ORTHOPAEDIC INSTRUMENTS

CATALOGUE

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WWW.ATHONSURGICAL.COM
### Adson Periosteal Elevator

<table>
<thead>
<tr>
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<tr>
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16cm/6¼” length
Curved blunt

### Pennybacker Periosteal Elevator

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16cm/6¼” length
Curved sharp

### Bone Rasper Raspatory with Tufnol Handle

<table>
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19cm/7½” length

### Farabeuf Rugine Elevator

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15cm/6” length

*illustrated

### Farabeuf Rugine Elevator with Hollow Handle

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</table>

16cm/6½” length

*illustrated
ELEVATORS

Trethowan Bone Elevator
- 22.5cm/8½" length

AS-11-786

Lanes Bone Elevator
- 26cm/10" length

AS-12-786

Fagge Bone Elevator
- 27.5cm/10¼" length

AS-13-786

Bristow Periosteal Elevator
- 23cm/9" length
- Curved sharp
- 10mm width

AS-14-786

Femoral Dislocation Lever
- 31cm/12½" length
- 26mm width

AS-15-786

Muller Femoral Retractor
- 35cm/13½" length
- 28mm width

AS-16-786

For retraction of the femoral neck.
Mini Bone Lever
14cm/5¼”
2.8mm width
AS-17-786

Hohmann Style Mini-Bone Lever
16cm/6¼”
6mm width
AS-18-786

Phalangeal Lever
15cm/6”
5mm width
AS-19-786

Buck-Gramcko Lever
15cm/6”
7.5mm width
AS-20-786

Mini-Cobra Bone Lever
16cm/6¼”
15mm width
AS-21-786

McGlamry Metatarsal Elevator
17cm/6½”
Sharp

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**Hohmann Bone Elevator**
- 22cm/8½” length
- 8mm width

**Hohmann Bone Elevator**
- 24cm/9½” length
- 18mm width

**Hohmann Bone Elevator**
- 24.5cm/9½” length
- 43mm width

**Hohmann Large Bone Elevator**
- 24cm/9½” length
- 70mm width

**Hohmann Bone Elevator**
- 28cm/11” length
- 33mm width

**Hohmann Bone Elevator**
- 26cm/10” length
- 24mm width
Long Curved Hohmann Inferior Hip Elevator
- 40cm/16" length
- 22mm width

Modified Hohmann Elevator
- 90° angled

<table>
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<td>70mm</td>
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Modified Cobra Aufrang Elevator
- 33cm/13" long blade
- 30mm x 100mm

Shallow Bone Elevator
- 25cm 9/4" length

Concave Moor Elevator
- 33cm/13" long blade
PhMury Bone Skid Elevator
- 28cm/11” length
- For dislocation of the femoral head
- Double ended
AS-42-786

Infero-Posterior Acetabular Capsule Retractor
- 35cm/14” length
Right
AS-43-786
Left
AS-44-786

PCL Retractor
- 25cm/10” length
- To straddle the cruciate ligament
- 4mm wide prongs
- 21mm wide tips
AS-45-786

Wide Prong PCL Retractor
- 25cm/10” length
- To straddle the cruciate ligament
- 5mm wide prongs
- 23mm wide tips
AS-46-786
**McMinn Dislocating Hook**
- 25cm/10" length
- Blunt hook
- With Tufnol handle
  
  AS-50-786

**Wroblenski Dislocating Hook**
- 25cm/10" length
- For hooking around the neck of the Femur

  AS-49-786

**Bone Hook Sharp**
- 24.5cm/9½" length
- Sharp

  AS-47-786

**Blunt Hook**
- 20cm/8" length

  AS-48-786
Scaphoid Spreader - Fine Pattern
14cm/5½" length
1 x 2 prongs
6mm
AS-51-786

Scaphoid Spreader - Standard Pattern
14cm/5½" length
6mm
AS-52-786

Baby Inge Bone Spreader
18cm/7" length
7mm Toothed
AS-53-786
7mm Smooth
AS-54-786
7mm Cross Serrated
AS-55-786

Scaglietti Lamina Spreader
28cm/11" length
With speed lock
AS-56-786
Bohler Bone Cutters
- 15cm/6” length
- Double action
- Straight AS-57-786
- Angled AS-58-786

McIndoe Bone Cutters
- 18cm/7” length
- Double action
- Angled jaws
- AS-59-786

Ruskin-Liston Bone Cutters
- 19cm/7½” length
- Double action
- Straight AS-60-786
- Angled AS-61-786

Stille-Liston Bone Cutters
- 27cm/10¾” length
- Double action
- Straight AS-62-786
- Angled AS-63-786

