What’s New In This Catalog?

a snapshot of all the New! instruments within

Fallicore Extra Small Bone Clamp
Page 5

Pointed Fracture Reduction Clamps
Page 6

Saraff Fracture Reduction Thimble
Helps to hold bone fragments in place during fixation

Designed by Khaled M. Sarraf, MD

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)

Mogul K-Wire/Pin Insertion Guide
Page 7

Ratcheting Reduction Clamp Kit
Page 6

Resnick Small Bone Tamp with 1.6 mm Oblique K-Wire Hole
Page 21

Small Bone Double Sided Chisel Set
Page 23

Small Bone Awls
Page 9

Small Bone Double Sided Chisel Set
Page 23

Small Cannulated Ball Spike
Page 21

Mazzara Rongeur with Small Pistol Grip Handle
Page 29

Medium with Speed Lock

Small Bone Double Sided Chisel Set

Small Bone Awls

Wire Guides
Help to aim a guide wire, with three positions for choice of optimal wire placement

Pointed Tips
Helps to reduce the chance of slippage

Two sizes available

Provides the surgeon with an instrument for maintaining a fracture fragment in the appropriately reduced position during application of K-wires. Helpful in osteoporotic bone that is not amiable to forced reduction using reduction clamps. The wire guides help to aim the K-wire, with three positions for choice of optimal placement and for parallel wire placement. The pointed tips at the end of the thimble help to reduce the chance of slippage while maintaining a fracture reduction.
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)

Small Bone Holding Forceps with Long Ratchet
Designed for use in stabilization of a fracture or osteotomy

Product No: 1170
Overall Length: 5.75" (14.6 cm)

OrthoLucent™ O’Brien Bone Clamp
Designed by Todd O’Brien, DPM
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.

Product No: 1815-R
Overall Length: 5.25" (13.3 cm)

O’Brien Bone Clamp
Designed by Todd O’Brien, DPM
Designed for use in stabilization of a fracture or osteotomy

Product No: 1816
Overall Length: 5.25" (13.3 cm)
**Redler Wrist Bone Clamp with Wire Guide**

Designed by M.R. Redler, MD

*Designed to hold bony fragments in place for placement of guide wires*

- Two sizes available:
  - For use with 0.045" (1.1 mm)
  - 0.062" (1.6 mm) K-wires.

**Can be used for:**
- Placement of pins across distal radius fractures or across carpal bones
- Arthroscopically assisted fixation in the wrist
- Fracture fragments about the elbow
- Placement of guide wires during the open reduction and internal fixation of a patella fracture

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
<th>Pin Diameter</th>
<th>Overall Length</th>
<th>Jaw Open</th>
</tr>
</thead>
<tbody>
<tr>
<td>1885-45</td>
<td>For Pins up to 0.045&quot; (1.1 mm)</td>
<td>.045</td>
<td>9.5&quot; (24.1 cm)</td>
<td>3.5&quot; (8.9 cm)</td>
</tr>
<tr>
<td>1885-62</td>
<td>For Pins up to 0.062&quot; (1.6 mm)</td>
<td>.062</td>
<td>9.5&quot; (24.1 cm)</td>
<td>3.5&quot; (8.9 cm)</td>
</tr>
</tbody>
</table>

**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.

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
<th>Length</th>
<th>Curved Plate</th>
<th>Pin Hole</th>
</tr>
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<tbody>
<tr>
<td>1811-00</td>
<td>(Set of Two)</td>
<td>5.125&quot;</td>
<td>5 mm</td>
<td>2.4 mm</td>
</tr>
<tr>
<td>1811-L</td>
<td>[Left]</td>
<td>5.125&quot;</td>
<td>5 mm</td>
<td>2.4 mm</td>
</tr>
<tr>
<td>1811-R</td>
<td>[Right]</td>
<td>5.125&quot;</td>
<td>5 mm</td>
<td>2.4 mm</td>
</tr>
</tbody>
</table>

**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 0.5" (13 mm).

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>Part No</th>
<th>Description</th>
<th>Overall Length</th>
<th>Jaw Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>1889</td>
<td>(Single)</td>
<td>4.5&quot; (11.4 cm)</td>
<td>.15&quot; (3.7 mm)</td>
</tr>
<tr>
<td>1888</td>
<td>(Double)</td>
<td>4.5&quot; (11.4 cm)</td>
<td>.7” (17.7 mm)</td>
</tr>
</tbody>
</table>

WWW.INNOMED.NET

FREE TRIAL ON MOST INSTRUMENTS
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>Overall Length: 5&quot; (12.7 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1810-35 Tube Diameter: .035&quot; (.9 mm)</td>
<td></td>
</tr>
<tr>
<td>1810-45 Tube Diameter: .045&quot; (1.1 mm)</td>
<td></td>
</tr>
<tr>
<td>1810-62 Tube Diameter: .062&quot; (1.6 mm)</td>
<td></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.

PRODUCT NO:
1760-01 Cannula Internal Diameter: 1.8 mm
Overall Length: 6" (15.2 cm)
Locking Ratchet Opens To: 25 mm

Durham Bone Reduction Clamp
Allows application of a bone plate without removing the reduction clamp—designed for medium size bones such as the fibula, ulna, and radius
The wide window directly above the jaw provides space to allow a bone plate to be slid into position without removing the clamp.

