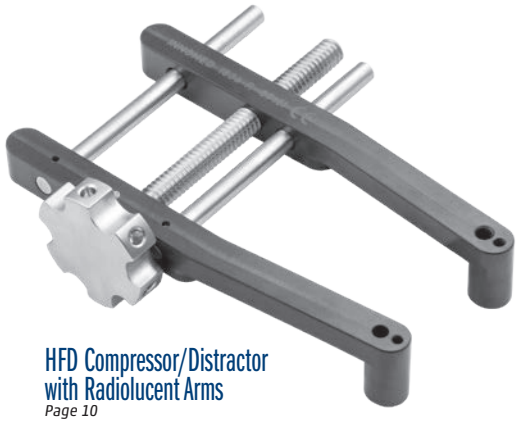
INNOMED
ORTHOPEDIC INSTRUMENTS

JULY **2020**



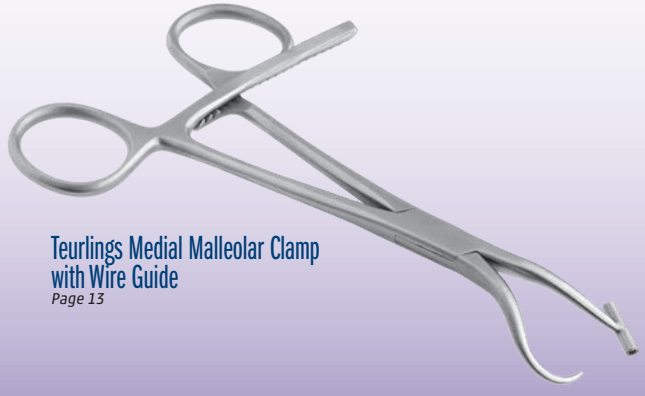
HFD Compressor/Distractor with Radiolucent Arms
Page 10

Ratcheting Reduction Clamp Kit
Page 20

Featuring many **New!** *instruments throughout*

Small Cannulated Ball Spike
Page 30

McGlamry Type Elevators
Page 24



Teurlings Medial Malleolar Clamp with Wire Guide
Page 13

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Foot & Ankle Instruments

What's New In This Catalog?

a snapshot of all the *New!* instruments within

Chung T-Handle Retractors with Extended Handles
Page 3

Faillace Extra Small Bone Clamp
Page 16

Foot and Ankle Joint Double Sided Chisel Set
Back Cover

Lubahn Extended Corkscrew
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Mazzara Rongeur with Small Pistol Grip Handle
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McGlamry Type Elevators
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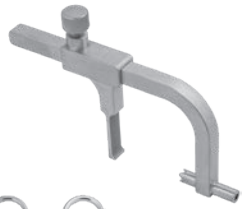
Mogul K-Wire/Pin Insertion Guide
Page 12



Pointed Fracture Reduction Clamps
Page 14

Ratcheting Reduction Clamp Kit
Page 20

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

Small Cannulated Ball Spike
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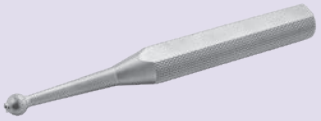
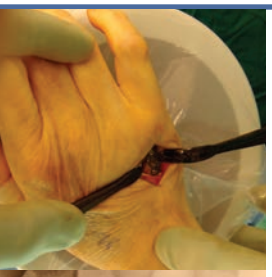
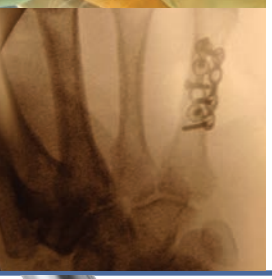






OrthoLucent™ Mini Hohmann Retractors

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:	
1594-R [8 mm Blade] *Overall Length: 6.875" (17,5 cm)* *Blade Width: 8 mm*	1597-R [16 mm Blade] *Overall Length: 6.875" (17,5 cm)* *Blade Width: 16 mm*

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

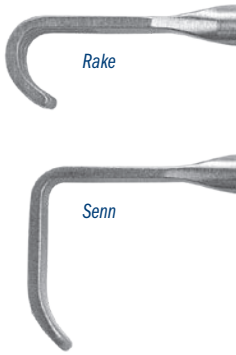
Provides excellent exposure. Also helpful in scaphoid fracture repair surgery.

PRODUCT NO'S:	
1680-02 [Large] *Overall Length: 5.5" (14 cm)*	USA MADE
1680-01* [Small] *Overall Length: 4.25" (10,8 cm)*	MADE EXCLUSIVELY FOR INNOMED IN GERMANY *

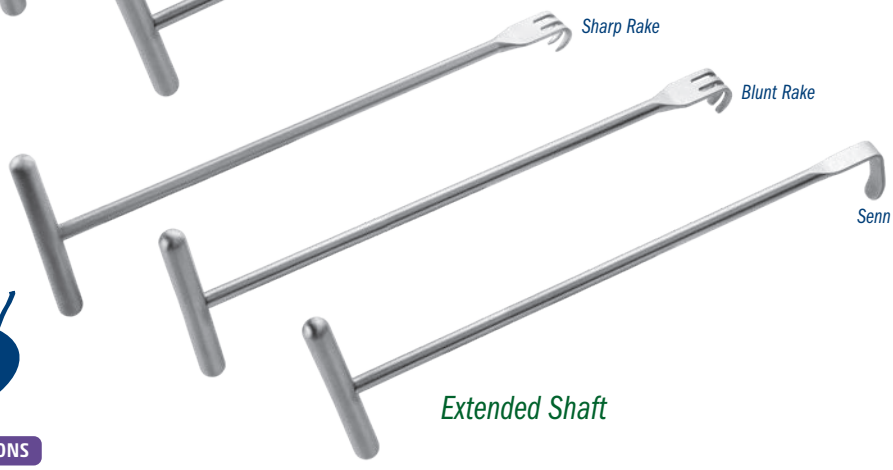
Chung T-Handle Retractors

Designed by Raymond Chung, MD

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



Standard Shaft



Extended Shaft

PRODUCT NO'S:
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*

USA MADE

New!

EXTENDED SHAFT VERSIONS

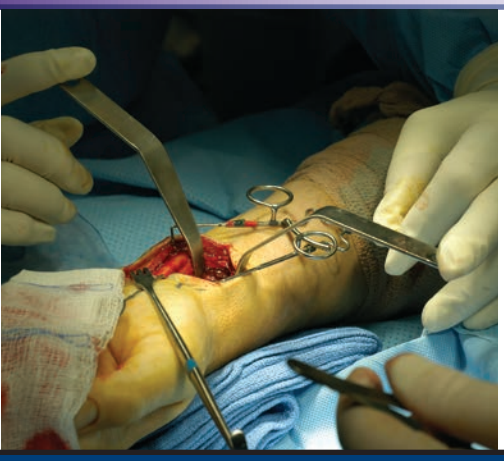
PRODUCT NO'S:
1665 [Blade: 6 mm Wide / 35 mm Drop] *Overall Length: 5.875" (14,9 cm)* *Blade Width: 6 mm* *Blade Drop: 35 mm*
1665-01 [Blade: 6 mm Wide / 17 mm Drop] *Overall Length: 5.5" (14 cm)* *Blade Width: 6 mm* *Blade Drop: 17 mm*
1666 [Blade: 8 mm Wide / 35 mm Drop] *Overall Length: 5.875" (14,9 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*

USA MADE

Modified Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Used for small bone surgery



J.B. Redler Retractor

Designed by M.R. Redler, MD

PRODUCT NO:
1645 *Overall Length: 5" (12,7 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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.