Liston-Key-Horsley Bone Cutters
- 27cm/10¾” length
- Double action
- Angled
- AS-64-786
Kleinert-Kutz Bone Nibbler
14cm/4½” length
Curved
2mm Bite
AS-65-786

Lempert Bone Nibbler
19cm/7½” length
Single action
3mm Bite
AS-66-786

Luer Bone Nibbler
18cm/7” length
Single action
Straight 8mm Bite
Curved 8mm Bite
AS-67-786 AS-68-786

Adsons Bone Nibbler
20cm/8” length
Single action
7mm Bite
AS-69-786
Bohler Bone Nibbler
Curved double action
15cm/6”

3mm Bite
AS-70-786

Marquardt Bone Nibbler
- 20cm/8” length
- Curved double action

3mm Bite
AS-71-786

Beyer Bone Nibbler
Curved double action
18cm/7”

4mm Bite
AS-72-786

Jansen Bone Nibbler
Curved double action
18cm/7”

5mm Bite
AS-73-786
Smith-Peterson Bone Nibbler
- 24 cm/9½" length
- Double action

<table>
<thead>
<tr>
<th>Straight</th>
<th>Light Curve</th>
<th>Bite Size</th>
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<tbody>
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<td>AS-77-786</td>
<td>AS-81-786</td>
<td>6mm</td>
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Leksell Bone Nibbler
- 24 cm/9½" length
- Double action angled

<table>
<thead>
<tr>
<th>Angled Jaw</th>
<th>Bite Size</th>
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<td>AS-83-786</td>
<td>5mm</td>
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<tr>
<td>AS-84-786</td>
<td>8mm</td>
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</table>

Stille-Luer Bone Nibbler
- 22 cm/8½" length
- Double action

<table>
<thead>
<tr>
<th>Straight 10mm Bite</th>
<th>Curved 10mm Bite</th>
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<tbody>
<tr>
<td>AS-85-786</td>
<td>AS-86-786</td>
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'Mr Blobby' Stille-Luer Bone Nibbler
- 26 cm/10¼" length
- Double action

<table>
<thead>
<tr>
<th>Straight 17mm Bite</th>
<th>Curved 17mm Bite</th>
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<tbody>
<tr>
<td>AS-87-786</td>
<td>AS-88-786</td>
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</tbody>
</table>
**Langenbeck Bone Holding Forceps**  
20cm/8" length  
Toothed/serrated jaws  
AS-89-786

**Frosch Bone Holding Forceps**  
* 18cm/7" length  
* Toothed/serrated jaws  
AS-90-786

**St. Thomas Bone Holding Forceps**  
* 18cm/7" length  
* Screw joint  
AS-91-786

**Fergusson Bone Holding Forceps**  
* 20cm/8" length  
* Screw joint  
AS-92-786

**Langenbeck Bone Holding Forceps**  
* 21cm/8¼" length  
AS-93-786
Pelvic Reduction Forceps

- 19cm/7½” length
- Angled, small
- Pointed ball tips
- Speed lock

AS-101-786

Pelvic Reduction Forceps

- 23cm/9” length
- Angled, large
- Pointed ball tips
- Speed lock

AS-102-786

Pelvic Reduction Forceps

- 25cm/10” length
- Straight, large
- Pointed ball tips
- Speed lock

AS-103-786
Semb Bone Holding Forceps
- 19cm/7½” length
- Angled to side

AS-94-786

Hay Groves Bone Holding Forceps
- Screw joints
- Serrated jaws

Length

| AS-95-786 | 20cm/8” | Small |
| AS-96-786 | 25.5cm/10” | Medium |
| AS-97-786 | 30.5cm/12” | Large |

Verbrugge Bone Holding Forceps

Length

| AS-98-786 | 25cm/10” | Small |
| AS-99-786 | 26cm/10½” | Medium |
| AS-100-786 | 27cm/11” | Large |
Pelvic Reduction Forceps
- 40cm/16" length
- Pointed ball tips
- Speed lock

AS-104-786

Pelvic Reduction Forceps
- 30cm/12" length
- Pointed ball tips
- Speed lock

AS-105-786
Meyerding Retractor
- 22cm/9” length

Blade size
AS-106-786 50mm x 16mm
AS-107-786 70mm x 25mm
AS-108-786 90mm x 50mm

Langenbeck Retractor
- 21.5cm/8½” length

Blade size
AS-109-786 22mm x 6mm Small
AS-110-786 45mm x 13mm Medium
AS-111-786 65mm x 25mm Large
AS-112-786 90mm x 20mm Extra large