PRODUCT NO:
3652 Overall Length: 7.375" (18.7 cm)

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)
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.
- 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:**

**SMALL WITH SPEED LOCK MECHANISM**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Overall Length</th>
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<tbody>
<tr>
<td>3666</td>
<td>[Straight Left &amp; Right]</td>
<td>5.5’ (14 cm)</td>
</tr>
<tr>
<td>3667</td>
<td>[Curved Left &amp; Right]</td>
<td>5.5’ (14 cm)</td>
</tr>
<tr>
<td>3666-L</td>
<td>[Curved Left, Straight Right]</td>
<td>5.5’ (14 cm)</td>
</tr>
<tr>
<td>3666-R</td>
<td>[Straight Left, Curved Right]</td>
<td>5.5’ (14 cm)</td>
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</table>

**MEDIUM WITH SPEED LOCK MECHANISM**

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<td>[Straight Left &amp; Right]</td>
<td>7’ (17.8 cm)</td>
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<tr>
<td>3667-01</td>
<td>[Curved Left &amp; Right]</td>
<td>7’ (17.8 cm)</td>
</tr>
<tr>
<td>3666-L-01</td>
<td>[Curved Left, Straight Right]</td>
<td>7’ (17.8 cm)</td>
</tr>
<tr>
<td>3666-R-01</td>
<td>[Straight Left, Curved Right]</td>
<td>7’ (17.8 cm)</td>
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</table>

**SMALL WITH RATCHET MECHANISM**

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<th>Description</th>
<th>Overall Length</th>
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<tbody>
<tr>
<td>3668</td>
<td>[Straight Left &amp; Right]</td>
<td>5.5’ (14 cm)</td>
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<tr>
<td>3669</td>
<td>[Curved Left &amp; Right]</td>
<td>5.5’ (14 cm)</td>
</tr>
<tr>
<td>3668-L</td>
<td>[Curved Left, Straight Right]</td>
<td>5.5’ (14 cm)</td>
</tr>
<tr>
<td>3668-R</td>
<td>[Straight Left, Curved Right]</td>
<td>5.5’ (14 cm)</td>
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</tbody>
</table>

**Ratcheting Reduction Clamp Kit**

Designed as a soft tissue sparing fracture reduction clamp.

- 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.

**PRODUCT NO’S:**

**CLAMP KIT**

<table>
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<tr>
<th>Product Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>3840-00</td>
<td>[Clamp Kit]</td>
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<tr>
<td>3840-02</td>
<td>[Plate Point]</td>
</tr>
<tr>
<td>3840-03</td>
<td>[Screw Point]</td>
</tr>
<tr>
<td>3840-04</td>
<td>[Percutaneous Point]</td>
</tr>
<tr>
<td>3840-MA</td>
<td>[Ratcheting Reduction Stationary Arm with Ratchet Knob]</td>
</tr>
<tr>
<td>3840-SA</td>
<td>[Ratcheting Reduction Mobile Arm with Ratchet Knob]</td>
</tr>
<tr>
<td></td>
<td>Width: 9” (22.9 cm)</td>
</tr>
</tbody>
</table>

Kit includes:
- (1) Ratcheting Reduction Stationary Arm, (1) Ratcheting Reduction Mobile Arm with Ratchet Knob (1) Plate Point, (1) Screw Point, and (2) Percutaneous Points.
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).

PRODUCT NO:
8315-00 [Set: (1) Claw, (1) Wire/Suture Pin]
8315-01 [Claw Unit]
1227 [3/32" (2 mm) Pin with Wire/Suture Hole]

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

PRODUCT NO:
3017
Dimensions: 2.375” Tall x 3.75” Wide (6 x 9.5 cm)
Maximum Pin Diameter: 3/32” (2,4 mm)
Maximum Clamped Opening: 2” (5,1 cm)
Minimum Clamped Opening: .375” (1 cm)
Pin/K-Wire Guide Length: .925” (23,5 mm)

Lewin Small Bone Clamp
PRODUCT NO:
4685
Overall Length: 5" (12.7 cm)

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)
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.

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.

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

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

Nordt Precision Micro Fracture Set

• Helps create sharp cartilage shoulders
• Precise microfracture points

PRODUCT NO'S:
8025-00 [Complete Set]
8025-01 [20° Bent Awl] Overall Length: 10” (25.4 cm)
8025-02 [40° Bent Awl] Overall Length: 10” (25.4 cm)
8025-03 [Angled Osteotome] Overall Length: 10.875” (27.6 cm)
8025-04 [Bent Stirrup Scraper] Overall Length: 10.125” (25.7 cm)
8025-05 [Tri-Tip Awl] Overall Length: 10” (25.4 cm)
8025-CASE [Case]

Ultra hard titanium nitride coating helps to extend life by increasing surface hardness, prolonging sharpness, and resisting chemicals and corrosion.

Designed by William E. Nordt, III, MD

8025-00 [Complete Set]

Ultra hard titanium nitride coating helps to extend life by increasing surface hardness, prolonging sharpness, and resisting chemicals and corrosion.

Designed by William E. Nordt, III, MD

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)
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.

PRODUCT NO:
1163
Overall Length: 6” (15.2 cm)
Clamp Internal Opening Diameter: 4 mm

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)
Ratcheted 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)
Ratcheted Clamp Opens to: 35 mm
Non-coated-end Width: 4 mm

1382 [Two Coated Ends]
Overall Length: 6.125” (15.9 cm)
Ratcheted Clamp Opens to: 35 mm
Non-coated-end Width: 4 mm

Slavitt Phalangeal Forceps
Designed by Jerome Slavitt, DPM
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.
Kakar Carpal Tunnel Retractors  
Designed by Sanj Kakar, MD

Designed for maximum ergonomic positioning and soft tissue retraction to permit release of the transverse carpal ligament through a mini open technique.

