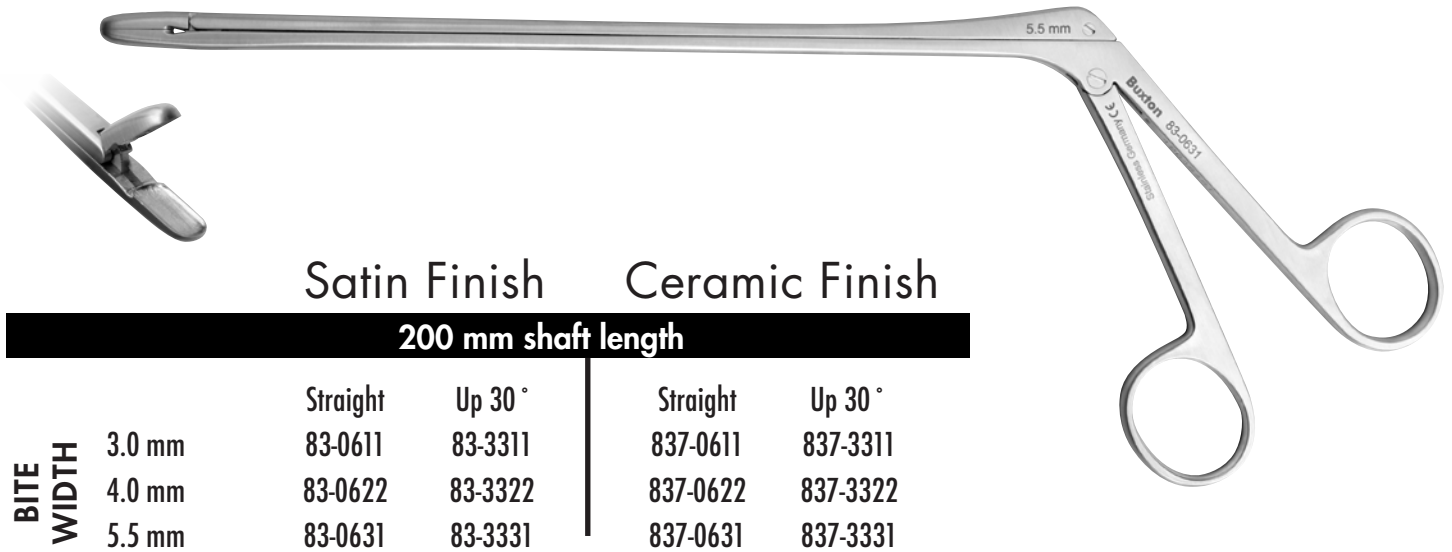
- 837-7252** 2 mm, ceramic
- 837-7253** 3 mm, ceramic
- 837-7254** 4 mm, ceramic



# IVD Rongeurs

## Wagner IVD Rongeurs

IVD cups on a raised platform in **satin** and **ceramic** finishes

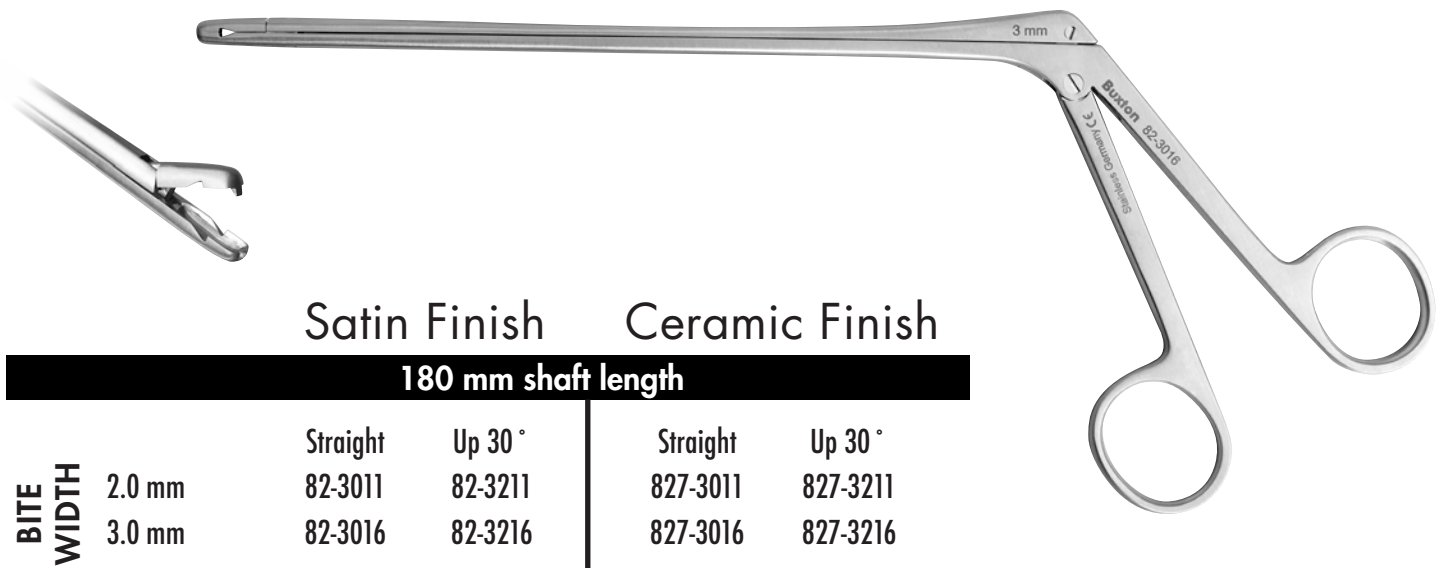


Wagner IVD Rongeurs are shown in two views: a full view and a close-up of the cup. The full view shows a long, straight shaft with a 5.5 mm cup at the distal end. The cup has a raised platform. The handles are curved and have a locking mechanism. The brand name 'Buxton' and model number '83-0631' are visible on the handle.