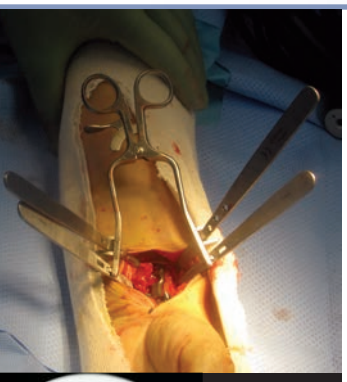
Faillace Ambidextrous Self-Retaining Retractor

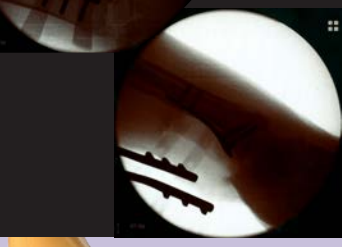
Designed by John J. Faillace, MD

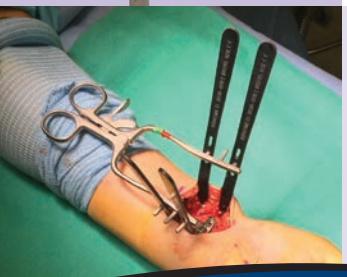
Handle can be rotated away from the surgeon after insertion if desired

PRODUCT NO'S:
1580 [7 Teeth] *Overall Length: 7.5" (19,1 cm)* *Prong Depth: 38 mm* *Prong Width: 34 mm*
1579 [4 Teeth] *Overall Length: 6" (15,2 cm)* *Prong Depth: 38 mm* *Prong Width: 18 mm*
1579-01 [Small – 4x3 Teeth] *Overall Length: 5.25" (13,3 cm)* *Prong Depth: 20 mm* *Prong Width: 18 mm / 13 mm*

USA MADE







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:	
1838-00 [Set]	Set consists of one ratcheting self-retaining retractor, two stainless steel mini-hohmann retractor blades, and a stertilization case.
Replacement Parts:	
1838-01 [Retractor Only] *Overall Length: 5.5" (14cm)*	
1838-02 [Blade Only – One] *Overall Length: 5.25" (13,3cm)* *Blade Width: 3/8" (9mm)*	
1025 [Sterilization Case Only]	
Optional Parts — Not Included In Set:	
1838-02R* [Radiolucent Blade Only – One] *Overall Length: 5.25" (13,3cm)* *Blade Width: 3/8" (9mm)*	

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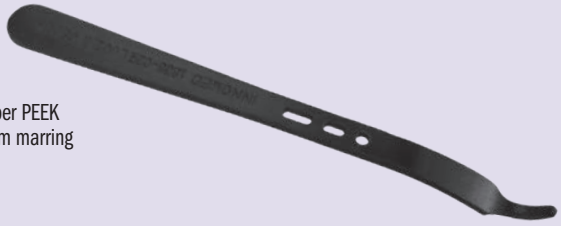
* MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

US Patent No. 9,161,745 B2

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.



Wurapa Swivel Blade Retractor

Designed by Raymond Wurapa, MD

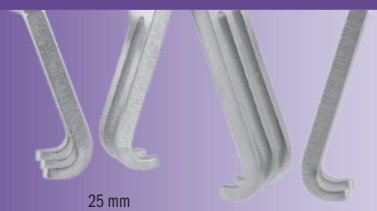
Designed for forearm and wrist fracture exposure, the blades swivel for less stress on soft tissue

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)* *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)*

USA MADE

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



25 mm

30 mm

Chung Weitlaner Retractors

Designed by Raymond Chung, MD

Longer prongs allow use in a small, but deep wound

3x4 Prongs

3x2 Prongs

PRODUCT NO'S:	
3x4 Prongs — Blunt Tips	***3x4 Prongs — Sharp Tips***
5065-01 [25 mm] *Blade Depth: 25 mm* *Overall Length: 4.5" (11,4 cm)*	5066-01 [25 mm] *Blade Depth: 25 mm* *Overall Length: 4.5" (11,4 cm)*
5067-01 [30 mm] *Blade Depth: 30 mm* *Overall Length: 4.5" (11,4 cm)*	5068-01 [30 mm] *Blade Depth: 30 mm* *Overall Length: 4.5" (11,4 cm)*

USA MADE

PRODUCT NO'S:	
2x3 Prongs — Blunt Tips	***2x3 Prongs — Sharp Tips***
5065 [25 mm] *Blade Depth: 25 mm* *Overall Length: 4.5" (11,4 cm)*	5066 [25 mm] *Blade Depth: 25 mm* *Overall Length: 4.5" (11,4 cm)*
5067 [30 mm] *Blade Depth: 30 mm* *Overall Length: 4.5" (11,4 cm)*	5068 [30 mm] *Blade Depth: 30 mm* *Overall Length: 4.5" (11,4 cm)*

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*

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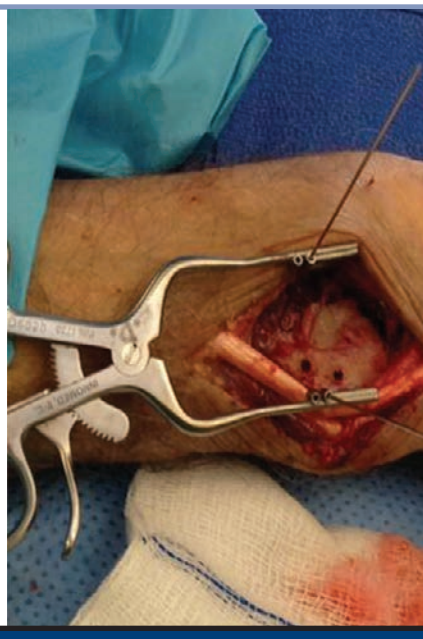
Left

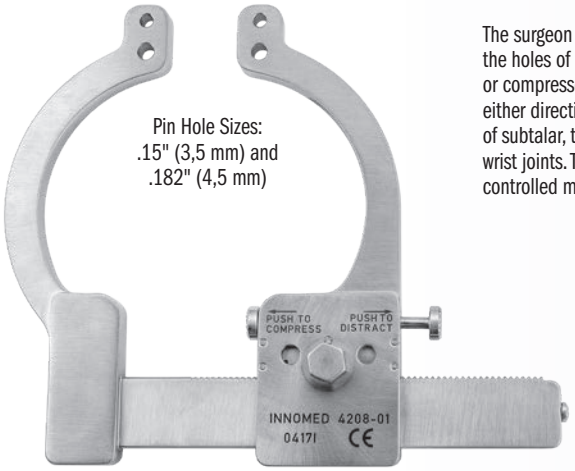
Right



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



Pin Hole Sizes:
.15" (3,5 mm) and
.182" (4,5 mm)

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]

USA MADE

Calcaneal Spreader

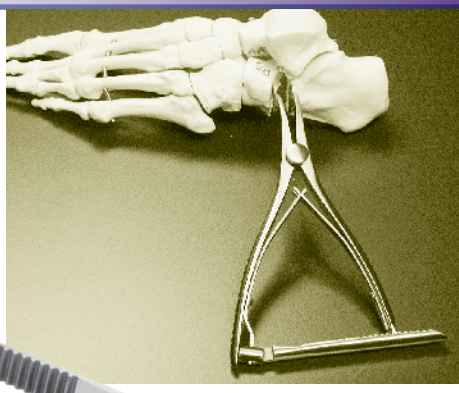
Designed by Michael Forness, DO

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.