**PRODUCT NO'S:**

<table>
<thead>
<tr>
<th>PRODUCT NO</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1126 [Small]</td>
<td>Overall Length: 6&quot; (15.2 cm)</td>
</tr>
<tr>
<td>1127 [Large]</td>
<td>Overall Length: 6&quot; (15.2 cm)</td>
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</table>

Burgess Carpal Tunnel Retractor  
Designed by Kraig Burgess, DO

Designed for exposure during carpal tunnel surgery.

**PRODUCT NO:**

<table>
<thead>
<tr>
<th>PRODUCT NO</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>1126 [Small]</td>
<td>Overall Length: 6&quot; (15.2 cm)</td>
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Kakar Carpal Tunnel Retractors

**PRODUCT NO'S:**

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<thead>
<tr>
<th>PRODUCT NO</th>
<th>DESCRIPTION</th>
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</tr>
<tr>
<td>1127 [Large]</td>
<td>Overall Length: 6&quot; (15.2 cm)</td>
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Holiday Self-Retaining Carpal Tunnel Retractor  
Designed by Alan Holiday, MD

**PRODUCT NO:**

<table>
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<tr>
<th>PRODUCT NO</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>1113</td>
<td>Overall Length: 6&quot; (15.2 cm)</td>
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</table>
Lubahn Corkscrew
Designed by John D. Lubahn, MD

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 pisotriquetral joint

PRODUCT NO’S:
1150 [Kit]  Overall Length: 5” (12.7 cm)
Kit Includes / Available Individually:
1150-C01 [Sleeve]
1150-C02 [Blade Advancer]

Hagan Carpal Tunnel Release Sleeve
Designed by Hugh Hagan, MD

Designed to protect the surrounding anatomy while providing a sleeve within which to smoothly advance a flat 4 mm beaver-style blade to divide and release the transverse carpal ligament

Designed for use in a mini-open, non-endoscopic approach, the sleeve isolates the blade, providing protection to the surrounding anatomy. The longer, bottom leading edge of the sleeve is inserted between the median nerve and the transverse carpal ligament, while the shorter, top leading edge provides lifting protection to the structures above the ligament. The blade is then advanced within the sleeve to complete the ligament release.

PRODUCT NO’S:
1191 [Standard]  Overall Length: 2.25” (5.7 cm)
1191-01 [Extended]  Overall Length: 6.5” (16.5 cm)

Evans Universal Carpal Tunnel Knife Guide
Designed by Peter J. Evans, MD, PhD

Designed to protect the median nerve while providing a choice of grooved tracks for commercially available retrograde knives (that do not provide this feature) or for tenotomy scissors

Allows for smooth advance of the blade or scissors to divide the transverse carpal ligament. Designed for a mini-open, non-endoscopic approach.
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>Product No</th>
<th>Blade Width</th>
<th>Overall Length</th>
<th>Blade Drop</th>
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<tbody>
<tr>
<td>1594-R</td>
<td>8 mm</td>
<td>6.875” (17.5 cm)</td>
<td>8 mm</td>
</tr>
<tr>
<td>1597-R</td>
<td>16 mm</td>
<td>6.875” (17.5 cm)</td>
<td>16 mm</td>
</tr>
</tbody>
</table>

MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

Modified Mini Hohmann Retractors
Designed by Jeffrey Lawton, MD

Used for small bone surgery

J.B. Redler Retractor
Designed by M.R. Redler, MD

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.

PRODUCT NO:

<table>
<thead>
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</tr>
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<tbody>
<tr>
<td>1645</td>
<td>5” (12.7 cm)</td>
</tr>
</tbody>
</table>

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Beard Distal Radius Wide Hohmann Retractor
Designed by David Beard, MD

Designed for distal radius and diaphyseal fracture exposure, the wide blade design helps to protect soft tissues, and the curved handle helps provide improved access and visualization

PRODUCT NO:

<table>
<thead>
<tr>
<th>Product No</th>
<th>Overall Length</th>
<th>Blade Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>5837-01</td>
<td>5.375” (13.7 cm)</td>
<td>2” (25 mm)</td>
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</table>
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

PRODUCT NO’S:

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Description</th>
<th>Overall Length</th>
<th>Blade Width</th>
<th>Blade Depth</th>
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<tbody>
<tr>
<td>1159</td>
<td>Standard Sharp Rake</td>
<td>4.5&quot; (11.4 cm)</td>
<td>9 mm</td>
<td>7 mm</td>
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<tr>
<td>1161</td>
<td>Standard Blunt Rake</td>
<td>4.5&quot; (11.4 cm)</td>
<td>9 mm</td>
<td>7 mm</td>
</tr>
<tr>
<td>1162</td>
<td>Standard Senn</td>
<td>4.5&quot; (11.4 cm)</td>
<td>6 mm</td>
<td>16 mm</td>
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<tr>
<td>1159-01</td>
<td>Extended Sharp Rake</td>
<td>5.625&quot; (14.4 cm)</td>
<td>9 mm</td>
<td>7 mm</td>
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<tr>
<td>1161-01</td>
<td>Extended Blunt Rake</td>
<td>5.625&quot; (14.4 cm)</td>
<td>9 mm</td>
<td>7 mm</td>
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<tr>
<td>1162-01</td>
<td>Extended Senn</td>
<td>5.625&quot; (14.4 cm)</td>
<td>6 mm</td>
<td>16 mm</td>
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New!
EXTENDED SHAFT VERSIONS

Wilson
Trigger Finger Retractor
Designed by Ralph V. Wilson, MD

PRODUCT NO:

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Description</th>
<th>Overall Length</th>
<th>Blade Width x Depth</th>
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<tbody>
<tr>
<td>1884</td>
<td>Trigger Finger Retractor</td>
<td>4.25&quot; (10.8 cm)</td>
<td>6.5 mm x 10 mm</td>
</tr>
</tbody>
</table>

Hendren
Self-Retaining Retractor
Designed by D.H. Hendren, MD

Gentle on tissue and very effective in holding back subcutaneous fat.
Also useful for retracting the deltoid muscle firmly.

