**OrthoLucent™ Mini Hohmann Retractors**

*Designed by Jeffrey Lawton, MD*

Radiolucent, lightweight retractors

The carbon fiber PEEK material is strong, lightweight, completely radiolucent, can be steam sterilized, and helps to prevent from marring component surfaces.

**PRODUCT NO'S:**

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Overall Length</th>
<th>Blade Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>1594-R</td>
<td>[8 mm Blade]</td>
<td>6.875” (17,5 cm)</td>
<td>8 mm</td>
</tr>
<tr>
<td>1597-R</td>
<td>[16 mm Blade]</td>
<td>6.875” (17,5 cm)</td>
<td>16 mm</td>
</tr>
</tbody>
</table>

*Made Exclusively For Innomed in Switzerland*

---

**Hendren Neuroma Retractor**

*Designed by Douglas H. Hendren, MD*

Narrow tines are delicate on tissue, but sturdy enough to retract bone

Provides excellent exposure. Also helpful in scaphoid fracture repair surgery.

**PRODUCT NO'S:**

<table>
<thead>
<tr>
<th>No</th>
<th>Description</th>
<th>Overall Length</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1680-02</td>
<td>[Large]</td>
<td>5.5” (14 cm)</td>
<td></td>
</tr>
<tr>
<td>1680-01*</td>
<td>[Small]</td>
<td>4.25” (10.8 cm)</td>
<td></td>
</tr>
</tbody>
</table>

*Made Exclusively For Innomed in Germany*
**Chung T-Handle Retractors**

*Designed by Raymond Chung, MD*

*Designed with a T-handle for easier holding and to help reduce finger and thumb fatigue*

<table>
<thead>
<tr>
<th>PRODUCT NO’S:</th>
<th></th>
</tr>
</thead>
</table>
| **1159**  
[Standard Sharp Rake]  
Overall Length: 4.5” (11,4 cm)  
Blade Width: 9 mm  
Blade Depth: 7 mm  
|  |
| **1161**  
[Standard Blunt Rake]  
Overall Length: 4.5” (11,4 cm)  
Blade Width: 9 mm  
Blade Depth: 7 mm  
|  |
| **1162**  
[Standard Senn]  
Overall Length: 4.5” (11,4 cm)  
Blade Width: 6 mm  
Blade Depth: 16 mm  
|  |
| **1159-01**  
[Extended Sharp Rake]  
Overall Length: 5.625” (14,4 cm)  
Blade Width: 9 mm  
Blade Depth: 7 mm  
|  |
| **1161-01**  
[Extended Blunt Rake]  
Overall Length: 5.625” (14,4 cm)  
Blade Width: 9 mm  
Blade Depth: 7 mm  
|  |
| **1162-01**  
[Extended Senn]  
Overall Length: 5.625” (14,4 cm)  
Blade Width: 6 mm  
Blade Depth: 16 mm  
|  |

**New!**  
**EXTENDED SHAFT VERSIONS**

<table>
<thead>
<tr>
<th>PRODUCT NO’S:</th>
<th></th>
</tr>
</thead>
</table>
| **1665**  
[Blade: 6 mm Wide / 35 mm Drop]  
Overall Length: 5.875” (14,9 cm)  
Blade Width: 6 mm  
Blade Drop: 35 mm  
|  |
| **1665-01**  
[Blade: 6 mm Wide / 17 mm Drop]  
Overall Length: 5.5” (14 cm)  
Blade Width: 6 mm  
Blade Drop: 17 mm  
|  |
| **1666**  
[Blade: 8 mm Wide / 35 mm Drop]  
Overall Length: 5.875” (14,9 cm)  
Blade Width: 8 mm  
Blade Drop: 35 mm  
|  |
| **1666-01**  
[Blade: 8 mm Wide / 17 mm Drop]  
Overall Length: 5.5” (14 cm)  
Blade Width: 8 mm  
Blade Drop: 17 mm  
|  |

**Modified Mini Hohmann Retractors**

*Designed by Jeffrey Lawton, MD*

*Used for small bone surgery*

<table>
<thead>
<tr>
<th>PRODUCT NO’S:</th>
<th></th>
</tr>
</thead>
</table>
| **1645**  
Overall Length: 5” (12,7 cm)  
|  |

**J.B. Redler Retractor**

*Designed by M.R. Redler, MD*

**PRODUCT NO:**

| 1645  
Overall Length: 5” (12,7 cm)  
|  |

Uniquely balanced retractor for bone exposure for a multitude of upper extremity procedures

Double-angle design allows for ideal exposure with minimal effort to hold the retractor, while the assistant’s hands are well out of the way of the exposure. The aperture in the base of the handle allows the retractor to be attached via a Penrose drain to the table for hands-free approach.
Faillace Ambidextrous Self-Retaining Retractor

Designed by John J. Faillace, MD

Handle can be rotated away from the surgeon after insertion if desired

PRODUCT NO’S:

<table>
<thead>
<tr>
<th>No.</th>
<th>Teeth</th>
<th>Overall Length</th>
<th>Prong Depth</th>
<th>Prong Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>1580</td>
<td>7</td>
<td>7.5” (19.1 cm)</td>
<td>36 mm</td>
<td></td>
</tr>
<tr>
<td>1579</td>
<td>4</td>
<td>6” (15.2 cm)</td>
<td>36 mm</td>
<td></td>
</tr>
<tr>
<td>1579-01</td>
<td>Small</td>
<td>5.25” (13.3 cm)</td>
<td>20 mm</td>
<td>18 mm / 13 mm</td>
</tr>
</tbody>
</table>

Optional radiolucent carbon fiber PEEK composite blade

The optional radiolucent blade is made of a strong, lightweight carbon fiber PEEK composite material, which is completely radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.

Dodson Modular Retractor

Designed by Mark A. Dodson, MD

Allows the limb to be rotated (pronated or supinated) without loss of exposure. The hohmann retractors have three hole sizes which allow for a variety of positioning angle options using the teeth of the self-retaining retractor, or can also be positioned in-between the teeth. The hohmann is placed around the bone, and thus reduces the force on the soft tissues while increasing exposure. Can be used in the forearm to treat radius and ulna shaft fractures, humerus fractures, as well as in the leg for fibula fractures.

Designed to help expose a small to medium size bone for internal fixation—can be used for distal radius, ulna, humerus, and fibula fractures

PRODUCT NO’S:

<table>
<thead>
<tr>
<th>Set</th>
<th>Replacement Parts:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1838-00</td>
<td>1838-01 (Retractor Only) Overall Length: 5.5” (14cm) Prong Depth: 38 mm Prong Width: 34 mm</td>
</tr>
<tr>
<td></td>
<td>1838-02 (Blade Only – One) Overall Length: 5.25” (13.3 cm) Blade Width: 3/8” (9mm)</td>
</tr>
<tr>
<td></td>
<td>1025 [Sterilization Case Only]</td>
</tr>
<tr>
<td></td>
<td>Optional Parts — Not Included In Set: 1838-02R* [Radiolucent Blade Only – One] Overall Length: 5.25” (13.3 cm) Blade Width: 3/8” (9mm)</td>
</tr>
</tbody>
</table>

*Made Exclusively For Innomed in Switzerland

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

US Patent No. 9,161,745 B2

FREE TRIAL ON MOST INSTRUMENTS

WWW.INNOMED.NET
Wurapa Swivel Blade Retractor
Designed by Raymond Wurapa, MD

Designed for forearm and wrist fracture exposure, the blades swivel for less stress on soft tissue.
Swivel-blade technology helps to allow parallel deployment of retractor blades to maximize wound exposure and minimize edge loading on surrounding soft tissues. Parallel deployment of the retractor blades also helps prevent rotation and migration of the retractor during a procedure.

PRODUCT NO’S:
1646-00 [Set] Includes Retractor and Two Swivel Blades
Also available individually:
1646-01 [Retractor]
Overall Length: 5.125" (13 cm)
Blade Depth: 25 mm
Opens to: 2.5" (6.4 cm)
1646-02 [Swivel Blade]
One blade with this product number, two included in set
Width: .9375" (24 mm)
Depth: .75" (19 mm)

Chung Weitlaner Retractors
Longer prongs allow use in a small, but deep wound.

PRODUCT NO’S:

Prong lengths of 25 mm and 30 mm available with either sharp or blunt tips

Williams Distal Radius Fracture Retractor
Designed by Craig S. Williams, MD and Eric Dahlinger
Designed to provide excellent exposure during fracture reduction and plating.