|               |        | Satin Finish        |         | Ceramic Finish |          |
|---------------|--------|---------------------|---------|----------------|----------|
|               |        | 200 mm shaft length |         |                |          |
|               |        | Straight            | Up 30 ° | Straight       | Up 30 °  |
| BITE<br>WIDTH | 3.0 mm | 83-0611             | 83-3311 | 837-0611       | 837-3311 |
|               | 4.0 mm | 83-0622             | 83-3322 | 837-0622       | 837-3322 |
|               | 5.5 mm | 83-0631             | 83-3331 | 837-0631       | 837-3331 |

## Egg tooth IVD Rongeurs

IVD rongeurs with notched sides and penetrating "tooth" at distal end of cup in **satin** and **ceramic** finishes



Egg tooth IVD Rongeurs are shown in two views: a full view and a close-up of the cup. The full view shows a long, straight shaft with a 3 mm cup at the distal end. The cup has a notched side and a penetrating "tooth" at the distal end. The handles are curved and have a locking mechanism. The brand name 'Buxton' and model number '82-3016' are visible on the handle.

|               |        | Satin Finish        |         | Ceramic Finish |          |
|---------------|--------|---------------------|---------|----------------|----------|
|               |        | 180 mm shaft length |         |                |          |
|               |        | Straight            | Up 30 ° | Straight       | Up 30 °  |
| BITE<br>WIDTH | 2.0 mm | 82-3011             | 82-3211 | 827-3011       | 827-3211 |
|               | 3.0 mm | 82-3016             | 82-3216 | 827-3016       | 827-3216 |



# IVD Rongeurs

## Ferris-Smith Cup Rongeurs

Classic IVD cups on sturdy  
Ferris-Smith handle in both  
**satin** and **ceramic** finishes



### Satin Finish

#### 180 mm shaft length

| BITE WIDTH |        |          |         |           |
|------------|--------|----------|---------|-----------|
|            |        | Straight | Up 30 ° | Down 30 ° |
|            | 2.0 mm | 83-8502  | 83-8512 | 83-8522   |
|            | 2.5 mm | 83-8503  | 83-8513 | 83-8523   |
|            | 3.0 mm | 83-8602  | 83-8612 | 83-8622   |
|            | 4.0 mm | 83-8802  | 83-8812 | 83-8822   |
|            | 6.0 mm | 83-9002  | 83-9012 | 83-9022   |

### Ceramic Finish

#### 180 mm shaft length

| BITE WIDTH |        |          |          |           |
|------------|--------|----------|----------|-----------|
|            |        | Straight | Up 30 °  | Down 30 ° |
|            | 2.0 mm | 837-8502 | 837-8512 | 837-8522  |
|            | 2.5 mm | 837-8503 | 837-8513 | 837-8523  |
|            | 3.0 mm | 837-8602 | 837-8612 | 837-8622  |
|            | 4.0 mm | 837-8802 | 837-8812 | 837-8822  |
|            | 6.0 mm | 837-9002 | 837-9012 | 837-9022  |

# IVD Rongeurs

## Cloward Rongeurs

Robust serrated cups on sturdy  
Ferris-Smith handle in both  
**satin** and **ceramic** finishes



### Satin Finish

#### 200 mm shaft length

| BITE<br>WIDTH |        | Straight | Up 30°  | Down 30° |
|---------------|--------|----------|---------|----------|
|               |        | 83-9903  | 83-9913 | 83-9923  |
|               | 4.0 mm |          |         |          |
|               | 6.0 mm | 83-9906  | 83-9916 | 83-9926  |

### Ceramic Finish

#### 200 mm shaft length

| BITE<br>WIDTH |        | Straight | Up 30°   | Down 30° |
|---------------|--------|----------|----------|----------|
|               |        | 837-9903 | 837-9913 | 837-9923 |
|               | 4.0 mm |          |          |          |
|               | 6.0 mm | 837-9906 | 837-9916 | 837-9926 |

# IVD Rongeurs

## Extraordinary IVD Rongeurs

Robust 8 mm wide serrated cups on sturdy Ferris-Smith handle in both **satin** and **ceramic** finishes.