PRODUCT NO:

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Description</th>
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<th>Blade Size</th>
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<td>1745</td>
<td>Self-Retaining Retractor</td>
<td>5.5&quot; (14 cm)</td>
<td>19 mm x 13 mm</td>
</tr>
</tbody>
</table>

USA MADE
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

1.800.548.2362     AUGUST 2020     HAND & WRIST INSTRUMENTS
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.

<table>
<thead>
<tr>
<th>PRODUCT NO:</th>
<th>1829</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Length:</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>Blade Depth:</td>
<td>28 mm</td>
</tr>
<tr>
<td>Blade Width Tapers from:</td>
<td>8 mm to 5 mm</td>
</tr>
</tbody>
</table>

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.

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

Calibrated Ortho Spreader with Slotted Tips
Designed by Jason Bariteau, MD
A lamina spreader with a very thin closed profile, designed to enable distraction in tight spaces like the subtalar and talonavicular joints.

<table>
<thead>
<tr>
<th>PRODUCT NO:</th>
<th>1841</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Length:</td>
<td>6.75” (17.1 cm)</td>
</tr>
<tr>
<td>Prong Length:</td>
<td>5” (12.7 mm)</td>
</tr>
<tr>
<td>Calibrations:</td>
<td>10 mm to 35 mm</td>
</tr>
</tbody>
</table>

FREE TRIAL ON MOST INSTRUMENTS
**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.

**Chung Weitlaner Retractors**

Designed by Raymond Chung, MD

Longer prongs allow use in a small, but deep wound

**Williams Distal Radius Fracture Retractor**

Designed by Craig S. Williams, MD and Eric Dahlinger

Designed to provide excellent exposure during fracture reduction and plating
Faillace Ambidextrous Self-Retaining Retractor

Designed by John J. Faillace, MD

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

<table>
<thead>
<tr>
<th>PRODUCT NO’S:</th>
<th>Replacement Parts:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1580 [7 Teeth]</td>
<td>Overall Length: 7.5” (19.1 cm)</td>
</tr>
<tr>
<td>Prong Depth: 36 mm</td>
<td></td>
</tr>
<tr>
<td>1579 [4 Teeth]</td>
<td>Overall Length: 6” (15.2 cm)</td>
</tr>
<tr>
<td>Prong Depth: 36 mm</td>
<td></td>
</tr>
<tr>
<td>1579-01 [Small – 4x3 Teeth]</td>
<td>Overall Length: 5.25” (13.3 cm)</td>
</tr>
<tr>
<td>Prong Depth: 20 mm</td>
<td></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.

<table>
<thead>
<tr>
<th>PRODUCT NO’S:</th>
<th>Set consists of one ratcheting self-retaining retractor, two stainless steel mini-hohmann retractor blades, and a sterilization case.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1838-00 [Set]</td>
<td>Replacement Parts:</td>
</tr>
<tr>
<td>1838-01 [Retractor Only]</td>
<td>Overall Length: 5.5” (14cm)</td>
</tr>
<tr>
<td>1838-02 [Blade Only – One]</td>
<td>Overall Length: 5.25” (13.3cm)</td>
</tr>
<tr>
<td>Prong Depth: 20 mm</td>
<td>Blade Width: 3/8” (9mm)</td>
</tr>
<tr>
<td>1025 [Sterilization Case Only]</td>
<td></td>
</tr>
<tr>
<td>Optional Parts — Not Included In Set:</td>
<td></td>
</tr>
<tr>
<td>1838-02R* [Radiolucent Blade Only – One]</td>
<td>Overall Length: 5.25” (13.3cm)</td>
</tr>
<tr>
<td>Blade Width: 3/8” (9mm)</td>
<td></td>
</tr>
</tbody>
</table>

*MADE EXCLUSIVELY FOR INNOMED IN GERMANY
*MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

US Patent No. 9,161,745 B2

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WWW.INNOMED.NET

FREE TRIAL ON MOST INSTRUMENTS
Gurbani Joint Distractor/Compressor
Designed by Naren G. Gurbani, 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" h (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" h (7,6 cm x 7,6 cm)
1025 [Sterilization Case]

Ortho Self-Retaining Retractor with Pin Guides
Designed by Sean Dunn, DPM
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)