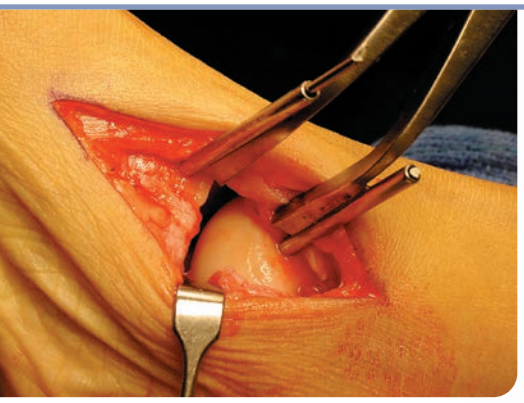
Smooth pads

Grooved pads



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*

USA MADE



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

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.

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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*

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)*

USA MADE

PRODUCT NO:
1841 *Overall Length: 6.75" (17,1 cm)* *Prong Length: .5" (12,7 mm)* *Calibrations: 10 mm to 35 mm*

USA MADE

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

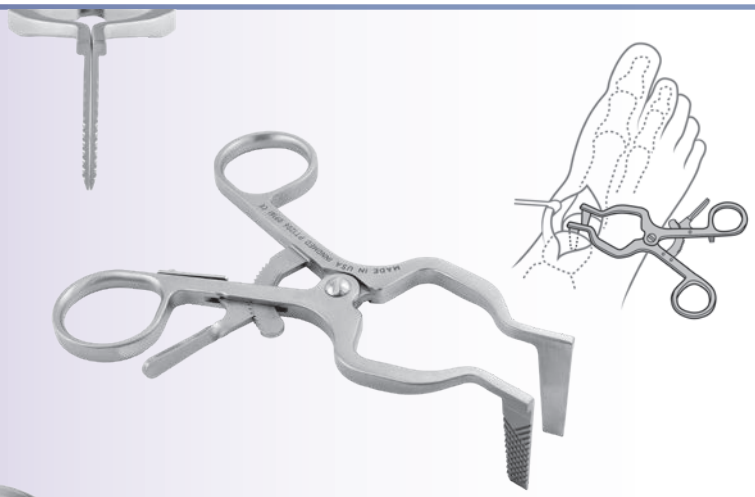
HFD Self-Retaining Small Bone Spreader

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.

PRODUCT NO:
1829 *Overall Length: 4.5" (11,4 cm)* *Blade Depth: 28 mm* *Blade Width Tapers from: 8 mm to 5 mm*

USA MADE



Calcaneal Lateral Column Spreader

Designed by K. Wapner, MD

For lateral column lengthening of the calcaneus

PRODUCT NO:
1725 *Pads: 14 mm x 12 mm* *Arms Open to: 45 mm* *Overall Length: 4.25" (10,8 cm)*

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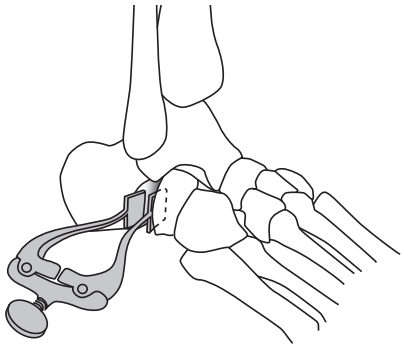

Joint, Calcaneal and Small Bone Distractors

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

PRODUCT NO'S:	
OUTSPREAD ARMS	***CLOSED ARMS***
4210-LB [Large] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*	4210-LS [Large] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*
4210-SB [Small] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 6" (15,2 cm)*	4210-SS [Small] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 6" (15,2 cm)*
	4210-XSD [Extra Small] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 4.25" (10,8 cm)*

USA MADE

LARGE
Outspread and Closed Arms

SMALL
Outspread and Closed Arms

EXTRA SMALL
Closed Arms only

Joint, Calcaneal and Small Bone Distractors with Thumbscrews

Thumbscrew Modification Designed by Kelly McCormick, MD

Thumbscrews help prevent the unit from sliding on the pins

PRODUCT NO'S:	
OUTSPREAD ARMS	***CLOSED ARMS***
4215-LB [Large] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*	4215-LS [Large] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*
4215-SB [Small] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 6" (15,2 cm)*	4215-SS [Small] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 6" (15,2 cm)*

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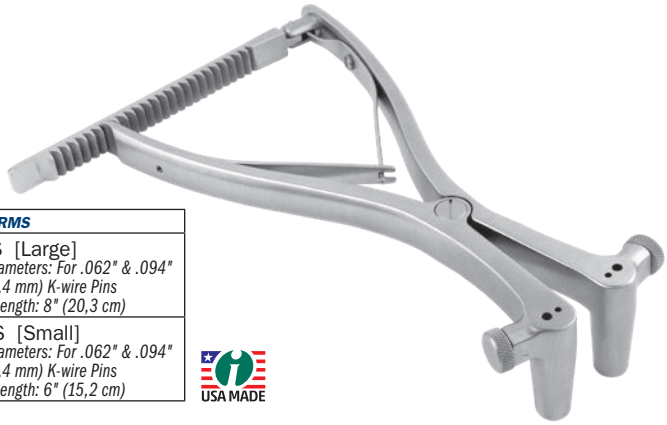


WITH THUMBSCREWS
Large and Small, Outspread and Closed Arms

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)

PRODUCT NO'S:
4210-SC [Small] *Overall Length: 6" (15,2 cm)*
4210-XSC [Extra Small] *Overall Length: 4.25" (10,8 cm)*

USA MADE

EXTRA SMALL

SMALL

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.