### Satin Finish

200 mm shaft length

BITE  
WIDTH

8.0 mm

Straight  
84-7450

Up 30°  
84-7460

Up 60°  
84-7470

### Ceramic Finish

200 mm shaft length

BITE  
WIDTH

8.0 mm

Straight  
847-7450

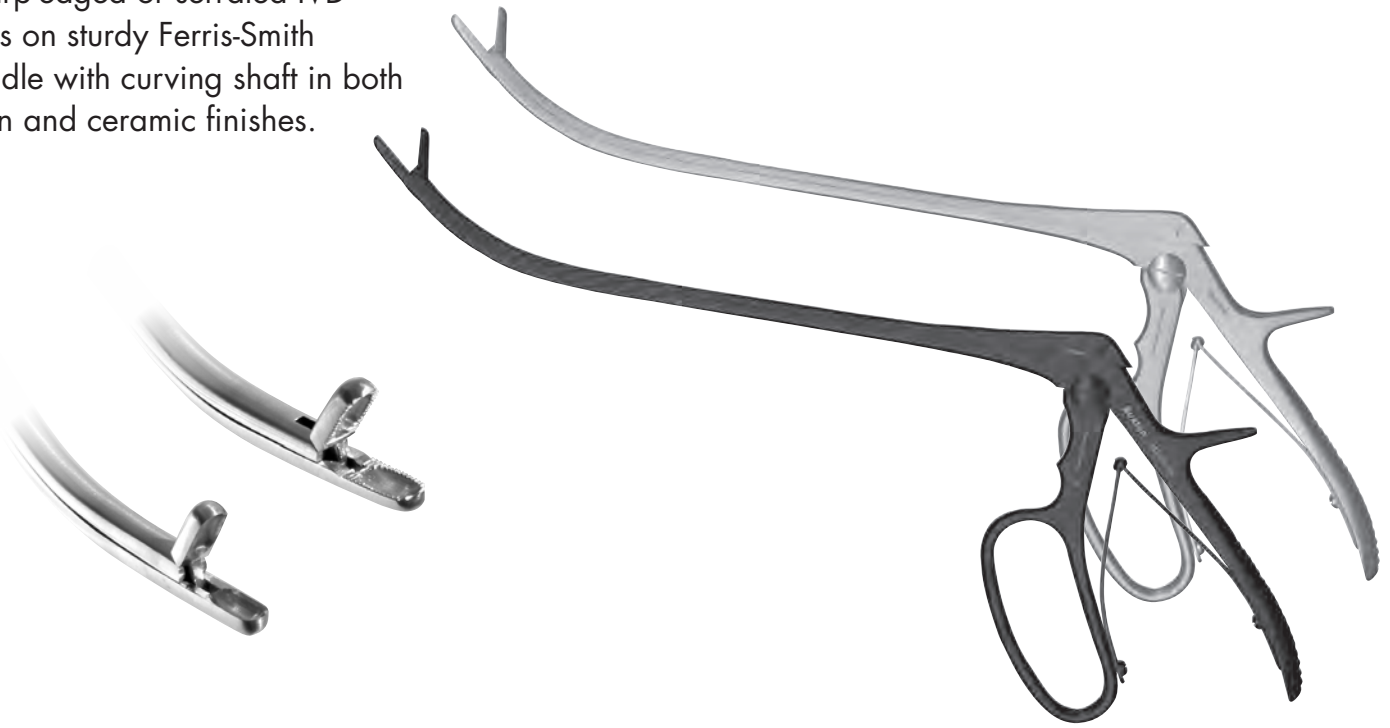
Up 30°  
847-7460

Up 60°  
847-7470

# IVD Rongeurs

## Curved Ferris Smith Cup Rongeurs

Sharp-edged or serrated IVD cups on sturdy Ferris-Smith handle with curving shaft in both satin and ceramic finishes.



### Satin Finish

230 mm shaft length

#### Sharp Cups

|            |      |
|------------|------|
| 835-201-20 | 2 mm |
| 835-201-30 | 3 mm |
| 835-201-40 | 4 mm |

#### Serrated Cups

|            |      |
|------------|------|
| 835-205-50 | 5 mm |
|------------|------|

### Ceramic Finish

230 mm shaft length

#### Sharp Cups

|            |      |
|------------|------|
| 837-201-20 | 2 mm |
| 837-201-30 | 3 mm |
| 837-201-40 | 4 mm |

#### Serrated Cups

|            |      |
|------------|------|
| 837-205-50 | 5 mm |
|------------|------|

# IVD Rongeurs

## Bayonet IVD Rongeurs, for Right Hand - Satin Finish

Classic IVD cups on bayoneted shaft for right-hand use down a tube. **Satin** finish.



### Satin Finish

|            |        | 110 mm shaft length |            |            | 130 mm shaft length |            |            |
|------------|--------|---------------------|------------|------------|---------------------|------------|------------|
| BITE WIDTH |        | Straight            | Up 30 °    | Down 30 °  | Straight            | Up 30 °    | Down 30 °  |
|            | 1.5 mm | 831-111-15          | 831-112-15 | 831-114-15 | 831-131-15          | 831-132-15 | 831-134-15 |
|            | 2.0 mm | 831-111-20          | 831-112-20 | 831-114-20 | 831-131-20          | 831-132-20 | 831-134-20 |
|            | 3.0 mm | 831-111-30          | 831-112-30 | 831-114-30 | 831-131-30          | 831-132-30 | 831-134-30 |
|            | 4.0 mm | 831-111-40          | 831-112-40 | 831-114-40 | 831-131-40          | 831-132-40 | 831-134-40 |

|            |        | 160 mm shaft length |            |            | 180 mm shaft length |            |            |
|------------|--------|---------------------|------------|------------|---------------------|------------|------------|
| BITE WIDTH |        | Straight            | Up 30 °    | Down 30 °  | Straight            | Up 30 °    | Down 30 °  |
|            | 1.5 mm | 831-161-15          | 831-162-15 | 831-164-15 | 831-181-15          | 831-182-15 | 831-184-15 |
|            | 2.0 mm | 831-161-20          | 831-162-20 | 831-164-20 | 831-181-20          | 831-182-20 | 831-184-20 |
|            | 3.0 mm | 831-161-30          | 831-162-30 | 831-164-30 | 831-181-30          | 831-182-30 | 831-184-30 |
|            | 4.0 mm | 831-161-40          | 831-162-40 | 831-164-40 | 831-181-40          | 831-182-40 | 831-184-40 |

# IVD Rongeurs

## Bayonet IVD Rongeurs, for Right Hand - Ceramic Finish

Classic IVD cups on bayoneted shaft for right-hand use down a tube. **Ceramic** finish.