Weinraub Joint and Calcaneal Spreader
Designed by Glenn M. Weinraub, DPM, FACFAS
Designed to assist in the opening of small joints of the hand and foot for the application of fusion and graft techniques
Provides excellent joint exposure without blocking intra-articular or osteotomy access. Helps prevent slippage or falling out of the joint by placing the arms on either side of the area to be distracted, driving two pins and opening the joint.
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-LB [Large]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot;</td>
<td>4210-LS [Large]</td>
</tr>
<tr>
<td></td>
<td>(1.6 &amp; 2.4 mm) K-wire Pins</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot;</td>
</tr>
<tr>
<td></td>
<td>Overall Length: 8&quot; (20.3 cm)</td>
<td>(1.6 &amp; 2.4 mm) K-wire Pins</td>
</tr>
<tr>
<td>4210-SB [Small]</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot;</td>
<td>4210-SS [Small]</td>
</tr>
<tr>
<td></td>
<td>(1.6 &amp; 2.4 mm) K-wire Pins</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot;</td>
</tr>
<tr>
<td></td>
<td>Overall Length: 6&quot; (15.2 cm)</td>
<td>(1.6 &amp; 2.4 mm) K-wire Pins</td>
</tr>
<tr>
<td></td>
<td>(1.6 &amp; 2.4 mm) K-wire Pins</td>
<td>Holes Diameters: For .062&quot; &amp; .094&quot;</td>
</tr>
<tr>
<td></td>
<td>Overall Length: 4.25&quot; (10.8 cm)</td>
<td>(1.6 &amp; 2.4 mm) K-wire Pins</td>
</tr>
</tbody>
</table>

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

With Thumb Screws

Thumbscrews help prevent the unit from sliding on the pins

Inspiration by Kelly McCormick, MD
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.

---

Large Pin Distractor and Compressor

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

---

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.
K-wires should be cut short above the pin guides to allow full access to the operative site.

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

Designed to simplify several small joint procedures:
- Preparation of small bone non-unions before bone grafting and fixation
- Preparation of small joints for arthrodesis (e.g., partial wrist fusion)
- Distract and better evaluate small joints before determining final management
- Useful for intercarpal stabilization while performing ligament reconstructions (e.g., scapholunate ligament repair/reconstruction)

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 [Small – All Stainless Steel]</td>
<td>1836 [Large – All Stainless Steel]</td>
</tr>
<tr>
<td>Dimensions: 51 mm x 57 mm</td>
<td>Overall Length: 4” (10,2 cm)</td>
</tr>
<tr>
<td>Maximum Arm Opening: 1.35” (3,4 cm)</td>
<td>Maximum Arm Opening: 2.25” (5,7 cm)</td>
</tr>
<tr>
<td>1834-R [Small With Radiolucent Arms]</td>
<td>1836-R [Large With Radiolucent Arms]</td>
</tr>
<tr>
<td>Dimensions: 51 mm x 57 mm</td>
<td>Overall Length: 4” (10,2 cm)</td>
</tr>
<tr>
<td>Maximum Arm Opening: 1.35” (3,4 cm)</td>
<td>Maximum Arm Opening: 2.25” (5,7 cm)</td>
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- 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:

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<tr>
<td>1834 [Small – All Stainless Steel]</td>
<td>1836 [Large – All Stainless Steel]</td>
</tr>
<tr>
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<tr>
<td>Maximum Arm Opening: 1.35” (3,4 cm)</td>
<td>Maximum Arm Opening: 2.25” (5,7 cm)</td>
</tr>
<tr>
<td>1834-R [Small With Radiolucent Arms]</td>
<td>1836-R [Large With Radiolucent Arms]</td>
</tr>
<tr>
<td>Dimensions: 51 mm x 57 mm</td>
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</tr>
<tr>
<td>Maximum Arm Opening: 1.35” (3,4 cm)</td>
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</tr>
</tbody>
</table>

Wurapa Small Joint Compressor and Distractor
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Designed to simplify several small joint procedures:
- Preparation of small bone non-unions before bone grafting and fixation
- Preparation of small joints for arthrodesis (e.g., partial wrist fusion)
- Distract and better evaluate small joints before determining final management
- Useful for intercarpal stabilization while performing ligament reconstructions (e.g., scapholunate ligament repair/reconstruction)

PRODUCT NO’S:

<table>
<thead>
<tr>
<th>SMALL</th>
<th>LARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1751 [Compressor]</td>
<td>1756 [Distractor]</td>
</tr>
<tr>
<td>Compresses From: 28 mm</td>
<td>Distracts to: 46 mm</td>
</tr>
<tr>
<td>Overall Length: 4.625” (11,7 cm)</td>
<td>Overall Length: 4.000” (10,2 cm)</td>
</tr>
<tr>
<td>1751-R [Compressor]</td>
<td>1756-R [Distractor]</td>
</tr>
<tr>
<td>Compresses From: 28 mm</td>
<td>Distracts to: 46 mm</td>
</tr>
<tr>
<td>Overall Length: 4.625” (11,7 cm)</td>
<td>Overall Length: 4.000” (10,2 cm)</td>
</tr>
</tbody>
</table>
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:
3015-081
Accepts k-wires up to: .081" (2 mm)
Overall Length: 4.25" (10.8 cm)
Handle Length: 3.15" (8 cm)

PRODUCT NO:
3015-094
Accepts k-wires up to: .094" (1.4 mm)
Overall Length: 4.25" (10.8 cm)
Handle Length: 3.15" (8 cm)

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 wire 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 phalanx, 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:
5294-054-001 [1.6 mm Hole]
Wire Hole for: 1.6 mm (.062") K wire
Overall Length: 7.5" (19.1 cm)
Shaft Diameter: .63 mm
End Diameter: 2.5 mm

PRODUCT NO:
5294-054-081 [1.2 mm Hole]
Wire Hole for: 1.2 mm (.045") K wire
Overall Length: 7.5" (19.1 cm)
Shaft Diameter: .63 mm
End Diameter: 2.5 mm
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>No.</th>
<th>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>3.5 mm</td>
</tr>
<tr>
<td>5242</td>
<td>8 x 10 mm</td>
<td>8.25” (21 cm)</td>
<td>6.5 mm</td>
<td>3.5 mm from edge of cup</td>
</tr>
</tbody>
</table>