PRODUCT NO’S:
1837-L [Left]
For Pins up to .045" (1.1 mm)
Overall Length: 4.5" (11,4 cm)
Blade Depth: 20 mm
Blade Width: 12.5 mm
1837-R [Right]
For Pins up to .045" (1.1 mm)
Overall Length: 4.5" (11,4 cm)
Blade Depth: 20 mm
Blade Width: 12.5 mm

1.800.548.2362 | JULY 2020 | FOOT & ANKLE INSTRUMENTS
Grooved pads

Smooth pads

Gorbani Joint Distractor/Compressor  Designed by Naren G. Gorbani, MD
Versatile joint distractor/compressor for arthroscopic or open procedures of foot, ankle, hand, and wrist joints

The surgeon puts the pins in the bone, then slides the holes of the device over the pins and distracts or compresses—the device can be locked in either direction. Especially useful for arthroscopy of subtalar, talo-navicular, calcaneo-cuboid, and wrist joints. The T-wrench helps provide precise, controlled manipulation.

PRODUCT NO’S:
4208-00 [Set] Includes: Distractor/Compressor, T-Wrench, and Case
Available Individually:
4208-01 [Distractor/Compressor Only] Dimensions: 6” w x 5” l (15,2 cm x 12,7 cm) Distracts up to: 3” (7,6 cm) / Compresses down to: .5” (1,3 cm)
4208-TW [T-Wrench] Dimensions: 3” w x 3” l (7,6 cm x 7,6 cm)
1025 [Sterilization Case]

Calcaneal Spreader  Designed by Michael Forness, DO
Separates the calcaneal osteotomized bone for placement of tricortical bone graft
Pads have a large surface area, which easily separates the calcaneal osteotomized bone for placement of tricortical bone graft. Large pad surface area helps prevent the compression of soft calcaneal cancellous bone.

PRODUCT NO’S:
1880 [Standard] Overall Length: 7” (17,8 cm) Pad Dimensions: 15 mm x 12 mm
1881 [Grooved] Overall Length: 7” (17,8 cm) Pad Dimensions: 15 mm x 12 mm

Weinraub Joint and Calcaneal Spreader  Designed by Glenn M. Weinraub DPM, FACFAS
Designed to assist in the opening of small joints of the foot and hand for the application of fusion and graft techniques

PRODUCT NO’S:
Overall Length: 7” (17,8 cm)
1870 Up to .062” (1/16”) (1.6 mm) Pin Diameter
1872 Up to .11” (7/64”) (2.8 mm) Pin Diameter

WWW.INNOMED.NET
FREE TRIAL ON MOST INSTRUMENTS
Calcaneal Lateral Column Spreader

For lateral column lengthening of the calcaneus

Designed by K. Wapner, MD

PRODUCT NO: 1725
- Pads: 14 mm x 12 mm
- Arms Open to: 45 mm
- Overall Length: 4.25" (10.8 cm)

Ortho Self-Retraining Retractor with Pin Guides

Designed to distract a small joint during fusion or osteotomy alignment surgery

PRODUCT NO: 1842-02
- Overall Length: 6.5" (16.5 cm)
- Blade Width: 7 mm
- Blade Extension (beyond guides): .4" (1 cm)
- Blade Thickness: 1.68 mm
- Pin Guide Length: 1.25" (3.2 cm)
- Pin Guide Internal Diameter: .085" (2.1 mm)

Calibrated Ortho Spreader with Slotted Tips

A lamina spreader with a very thin closed profile, designed to enable distraction in tight spaces like the subtalar and talonavicular joints

Designed by Jason Bariteau, MD

PRODUCT NO: 1841
- Overall Length: 6.75" (17.1 cm)
- Prong Length: .5" (12.7 mm)
- Calibrations: 10 mm to 35 mm

HFD Self-Retaining Small Bone Spreader

Versatile spreader featuring narrow tapered blades which, when together, make a small wedge to enter a tight bone interface or osteotomy

Blades feature a non-aggressive grip pattern that can be used when spreading apart bone as well as providing retraction of soft tissue in a smaller wound.

Designed by Sean Dunn, DPM

PRODUCT NO: 1829
- Overall Length: 4.5" (11.4 cm)
- Blade Depth: 28 mm
- Blade Tapers from: 8 mm to 5 mm

1.800.548.2362  JULY 2020  FOOT & ANKLE INSTRUMENTS
Joint, Calcaneal and Small Bone Distractors

Two hole sizes and two arm designs allow for easier pin size selection and helps with distraction in a variety of indications.

<table>
<thead>
<tr>
<th>PRODUCT NO’S:</th>
<th>OUTSPREAD ARMS</th>
<th>CLOSED ARMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4210-LB [Large]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins Overall Length: 8&quot; (20.3 cm)</td>
<td>4210-LS [Large] Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins Overall Length: 6&quot; (15.2 cm)</td>
</tr>
<tr>
<td>4210-SB [Small]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins Overall Length: 6&quot; (15.2 cm)</td>
<td>4210-SS [Small] Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins Overall Length: 4.25&quot; (10.8 cm)</td>
</tr>
<tr>
<td>4210-XSD [Extra Small]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins Overall Length: 4.25&quot; (10.8 cm)</td>
<td></td>
</tr>
</tbody>
</table>

Joint, Calcaneal and Small Bone Distractors with Thumbscrews

Thumbscrews help prevent the unit from sliding on the pins.

With Thumbscrews: Large and Small, Outspread and Closed Arms

Joint, Calcaneal, and Small Bone Compressor

Designed for compression in fracture and osteotomy procedures.

Two hole sizes for ease of pin size selection: .062" (1.6 mm) & .094" (2.4 mm)

<table>
<thead>
<tr>
<th>PRODUCT NO’S:</th>
<th>OUTSPREAD ARMS</th>
<th>CLOSED ARMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4210-SC [Small]</td>
<td>Overall Length: 6&quot; (15.2 cm)</td>
<td>4210-XSC [Extra Small] Overall Length: 4.25&quot; (10.8 cm)</td>
</tr>
</tbody>
</table>
### Joint, Calcaneal, and Small Bone Compressor/Distractors with Speed Lock

*Speed lock helps allow precise control and prevents unintended release*

Two hole sizes allow for pin size selection.

<table>
<thead>
<tr>
<th>PRODUCT NO'S:</th>
<th>CLOSED ARMS WITH SPEED LOCK</th>
</tr>
</thead>
<tbody>
<tr>
<td>4216-LS [Large]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins</td>
</tr>
<tr>
<td>Overall Length: 8&quot; (20.3 cm)</td>
<td></td>
</tr>
<tr>
<td>4216-SS [Small]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins</td>
</tr>
<tr>
<td>Overall Length: 6&quot; (15.2 cm)</td>
<td></td>
</tr>
<tr>
<td>4216-XS [Extra Small]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins</td>
</tr>
<tr>
<td>Overall Length: 4.5&quot; (11.4 cm)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OUTSPREAD ARMS WITH SPEED LOCK &amp; THUMBSCREWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4217-LS [Large]</td>
</tr>
<tr>
<td>Overall Length: 8&quot; (20.3 cm)</td>
</tr>
<tr>
<td>4217-SS [Small]</td>
</tr>
<tr>
<td>Overall Length: 6&quot; (15.2 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRODUCT NO'S:</th>
<th>CLOSED ARMS WITH SPEED LOCK &amp; THUMBSCREWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4217-XS [Extra Small]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins</td>
</tr>
<tr>
<td>Overall Length: 4.5&quot; (11.4 cm)</td>
<td></td>
</tr>
</tbody>
</table>

### Large Pin Distractor and Compressor

*Larger 1/8" (3.2 mm) pin hole size for extra sturdy distraction or compression*

<table>
<thead>
<tr>
<th>PRODUCT NO'S:</th>
</tr>
</thead>
<tbody>
<tr>
<td>4233 [Large Pin Distractor]</td>
</tr>
<tr>
<td>Overall Length: 8&quot; (20.3 cm)</td>
</tr>
<tr>
<td>4234 [Large Pin Compressor]</td>
</tr>
<tr>
<td>Overall Length: 8&quot; (20.3 cm)</td>
</tr>
</tbody>
</table>

### Joint, Calcaneal, and Small Bone Compressor/Distractor

*Selection lever switches the mechanism from compression to distraction*

Simply squeeze the handle one time after direction selection to engage the mechanism. Two hole sizes for pin size selection.