Volkmann Catspaw Retractor
- 21.5cm/8½”length
- Semi sharp teeth

- 15 x 15mm 3 Prong
  AS-113-786
- 15 x 20mm 4 Prong
  AS-114-786
- 15 x 30mm 6 Prong
  AS-115-786
Charnley Initial Incision Retractor Set

AS-117-786  Complete Set - Basic
Consisting of:
- 1x Frame
- 1x Weight & chain
- 1x Square fitting blade - 50mm depth
- 1x Round fitting blade - 40mm depth

AS-118-786  Complete Set - Extended
Consisting of:
- 1x Frame
- 1x Weight & Chain
- 3x Square fitting blades:  50mm depth
- 75mm depth
- 100mm depth
- 3x Round fitting blades:  40mm depth
- 75mm depth
- 100mm depth

To spread the incision in the fascia lata. It is combined with a weight and chain, which tilts the retractor to an angle of 45 to improve exposure of the anterior aspect of the joint.

Weight & chain
AS-119-786
**Charnley Vertical Retractor**
- 24.5cm/9⅜" length
- 3x4 Sharp prongs
- Blade depth 22mm

![Charnley Vertical Retractor](image)

**Cones Self Retaining Retractor**
- 3x4 Prongs
- Jointed arms

![Cones Self Retaining Retractor](image)

**Blunt Prongs** | **Length** | **Depth**
---|---|---
AS-134-786 | 13cm/5" | 15mm
AS-135-786 | 16cm/6¼" | 15mm
AS-136-786 | 20cm/8" | 20mm
AS-137-786 | 24cm/9½" | 25mm

**Sharp Prongs** | **Length** | **Depth**
---|---|---
AS-138-786 | 13cm/5" | 15mm
AS-139-786 | 16cm/6 ½" | 15mm
AS-140-786 | 20cm/8" | 20mm
AS-141-786 | 24cm/9 ½" | 25mm

**Harvey Jackson Self Retaining Retractor**
- 30.5cm/12" length
- Blade depth 45mm
- 3x3 Sharp prongs

![Harvey Jackson Self Retaining Retractor](image)
Wests S/R Retractor
- 14cm/5½” length
- 3x4 Sharp prongs
AS-126-786

Weitlaner S/R Retractor
- 14cm/5½” length
- 3x4 Blunt prongs
AS-127-786

Travers S/R Retractor
- 20cm/8”length
- 4x5 Blunt prongs
AS-128-786

Norfolk and Norwich S/R Retractor
- 20cm/8”length
- 4x5 Blunt prongs
AS-129-786

Gelpi Laminectomy Retractor
- Sharp prongs

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<th>Length</th>
<th>Prong depth</th>
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<td>AS-131-786</td>
<td>19.5cm/7¾”</td>
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<tr>
<td>AS-132-786</td>
<td>20cm/8”</td>
</tr>
</tbody>
</table>
Charnley Horizontal Hip Retractor
- 28cm/11" length
- Blade depth 18mm
- Hinged joint
- 7" opening

AS-143-786

To retract the detached trochanter headwards, and the femur towards the feet

Hardinge Horizontal Retractor
- Blade depth 18mm
- Hinged joint

AS-144-786

Charnley Pin Retractor
Complete set with:
- T-handle introducer
- Pair of pins with chains

AS-145-786
AS-146-786 T-handle only
AS-147-786 Pair of pins with chain only

One pin, or sometimes two, is driven into the bone of the superior lip of the acetabulum, to stake back the capsule to give a clear view of the superior lip of the acetabulum. The nerve supply to the tensor fasciae femoris is preserved in this exposure by restricting dissection in the cleft in front of the gluteus medius, but this restricts exposure. By using pins to stake back the abductor muscles, a good exposure of the acetabulum can be obtained, and at the same time the nerve supply to tensor fasciae femoris can be preserved. The shot pins do not obstruct the surgeon’s hand in access to the acetabulum. The chain is a safety device to prevent the pins being left in situ.
Viper Hinged Scoliosis Retractor
- 30cm/11¹/₂" length
- Sharp

**Depth Prongs**

| AS-148-786 | 40mm |
| AS-149-786 | 70mm |
| AS-150-786 | 100mm |

Viper Scoliosis Retractor
- 30cm/11¹/₂" length
- Sharp prongs

**Depth Prongs**

| AS-151-786 | 40mm |
| AS-152-786 | 70mm |
| AS-153-786 | 100mm |
Heath Mallet
- 19cm/7” length
- Stainless steel head
- Head size 40mm Ø
- Weight 1020g/36oz