**Designed to remove bone and cartilage, helpful for preparing joint surfaces for fusion, allowing easy removal of osteophytes and cartilage without having to switch instruments.**

Hemisphere Curettes

Designed for small joint surgery

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Overall Length</th>
<th>Curette Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>5343</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

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

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Overall Length</th>
<th>Shaft Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>4242</td>
<td>5 mm, Straight</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>4240</td>
<td>6 mm, Straight</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
<tr>
<td>4244</td>
<td>8 mm, Bent</td>
<td>9.75” (24.8 cm)</td>
<td>4.5” (11.4 cm)</td>
</tr>
</tbody>
</table>

Ring Curettes

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Overall Length</th>
<th>Ring Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>5150</td>
<td>3 mm, Bent</td>
<td>3 mm</td>
</tr>
<tr>
<td>5152</td>
<td>6 mm, Straight</td>
<td>6 mm</td>
</tr>
<tr>
<td>5154</td>
<td>8 mm, Straight</td>
<td>8 mm</td>
</tr>
</tbody>
</table>

**USA MADE INNOMED**

**MADE FOR INNOMED IN GERMANY**

**FREE TRIAL ON MOST INSTRUMENTS**
Specifically designed for foot and ankle joints, these chisels can also be useful in other small and medium joints, helping to facilitate delamination of the cartilage in preparation for fusion. The double-sided chisels have different radius of curvature—one side to initiate breaking through the cartilage-bone interface and continue to slide along the curved articular surface, while the opposite side blade will continue to peel off the cartilage while sliding along—allowing utilization for various shapes of small and medium joints.

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>5304-00</th>
<th>[Set with Case]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set Includes / Available Individually:</td>
<td></td>
</tr>
<tr>
<td>5304-01</td>
<td>[Chisel – .170”] Overall Length: 8” (20.3 cm) Handle Length: 4.25” (10.8 cm) Blade Width: .170” (4.3 mm)</td>
</tr>
<tr>
<td>5304-02</td>
<td>[Chisel – .250”] Overall Length: 8” (20.3 cm) Handle Length: 4.25” (10.8 cm) Blade Width: .250” (6.35 mm)</td>
</tr>
<tr>
<td>5304-03</td>
<td>[Chisel – .335”] Overall Length: 8” (20.3 cm) Handle Length: 4.25” (10.8 cm) Blade Width: .335” (8.5 mm)</td>
</tr>
<tr>
<td>5304-04</td>
<td>[Chisel – .500”] Overall Length: 8” (20.3 cm) Handle Length: 4.25” (10.8 cm) Blade Width: .500” (12.7 mm)</td>
</tr>
<tr>
<td>5304-05</td>
<td>[Chisel – .750”] Overall Length: 8” (20.3 cm) Handle Length: 4.25” (10.8 cm) Blade Width: .750” (19 mm)</td>
</tr>
<tr>
<td>1025</td>
<td>[Sterilizable Case]</td>
</tr>
</tbody>
</table>

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.

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>5301-00</th>
<th>[Complete Set]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Included In Set / Replacement Parts:</td>
<td></td>
</tr>
<tr>
<td>5301-01</td>
<td>[Guide Only] Overall Length: 5.5&quot; to 8.5&quot; (14 cm to 21.6 cm) w/o blade</td>
</tr>
<tr>
<td>5301-02</td>
<td>[10 mm Chisel Blade Only] Overall Length: 4.625” (11.7 cm) Blade Thickness: .020” (0.51 mm)</td>
</tr>
<tr>
<td>3040</td>
<td>[Slap Hammer]</td>
</tr>
<tr>
<td>1015</td>
<td>[Sterilization Case]</td>
</tr>
</tbody>
</table>

Small, thin osteotomes helpful in osteophyte and cement removal in total joint surgery. Larger handle helps with better control.