### Ceramic Finish

| 110 mm shaft length |        |            |            | 130 mm shaft length |            |            |            |
|---------------------|--------|------------|------------|---------------------|------------|------------|------------|
| BITE WIDTH          |        | Straight   | Up 30 °    | Down 30 °           | Straight   | Up 30 °    | Down 30 °  |
|                     | 1.5 mm | 838-111-15 | 838-112-15 | 838-114-15          | 838-131-15 | 838-132-15 | 838-134-15 |
|                     | 2.0 mm | 838-111-20 | 838-112-20 | 838-114-20          | 838-131-20 | 838-132-20 | 838-134-20 |
|                     | 3.0 mm | 838-111-30 | 838-112-30 | 838-114-30          | 838-131-30 | 838-132-30 | 838-134-30 |
|                     | 4.0 mm | 838-111-40 | 838-112-40 | 838-114-40          | 838-131-40 | 838-132-40 | 838-134-40 |

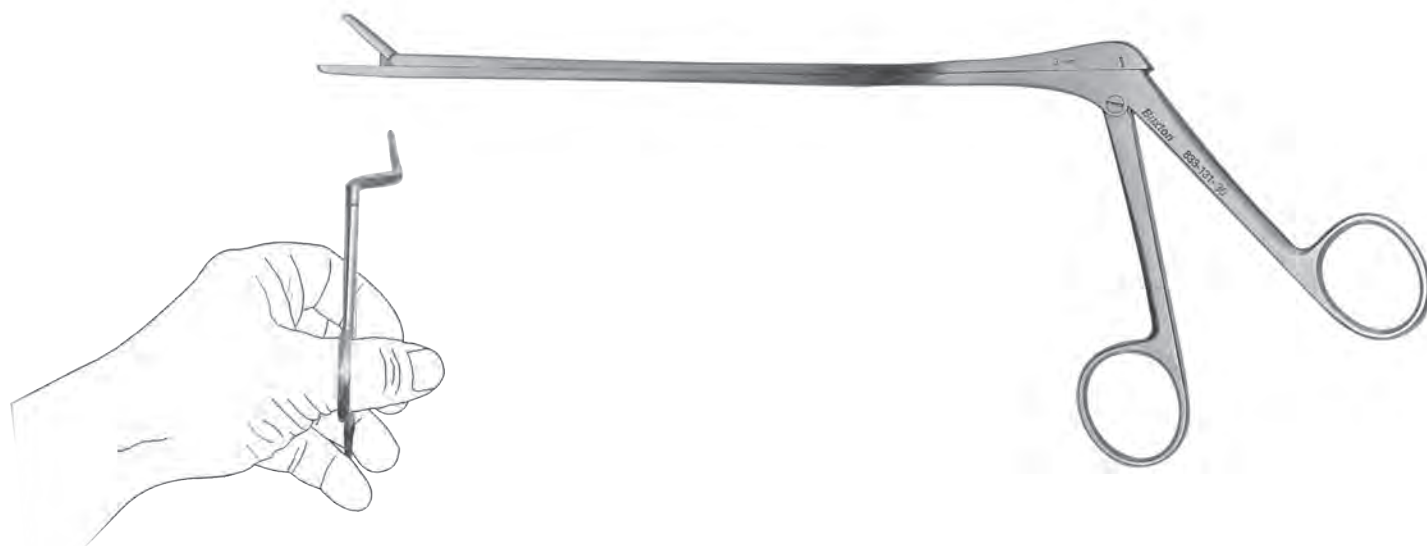
  

| 160 mm shaft length |        |            |            | 180 mm shaft length |            |            |            |
|---------------------|--------|------------|------------|---------------------|------------|------------|------------|
| BITE WIDTH          |        | Straight   | Up 30 °    | Down 30 °           | Straight   | Up 30 °    | Down 30 °  |
|                     | 1.5 mm | 838-161-15 | 838-162-15 | 838-164-15          | 838-181-15 | 838-182-15 | 838-184-15 |
|                     | 2.0 mm | 838-161-20 | 838-162-20 | 838-164-20          | 838-181-20 | 838-182-20 | 838-184-20 |
|                     | 3.0 mm | 838-161-30 | 838-162-30 | 838-164-30          | 838-181-30 | 838-182-30 | 838-184-30 |
|                     | 4.0 mm | 838-161-40 | 838-162-40 | 838-164-40          | 838-181-40 | 838-182-40 | 838-184-40 |

# IVD Rongeurs

## Bayonet IVD Rongeurs, for Left Hand - Satin Finish

Classic IVD cups on bayoneted shaft for left-hand use down a tube. **Satin** finish.