AS-156-786

Mallet with Tufnol Handle
- 23cm/9” length
- Small head size 30mm Ø
  - Weight 350g/12oz
  - AS-157-786
- Medium head size 35mm Ø
  - Weight 550g/20oz
  - AS-158-786
- Large head size 40mm Ø
  - Weight 700g/25oz
  - AS-159-786
London Splint Mallet
18cm/7” length
Head size 30mm Ø
Weight 450g/16.2oz
AS-160-786

Ombredanne Mallet
- 24cm/9½” length
- Head Size 40mm Ø
- Weight 550g/20oz
AS-161-786

Mallet with Tufnol Handle
- 24cm/9½” length
- Lead filled head
- Weight 400g/14oz
AS-162-786

Tufnol Mallet
25.5cm/10” length
Head size 42mm Ø
Weight 250g/10oz
AS-163-786
Mini-Lambotte Osteotome
12.5cm/5” length

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Lambotte Osteotome
25cm/9¾” length

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<tr>
<td>AS-189-786</td>
<td>30mm</td>
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Ultra Fine Osteotome (Titanium Nitrate Coated)
16cm/6¼” length

<table>
<thead>
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<th>Width</th>
<th>Set of 6 sizes: 2mm to 12mm complete with mallet in sterilising case</th>
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<tbody>
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<td>AS-191-786</td>
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<td>10mm</td>
</tr>
<tr>
<td>AS-195-786</td>
<td>12mm</td>
</tr>
</tbody>
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### Stille (Swedish) Osteotome
- **Length**: 20cm/8"
- **Width**

| AS-200-786 | 6mm |
| AS-201-786 | 8mm |
| AS-202-786 | 10mm |
| AS-203-786 | 12mm |
| AS-204-786 | 15mm |
| AS-205-786 | 20mm |
| AS-206-786 | 25mm |
| AS-207-786 | 30mm |

### Mini-Stille Osteotome
- **Length**: 16cm/6¼"
- **Width**

| AS-197-786 | 4mm |
| AS-198-786 | 6mm |
| AS-199-786 | 8mm |

### Osteotome with thin blade
- **Length**: 20cm/8"
- **Extra thin blade**

| Straight | Width | Curved | Width |
| AS-208-786 | 4mm | AS-217-786 | 4mm |
| AS-209-786 | 6mm | AS-218-786 | 6mm |
| AS-210-786 | 8mm | AS-219-786 | 8mm |
| AS-211-786 | 10mm | AS-220-786 | 10mm |
| AS-212-786 | 12mm | AS-221-786 | 12mm |
| AS-213-786 | 15mm | AS-222-786 | 15mm |
| AS-214-786 | 20mm | AS-223-786 | 20mm |
| AS-215-786 | 25mm | AS-224-786 | 25mm |
| AS-216-786 | 30mm | AS-225-786 | 30mm |

### Smith Petersen Osteotome
- **Length**: 20cm/8"
- **Width**

| AS-226-786 | 10mm |
| AS-227-786 | 15mm |
| AS-228-786 | 20mm |
| AS-229-786 | 25mm |
| AS-230-786 | 30mm |
Mini-Lexer Osteotome
- 18cm/7” length
- Tufnol handle

Set of 5 sizes: 2mm to 10mm

<table>
<thead>
<tr>
<th>Width</th>
<th>2mm</th>
<th>4mm</th>
<th>6mm</th>
<th>8mm</th>
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<td>10mm</td>
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</table>

Lexer Osteotome
- 22cm/8½” length
- Tufnol handle

<table>
<thead>
<tr>
<th>Width</th>
<th>7mm</th>
<th>10mm</th>
<th>15mm</th>
<th>20mm</th>
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<td>25mm</td>
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</tbody>
</table>

Dahmen Osteotome
- 30cm/12” length
- Tufnol handle

<table>
<thead>
<tr>
<th>Width</th>
<th>5mm</th>
<th>10mm</th>
<th>15mm</th>
<th>20mm</th>
<th>25mm</th>
<th>30mm</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>AS-243-786</td>
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<td>AS-245-786</td>
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<td>AS-246-786</td>
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<td>AS-247-786</td>
<td>30mm</td>
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</tbody>
</table>

Straight Width

| AS-248-786 | 5mm   |
| AS-249-786 | 10mm  |
| AS-250-786 | 15mm  |
| AS-251-786 | 20mm  |
| AS-252-786 | 25mm  |
| AS-253-786 | 30mm  |
**Box Chisel**
- 29cm/13½" length
- For preparation of the proximal femur
- 31mm width x 6mm