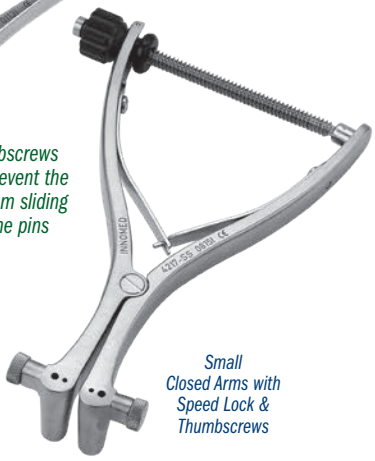
Large Closed Arms with Speed Lock

Small Closed Arms with Speed Lock

Extra Small Closed Arms with Speed Lock

Large Outspread Arms with Speed Lock & Thumbscrews

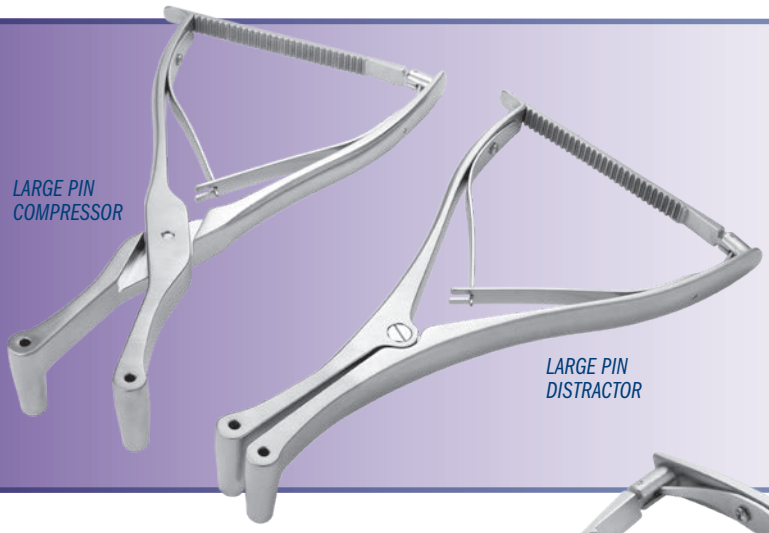
Thumbscrews help prevent the unit from sliding on the pins



Small Closed Arms with Speed Lock & Thumbscrews

USA MADE

PRODUCT NO'S:	
CLOSED ARMS WITH SPEED LOCK	
4216-LS [Large] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*	***OUTSPREAD ARMS WITH SPEED LOCK & THUMBSCREWS***
4216-SS [Small] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 6" (15,2 cm)*	4217-LB [Large] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*
4216-XS [Extra Small] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 4.5" (11,4 cm)*	***CLOSED ARMS WITH SPEED LOCK & THUMBSCREWS***
	4217-SS [Small] *Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins* *Overall Length: 6" (15,2 cm)*



LARGE PIN COMPRESSOR

LARGE PIN DISTRACTOR

Large Pin Distractor and Compressor

Larger 1/8" (3,2 mm) pin hole size for extra sturdy distraction or compression

USA MADE

PRODUCT NO'S:
4233 [Large Pin Distractor] *Hole Diameters: For .125" (3,2 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*
4234 [Large Pin Compressor] *Hole Diameters: For .125" (3,2 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*

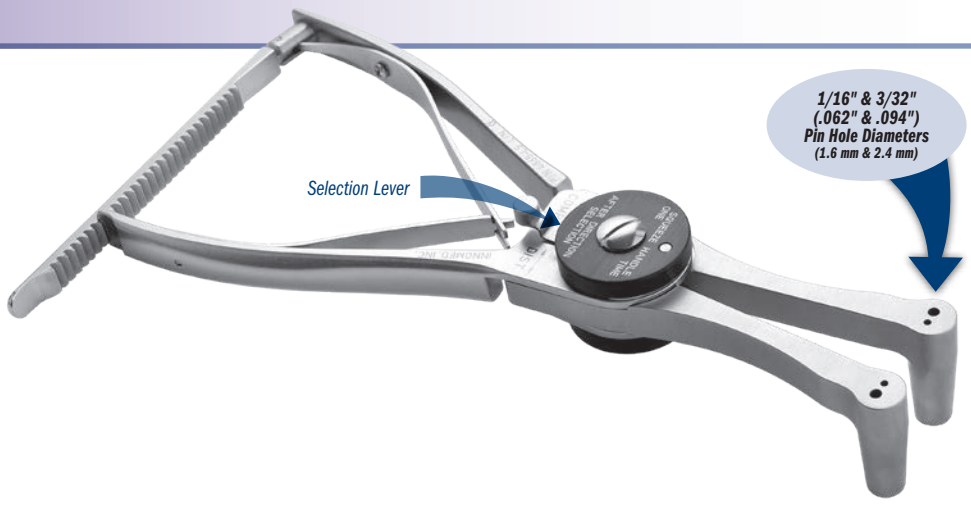
Joint, Calcaneal, and Small Bone Compressor/Distractor

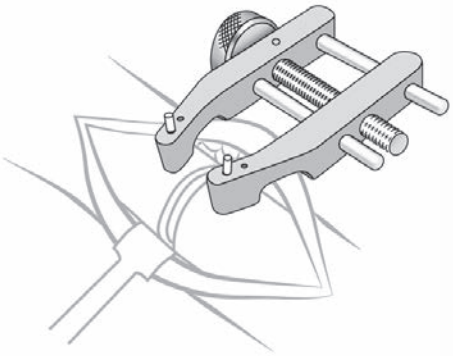
Selection lever switches the mechanism from compression to distraction

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

USA MADE

PRODUCT NO:
4865-LS *Overall Length: 8.5" (21,6 cm)* *Holes For: .062" & .094" (1,6 & 2,4 mm) K-wire Pins*