### Satin Finish

| 110 mm shaft length |        |            |            |            | 130 mm shaft length |            |            |
|---------------------|--------|------------|------------|------------|---------------------|------------|------------|
| BITE WIDTH          |        | Straight   | Up 30 °    | Down 30 °  | Straight            | Up 30 °    | Down 30 °  |
|                     | 1.5 mm | 833-111-15 | 833-112-15 | 833-114-15 | 833-131-15          | 833-132-15 | 833-134-15 |
|                     | 2.0 mm | 833-111-20 | 833-112-20 | 833-114-20 | 833-131-20          | 833-132-20 | 833-134-20 |
|                     | 3.0 mm | 833-111-30 | 833-112-30 | 833-114-30 | 833-131-30          | 833-132-30 | 833-134-30 |
|                     | 4.0 mm | 833-111-40 | 833-112-40 | 833-114-40 | 833-131-40          | 833-132-40 | 833-134-40 |

| 160 mm shaft length |        |            |            | 180 mm shaft length |            |            |            |
|---------------------|--------|------------|------------|---------------------|------------|------------|------------|
| BITE WIDTH          |        | Straight   | Up 30 °    | Down 30 °           | Straight   | Up 30 °    | Down 30 °  |
|                     | 1.5 mm | 833-161-15 | 833-162-15 | 833-164-15          | 833-181-15 | 833-182-15 | 833-184-15 |
|                     | 2.0 mm | 833-161-20 | 833-162-20 | 833-164-20          | 833-181-20 | 833-182-20 | 833-184-20 |
|                     | 3.0 mm | 833-161-30 | 833-162-30 | 833-164-30          | 833-181-30 | 833-182-30 | 833-184-30 |
|                     | 4.0 mm | 833-161-40 | 833-162-40 | 833-164-40          | 833-181-40 | 833-182-40 | 833-184-40 |

# IVD Rongeurs

## Bayonet IVD Rongeurs, for Left Hand - Ceramic Finish

Classic IVD cups on bayoneted shaft for left-hand use down a tube. **Ceramic** finish.



### Ceramic Finish

| 110 mm shaft length |        |            |            | 130 mm shaft length |            |            |            |
|---------------------|--------|------------|------------|---------------------|------------|------------|------------|
| BITE WIDTH          |        | Straight   | Up 30°     | Down 30°            | Straight   | Up 30°     | Down 30°   |
|                     | 1.5 mm | 839-111-15 | 839-112-15 | 839-114-15          | 839-131-15 | 839-132-15 | 839-134-15 |
|                     | 2.0 mm | 839-111-20 | 839-112-20 | 839-114-20          | 839-131-20 | 839-132-20 | 839-134-20 |
|                     | 3.0 mm | 839-111-30 | 839-112-30 | 839-114-30          | 839-131-30 | 839-132-30 | 839-134-30 |
|                     | 4.0 mm | 839-111-40 | 839-112-40 | 839-114-40          | 839-131-40 | 839-132-40 | 839-134-40 |

| 160 mm shaft length |        |            |            | 180 mm shaft length |            |            |            |
|---------------------|--------|------------|------------|---------------------|------------|------------|------------|
| BITE WIDTH          |        | Straight   | Up 30°     | Down 30°            | Straight   | Up 30°     | Down 30°   |
|                     | 1.5 mm | 839-161-15 | 839-162-15 | 839-164-15          | 839-181-15 | 839-182-15 | 839-184-15 |
|                     | 2.0 mm | 839-161-20 | 839-162-20 | 839-164-20          | 839-181-20 | 839-182-20 | 839-184-20 |
|                     | 3.0 mm | 839-161-30 | 839-162-30 | 839-164-30          | 839-181-30 | 839-182-30 | 839-184-30 |
|                     | 4.0 mm | 839-161-40 | 839-162-40 | 839-164-40          | 839-181-40 | 839-182-40 | 839-184-40 |



# Double Action Rongeurs

## Mainz Rongeurs

180 mm long, slender, elongated lightly curved jaws

**88-6218** 2.0 mm bite  
**88-6220** 3.0 mm bite



## Smith Peterson Rongeurs

240 mm long, multiple jaw angles



| Bite Width | Straight | Light Curve | Strong Curve | Sharp Angled |
|------------|----------|-------------|--------------|--------------|
| 3.0 mm     | 88-7603  | 88-7613     | 88-7623      | 88-7643      |
| 4.0 mm     | 88-7604  | 88-7614     | 88-7624      | 88-7644      |
| 5.0 mm     | 88-7605  | 88-7615     | 88-7625      | 88-7645      |
| 6.0 mm     | 88-7606  | 88-7616     | 88-7626      | 88-7646      |

# Double Action Rongeurs

## Leksell Rongeurs

240 mm long, standard handle

### Lightly Angled Head

|         |        |
|---------|--------|
| 88-7722 | 2.0 mm |
| 88-7723 | 3.0 mm |
| 88-7724 | 4.0 mm |
| 88-7726 | 6.0 mm |
| 88-7728 | 8.0 mm |



### Strongly Angled Head

|         |        |
|---------|--------|
| 88-7701 | 4.0 mm |
| 88-7702 | 6.0 mm |
| 88-7703 | 8.0 mm |