**Pelvic Osteotome**
- 30cm/12" length
- Tufnol handle
- Angled shaft
- 15mm width
- 20mm width

**Chisel with Interchangeable Blades**
- 20cm/8" length
- Tufnol handle
- Very thin blades

**Capener Lamina Gouge**
- 23cm/9" length
- Cranked shaft
**Charnley Bone Curette**
- 37cm/15” length
- T-handle

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>AS Code</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Medium</td>
<td></td>
<td>AS-275-786</td>
</tr>
<tr>
<td>Large</td>
<td></td>
<td>AS-276-786</td>
</tr>
</tbody>
</table>

**Charnley Ring Curette**
- 37cm/15” length
- Double sided
- Serrated cutting edge
- T-handle

AS-277-786

**Volkmann Curette**
- 22cm/8¾” length
- Double ended

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>AS Code</th>
</tr>
</thead>
<tbody>
<tr>
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<td>AS-269-786</td>
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<tr>
<td>Large</td>
<td></td>
<td>AS-270-786</td>
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</tbody>
</table>

**Curette with Tufnol Handle**
- 27cm/9¾” length
- Tufnol handle

<table>
<thead>
<tr>
<th>Description</th>
<th>AS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small cup 9mm Ø</td>
<td>AS-271-786</td>
</tr>
<tr>
<td>Medium cup 13mm Ø*</td>
<td>AS-272-786</td>
</tr>
<tr>
<td>Large cup 27mm Ø</td>
<td>AS-273-786</td>
</tr>
</tbody>
</table>

**Curette with Tufnol Handle**
- 27cm/9¾” length
- Tufnol handle

24cm length
Cup Extraction Chisel
- 32cm/12½” length
- Curved 7mm tip
- Metal strike plate
- Tufnol handle

Bayonet Gouge
- 32cm/12½” length
- Metal strike plate
- Tufnol handle
- 8mm Width

Swan Necked Gouge
- 28.5cm/11” length
- 25mm width

Cement Gouge
- 34.5 cm/13½” length

Cement Chisel Angled 15
- 35.5cm/14 length
- 9mm tip
### Cement Osteotome
- 30cm/12” length
- Tufnol handle with strike plate

<table>
<thead>
<tr>
<th>Width</th>
<th>AS-284-786</th>
<th>5mm</th>
</tr>
</thead>
<tbody>
<tr>
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<td>AS-285-786</td>
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</tr>
<tr>
<td></td>
<td>AS-286-786</td>
<td>10mm</td>
</tr>
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</table>

### Cement Splitting Osteotome
- 30cm/12” length
- Tufnol handle with strike plate
- Guarded blade

<table>
<thead>
<tr>
<th>Width</th>
<th>AS-287-786</th>
<th>5mm</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>AS-288-786</td>
<td>10mm</td>
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</table>

### Straight Cement Gouge
- 30cm/12” length
- Tufnol handle with strike plate

<table>
<thead>
<tr>
<th>Width</th>
<th>AS-289-786</th>
<th>5mm</th>
</tr>
</thead>
<tbody>
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</tr>
<tr>
<td></td>
<td>AS-291-786</td>
<td>10mm</td>
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</tbody>
</table>

### Bayonnet Cement Rasp
- 52cm/20½” length
- Tufnol handle

<table>
<thead>
<tr>
<th>*illustrated</th>
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</thead>
<tbody>
<tr>
<td>AS-292-786</td>
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<tr>
<td>AS-293-786</td>
</tr>
<tr>
<td>AS-294-786</td>
</tr>
</tbody>
</table>
Bayonet Cement Chisel
- 40cm/15 3/4" length
- Tufnol handle with strike plate
- Width
  | AS-295-786 | 5mm |
  | AS-296-786 | 7mm |
  | AS-297-786 | 10mm |

Bayonet Cement Splitting Osteotome
- 40cm/15 3/4" length
- Tufnol handle with strike plate
- Guarded handle
- Width
  | AS-298-786 | 5mm |
  | AS-299-786 | 7mm |
  | AS-300-786 | 10mm |

Bayonet Cement Gouge
- 40cm/15 3/4" length
- Tufnol handle with strike plate
- Width
  | AS-301-786 | 5mm |
  | AS-302-786 | 7mm |
  | AS-303-786 | 10mm |

Bayonet Cement Gouge
- 40cm/15 3/4" length
- Tufnol handle with strike plate
- Width
  | AS-304-786 | 5mm |
  | AS-305-786 | 7mm |
  | AS-306-786 | 10mm |

For cement removal through fenestration in the femur
**Cement Plug Extractor**
- 48cm/19” length
- T-handle
- For extraction of cement plug

<table>
<thead>
<tr>
<th>Thread Dia.</th>
<th>AS-308-786</th>
<th>7mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AS-309-786</td>
<td>9mm</td>
</tr>
<tr>
<td></td>
<td>AS-310-786</td>
<td>11mm</td>
</tr>
</tbody>
</table>