<table>
<thead>
<tr>
<th>PRODUCT NO:</th>
</tr>
</thead>
<tbody>
<tr>
<td>4865-LS</td>
</tr>
<tr>
<td>Holes For: .062&quot; &amp; .094&quot; (1.6 &amp; 2.4 mm) K-wire Pins</td>
</tr>
</tbody>
</table>
Wurapa Small Joint Compressor and Distractor

Designed by Raymond K. Wurapa, MD

**Designed to allow one-handed manipulation and deployment once fixation pins are placed**

**HFD Compressor/Distractor**

Dial mechanism helps allow precise control of inserted wires—
for maintaining a position, compressing or distracting

- A .125" (3.2 mm) pin can be used in the holes of the thumbwheel for leverage
- Small: Two hole sizes allow for ease of pin size selection: .045" (1.1 mm) & .062" (1.6 mm)
- Large: Two hole sizes allow for ease of pin size selection: .082" (2.0 mm) & .125" (3.2 mm)
- Radiolucent arms are a steam sterilizable PEEK/Carbon Fiber composite

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>SMALL</th>
<th>LARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1834</td>
<td>1836</td>
</tr>
<tr>
<td>[Small – All Stainless Steel]</td>
<td>[Large – All Stainless Steel]</td>
</tr>
<tr>
<td>Dimensions: 51 mm x 57 mm</td>
<td>Overall Length: 4&quot; (10.2 cm)</td>
</tr>
<tr>
<td>Maximum Arm Opening: 1.35&quot; (3.4 cm)</td>
<td>Maximum Arm Opening: 2.25&quot; (5.7 cm)</td>
</tr>
<tr>
<td>1834-R</td>
<td>1836-R</td>
</tr>
<tr>
<td>[Small With Radiolucent Arms]</td>
<td>[Large With Radiolucent Arms]</td>
</tr>
<tr>
<td>Dimensions: 51 mm x 57 mm</td>
<td>Overall Length: 4&quot; (10.2 cm)</td>
</tr>
<tr>
<td>Maximum Arm Opening: 1.35&quot; (3.4 cm)</td>
<td>Maximum Arm Opening: 2.25&quot; (5.7 cm)</td>
</tr>
</tbody>
</table>

**Radiolucent arms**

**Wurapa Small Joint Compressor and Distractor**

Designed by Raymond K. Wurapa, MD

**Designed to allow one-handed manipulation and deployment once fixation pins are placed**

**Compressor**

- A .125" (3.2 mm) pin can be used in the holes of the thumbwheel for leverage
- Small: Two hole sizes allow for ease of pin size selection: .045" (1.1 mm) & .062" (1.6 mm)
- Large: Two hole sizes allow for ease of pin size selection: .082" (2.0 mm) & .125" (3.2 mm)
- Radiolucent arms are a steam sterilizable PEEK/Carbon Fiber composite

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>SMALL</th>
<th>LARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1834</td>
<td>1836</td>
</tr>
<tr>
<td>[Small – All Stainless Steel]</td>
<td>[Large – All Stainless Steel]</td>
</tr>
<tr>
<td>Dimensions: 51 mm x 57 mm</td>
<td>Overall Length: 4&quot; (10.2 cm)</td>
</tr>
<tr>
<td>Maximum Arm Opening: 1.35&quot; (3.4 cm)</td>
<td>Maximum Arm Opening: 2.25&quot; (5.7 cm)</td>
</tr>
<tr>
<td>1834-R</td>
<td>1836-R</td>
</tr>
<tr>
<td>[Small With Radiolucent Arms]</td>
<td>[Large With Radiolucent Arms]</td>
</tr>
<tr>
<td>Dimensions: 51 mm x 57 mm</td>
<td>Overall Length: 4&quot; (10.2 cm)</td>
</tr>
<tr>
<td>Maximum Arm Opening: 1.35&quot; (3.4 cm)</td>
<td>Maximum Arm Opening: 2.25&quot; (5.7 cm)</td>
</tr>
</tbody>
</table>

**FREE TRIAL ON MOST INSTRUMENTS**

[www.innomed.net](http://www.innomed.net)

MADE EXCLUSIVELY
FOR INNOMED IN
GERMANY
Desai Clearview Open Blade Self-Retaining Retractor
Designed by Sarang Desai, DO
Open blade design allows clear visualization of soft tissue and neurovascular structures being retracted
Tapered blades allows 90° deep soft tissue retraction and easy insertion into the wound. The open blades also allow surgeon to work in open blade area, such as for gastroc recession surgery.

Strayer Retractor
Designed by Irvin Oh, MD
A lamina spreader with long thin blades designed to retract the soleus muscle and soft tissue for isolation and exposure of the gastrocnemius fascia for release

Percutaneous Achilles Repair Forceps
FOR LIMITED OPEN ACHILLES TENDON REPAIR
Designed by James A. Akes, MD
Designed to help improve accuracy during percutaneous repair of Achilles tendon ruptures

Lateral Bump
The bump on the lateral side of each loop allows the surgeon to palpate the exact center of the loop, proximal to distal, and drop a needle just below (patient is prone) or anterior to the bump for the starting point, and aim to just below the bump on the opposite side.
Desai Jones Fracture Reduction Clamp
Designed by Sarang Desai, DO
Designed to reduce and maintain reduction of Jones fractures, helping to prevent distraction and/or rotation during wire, tap, and subsequent screw placement
Distally there are two k-wire holes for placement in the distal 5th metatarsal and the 2-pronged clamp proximally is placed on the tuberosity, allowing a “high and inside” screw placement without interference.

Stanton Articulating Small Bone Clamps
Designed by John L. Stanton, MD
Opposing clamps facilitate manipulation of fracture ends
The small tube allows use of a towel clamp to compress non-union and shortening osteotomies during fixation, as well as to allow the use of Gelpi retractors to distract malunions during revision surgery.

Mogul K-Wire/Pin Insertion Guide
Designed by Stuart J. Mogul, DPM, FACFAS
A guide designed for passing guide pins or k-wires through two adjacent metatarsal bones

Argintar Claw Drill Guide Wire/Suture Passer
Designed by Evan Argintar MD
Expandable claw design allows for minimally invasive, reproducible one-step wire/suture passage
Especially helpful during applications where a suture will be passed—particularly when soft tissue dissection is to be minimized, such as wrist reconstruction (DRUJ), elbow reconstruction (ULCL/MCL), foot-ankle reconstruction (ATFL), quad/patella tendon repair surgery, and multi-ligament knee reconstruction (MCL/LCL).
Redler Percutaneous Pin Clamp

*Holds a small bone in apposition during percutaneous pinning of a fracture*

Designed with a proximal pin tube with teeth; the tube guides the pin and the teeth help keep the tube in place on the bone. The distal tip is used to control the bone fragment. Includes a long ratchet for locking on various sized bones, from 1 mm to 14 mm. Also useful during insertion of cannulated screw guide wires.

<table>
<thead>
<tr>
<th>PRODUCT NO:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1810-03</td>
<td>Tube Diameter: .035&quot; (.9 mm)</td>
</tr>
<tr>
<td>1810-04</td>
<td>Tube Diameter: .045&quot; (1.1 mm)</td>
</tr>
<tr>
<td>1810-06</td>
<td>Tube Diameter: .062&quot; (1.6 mm)</td>
</tr>
</tbody>
</table>

Chang Pin Clamp

*Designed to allow accurate insertion of pins for internal fixation*

Used for small bones, the clamp allows accurate insertion of pins for internal fixation. The cannula has a 1.8 mm internal diameter.

<table>
<thead>
<tr>
<th>PRODUCT NO:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1760-01</td>
<td>Cannula Internal Diameter: 1.8 mm</td>
</tr>
<tr>
<td>Overall Length: 5&quot; (12.7 cm)</td>
<td></td>
</tr>
<tr>
<td>Locking Ratchet Opens To: 25 mm</td>
<td></td>
</tr>
</tbody>
</table>

Ludloff/Mau Osteotomy Fixation Clamp

*Used after lateral hallux valgus correction of the metatarsal, the clamp allows for osteotomy fixation and cannulated screw guide wire direction*

Clamp fixes the osteotomy to hold the correction, and the 15° slanted cannulated k-wire guide allows the surgeon to place the guide wire for the cannulated screw perpendicular to the osteotomy for final fixation of the osteotomy.