# Double Action Rongeurs

## Leksell "T-Lex" Rongeurs

240 mm long, curving handle

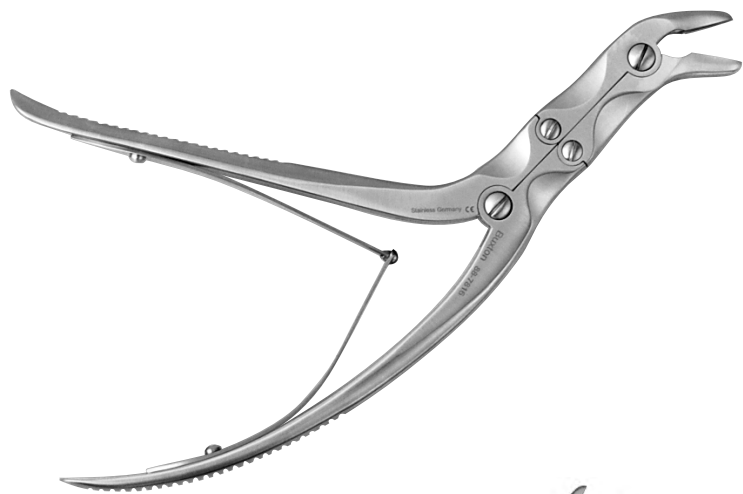
### Lightly Angled Head

|         |        |
|---------|--------|
| 88-7902 | 2.0 mm |
| 88-7903 | 3.0 mm |
| 88-7904 | 4.0 mm |
| 88-7905 | 5.0 mm |



### Strongly Angled Head

|         |        |
|---------|--------|
| 88-7814 | 4.0 mm |
| 88-7816 | 6.0 mm |
| 88-7818 | 8.0 mm |



## Stille Rongeurs

230 mm long, horn grip, strongly angled head

|         |        |
|---------|--------|
| 88-7802 | 2.0 mm |
| 88-7803 | 3.0 mm |
| 88-7804 | 4.0 mm |
| 88-7806 | 6.0 mm |
| 88-7808 | 8.0 mm |



# Double Action Rongeurs

## One Handed Bandit Bayonet Leksell Rongeurs

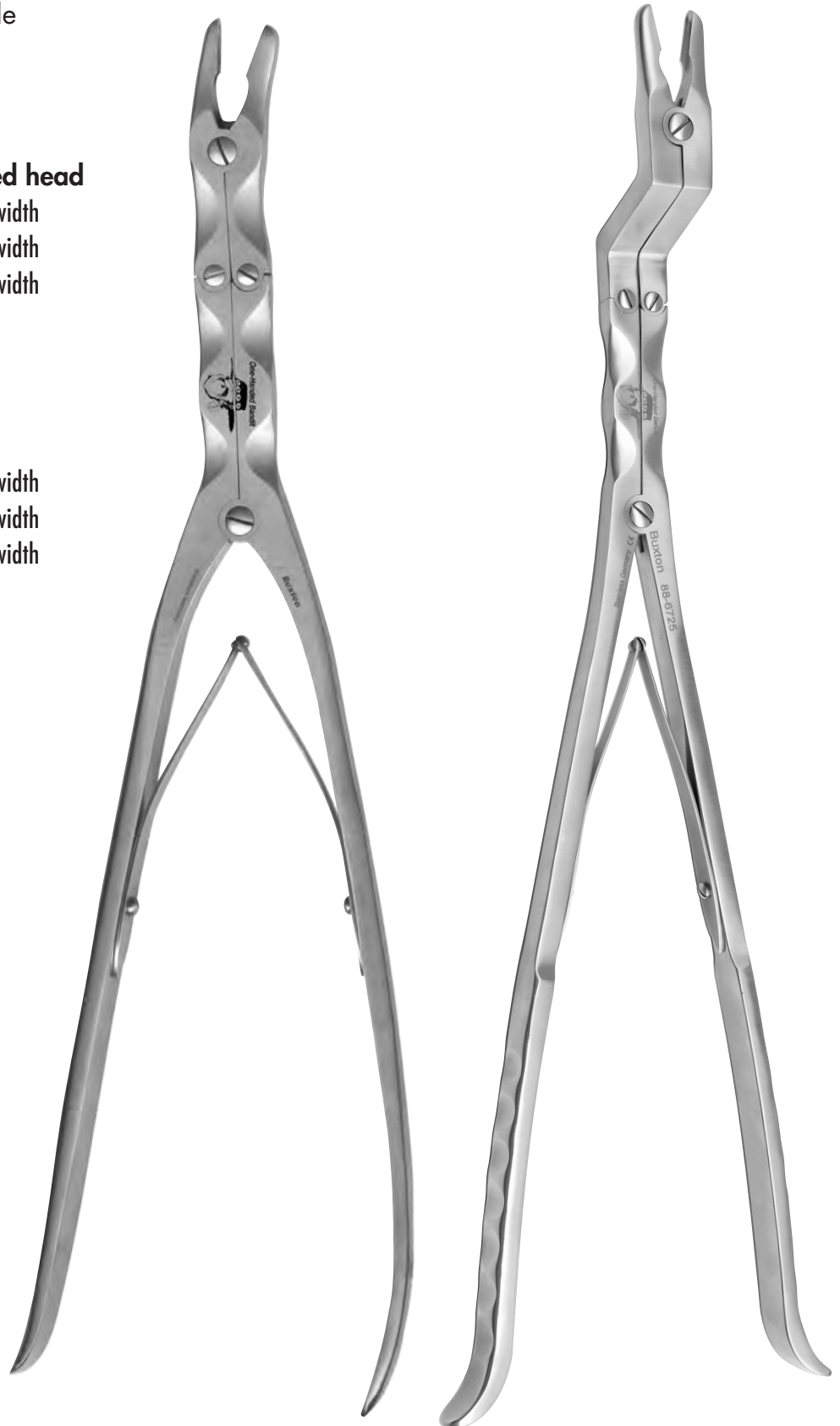
400 mm long, extra long handle

### Straight body, slightly angled head

|         |                   |
|---------|-------------------|
| 88-7713 | 3.0 mm bite width |
| 88-7715 | 5.0 mm bite width |
| 88-7718 | 8.0 mm bite width |