Used with a slotted mallet

**Retrograde Cement Chisel**
- 50cm/19¾” length
- Tefnol T-handle
- Striking plate

<table>
<thead>
<tr>
<th>Width</th>
<th>AS-311-786</th>
<th>5mm</th>
</tr>
</thead>
<tbody>
<tr>
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<td>AS-312-786</td>
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</tr>
<tr>
<td></td>
<td>AS-313-786</td>
<td>10mm</td>
</tr>
</tbody>
</table>

**Slotted Mallet**

AS-314-786

**Cement Extraction Hook**
- 34.5cm/14” length

AS-314-786

3mm tip
Cement Twist Drill Long
- 40cm/15 ¼” length

Diameter
- AS-315-786: 6mm
- AS-316-786: 8mm
- AS-317-786: 10mm

Fine Cement Duckbill Grasping Forceps
- 35cm/14” shaft length
- Fine jaws

Heavy Cement Grasping Forceps
- 26cm/10” shaft length
- Serrated jaws 6mm width
**Femoral Head Extractor**
- 23cm/9” length
- Tufnol handle

AS-320-786

**Moore Femoral Head Extractor**
- 20.5cm/8” length
- Metal handle

AS-321-786

**Joint Capsule Clamp**
- 21cm/8¼” length
- 25mm jaw length

AS-322-786

**Joint Capsule Scissors**
- 25cm/9¾” length
- Angled blades

AS-323-786
Femoral Head Impactor
- 20cm/8” length
- Nylon head
AS-324-786

McGoey Bone Punch
- Double ended

* illustrated

No 1. 13mm x 19mm Ø AS-325-786 Large size

No 2. 6mm x 10mm Ø AS-326-786 *Small size

No 3. 6mm x 13mm Ø AS-327-786 With ats

Hardinge Cement Restrictor
- 33.5cm/13⅝” length
- Graduated shaft

AS-328-786

Femoral Pusher
- Square ended

AS-329-786
Universal Fine Pliers and Cutters
- 15 cm/6” length

Slim & Square Ended Wire Pliers
- 19 cm/7½” length

Pliers for Screw Removal
- 20 cm/8” length

Muller Claus Wire Pullers
- 18 cm/7” length
- Double action
- Tungsten jaws

- 2mm Jaws
- 4mm Jaws
- 6mm Jaws
Muller Claus Wire Cutters
- 16 cm/6” length
- Tungsten carbide edges
- Cuts wire up to 1.6mm Ø

AS-337-786

Muller Claus Wire Cutters
- Tungsten carbide edges

AS-338-786

- 18cm/7” length*
- Cuts wire up to 2mm Ø

AS-339-786

- 22cm/8¾” length*
- Cuts wire up to 3mm Ø

*illustrated

End Wire Cutters
- 18cm/7” length
- Tungsten carbide edges
- Cuts wire up to 1.7mm Ø

AS-340-786

Bolt Cutters with dismantable arms
- Max.cap 6.3mm pins

AS-341-786

Take apart arms for easier sterilisation

Must be used in conjunction with a Rod Holder Ordering Code: 200-675-200
Wire Cutters with T/C Jaws

- 24cm/9 ½" length
- Double action
- Cuts plates & wires up to 2.7mm Ø

'Power Cut' Wire Cutters

- 20cm/8" length
- Cutting inserts are T/C and can be replaced
- Cuts wires up to 3mm Ø

Combined Wire Cutters & Pliers

- 18cm/7" length
- Suitable for wires up to 1.6mm Ø
- Parallel closing jaws

WWW.ATHONSURGICAL.COM
Orthopedic Locking Pliers

- Hardened jaws

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<thead>
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<tbody>
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<td>18cm/7”</td>
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<tr>
<td>AS-351-786</td>
<td>20cm/8”</td>
<td>Medium</td>
</tr>
<tr>
<td>AS-352-786</td>
<td>24cm/9½”</td>
<td>Large</td>
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</table>

Needle Nosed Locking Pliers

- A very useful instrument for orthopaedic surgery allowing the surgeon to securely clamp on to wires and implants.

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
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<tbody>
<tr>
<td>AS-345-786</td>
<td>22cm/8¾”</td>
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<tr>
<td>AS-346-786</td>
<td>25cm/9¾”</td>
</tr>
<tr>
<td>AS-347-786</td>
<td>30cm/11¼”</td>
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</table>

Slap Hammer attachment combined

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<th>Weight</th>
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<tbody>
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<td>AS-348-786</td>
<td>35cm/13¾”</td>
<td>400g</td>
</tr>
<tr>
<td>AS-349-786</td>
<td>35cm/13¾”</td>
<td>700g</td>
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</table>
Bone Mill
- Table mounted with crank handle
- With removable cutting drum
AS-356-786

For gridding bone chips used for bone graft procedures.