<table>
<thead>
<tr>
<th>PRODUCT NO:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1812</td>
<td>Cannula Accepts K-wire up to: .045&quot; (1.1 mm)</td>
</tr>
<tr>
<td>Overall Length: 5&quot; (12.7 cm)</td>
<td></td>
</tr>
</tbody>
</table>

Teurlings Medial Malleolar Clamp with Wire Guide

*Helps to stabilize the medial malleolar fragment during internal fixation*

Designed by Luc Teurlings, MD

<table>
<thead>
<tr>
<th>PRODUCT NO:</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1803</td>
<td>Cannula Diameter: .062&quot; (1.6 mm)</td>
</tr>
<tr>
<td>Overall Length: 5.25&quot; (13.3 cm)</td>
<td></td>
</tr>
</tbody>
</table>
**Pointed Fracture Reduction Clamps**

**Designed by Reza Firoozabadi, MD MA**

Versatile set of fracture reduction clamps, each with a specific tine design that allows for appropriate vector placement so that anatomic reduction can be obtained in a number of different types of fractures:

- 1.9 mm tines allow for a snug fit in 2 mm drill holes
- Tines angled to prevent clamp “slippage” with compression
- Straight tines can be placed deep within bone which allows for far cortex compression.
- Clamps incorporate a box joint design that prevents clamp joint loosening and the need for tightening.
- Example applications: any transverse fracture (straight-straight clamp), both bone forearm fractures, olecranon fractures, medial malleolus fractures, and many more.
- Speed Lock Style: Extra-long spin down allows for increased range of clamp use, and open-topped joint rotates to allow for increased range of opening, and also allows for quick release.

### PRODUCT NO’S:

<table>
<thead>
<tr>
<th>SMALL WITH SPEED LOCK MECHANISM</th>
<th>MEDIUM WITH SPEED LOCK MECHANISM</th>
</tr>
</thead>
<tbody>
<tr>
<td>3666 [Straight Left &amp; Right]</td>
<td>3666-01 [Straight Left &amp; Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3667 [Curved Left &amp; Right]</td>
<td>3667-01 [Curved Left &amp; Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3666-L [Curved Left, Straight Right]</td>
<td>3666-L-01 [Curved Left, Straight Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3666-R [Straight Left, Curved Right]</td>
<td>3666-R-01 [Straight Left, Curved Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SMALL WITH RATCHET MECHANISM</th>
<th>MEDIUM WITH RATCHET MECHANISM</th>
</tr>
</thead>
<tbody>
<tr>
<td>3668 [Straight Left &amp; Right]</td>
<td>3668 [Straight Left &amp; Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3669 [Curved Left &amp; Right]</td>
<td>3669 [Curved Left &amp; Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3668-L [Curved Left, Straight Right]</td>
<td>3668-L [Curved Left, Straight Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3668-R [Straight Left, Curved Right]</td>
<td>3668-R [Straight Left, Curved Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
</tbody>
</table>

### Duncan Metatarsal Clamp

**Designed by Gregory S. Duncan, DPM**

Designed to be used on bones of the foot to stabilize an osteotomy or fracture in the corrected position for fixation through the opening in the top of the clamp.

May also be used for open reduction internal fixation for hand or fibula procedures.

### PRODUCT NO’S:

<table>
<thead>
<tr>
<th>SMALL WITH SPEED LOCK MECHANISM</th>
<th>MEDIUM WITH SPEED LOCK MECHANISM</th>
</tr>
</thead>
<tbody>
<tr>
<td>3668 [Straight Left &amp; Right]</td>
<td>3668 [Straight Left &amp; Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3669 [Curved Left &amp; Right]</td>
<td>3669 [Curved Left &amp; Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3668-L [Curved Left, Straight Right]</td>
<td>3668-L [Curved Left, Straight Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3668-R [Straight Left, Curved Right]</td>
<td>3668-R [Straight Left, Curved Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SMALL WITH RATCHET MECHANISM</th>
<th>MEDIUM WITH RATCHET MECHANISM</th>
</tr>
</thead>
<tbody>
<tr>
<td>3668 [Straight Left &amp; Right]</td>
<td>3668 [Straight Left &amp; Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3669 [Curved Left &amp; Right]</td>
<td>3669 [Curved Left &amp; Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3668-L [Curved Left, Straight Right]</td>
<td>3668-L [Curved Left, Straight Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
<tr>
<td>3668-R [Straight Left, Curved Right]</td>
<td>3668-R [Straight Left, Curved Right]</td>
</tr>
<tr>
<td>Overall Length: 5.5” (14 cm)</td>
<td>Overall Length: 7” (17.8 cm)</td>
</tr>
</tbody>
</table>

### Pointed Fracture Reduction Clamps

- **Small with Speed Lock**
  - Small with Speed Lock Mechanism
  - Overall Length: 5.5” (14 cm)
  - Clamp Pads: 1.3” x .625” (3.3 cm x 1.6 cm)

### Duncan Metatarsal Clamp

- **Small with Speed Lock**
  - Overall Length: 5.5” (14 cm)
  - Clamp Pads: 1.3” x .625” (3.3 cm x 1.6 cm)

- **Medium with Speed Lock**
  - Overall Length: 6.5” (16.5 cm)
  - Clamp Pads: 1.3” x .625” (3.3 cm x 1.6 cm)

- **Large with Speed Lock**
  - Overall Length: 8” (20.3 cm)
  - Clamp Pads: 1.3” x .625” (3.3 cm x 1.6 cm)

**FREE TRIAL ON MOST INSTRUMENTS**

**WWW.INNOMED.NET**
Calvo Medial Malleolus Fracture Clamp
Designed by Ignacio Calvo, MD
Designed to reduce and hold a displaced medial malleolus fracture
Also very useful in olecranon fractures.

PRODUCT NO’S:
1801-L [Left]
1801-R [Right]

Medial Malleolar/Bone Fragment Clamps
Designed by Edward L. Sclamberg, MD
Quick tightening & release low profile clamp with unlimited settings

PRODUCT NO’S:
1840 [Large] Overall Length: 8” (20.3 cm) Clamp End Length: 3”
1835 [Medium] Overall Length: 6” (15.2 cm) Clamp End Length: 2”
1830 [Standard] Overall Length: 5.5” (14 cm) Clamp End Length: 1”

Bush Small Bone Reduction Forceps
Designed by Andrew P. Bush, MD
Designed to help hold a small bone or bone plate in position for reduction and fixation
Opens to approximately 5” (13 mm).

PRODUCT NO’S:
1889 [Single] Overall Length: 4.5” (11.4 cm) Jaw Width: .15” (3.7 mm)
1888 [Double] Overall Length: 4.5” (11.4 cm) Jaw Width: .7” (17.7 mm)
Faillace Extra Small Bone Clamp
Designed by John J. Faillace, MD
Delicate enough to use on metacarpals but strong enough for distal radius and larger bones with its extra long ratchet

**PRODUCT NO: 1171**
- Overall Length: 5" (12.7 cm)
- Jaw Length: 1" (2.5 cm)

O’Brien Bone Clamps
Designed by Todd O’Brien, DPM
Designed for use in stabilization of a fracture or osteotomy
Allows for placement of the bone clamp where it can best stabilize bone fragments. The drill guide allows for screw placement through the top of the clamp. Calibrations on the handle help eliminate the use of a depth gauge.

**PRODUCT NO’S:**
- **1890-02 [Large]**
  - Drill Guide Diameter: 10 mm
  - (accommodates up to 6.5 mm screw)
  - Calibrated from 12 mm to 40 mm
  - Overall Length: 9.25" (23.5 cm)

- **1890-01 [Small]**
  - Drill Guide Diameter: 8 mm
  - (accommodates up to 4 mm screw)
  - Calibrated from 8 mm to 30 mm
  - Overall Length: 6" (15.2 cm)

- **1890-XSM** [Extra Small]
  - Drill Guide Diameter: 6 mm
  - Overall Length: 4" (10.2 cm)

Durham Bone Reduction Clamp
Designed by Alfred A. Durham, MD
Allows application of a bone plate without removing the reduction clamp—designed for medium size bones such as the fibula, ulna, and radius

**PRODUCT NO: 3652**
- Overall Length: 7.375" (18.7 cm)
O’Brien Bone Clamp
Designed for use in stabilization of a fracture or osteotomy

O’Brien Bone Clamp
Designed by Todd O’Brien, DPM

OrthoLucent™ O’Brien Bone Clamp
Designed for use in stabilization of a fracture or osteotomy
The carbon fiber PEEK material is strong, lightweight, completely radiolucent, can be steam sterilized, and helps to prevent from marring component surfaces.