### Bayonet neck

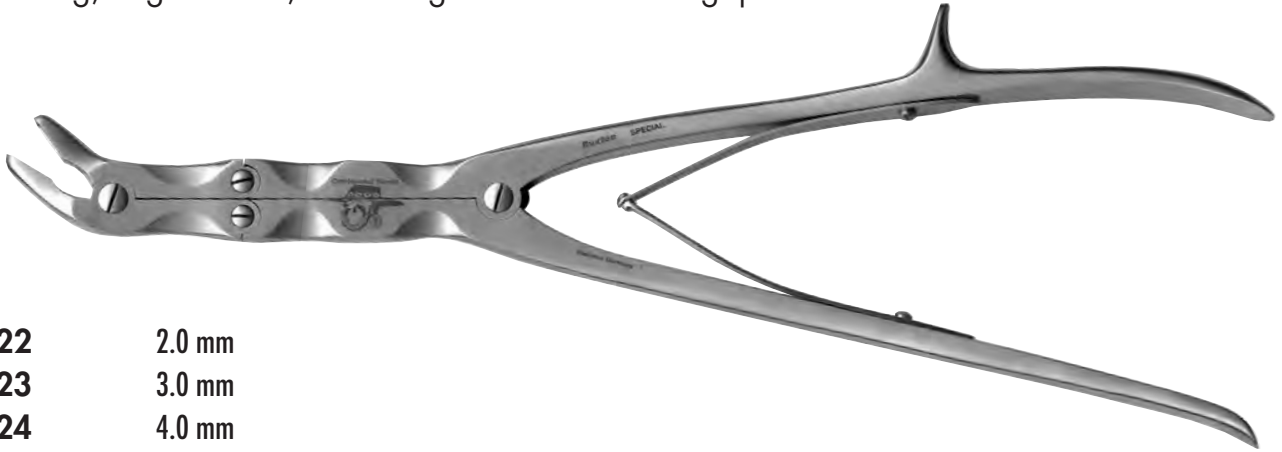
|         |                   |
|---------|-------------------|
| 88-6723 | 3.0 mm bite width |
| 88-6725 | 5.0 mm bite width |
| 88-6728 | 8.0 mm bite width |



# Double Action Rongeurs

## One Handed Bandit Leksell Rongeurs

330 mm long, angled head, extra long handle with horn grip



|         |        |
|---------|--------|
| 88-7822 | 2.0 mm |
| 88-7823 | 3.0 mm |
| 88-7824 | 4.0 mm |
| 88-7826 | 6.0 mm |
| 88-7828 | 8.0 mm |

## Skull Base Rongeurs

180 mm long, offset head, 2 mm cup, bottle-nosed tips



|         |                                |
|---------|--------------------------------|
| 88-6232 | light curve, standard cup      |
| 88-6252 | light curve, shallow LEFT cup  |
| 88-6262 | light curve, shallow RIGHT cup |

## Beyer and Zaufal-Jansen Cup Rongeurs

180 mm long, in straight and light curve

### Straight

|         |                     |
|---------|---------------------|
| 56-3802 | 2 mm, Zwei-Beyer    |
| 56-3803 | 3 mm, Beyer         |
| 56-3804 | 4 mm, Zaufal-Jansen |

### Light curve

|         |                     |
|---------|---------------------|
| 56-3812 | 2 mm, Zwei-Beyer    |
| 56-3813 | 3 mm, Beyer         |
| 56-3814 | 4 mm, Zaufal-Jansen |



# Additional Information

*Buxton BioMedical is a small, veteran-owned company, providing surgeons worldwide with fine instruments since 1993. All instruments are made in Germany unless otherwise noted.*

## Ordering and Prices

Orders may be placed directly with our offices by phone, by fax, or by email. Prices are published as a guide to costs but are subject to change without notice. To verify pricing and availability on a given product, contact our Customer Service Department.

## Website

Our full complement of instrument offerings can be reviewed on our website where latest products, images, extended descriptions and prices can be found. Registering on our site is a convenient means to ordering our printed catalog, obtain a formal quote and accessing current prices when considering specific items. Many documents such as Customer Credit Applications, W-9 and cleaning validation information can be accessed in the "Records" department of our website as well.

## Repairs

If an item is in need of repair or servicing, please contact us directly so we can initiate a repair ticket. Do not send the instrument back without first obtaining a Return Materials Authorization (RMA) code. Blank clean certification forms are available through our Customer Service Department or by going to

**[www.buxtonbio.com/records](http://www.buxtonbio.com/records)**

Click the "Repairing an Instrument" folder, then download and return the completed PDF form "Clean Certification." After the clean certificate is received, an RMA number can be issued. An evaluation of the instrument repair will proceed.

## Warranty

Expect the finest quality surgical instruments from Buxton BioMedical, Inc. Our instruments are warranted against defects in materials and workmanship, but to benefit from the shelter our provisional guarantee affords and to realize the longevity of any device, evidence of proper care is essential. Specific details on cleaning, sterilizing and general maintenance are included with each instrument sold. Our warranties are necessarily nullified when instruments show signs of neglect or are used in a manner other than their intended surgical purpose. Even under the best of circumstances instruments have a limited functional life. Therefore, repair and replacement charges are calculated on a pro rata basis during the first five years following purchase.