Cutting Drum Sizes
- 3mm Ø hole bore
- 4mm Ø hole bore
- 5mm Ø hole bore

Wire Passing Guide
- 21 cm/8¼” length

Used for passing wire around bones.

Large curve 70mm Ø
AS-357-786

Small curve 45mm Ø
AS-358-786

Bone Awl
- Straight with eye

<table>
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<td>AS-360-786</td>
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<td>AS-361-786</td>
<td>2.8mm</td>
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<tr>
<td>AS-362-786</td>
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<td>AS-363-786</td>
<td>3.6mm</td>
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<tr>
<td>AS-364-786</td>
<td>4.0mm</td>
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</table>

Buraq Surgical Corporation
Web: www.buraq.com.pk
E-Mail: bsc@brain.net.pk
**Kirschner Wire Introducing T-Handle**
- 12cm/4¼" length
- 15mm Ø wires

AS-353-786

---

**Steinmann Pin Introducer T-Handle**
- 14cm/5½" length
- 0.5mm - 8mm Ø pins
- With Jacobs chuck & key

AS-354-786

---

**Steinmann Pin Introducer T-Handle**
- 14cm/5½" length
- 0.7mm - 6mm Ø pins
- Universal chuck

AS-355-786
Slotted Head
- 17cm/6¾” length
- For head screws 2.7mm - 4.0mm

AS-365-786

Long Slotted Head
- 25cm/10” length
- For head screws 2.7mm - 4.0mm

AS-366-786

Phillips Head
- 25cm/10” length
- For small Phillips head screws 6mm

AS-367-786

Cross Slotted Head
- 25cm/10” length
- For cross slot screws 6mm

AS-368-786
Hexagonal Head

- 25cm/10” length
- For hexagonal head screws 2.7mm - 4.0mm

For 2.7mm to 3.5mm screws
For 4.5mm to 6.5mm screws

2.5mm Hex
AS-368-786

3.5mm Hex
AS-369-786

Screwdriver Handle

- To fit shafts with quick lock attachment

AS-370-786

Screwdriver Handle Small

- To fit shafts with quick lock attachment

AS-371-786

Shaft with Quick Lock Fitting

- Hexagonal tip

<table>
<thead>
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<th>Diameter</th>
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<tr>
<td>AS-373-786</td>
<td>3.5mm</td>
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</table>
Howarth Elevator
- 21.5cm/8½" length

MacDonald Elevator/Dissector

<table>
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<th>Size</th>
<th>Length</th>
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<tbody>
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<td>19cm/7½&quot;</td>
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<tr>
<td>AS-376-786</td>
<td>23cm/9&quot;</td>
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</table>

Watson Cheyne Dissector

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<thead>
<tr>
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<tbody>
<tr>
<td>AS-377-786</td>
<td>18cm/7&quot;</td>
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<tr>
<td>AS-378-786</td>
<td>23cm/9&quot;</td>
</tr>
<tr>
<td>AS-379-786</td>
<td>25.5cm/10&quot;</td>
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</tbody>
</table>

Freers Elevator/Dissector
- 18.5cm/7¾" length

Swedish Dissector
- 18cm/7” length
Stainless Steel Measuring Ruler

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS-382-786</td>
<td>15cm/6”</td>
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<tr>
<td>AS-383-786</td>
<td>30cm/12”</td>
</tr>
</tbody>
</table>

Measuring Caliper
- 25cm/10” length
- Measuring range 0-50mm

AS-384-786

Vernier Caliper
- 22.5cm/9” length
- Measuring range 15cm

AS-385-786

Depth Gauge
- Measuring depth up to 50mm

AS-386-786

Depth Gauge
- Measuring depth up to 70mm

AS-387-786

Direct Reading Depth Gauge
- 23cm length
- Measuring depth up to 40mm

AS-388-786
Penetrating Bone Gouge
- 22cm/8 1/4” length
- 3mm wide tip

Percussion Bone Awl
- 22cm/8 1/4” length
- Curved, with metal handle

Penetrating Bone Awl
- 18cm/7” length
- Tufnol handle

Crochet Hook Suture Passer
- 18cm/7” length
- Tufnol handle

Suture Passer
- 18/7” cm length
- Tufnol handle
- With hole in tip

The Bone Awls and Suture Passers are used to place sutures along the edge of the Glenoid Rim.
Glenoid Perforating Forceps Light Curve
- 17cm/6.7” length
- Light curve
AS-394-786

For perforating holes in the Glenoid Rim.