Lewin Small Bone Clamp

Small Bone Holding Forceps with Long Ratchet
Designed for use in stabilization of a fracture or osteotomy
**Slavitt Phalangeal Forceps**  
Designed by Jerome Slavitt, DPM  

Designed to enable the surgeon to provide joint distraction and stability during joint placement at the base of the proximal phalanx of the lesser digits  

Helps to distract the joint and hold the bone, allowing easier access to the base. Can also be used for digital fusions to hold bones better for drilling and cutting applications.

**PRODUCT NO:**  
1163  
Overall Length: 6" (17.2 cm)  
Clamp Internal Opening Diameter: 4 mm

---

**Radiolucent Small Bone Clamp**  

Can be kept in place while using image intensification or taking an x-ray  

Carbon fiber material is strong, lightweight, completely radiolucent, can be steam sterilized, and helps to prevent from marring component surfaces.

**PRODUCT NO:**  
1828  
Overall Length: 7" (17.8 cm)

---

**Universal Bone Grafting/Impacting Forceps**  

Bone graft can be grasped, placed & impacted without changing hands or instruments  

The forceps are designed with grasping ends for delivery of bone graft. When the graft is in place, the forceps are closed, which forms the ends into an impacting punch. A striking platform is attached to the end of the forceps for tapping and tamping the graft. Four end diameters are available in two lengths.

**PRODUCT NO’s:**  
- Short: 6" (15.2 cm) Length  
  - 5010-01 1/8" (3.2 mm) Diameter End  
  - 5010-02 3/16" (4.8 mm) Diameter End  
  - 5010-03 1/4" (6.3 mm) Diameter End  
  - 5010-04 5/16" (8 mm) Diameter End  
- Long: 10" (25.4 cm) Length  
  - 5050-01 1/8" (3.2 mm) Diameter End  
  - 5050-02 3/16" (4.8 mm) Diameter End  
  - 5050-03 1/4" (6.3 mm) Diameter End  
  - 5050-04 5/16" (8 mm) Diameter End

---

**SarrafTiN Coated Cement Removal Forceps**  

Ultra hard titanium nitride coating helps to extend forceps life by increasing surface hardness, prolonging sharpness, and resisting chemicals and corrosion, while helping to eliminate metal transfer and protect the implant surface.

**PRODUCT NO’s:**  
- 5039 [Straight]  
  Overall Length: 6" (15.2 cm)  
- 5041 [Angled]  
  Overall Length: 6.125" (15.6 cm)
Resnick Allis Bone Clamp
Designed by Charles T. Resnick MD
A traditional Allis Bone Clamp designed with a longer ratchet which allows for a wider opening to allow a bone to be clamped and locked onto

PRODUCT NO: 1385
Overall Length: 6" (15.2 cm)
Ratched Clamp Opens to: 37 mm
Clamp End Width: 4.7 mm

Coated Allis Bone Clamps
A traditional Allis Bone Clamp designed with a longer ratchet—for a wider opening to allow a bone and plate to be clamped and locked onto—and coated end(s) to prevent from marring a component surface

PRODUCT NO:s:
1381 [One Coated End] Overall Length: 6.125" (15.9 cm) Ratched Clamp Opens to: 35 mm Non-coated end Width: 4 mm
1382 [Two Coated Ends] Overall Length: 6.125" (15.9 cm) Ratched Clamp Opens to: 35 mm Non-coated-end Width: 4 mm

The curved semicircular tip is congruent to most tibial plates and femoral condylar implants, helping to facilitate removal of excess cement, especially at the tight posterior aspect
The small scoop-end tip assists in excising unset cement
Ultra hard titanium nitride coating helps to extend curette life by increasing surface hardness, prolonging sharpness, and resisting chemicals and corrosion, while helping to eliminate metal transfer and protect the implant surface

Sarraf Cement Trimmer
Designed by Khaled M. Sarraf, MD
Two-in-one instrument designed for cement removal during arthroplasty surgery

PRODUCT NO: 5212
Overall Length: 7.75" (19.7 cm)

Bozeman Cement Trimmer
Designed by Daniel M. Gannon, MD
The tool has a blunt blade tip on one end to help with separation of the trimmed cement. The angled curette end helps gather the trimmed cement. The thin shank and angled curette can reach into tight spaces such as the back of the implants to remove excess cement. The ends are titanium nitride coated to help eliminate metal transfer.

PRODUCT NO: 5245
Overall Length: 8.5" (21.6 cm)

1.800.548.2362  JUly 2020  FOOt & ANKLE INSTRUMENTS
Ratcheting Reduction Clamp Kit
Designed by Michael Craig, OPA-C
Designed as a soft tissue sparing fracture reduction clamp

**PRODUCT NO’S:**
- **3840-00** [Clamp Kit]
- **3840-02** [Plate Point]
  - Overall Length: 1” (2.54 cm)
- **3840-03** [Screw Point]
  - Overall Length: .875” (2.2 cm)
- **3840-04** [Percutaneous Point]
  - Overall Length: 1” (2.54 cm)
- **3840-MA** [Ratcheting Reduction Mobile Arm with Ratchet Knob]
  - Overall Length: 6.5” (16.5 cm)
- **3840-SA** [Ratcheting Reduction Stationary Arm]
  - Overall Length: 10.5” (26.7 cm)
  - Width: 9” (22.9 cm)
  - Height: 6” (15.2 cm)

- High torque can help provide bone and joint reduction without squeezing surrounding tissues
- Swivel points are placed on the bone, plate, or screw and the ratcheting dial is turned to the desired torque, allowing hands free operation
- Swivel point design allows the clamp to be easily moved from x-ray view without losing reduction
- Screw Point fits into a screw head
- Plate Point fits into a 3.5 mm plate hole

---

**Sarraf Fracture Reduction Thimble**
Designed by Khaled M. Sarraf, MD
Helps to hold bone fragments in place during fixation

**PRODUCT NO’S:**
- **2290** [22 mm]
  - Overall Length: 1.185” (3 cm)
  - Guides Accept K-wires Up To: .078” (2 mm)
- **2291** [26 mm]
  - Overall Length: 1.185” (3 cm)
  - Guides Accept K-wires Up To: .078” (2 mm)

- Two sizes available
- Wire Guides help to aim a guide wire, with three positions for choice of optimal wire placement
- Pointed Tips help to reduce the chance of slippage while maintaining a fracture reduction

---

**Rudisill Locking Small Bone Reduction Forcep**
Designed by Ed Rudisill, MD
For reduction of hand phalanx and metacarpal fractures

**PRODUCT NO:**
- **2017**
  - Overall Length: 4.875” (12.4 cm)

---

**Innomed**
WWW.INNOMED.NET
FREE TRIAL ON MOST INSTRUMENTS
Wixted Fracture Distactor
Designed by John J. Wixted, MD

Designed to provide opposing leverage to help bring the fibula (or other bone) back out to its proper length after it has been shortened by a fracture

PRODUCT NO: 1882
Overall Length: 7” (17.8 cm)

A 3.5 mm screw is temporarily placed above a plate, providing a source of leverage for the screw holding end of the distractor. The curved peg-shaped tip is then placed into a hole in the bone plate, and the distractor is activated to bring the bone back to its proper length before fixation.

Cut-out for Screw
Provides a secure source of leverage against a temporarily placed 3.5 mm screw

Curved Peg-shaped Tip
Fits securely into a hole in a bone plate for leverage

Small Bone Awls
Designed by Reza Firoozabadi, MD

Designed to help with manipulation of bone fragments for fixation

PRODUCT NO’S:
5078 [Standard]
   Overall Length: 10.5” (26.7 cm)
   Handle Length: 5” (12.7 cm)

5078-01. [Long]
   Overall Length: 11.375” (28.9 cm)
   Handle Length: 6” (15.2 cm)

Fracture Reduction Pick
Used to align bone fragments, and to pick away tissue and bone fragments

PRODUCT NO: S0129
Overall Length: 6.25” (15.9 cm)

NEW!
** Vaughan Endzone Retractor **

*Designed for use when placing the end screws while plating a fracture using a minimally invasive technique.*

<table>
<thead>
<tr>
<th>PRODUCT NO:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1766</td>
</tr>
<tr>
<td>Overall Length: 8.75&quot; (22.2 cm)</td>
</tr>
<tr>
<td>Deep Depth: 45 mm</td>
</tr>
<tr>
<td>Deep Internal Width: 14 mm</td>
</tr>
<tr>
<td>Shallow Depth: 25 mm</td>
</tr>
<tr>
<td>Shallow Internal Width: 12 mm</td>
</tr>
</tbody>
</table>

The “U”-shaped wall design helps allow the maximal exposure along the length, or “endzone”, of an incision while maintaining adequate width and retraction along the sides of the exposure.