**PRODUCT NO’S:**

<table>
<thead>
<tr>
<th>5270-01</th>
<th>[Mini-lexer Osteotomes] Blade Width: 4 mm Overall Length: 7.25” (18.4 cm) Handle Length: 4” (10.2 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5270-03</td>
<td>Blade Width: 10 mm Overall Length: 7.25” (18.4 cm) Handle Length: 4” (10.2 cm)</td>
</tr>
<tr>
<td>5270-02</td>
<td>Blade Width: 6 mm Overall Length: 7.25” (18.4 cm) Handle Length: 4” (10.2 cm)</td>
</tr>
<tr>
<td>5270-04</td>
<td>Blade Width: 12 mm Overall Length: 7.25” (18.4 cm) Handle Length: 4” (10.2 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 [Osteotome Blade] 3” (7.6 cm) x 8 mm</td>
</tr>
<tr>
<td>S1003 [Osteotome Blade] 3” (7.6 cm) x 10 mm</td>
</tr>
<tr>
<td>S1004 [Osteotome Blade] 3” (7.6 cm) x 12 mm</td>
</tr>
<tr>
<td>S1005 [Osteotome Blade] 3” (7.6 cm) x 20 mm</td>
</tr>
<tr>
<td>S1006 [Curved Osteotome Blade] 3” (7.6 cm) x 12 mm</td>
</tr>
<tr>
<td>S1020 [Handle with Quick-Coupling End] 6” (15.2 cm)</td>
</tr>
<tr>
<td>S1021 [Handle with Locking Nut] 6” (15.2 cm)</td>
</tr>
<tr>
<td>S1020-SP [Strike Plate for Handle] Diameter 1.625” (4.1 cm)</td>
</tr>
<tr>
<td>S1222 [Chisel Blade] 2.5” (6.4 cm) x 8 mm</td>
</tr>
<tr>
<td>S1223 [Chisel Blade] 2.5” (6.4 cm) x 10 mm</td>
</tr>
<tr>
<td>S1224 [Chisel Blade] 2.5” (6.4 cm) x 12 mm</td>
</tr>
<tr>
<td>S1225 [Chisel Blade] 2.5” (6.4 cm) x 20 mm</td>
</tr>
<tr>
<td>S1228 [Chisel Blade] 5” (12.7 cm) x 10 mm</td>
</tr>
<tr>
<td>S1233L [Left Curved Chisel Blade] 1.5” (3.8 cm) x 8 mm</td>
</tr>
<tr>
<td>S1233R [Right Curved Chisel Blade] 1.5” (3.8 cm) x 8 mm</td>
</tr>
<tr>
<td>S2007 [Slap Hammer] 12” (30.5 cm)</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 [Narrow Cement Removal Gouge, Short]</td>
</tr>
<tr>
<td>Gouge: 9 mm, negative</td>
</tr>
<tr>
<td>S7520 [Offset Chisel]</td>
</tr>
<tr>
<td>Shaft Length: 15 cm</td>
</tr>
<tr>
<td>Chisel: 9 mm</td>
</tr>
<tr>
<td>S7595 [Cement Removal Osteotome, Short]</td>
</tr>
<tr>
<td>Shaft Length: 15 cm</td>
</tr>
<tr>
<td>Osteotome: 8 mm</td>
</tr>
<tr>
<td>S7540 [4.4 mm Drill]</td>
</tr>
<tr>
<td>S7545 [4.4 mm Drill Guide]</td>
</tr>
<tr>
<td>S7570 [Cross Bar]</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:

- Extra Small Gouge
  - Width: 5 mm
- Small Gouge
  - Width: 7 mm
- Medium Gouge
  - Width: 9 mm
- Large Gouge
  - Width: 11 mm

- Small Gouge with Splitter
  - Width: 7 mm
  - Splitter Height: 4 mm
- Medium Gouge with Splitter
  - Width: 9 mm
  - Splitter Height: 5 mm
- Large Gouge with Splitter
  - Width: 11 mm
  - Splitter Height: 6 mm

- Backhook
  - Overall Length: 12.5" (31.8 cm)
  - Handle Length: 4.5" (11.4 cm)
  - Shaft Diameter: 4 mm

- Footed Impactor
  - Foot Pad Size: 8.5 mm x 11.5 mm
  - Overall Length: 12.75" (32.4 cm)
  - Handle Length: 4.5" (11.4 cm)

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AUGUST 2020
HAND & WRIST INSTRUMENTS
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)

Can bend and cut K-Wires measuring 1 to 1.6 mm (.039-.062") in diameter.

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.

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
Sweed Dissecting Scissors
Designed by Tamer Sweed, FRCS (Orth)
Designed with a blunt, flat bar fixed to the lower limb, the scissors also act as a dissector to protect underlying vital structures.

PRODUCT NO: 3081
Overall Length: 6.625" (16.8 cm)
Bottom Pad: 16 mm x 6 mm
Pad Extension Beyond Scissor: 6 mm

Fromm Triangles
Designed by S.E. Fromm, MD
Extra Small Triangle designed by S.E. Fromm, MD & Kenneth Merriman, MD
Radiolucent triangles are useful for wrist arthroscopy and allow for intraoperative flouroscopy
Helps support the wrist and forearm during wrist arthroscopy procedures, while allowing for traction on the opposite side. Sterilizable triangle can be covered with a sterile towel for the procedure.

PRODUCT NO'S:
2760-01 [11" Base: 6" (15.2 cm), Height: 11" (27.9 cm)]
2760-XS [8.5" Base 5" (12.7 cm), Height: 8.5" (21.6 cm)]

Lawton Screw Extractors
Designed by Jeffrey Lawton, MD
Designed to help extract mini and micro fragment screws; small cannulated screws; or headless screws

PRODUCT NO:
7653-00 [Set w/Case]
Individual Parts:
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
Designed to help remove broken or stripped screws (1 mm-2 mm)

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

Orthopedic Needle Holder/Scissors
Drive a needle and cut a suture without changing instruments

Rogozinski Locking Needle Driver/Scissors
Designed with a quick lock & release handle, can drive a needle and cut a suture without changing instruments

Yezerski Small Bone Rongeurs
Designed by John Yezerski, MD
Designed for small bone applications in the hand and foot

Product No’s:
1799 [Small]
Overall Length: 7.125" (18,1 cm)
Jaw Width: 4 mm
Jaw Bite Width: 3 mm
Jaw Bite Length: 20 mm
1799-01 [Extra Small]
Overall Length: 4.5" (11,4 cm)
Jaw Width: Tapers from 4.7 mm to 3 mm
Jaw Bite Length: 15 mm

Rogozinski Locking Needle Driver/Scissors
Designed by Chaim Rogozinski, MD
Drive a needle and cut a suture without changing instruments

Product No’s:
3083 [Standard]
Overall Length: 6.5" (16.5 cm)
3084 [Large]
Overall Length: 7.75" (19.7 cm)

Longer sizes are helpful in orthopedics

Yezerski Small Bone Rongeurs
Designed by John Yezerski, MD
Designed for small bone applications in the hand and foot