Glenoid Perforating Forceps Strong Curve
- 17cm/6.7” length
- Strong curve
AS-395-786

Kolbel Glenoid Elevator
- 30cm/12” length
- 15mm width
- Curved
- Double prong
AS-396-786

Kolbel Glenoid Elevator
- 30cm/12” length
- 20mm width
- Curved
- Double prong
AS-397-786

Posterior Glenoid Elevators
- Curved tip to sit on posterior rim of Glenoid
- For Posterior Retraction of the Humeral Head

<table>
<thead>
<tr>
<th>Width tip</th>
<th>AS-398-786</th>
<th>AS-399-786</th>
<th>AS-400-786</th>
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<tr>
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<tr>
<td>12mm</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>20mm</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Skid Lever
- 28cm/11" length
- Double ended
- 20mm and 30mm blade widths

Humerus Head Retractor
- 18cm/7" length
- Strongly curved
- Double blunt prongs

Bhattman Humerus Head Retractor
- 25cm/9½" length
- 30mm width
- Double prong
### Fukuda Humerus Head Retractor
- 22.5cm/9” length
- Fenestrated

![Illustrated Fukuda Humerus Head Retractor](image)

<table>
<thead>
<tr>
<th>Style</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
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<td>32mm</td>
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</tr>
<tr>
<td>AS-405-786</td>
<td>35mm*</td>
<td></td>
</tr>
<tr>
<td>AS-406-786</td>
<td>37mm</td>
<td></td>
</tr>
</tbody>
</table>

### Darrach Acromial Elevators

- Small 9mm width, 26cm/10” length
- Medium 12mm width, 26cm/10” length
- Large 16mm width, 26cm/10” length
- Extra Large 25mm width, 36cm/14” length

![Illustrated Darrach Acromial Elevators](image)

<table>
<thead>
<tr>
<th>Style</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS-407-786</td>
<td></td>
<td>Small 9mm width</td>
</tr>
<tr>
<td>AS-408-786</td>
<td></td>
<td>Medium 12mm width</td>
</tr>
<tr>
<td>AS-409-786</td>
<td></td>
<td>Large 16mm width</td>
</tr>
<tr>
<td>AS-410-786</td>
<td></td>
<td>Extra Large 25mm width</td>
</tr>
</tbody>
</table>

*Set of 4 Elevators AS-411-786*
These spreaders are used when access is required to the subacromion area. The spreaders distract the humeral head from the acromion.
Kolbel Tissue & Muscle Spreader
- 18cm/7” length
- Straight single blunt prongs
AS-416-786

Kolbel Tissue & Muscle Spreader
- 18cm/7” length
- Angled single blunt prongs
AS-417-786

Kolbel Tissue & Muscle Spreader
- 18cm/7” length
- Angled double blunt prongs
AS-418-786

Capsule Spreader
- 18cm/7” length
- Single blunt prongs
- 90 Angled
AS-419-786
Kolbel Shoulder Retractor
- With 3 pairs of detachable blades
- 23cm/9” length

AS-420-786
Complete set with 3 pairs of blades and retractor frame

AS-421-786
Retractor frame only

Browne Deltoid Retractor
- 27cm/10” length
- 60mm x 65mm blade
- Cupped blade

AS-425-786

Suitable for use in the Delto-Pectoral approach allowing efficient retraction of the Deltoid.
Titanium Bladed Shoulder Retractor
Complete set with:
- 1x Frame
- 2x Blade holders
- 2 Sets of Titanium blades
- Sterilizing container

Frame with Articulating Joints
- Quick lock + unlock for blades
- Maximum spread 10cm

Titanium Retractor Blades
- 30 angled
- Small blade size 22mm x 55mm
- Large blade size 22mm x 65mm

AS-426-786
AS-427-786
AS-428-786
Richardson Retractor
- 20mm width
- 24cm/9” length
AS-429-786

Richardson Retractor
- 28mm width
- 24cm/9” length
AS-430-786

Kolbel Tenectomy Ronguer
- 18cm/7” length
- Jaws 3mm bite
- Strong curved
AS-431-786

Kolbel Bone Nibblers
- 18cm/7” length
- Jaws 5mm bite
- Light curved
AS-432-786

Mallet
- 24cm/9” length
- Tufnol handle
- 480 grams
AS-433-786

Chisel with 4 Interchangeable Blades
- 20cm/8” length
- Tufnol handle
- Complete with blade sizes: 5mm, 10mm, 15mm, 25mm & key
AS-434-786
Get in Touch

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