** Tibial Impactor **

*Assists in MIS unicompartmental cemented tibial tray impaction, and can also be helpful for impaction of other components such as ankle.*

** Lubahn Corkscrew **

*Designed to help with removal of tarsal and/or carpal bones.*

- Aids trapezium removal during basal joint arthroplasty when the bone is being removed as a unit
- Can also be used to facilitate a proximal row carpectomy as it fits the scaphoid, lunate, and triquetrum
- May additionally be used to remove the pisiform in cases of arthritis of the piso-triquetral joint

**Tibial Impactor**

<table>
<thead>
<tr>
<th>PRODUCT NO'S:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1129</td>
</tr>
<tr>
<td>Dimensions: 7&quot; x 4&quot; (17.8 cm x 10.2 cm)</td>
</tr>
<tr>
<td>Delrin Impactor Pad: 1&quot; x .625&quot; (2.5 cm x 1.6 cm)</td>
</tr>
<tr>
<td>Replacement Part:</td>
</tr>
<tr>
<td>1129-02 [Replacement Pad Only]</td>
</tr>
</tbody>
</table>

**Lubahn Corkscrew**

<table>
<thead>
<tr>
<th>PRODUCT NO'S:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1191 [Standard]</td>
</tr>
<tr>
<td>Overall Length: 2.25&quot; (5.7 cm)</td>
</tr>
<tr>
<td>1191-01 [Extended]</td>
</tr>
<tr>
<td>Overall Length: 6.5&quot; (16.5 cm)</td>
</tr>
</tbody>
</table>
**Macko Square Tipped Rongeur**

When used for morcelizing bone graft, the shallow, wide jaw helps avoid impaction.

**Macko Square Tipped Rongeur**

Unique square tipped rongeur features an ergonomic grip, double action mechanism, long reach, and low profile for use in total ankle, knee, hip, and spine surgery. When used for morcelizing bone graft, the shallow, wide jaw helps avoid impaction.

**Macko Square Tipped Rongeur**

**Yezerski Small Bone Rongeurs**

Designed for small bone applications in the hand and foot.

**Yezerski Small Bone Rongeurs**

**Mazzara Rongeur with Small Pistol Grip Handle**

Small pistol grip handle lessens hand fatigue and slippage, and allows for better visualization.
**Anderson Talar Neck Osteotome**

Designed by John Anderson, MD

Designed to help improve range of motion and reduce pain caused by anterior boney impingement of the ankle by removing osteophytes from the anterior talar neck and the anterior distal tibia

### PRODUCT NO’S:

<table>
<thead>
<tr>
<th>No</th>
<th>Osteotome Width</th>
<th>Overall Length</th>
<th>Handle Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5075</td>
<td>17 mm</td>
<td>9.875&quot; (25.1 cm)</td>
<td>4.5&quot; (11.4 cm)</td>
</tr>
<tr>
<td>5075-50</td>
<td>12.7 mm</td>
<td>9.875&quot; (25.1 cm)</td>
<td>4.5&quot; (11.4 cm)</td>
</tr>
<tr>
<td>5075-75</td>
<td>9.5 mm</td>
<td>9.875&quot; (25.1 cm)</td>
<td>4.5&quot; (11.4 cm)</td>
</tr>
</tbody>
</table>

**McGlamry Type Elevators**

Designed to help deglove a metatarsal head, and helpful in many other procedures

### PRODUCT NO’S:

<table>
<thead>
<tr>
<th>No</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1643-11 [11 mm]</td>
<td>6.5&quot; (16.5 cm)</td>
</tr>
<tr>
<td>1643-13 [13 mm]</td>
<td>6.5&quot; (16.5 cm)</td>
</tr>
<tr>
<td>1643-15 [15 mm]</td>
<td>6.5&quot; (16.5 cm)</td>
</tr>
<tr>
<td>1643-17 [17 mm]</td>
<td>6.5&quot; (16.5 cm)</td>
</tr>
</tbody>
</table>

**Durst Arthrodesis Retractor Set**

Designed by Heiko Durst, MD

Designed for exposure and retraction when performing arthrodesis of the MTP joint

### PRODUCT NO’S:

<table>
<thead>
<tr>
<th>No</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1642-00</td>
<td>6.625&quot; (16.8 cm)</td>
</tr>
<tr>
<td>1642-01</td>
<td>6.625&quot; (16.8 cm)</td>
</tr>
<tr>
<td>1642-02</td>
<td>7&quot; (17.8 cm)</td>
</tr>
</tbody>
</table>

**Phalangeal Retractor**

One-step preparation and retraction of soft tissue around the base of the proximal phalanx of the big toe when performing arthrodesis of the MTP joint

**Metatarsal Retractor**

One-step preparation and retraction of soft tissue around the head of the 1st metatarsal when performing arthrodesis of the MTP joint

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

FREE TRIAL ON MOST INSTRUMENTS
Desai Curette Osteotomes  

Designed by Sarang Desai, DO

The osteotome portion also can be used to "feather" the subchondral surface to expose bleeding bone. It is also useful in instances of obtaining autograft, as it can be used to create a bone window and then remove cancellous bone.

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Cup Size</th>
<th>Overall Length</th>
<th>Osteotome Width</th>
<th>Osteotome Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5241</td>
<td>[5 x 6 mm]</td>
<td>8.25” (21 cm)</td>
<td>3.5 mm</td>
<td>5.5 mm from edge of cup</td>
</tr>
<tr>
<td>5242</td>
<td>[8 x 10 mm]</td>
<td>8.25” (21 cm)</td>
<td>6.5 mm</td>
<td>3 mm from edge of cup</td>
</tr>
</tbody>
</table>

**Micro Curettes**

Four cup sizes, straight or 45° angled-end shaft

**Ring Curettes**

**Hemisphere Curettes**

Designed for small joint surgery

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Overall Length</th>
<th>Curette Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>5345</td>
<td>5.75” (14.6 cm)</td>
<td>5 mm</td>
</tr>
<tr>
<td>5349</td>
<td>5.75” (14.6 cm)</td>
<td>9 mm</td>
</tr>
</tbody>
</table>

**Micro Curettes**

Designed by Richard Wittrock, DPM and Rob Baglio, DPM

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Cup Size</th>
<th>Overall Length</th>
<th>Shaft Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>4242</td>
<td>2</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>4240</td>
<td>1</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>4244</td>
<td>4/0</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>4246</td>
<td>6/0</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
</tbody>
</table>

**Micro Curettes**

Designed by Richard Wittrock, DPM and Rob Baglio, DPM

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Cup Size</th>
<th>Overall Length</th>
<th>Shaft Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>4242-01</td>
<td>2</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>4240-01</td>
<td>1</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>4244-01</td>
<td>4/0</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>4246-01</td>
<td>6/0</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
</tbody>
</table>
Flexible Osteotome Instruments

An assortment of flexible osteotome blades useful in foot & ankle surgery procedures

- Sharp, flexible blades are well suited for loosening implants from cement or bony ingrowth fixation
- Various blade widths and profiles allow great flexibility to follow the implant contours
- Modular handle is made of high impact surgical stainless steel and has a quick-coupling positive locking mechanism for ease of use and quick blade changes
- Slap hammer threads into the handle and is designed to facilitate blade removal
- Optional Strike Plate can be attached to the Handle for direct striking with a mallet
- Optional Curved Chisel Blades can be used to help loosen the cement/prosthesis interval in total ankle revisions. The curved design is useful in working around pegs & fins to get posterior cement access. Also helpful with removal of other implants, i.e. shoulder, knee, femoral, etc.