Product No’s:
1799 [Small]
Overall Length: 7.125" (18,1 cm)
Jaw Width: 4 mm
Jaw Bite Width: 3 mm
Jaw Bite Length: 20 mm
1799-01 [Extra Small]
Overall Length: 4.5" (11,4 cm)
Jaw Width: Tapers from 4.7 mm to 3 mm
Jaw Bite Length: 15 mm

Orthopedic Needle Holder/Scissors
Drive a needle and cut a suture without changing instruments

Product No’s:
3083 [Standard]
Overall Length: 6.5" (16.5 cm)
3084 [Large]
Overall Length: 7.75" (19.7 cm)
Stanton Needle Driver
Designed by John L. Stanton, MD, FACS
Allows a heavy cutting needle such as an OS-6 to be pushed through cancellous bone when re-attaching muscle or tendon
The groove captures the outer (convex) side of the needle and prevents the needle from spinning even when applying significant pressure. Useful for reattaching the rotator cuff in rotator cuff repairs, as well as in attaching suture anchors.

PRODUCT NO: 3042
Overall Length: 6.75 (17.1 cm)
Jaw Width: .25" (6.3 mm)

Bates Needle Holder with Suture Cutter
Designed by James E. Bates, MD
By trapping the suture and cutting when the forcep is opened, helps to reduce stress on the surgeon’s hand

PRODUCT NO: 3071
Overall Length: 8.125" (20.6 cm)
Jaw Width: .25" (6.4 mm)
Open Jaw Length: .5" (12.8 mm)

Mazzara Rongeur with Small Pistol Grip Handle
Designed by James T. Mazzara, MD
Small pistol grip handle lessens hand fatigue and slippage, and allows for better visualization

PRODUCT NO: 1765-04
Jaw Bite: 2 x 10 mm
Overall Length: 9" (22.9 cm)

PRODUCT NO: 1765-05
Jaw Bite: 4 x 10 mm
Overall Length: 9" (22.9 cm)

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HAND & WRIST INSTRUMENTS
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.

**Vaughan Endzone Retractor**  
**Designed by Roderick Vaughan, MD**

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

**PRODUCT NO:**
- Short: 6” (15.2 cm) Length
- Long: 10” (25.4 cm) Length

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Overall Length</th>
<th>Diameter End</th>
</tr>
</thead>
<tbody>
<tr>
<td>1766</td>
<td>8.75” (22.2 cm) Deep Depth: 45 mm</td>
<td>Shallow Depth: 25 mm</td>
</tr>
<tr>
<td></td>
<td>5010-01 1/8” (3.2 mm) Diameter End</td>
<td>5050-01 1/8” (3.2 mm) Diameter End</td>
</tr>
<tr>
<td></td>
<td>5010-02 3/16” (4.8 mm) Diameter End</td>
<td>5050-02 3/16” (4.8 mm) Diameter End</td>
</tr>
<tr>
<td></td>
<td>5010-03 1/4” (6.3 mm) Diameter End</td>
<td>5050-03 1/4” (6.3 mm) Diameter End</td>
</tr>
<tr>
<td></td>
<td>5010-04 5/16” (8 mm) Diameter End</td>
<td>5050-04 5/16” (8 mm) Diameter End</td>
</tr>
</tbody>
</table>

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.

**Gray Syringe Assist with Ergonomic Handle**  
**Designed by Robert Gray, MD**

For use in the O.R or the office, the design helps to prevent hand fatigue and pain when injecting with a 20mL syringe over multiple cases.

- Sterilizable for O.R use, such as injecting the posterior capsule during TKA
- Especially useful for injecting preoperative local anesthesia for WALANT surgery
- Uses finger flexors to generate more force over more surface area than only the thumb flexor
- Ratchet mechanism ensures maximal grip force generation throughout entire injection

**PRODUCT NO:**
- Overall Length – Closed: 5.25” (13.3 cm)  
- Overall Length – Open: 7.5” (19.1 cm)  
- Syring Diameter: 21 mm

The forceps are closed, they form into an impacting punch.
Adson Forceps with Cobb Elevator End

Designed by Oscar Castro-Aragon, MD

**Has the advantages of having a Cobb tip at the end of an Adson forceps**

- Allows the opportunity to do soft tissue dissection, cleaning of the bone or bone fragments in a fracture, push bone fragments to hold a reduction in a fracture, separate soft tissue, and turn it around to pick up tissue without having to switch instruments back and forth.

**PRODUCT NO:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Overall Length</th>
<th>Tip Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>1166</td>
<td>4.75&quot; (12,1 cm)</td>
<td>2.4 mm (2,4 mm)</td>
</tr>
</tbody>
</table>

Sarraf Cement Trimmer

Designed by Khaled M. Sarraf, MD

**Two-in-one instrument designed for cement removal during arthroplasty surgery**

- 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.

**PRODUCT NO:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5212</td>
<td>7.75&quot; (19,7 cm)</td>
</tr>
</tbody>
</table>

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:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Overall Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>5245</td>
<td>8.5&quot; (21,6 cm)</td>
</tr>
</tbody>
</table>

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.

Mazzara Rongeur with Small Pistol Grip Handle

Designed by James T. Mazzara, MD

Small pistol grip handle lessens hand fatigue and slippage, and allows for better visualization

PRODUCT NO'S:

1765-04
Jaw Bite: 2 x 10 mm
Overall Length: 9" (22.9 cm)

1765-05
Jaw Bite: 4 x 10 mm
Overall Length: 9" (22.9 cm)

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