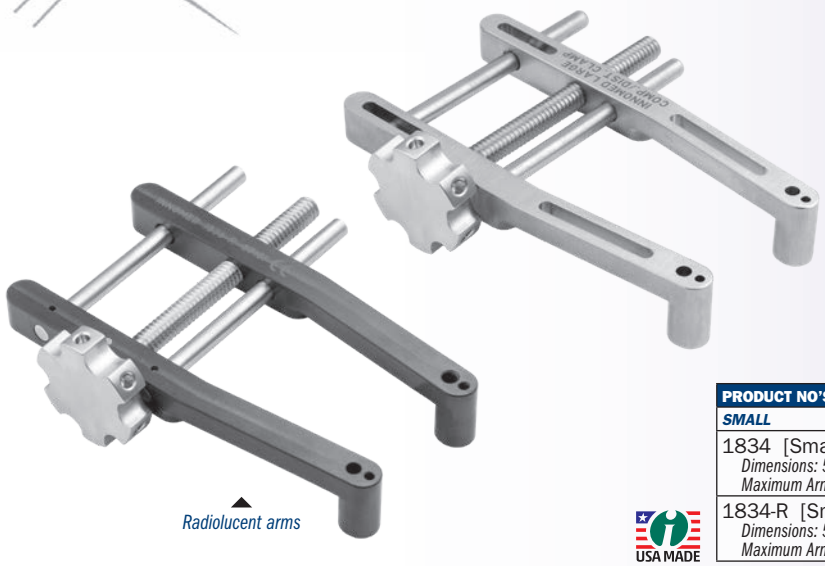




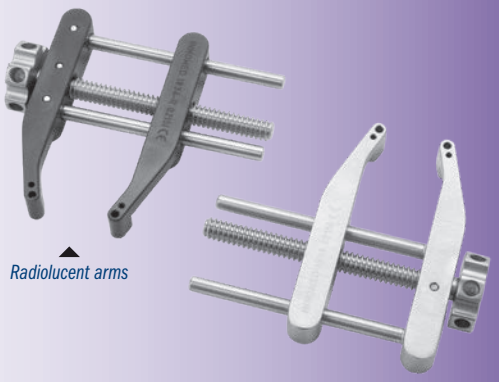
HFD Compressor/Distractor

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



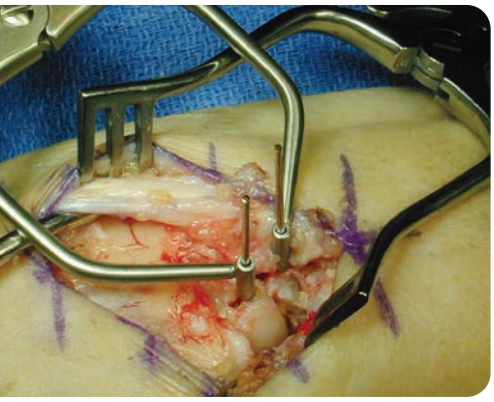
Radiolucent arms



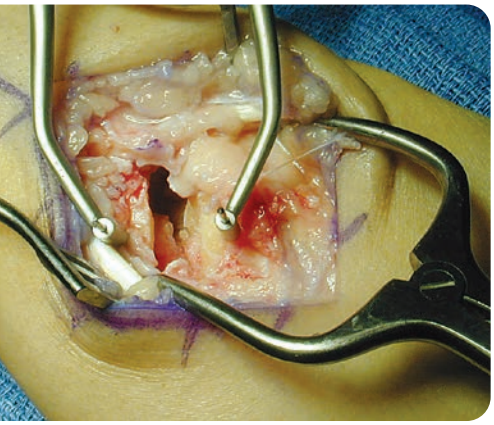
Radiolucent arms

PRODUCT NO'S:	
SMALL	***LARGE***
1834 [Small – All Stainless Steel] *Dimensions: 51 mm x 57 mm* *Maximum Arm Opening: 1.35" (3,4 cm)*	1836 [Large – All Stainless Steel] *Overall Length: 4" (10,2 cm)* *Maximum Arm Opening: 2.25" (5,7 cm)*
1834-R [Small With Radiolucent Arms] *Dimensions: 51 mm x 57 mm* *Maximum Arm Opening: 1.35" (3,4 cm)*	1836-R [Large With Radiolucent Arms] *Overall Length: 4" (10,2 cm)* *Maximum Arm Opening: 2.25" (5,7 cm)*

USA MADE



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



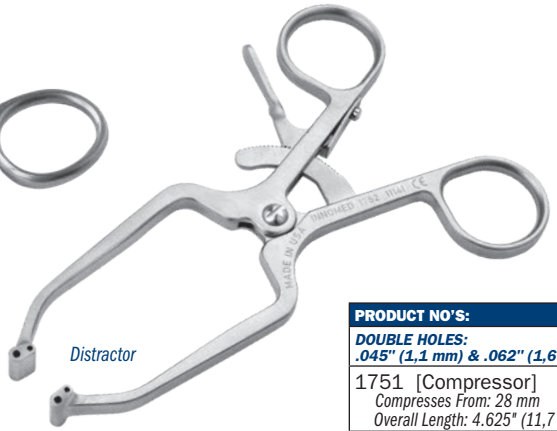
Wurapa Small Joint Compressor and Distractor

Designed by Raymond K. Wurapa, MD

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

Available with two hole sizes on each instrument!

Compressor



Distractor

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:
DOUBLE HOLES: .045" (1,1 mm) & .062" (1,6 mm)
1751 [Compressor] *Compresses From: 28 mm* *Overall Length: 4.625" (11,7 cm)*
1752* [Distractor] *Distracts to: 46 mm* *Overall Length: 4.625" (11,7 cm)*
SINGLE HOLE: .045" (1,1 mm) Hole
1753 [Compressor] *Compresses From: 28 mm* *Overall Length: 4.5" (11,4 cm)*
1754 [Distractor] *Distracts to: 46 mm* *Overall Length: 4.5" (11,4 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

* USA MADE

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

PRODUCT NO:
1869 *Overall Length: 9.25" (23,5 cm)* *Blade Length: 3.5" (8,9 cm)* *Blade Width: .6" (1,5 cm)*

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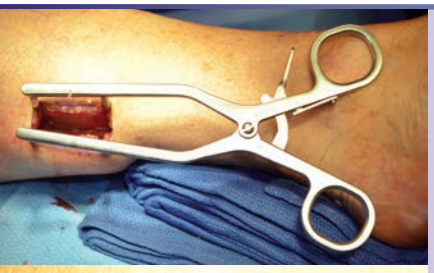
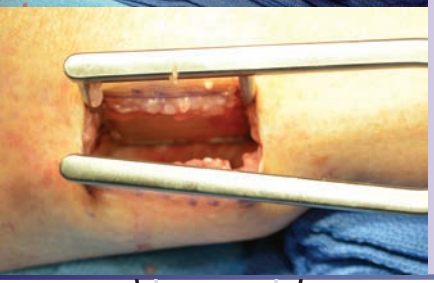


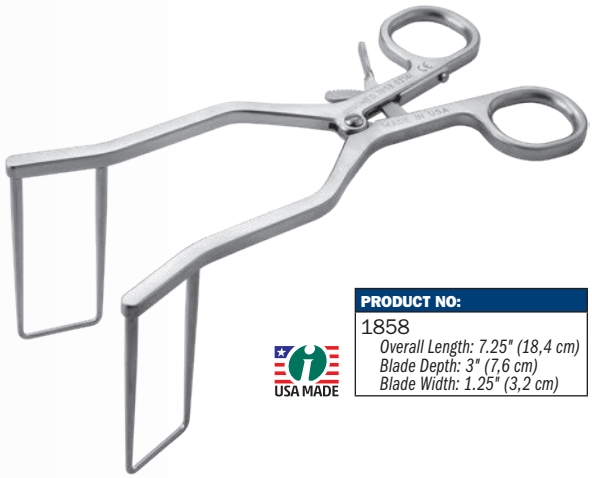


Desai Clearview Open Blade Self-Retaining Retractor

Designed by Sarang Desai, DO

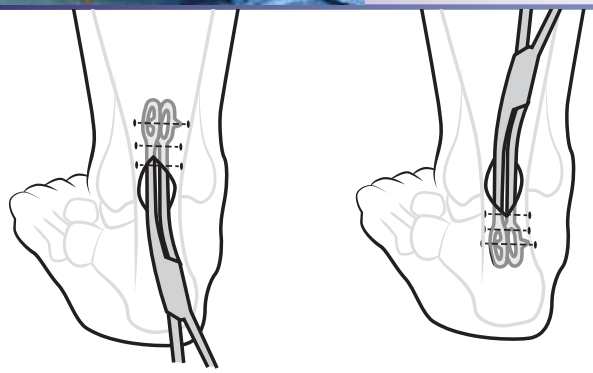
Open blade design allows clear visualization of soft tissue and neurovascular structures being retracted

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.