PRODUCT NO'S:

<table>
<thead>
<tr>
<th>Individual Instruments Available Separately</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1002</td>
</tr>
<tr>
<td>S1003</td>
</tr>
<tr>
<td>S1004</td>
</tr>
<tr>
<td>S1005</td>
</tr>
<tr>
<td>S1006</td>
</tr>
<tr>
<td>S1020</td>
</tr>
<tr>
<td>S1021</td>
</tr>
<tr>
<td>S1020-SP</td>
</tr>
<tr>
<td>S1222</td>
</tr>
<tr>
<td>S1223</td>
</tr>
<tr>
<td>S1224</td>
</tr>
<tr>
<td>S1225</td>
</tr>
<tr>
<td>S1228</td>
</tr>
<tr>
<td>S1233-L</td>
</tr>
<tr>
<td>S1233-R</td>
</tr>
<tr>
<td>S2007</td>
</tr>
</tbody>
</table>

Medial and Lateral Curve Radial Blades designed by Henry Boucher, MD
Curved Chisel Blades designed by William McMaster, MD

Complete Set with more options available online at www.innomed.net

Mueller-Type Cement Removal Instruments

Useful for cement removal in the ankle
Also helpful in hip, knee, and shoulder surgery.

PRODUCT NO'S:

<table>
<thead>
<tr>
<th>Individual Instruments Available Separately</th>
</tr>
</thead>
<tbody>
<tr>
<td>S7505</td>
</tr>
<tr>
<td>S7540</td>
</tr>
<tr>
<td>S7570</td>
</tr>
</tbody>
</table>

Complete Set with more options available online at www.innomed.net
Nicholson Small Bone and Shoulder Cement Removal Instruments

Designed by Gregory Nicholson, MD

Designed to facilitate cement removal in smaller diameter bone of the humerus, ulna, and smaller implant geometries

- Reverse bevel tip helps the gouge to slide between the bone and cement
- T-shaped Gouge-Splitter allows the gouge to slide between the cement and bone and vertically split the cement mantle to facilitate removal
- Small diameter widths and curvatures more closely match shoulder and elbow implants and smaller bone diameters
- Shorter length allows for better control and access

PRODUCT NO'S:

<table>
<thead>
<tr>
<th>Gouges Overall Length: 9” (22.9 cm)</th>
<th>Gouges Handle Length: 4” (10.2 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5251-00 [Complete Set w/Case]</td>
<td></td>
</tr>
<tr>
<td>5251-05 [Extra Small]</td>
<td>Gouge Width: 5 mm</td>
</tr>
<tr>
<td>5251-07 [Small]</td>
<td>Gouge Width: 7 mm</td>
</tr>
<tr>
<td>5251-09 [Medium]</td>
<td>Gouge Width: 9 mm</td>
</tr>
<tr>
<td>5251-11 [Large]</td>
<td>Gouge Width: 11 mm</td>
</tr>
<tr>
<td>5252-07 [Small w/Splitter]</td>
<td>Gouge Width: 7 mm, Splitter Height: 4 mm</td>
</tr>
<tr>
<td>5252-09 [Medium w/Splitter]</td>
<td>Gouge Width: 9 mm, Splitter Height: 5 mm</td>
</tr>
<tr>
<td>5252-11 [Large w/Splitter]</td>
<td>Gouge Width: 11 mm, Splitter Height: 6 mm</td>
</tr>
<tr>
<td>5254 [Backhook]</td>
<td>Overall Length: 12.5” (31.8 cm)</td>
</tr>
<tr>
<td></td>
<td>Handle Length: 4.5” (11.4 cm)</td>
</tr>
<tr>
<td></td>
<td>Shaft Diameter: 4 mm</td>
</tr>
<tr>
<td>5255 [Footed Impactor]</td>
<td>Foot Pad Size: 8.5 mm x 11.5 mm</td>
</tr>
<tr>
<td></td>
<td>Overall Length: 12.75” (32.4 cm)</td>
</tr>
<tr>
<td></td>
<td>Handle Length: 4.5” (11.4 cm)</td>
</tr>
<tr>
<td>5253 [Case for Set]</td>
<td></td>
</tr>
</tbody>
</table>

Used to help remove a humeral implant by impacting the medial collar of the prosthesis — helps provide a very direct parallel force to the implant for removal
Whelan Flexible Chisel Guide

**Designed to help stabilize a thin chisel blade until it's within the bone prosthesis interface.**

**PRODUCT NO’S:**
- **5301-00** [Complete Set]
- **5301-01** [Guide Only]
  - Overall Length: 5.5" to 8.5" (14 cm to 21.6 cm) w/o blade
- **5301-02** [10 mm Chisel Blade Only]
  - Overall Length: 4.625" (11.7 cm)
  - Blade Thickness: .020" (0.51 mm)
- **3040** [Slap Hammer]
- **1015** [Sterilization Case]

Guide with sliding handle helps to stabilize a thin flexible chisel blade until it's within the bone prosthesis interface. Chisel tip lets it hug the prosthesis to help prevent perforation. Slap hammer threads into the handle and is designed to facilitate blade removal. Easily changeable disposable blades help assure sharpness.

---

Mini-lexer Osteotomes

**Helpful in osteophyte and cement removal**

**PRODUCT NO’S:**
- **5270-01**
  - Blade Width: 4 mm
  - Overall Length: 7.25" (18.4 cm)
  - Handle Length: 4" (10.2 cm)
- **5270-02**
  - Blade Width: 6 mm
  - Overall Length: 7.25" (18.4 cm)
  - Handle Length: 4" (10.2 cm)
- **5270-03**
  - Blade Width: 10 mm
  - Overall Length: 7.25" (18.4 cm)
  - Handle Length: 4" (10.2 cm)
- **5270-04**
  - Blade Width: 12 mm
  - Overall Length: 7.25" (18.4 cm)
  - Handle Length: 4" (10.2 cm)

Chisel blade features an ultra hard titanium nitride coating to help extend life by increasing surface hardness, prolonging sharpness, and resisting chemicals and corrosion.

---

Lawton Screw Extractors

**Designed to help extract mini and micro fragment screws; small cannulated screws; or headless screws.**

**PRODUCT NO:**
- **7653-00** [Set w/Case]
- **7653-01** [1.5 mm]
  - Overall Length: 6" (15.2 cm)
  - Handle Width: 4" (10.2 cm)
- **7653-02** [2.5 mm]
  - Overall Length: 6" (15.2 cm)
  - Handle Width: 4" (10.2 cm)
- **7653-03** [3.5 mm]
  - Overall Length: 6" (15.2 cm)
  - Handle Width: 4" (10.2 cm)
- **1025** [Sterilization Case]

Lawton Broken Screw Extractor

**Designed by Jeffrey Lawton, MD**

**PRODUCT NO:**
- **7653-04**
  - Overall Length: 4" (10.2 cm)
  - Handle Width: 3" (7.6 cm)

**Designed to help remove broken or stripped screws (1 mm-2 mm).**

---

Small, thin osteotomes helpful in osteophyte and cement removal in total joint surgery. Larger handle helps with better control.
**K-Wire Bender/Cutter**

*Designed to bend a K-Wire while extending from bone without applying mechanical strain*

The K-Wire only needs to extend 20 mm from the skin surface to be bent.

**Product No:** 2111

- **Overall Length:** 6.5" (16.5 cm)
- **Made Exclusively for Innomed in Germany**

**Wire Bender**

*Designed to bend wire up to .062"/1.6 mm*

**Product No:** 2024

- **Overall Length:** 5.5" (14 cm)
- **USA Made**

**Pin Puller - Small**

*Small size allows for use in a small incision to help with removal of a 2 mm or smaller k-wire pin*

**Product No:** 3033

- **Overall Length:** 6.5" (16.5 cm)
- **Jaw Width:** 6.2 mm tapering to 3 mm at end
- **Jaw Height:** 11.7 mm

**Stanton Bent Pin Removal Pliers**

*Designed by John Stanton, MD, FACS*

**Product No:** 1894

- **Overall Length:** 6.5" (16.5 cm)
- **Jaw Length:** 1.65" (4.2 cm)
- **Instrument Width:** 1 cm

---

**Bending**

With the jaw of the instrument opened wide, the K-Wire is inserted from the side into one of the slots of the lower jaw. During bending, the K-Wire is forced backwards by the nose of the upper jaw and guided by a small groove.