## Cleaning Recommendations

Upon receipt inspect instruments for defects. Carefully clean before sterilizing in preparation for its initial use. Always inspect the instrument for broken parts before each use. Clean and disinfect instrument immediately after use.

Do not allow bio fluids or other material to dry onto the instrument; wipe clean and keep moist until the instrument reaches sterile processing.

Rinse thoroughly in lukewarm water. Carefully scrub parts with soft brushes. Flush lumens and joints using a syringe filled with demineralized water. Use low-foaming, enzymatic cleaning solutions with a pH range of 6-8 and follow manufacturer's instructions. Rinse with demineralized water. Lubricate in a water-soluble instrument milk bath.

Store this instrument in a moisture-free location. Always cover and protect sharp edges and delicate tips when not in use.

## Sterilization Recommendations

Sterilize wrapped devices using pre-vacuum cycle for four minutes at 270° F (132°C). Due to the potential damage to non-metal components, chemical sterilization and hot air or steam sterilization in excess of 273°F (134°C) should be avoided.

Allow instruments to dry for a minimum of 20 minutes prior to using in surgery.

## Product Development

Buxton BioMedical was founded with the intent to fulfill the instrument needs in the sub-specialties of spine, shoulder, hand and foot surgeries. We are interested in developing new instrument designs and improving upon existing patterns and always welcome comments and suggestions.

## Other publications

This catalog showcases Buxton's unique collection of instruments for Surgery of the Spine. Catalogs and brochures featuring instrumentation for shoulder and hand & foot surgery are also available. Call, write or email us for your free copy.

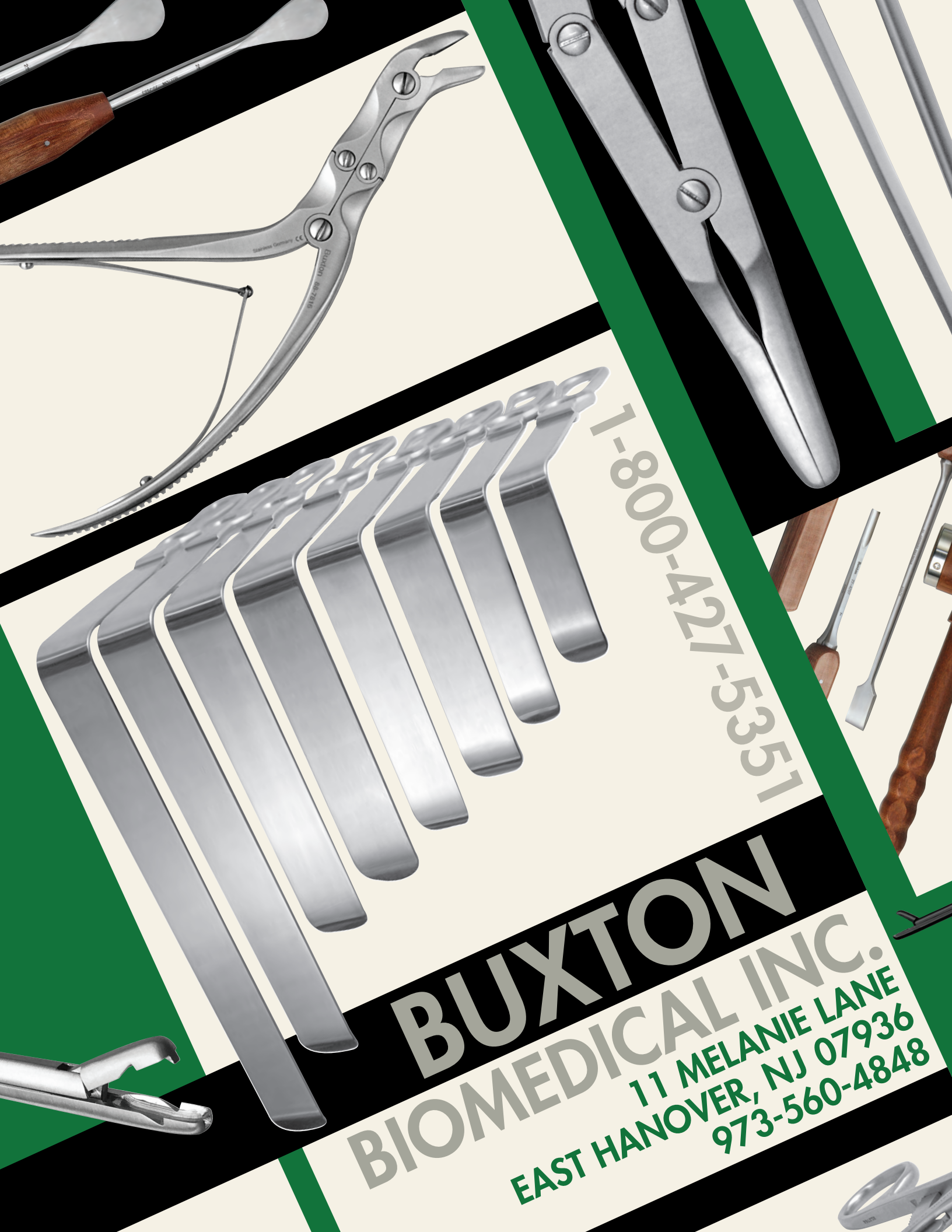
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