USA MADE

PRODUCT NO:
1858 *Overall Length: 7.25" (18,4 cm)* *Blade Depth: 3" (7,6 cm)* *Blade Width: 1.25" (3,2 cm)*



Percutaneous Achilles Repair Forceps

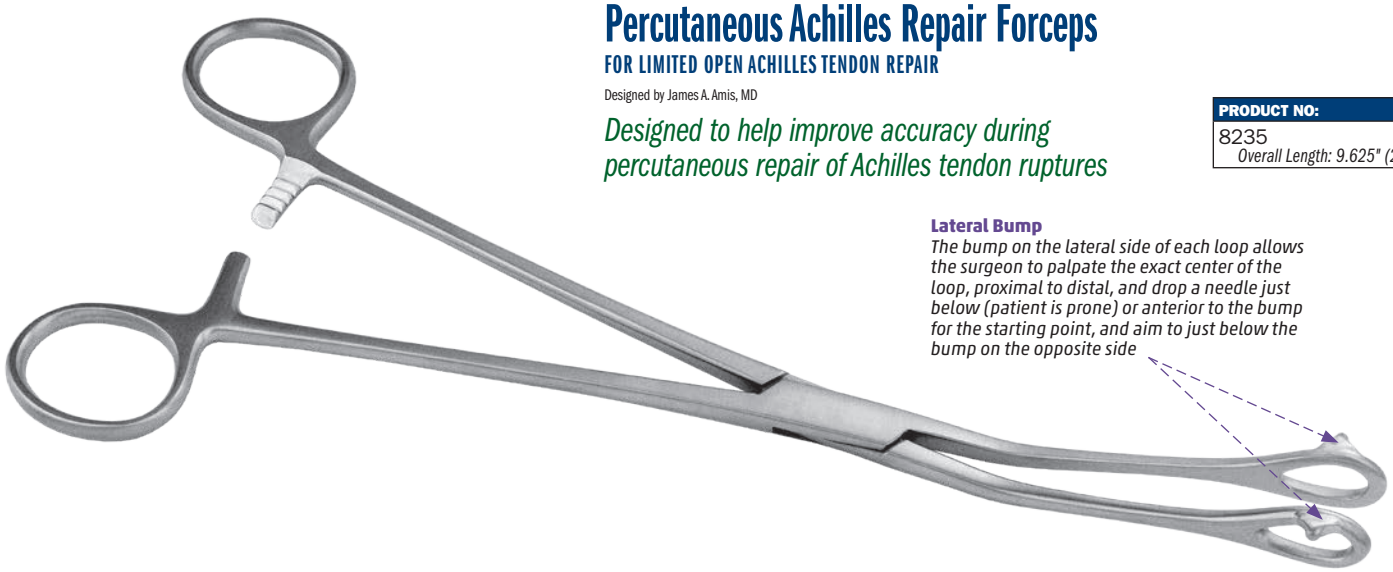
FOR LIMITED OPEN ACHILLES TENDON REPAIR

Designed by James A. Amis, MD

Designed to help improve accuracy during percutaneous repair of Achilles tendon ruptures

USA MADE

PRODUCT NO:
8235 *Overall Length: 9.625" (24,4 cm)*



Lateral Bump

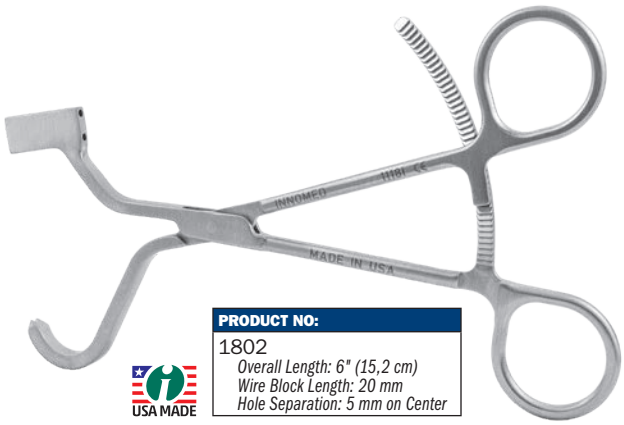
The bump on the lateral side of each loop allows the surgeon to palpate the exact center of the loop, proximal to distal, and drop a needle just below (patient is prone) or anterior to the bump for the starting point, and aim to just below the bump on the opposite side

Desai Jones Fracture Reduction Clamp

Designed by Sarang Desai, DO

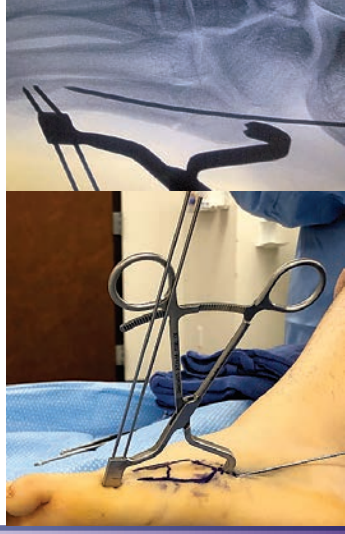
Designed to reduce and maintain reduction of Jones fractures, helping to prevent distration and/or rotation during wire, tap, and subsequent screw placement

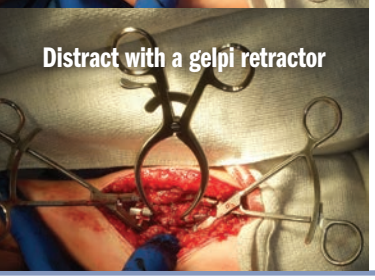
Distally there are two k-wire holes for placement in the distal 5th metatarsal and the 2-pronged clamp proximally is placed on the tuberosity, allowing a "high and inside" screw placement without interference.



USA MADE

PRODUCT NO:
1802 *Overall Length: 6" (15,2 cm)* *Wire Block Length: 20 mm* *Hole Separation: 5 mm on Center*



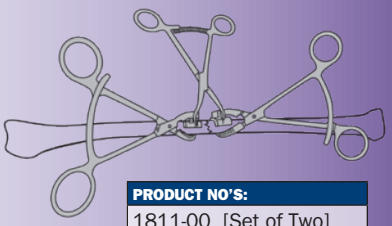


Stanton Articulating Small Bone Clamps

Designed by John L. Stanton, MD

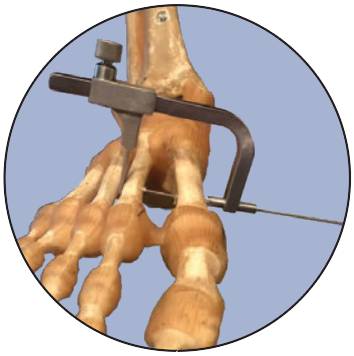
Opposing clamps facilitate manipulation of fracture ends

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.