**Cutting**

The K-Wire is inserted into the cutting groove and the bender/cutter cuts by shearing (like a cigar cutter), not crushing. The result is a clean and burr-free cut surface.
Small Cannulated Ball Spike
Designed by Benjamin C. Taylor, MD
Designed to help reduce a bone fragment and keep it reduced, while the cannulation allows placement of a k-wire (up to 1.6 mm/.062”) into the fragment
- Helps to prevent slipping while inserting k-wires
- Can serve as a handle for k-wire joysticks

PRODUCT NO:
8092
Overall Length: 4.5” (11.4 cm)
Handle Length: 3” (7.6 cm)
Ball Diameter: .275” (7 mm)

Sanders Pin Inserter
Designed by Richard Sanders, MD
Designed to aim and control the placement of flexible k-wires when they contact hard cortical bone, while helping to protect neurovascular structures from the spinning wire

The ends of the guide are smooth and can be passed through skin and tissue with less danger to neurovascular structures. Narrow guides are ideal for wrist surgery such as distal radius fractures, intercarpal fusions, carpal dislocations, etc., where K-wires must be inserted from angles not accessible through the initial incision. The guides can be inserted through appropriately placed small peripheral incisions and placed on the bone with direct vision from the primary incision. The K wire is then passed through the guide, helping to protect adjacent soft tissue structures.

PRODUCT NO:
8092
Overall Length: 4.5” (11.4 cm)
Handle Length: 3” (7.6 cm)
Ball Diameter: .275” (7 mm)

Resnick Small Bone Tamp with Oblique K-Wire Hole
Designed by Charles Resnick, MD
Design allows for the concurrent reduction of a fracture and placement of a wire into the fracture site — especially helpful when the surgical exposure is small and tight, the fracture fragments are small, and the reduction is demanding
- The serrated distal end minimizes slippage on the cortical surface, does not interfere with the placement of the guidewire and allows for subsequent surgeon-decided, intraoperative angulation of the wiring once the first cortex is drilled
- Especially useful in fractures where there is involvement of an articular surface, for example, mallet fractures of the distal phalanges, articular fractures that involve ligamentous attachments or tendon attachments of the phalanges, scaphoid pole small fracture fragments or other small carpal fractures, and radial styloid fractures

PRODUCT NO:
5294 [1.2 mm Hole]
Wire Hole for: 1.2 mm (.045”) K-wire
Overall Length: 7.5” (19.1 cm)
Shaft Diameter: 6.3 mm
End Diameter: 2.5 mm

5294-01 [1.6 mm Hole]
Wire Hole for: 1.6 mm (.062”) K-wire
Overall Length: 7.5” (19.1 cm)
Shaft Diameter: 6.3 mm
End Diameter: 2.5 mm

TWO SIZES AVAILABLE:
Wire Hole for K-wires up to 1.1 mm (.045”) or 1.6 mm (.062”)
Tibial Nailing

Tibia Reduced For:
- Open Reduction and Internal Fixation (ORIF)
- Application of uni- or multi-plane external fixator
- Knee ligament repairs and/or reconstruction

Fromm Femur & Tibia Triangles

Used for femur and tibia positioning during nailing, repairs and fractures

Designed to position and hold the femur and tibia during intramedullary nailing of the tibia, ligament repairs and extremity fractures. Allows knee to be flexed greater than 90° to allow reaming and nail insertion without displacing fracture. The triangles are available in four heights: 8.5", 11", 14", and 16". The three smaller triangles are designed to fit inside the larger triangle for storage. They are supplied with an autoclavable silicone cushioning pad and velcro® straps. The triangles are also radiolucent and gas or steam sterilizable.

PRODUCT NO'S:
- 2740-01 [Small]
  - Diameter: 4" (10.2 cm)
  - Width: 8" (20.3 cm)
- 2740-02 [Large]
  - Diameter: 6" (15.2 cm)
  - Width: 8" (20.3 cm)

*Velcro® is a registered trademark of the Velcro Companies.

Lower Extremity Leg Positioner

Designed by Ronald Romanelli, MD

Also well suited for use with ankle fractures. Supplied with one autoclavable silicone pad. Positioner is radiolucent and gas or steam sterilizable.

PRODUCT NO'S:
- 2745
  - Dimensions: 5.5" H x 9.5" L x 9.25" W
  - (12.7 cm x 24.1 cm x 23.5 cm)
- Replacement Parts:
  - 2760-P [Silicone Pad]

Sanders Extremity Positioning Tubes

Designed by Richard A. Sanders, MD

Designed to support the knee and ankle during lower extremity surgery

The 6" tube lifts the knee off the operating table and allows for approximately 30° of knee flexion. Very useful for closure of total knee incisions, supporting fractures of the distal femur, and tibia plateau fractures. The 4" tube elevates the foot and ankle for ankle fracture surgery. The tubes are made of aluminum, allowing them to be autoclaved. They help eliminate the need for rolled sheet bolsters.

PRODUCT NO'S:
- 2760-01 [Small]
  - Diameter: 4" (10.2 cm)
  - Width: 8" (20.3 cm)
- 2760-02 [Large]
  - Diameter: 6" (15.2 cm)
  - Width: 8" (20.3 cm)

Fromm Femur & Tibia Triangles

Designed by S.E. Fromm, MD *

Extra Small Triangle designed by S.E. Fromm, MD & Kenneth Merriman, MD

PRODUCT NO'S:
- 2740-01 [Small]
  - Diameter: 4" (10.2 cm)
  - Width: 8" (20.3 cm)
- 2740-02 [Large]
  - Diameter: 6" (15.2 cm)
  - Width: 8" (20.3 cm)

*Velcro® is a registered trademark of the Velcro Companies.

Tibia Reduced For:
- Open Reduction and Internal Fixation (ORIF)
- Application of uni- or multi-plane external fixator
- Knee ligament repairs and/or reconstruction

Retrograde Femoral Nailing

Triangle holds femur reduced (prevents sagging)

Tibial Nailing

Measurements in this Catalog

All effort has been made to ensure the accuracy of the measurements listed in this catalog, however, some small differences may exist between actual and listed measurements.

Measurements of **overall length** are the linear distance from one end of the product to the furthest opposite end, as shown in these examples:

Measurements of **blade width** are the linear distance from one side of the product to the opposite side, typically at the widest point, as shown in this example:
FREE TRIAL on most instruments

Instruments are available for a no-charge two-week evaluation – includes FREE Ground Shipping*

*When shipped to a hospital or medical center; additional charge applies for expedited shipping. Free trial offer excludes implant extraction instruments, which are available as rentals. There is a pad replacement charge with the hip positioners.

Foot and Ankle Joint
Double Sided Chisel Set
Designed by Irvin Oh, MD
Designed for preparation of foot and ankle joints for fusion

PRODUCT NO’S:

<table>
<thead>
<tr>
<th>No.</th>
<th>Chisel</th>
<th>Overall Length</th>
<th>Handle Length</th>
<th>Blade Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>5304-01</td>
<td>.170&quot;</td>
<td>8” (20.3 cm)</td>
<td>4.25” (10.8 cm)</td>
<td>.170” (4.3 mm)</td>
</tr>
<tr>
<td>5304-02</td>
<td>.250&quot;</td>
<td>8” (20.3 cm)</td>
<td>4.25” (10.8 cm)</td>
<td>.250” (6.35 mm)</td>
</tr>
<tr>
<td>5304-03</td>
<td>.335&quot;</td>
<td>8” (20.3 cm)</td>
<td>4.25” (10.8 cm)</td>
<td>.335” (8.5 mm)</td>
</tr>
<tr>
<td>5304-04</td>
<td>.500&quot;</td>
<td>8” (20.3 cm)</td>
<td>4.25” (10.8 cm)</td>
<td>.500” (12.7 mm)</td>
</tr>
<tr>
<td>5304-05</td>
<td>.750&quot;</td>
<td>8” (20.3 cm)</td>
<td>4.25” (10.8 cm)</td>
<td>.750” (19 mm)</td>
</tr>
</tbody>
</table>

1025 [Sterilizable Case]

New!
AVAILABLE SEPTEMBER 2020

TOLL FREE 1.800.548.2362
www.innomed.net  info@innomed.net

Innomed-Europe LLC
Alte Stennhauserstr. 19
CH-6330 Cham, Switzerland
Tel 0041 (0) 41 740 67 74
Fax 0041 (0) 41 740 67 71

Innomed-Europe GmbH
Villingen-Schwenningen,
Deutschland
Tel 0049 (0) 7720 46110 60
Fax 0049 (0) 7720 46110 61
www.innomed-europe.com
info@innomed-europe.com

© 2020 Innomed, Inc. All Rights Reserved

Scan to Launch Our Website

ISO 13485:2016