USA MADE

PRODUCT NO'S:
1811-00 [Set of Two]
Also available individually:
1811-L [Left] *Overall Length: 5.125" (13 cm)* *Curved Plate Radius: 5 mm* *Pin Hole for Pins Up To: 2,4 mm*
1811-R [Right] *Overall Length: 5.125" (13 cm)* *Curved Plate Radius: 5 mm* *Pin Hole for Pins Up To: 2,4 mm*



Mogul K-Wire/Pin Insertion Guide

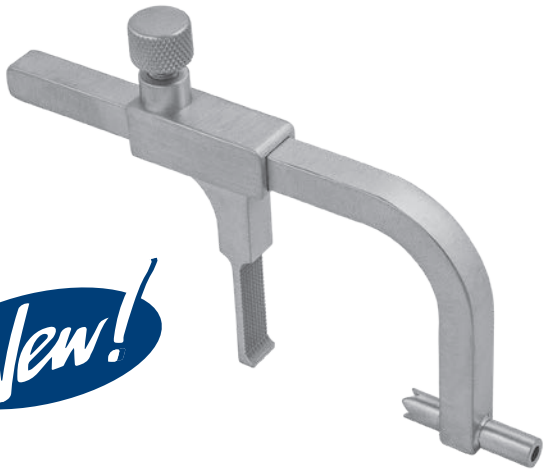
Designed by Stuart J. Mogul, DPM, FACFAS

A guide designed for passing guide pins or k-wires through two adjacent metatarsal bones

USA MADE

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)*

New!



Argintar Claw Drill Guide Wire/Suture Passer

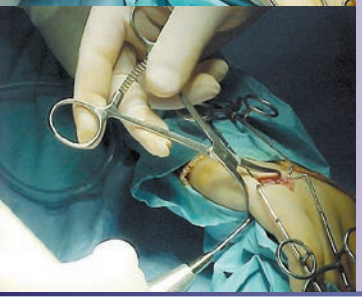
Designed by Evan Argintar MD

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).

USA MADE

PRODUCT NO:
8315-00 [Set: (1) Claw, (1) Wire/Suture Pin]
8315-01 [Claw Unit] *Overall Dimensions: 2.5" x 4"-6" (6,4 cm x 10,2 cm-15,2 cm)*
1227 [3/32" (2 mm) Pin with Wire/Suture Hole] *Overall Length: 6" (15,2 cm)*



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.

PRODUCT NO'S:	
	Overall Length: 5" (12,7 cm)
1810-35	*Tube Diameter: .035" (.9 mm)*
1810-45	*Tube Diameter: .045" (1.1 mm)*
1810-62	*Tube Diameter: .062" (1.6 mm)*

USA MADE

Three Tube Sizes Available

Designed by M.R. Redler, MD

Chang Pin Clamp

Designed by Win Chang, MD

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*

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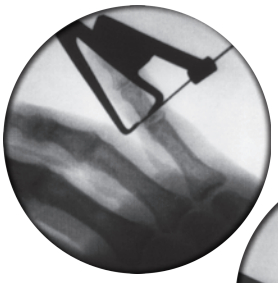

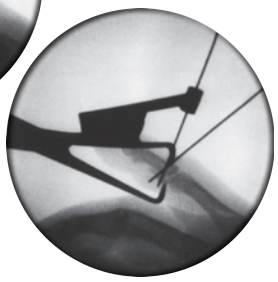

(Prototype used in X-ray images)

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 fixates 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.

PRODUCT NO:
1812 *Cannula Accepts K-wire up to: .045" (1,1 mm)* *Overall Length: 5" (12,7 cm)*

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Designed by A. Austin

Teurlings Medial Malleolar Clamp with Wire Guide

Designed by Luc Teurlings, MD

Helps to stabilize the medial malleolar fragment during internal fixation

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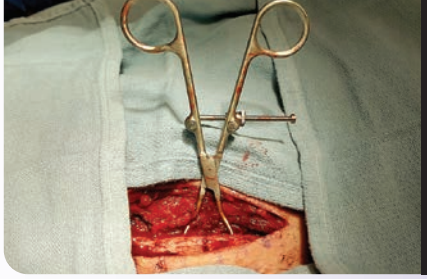
PRODUCT NO:
1803 *Cannula Diameter: .062" (1.6 mm)* *Overall Length: 5.25" (13,3 cm)*

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:	
SMALL WITH SPEED LOCK MECHANISM	***MEDIUM WITH SPEED LOCK MECHANISM***
3666 [Straight Left & Right] *Overall Length: 5.5" (14 cm)*	3666-01 [Straight Left & Right] *Overall Length: 7" (17,8 cm)*
3667 [Curved Left & Right] *Overall Length: 5.5" (14 cm)*	3667-01 [Curved Left & Right] *Overall Length: 7" (17,8 cm)*
3666-L [Curved Left, Straight Right] *Overall Length: 5.5" (14 cm)*	3666-L-01 [Curved Left, Straight Right] *Overall Length: 7" (17,8 cm)*
3666-R [Straight Left, Curved Right] *Overall Length: 5.5" (14 cm)*	3666-R-01 [Straight Left, Curved Right] *Overall Length: 7" (17,8 cm)*
SMALL WITH RATCHET MECHANISM	
3668 [Straight Left & Right] *Overall Length: 5.5" (14 cm)*	
3669 [Curved Left & Right] *Overall Length: 5.5" (14 cm)*	
3668-L [Curved Left, Straight Right] *Overall Length: 5.5" (14 cm)*	
3668-R [Straight Left, Curved Right] *Overall Length: 5.5" (14 cm)*	

USA MADE

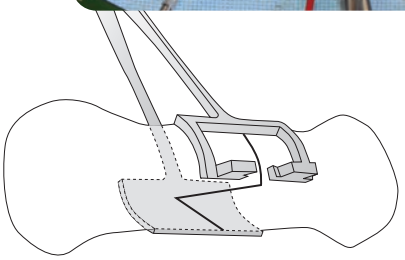
Two styles – Speed Lock and Ratchet – each available in four tine configurations

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.



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PRODUCT NO'S:
1638 [Large] *Overall Length: 7" (17,8 cm)* *Clamp Pads: 1.3" x .625" (3,3 cm x 1,6 cm)*
1638-25 [Medium] *Overall Length: 6.5" (16,5 cm)* *Clamp Pads: 1" x .5" (2,5 cm x 1,3 cm)*
1638-50 [Small] *Overall Length: 6.25" (15,9 cm)* *Clamp Pads: .625" x .325" (1,6 cm x .8 cm)*

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]

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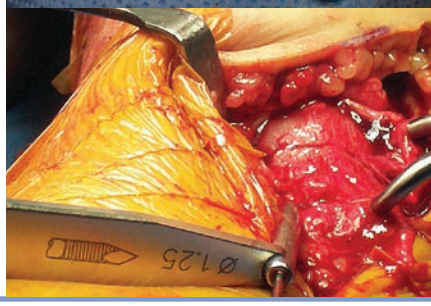
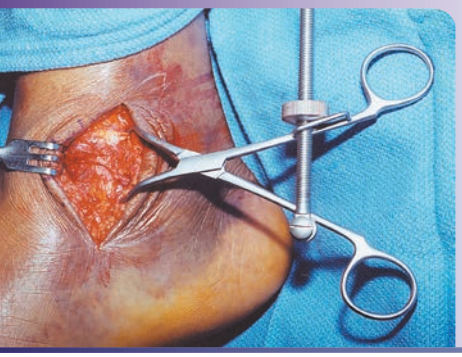


Medial Malleolar/Bone Fragment Clamps

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"*

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Bush Small Bone Reduction Forceps

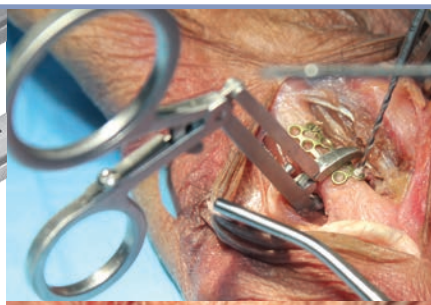
Designed by Andrew P. Bush, MD

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)*

USA MADE



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)*

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New!

AVAILABLE SEPTEMBER 2020

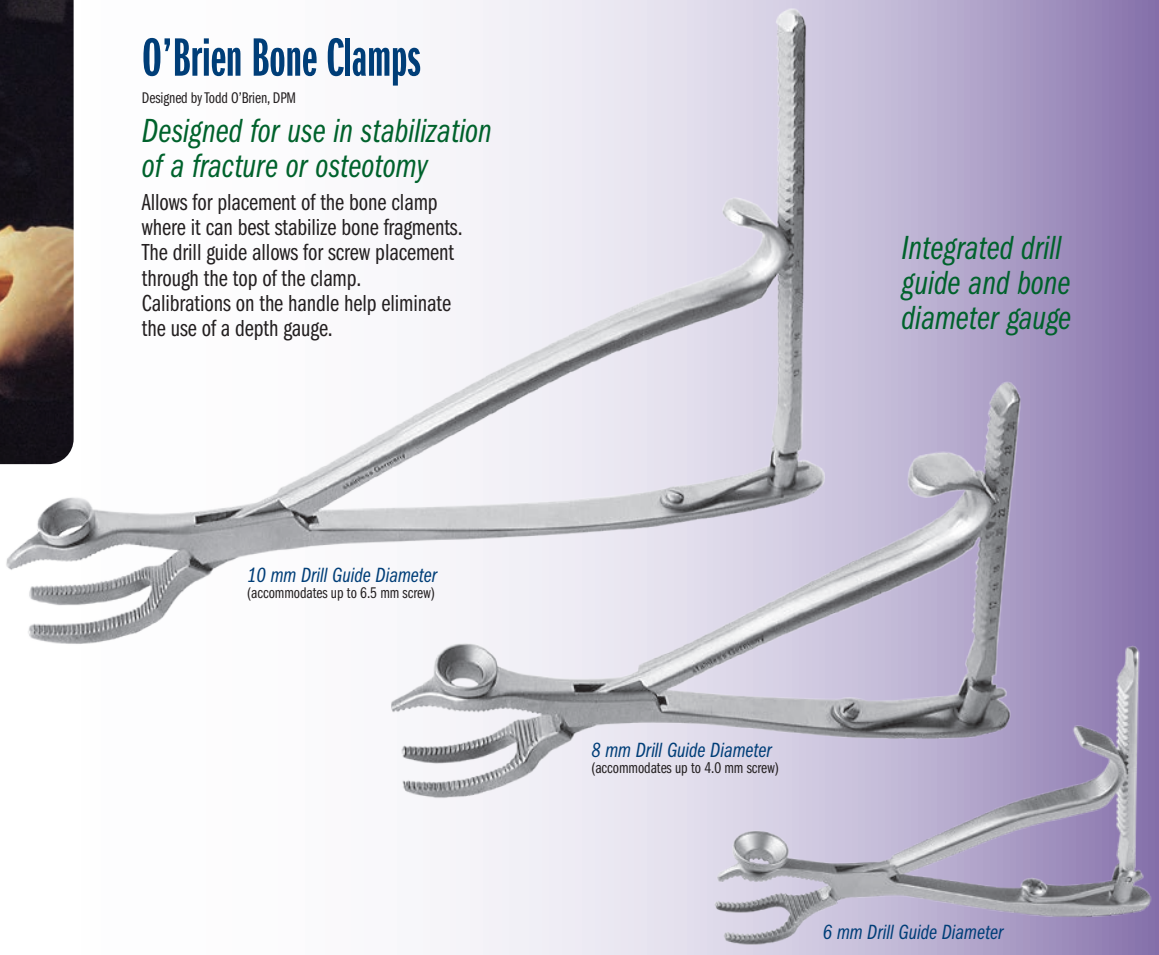
O'Brien Bone Clamps

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.

Integrated drill guide and bone diameter gauge



10 mm Drill Guide Diameter
(accommodates up to 6.5 mm screw)

8 mm Drill Guide Diameter
(accommodates up to 4.0 mm screw)

6 mm Drill Guide Diameter

PRODUCT NO'S:
1890-02 [Large] *Drill Guide Diameter: 10 mm (accomodates 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 (accomodates 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)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

* USA MADE

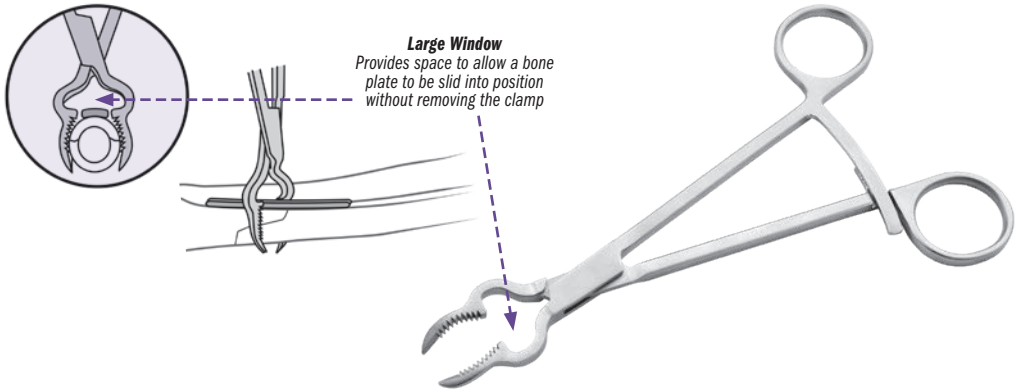
Durham Bone Reduction Clamp

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)*

USA MADE



Large Window
Provides space to allow a bone plate to be slid into position without removing the clamp

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)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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)*

USA MADE

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)*

MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

Lewin Small Bone Clamp

PRODUCT NO:
4685 *Overall Length: 5" (12,7 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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" (15,2 cm)* *Clamp Internal Opening Diameter: 4 mm*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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)*

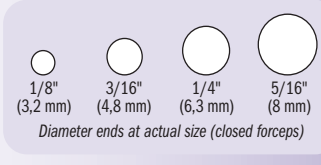
USA MADE

Universal Bone Grafting/Impacting Forceps

Designed by J. A. Amis, MD

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

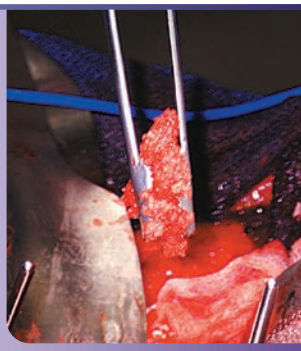
The forceps are designed with grasping ends for delivery of bone graft. When the graft is in place, the forceps are closed, which forms the ends into an impacting punch. A striking platform is attached to the end of the forceps for tapping and tamping the graft. Four end diameters are available in two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



Diameter ends at actual size (closed forceps)

PRODUCT NO'S:	
Short: 6" (15,2 cm) Length	***Long: 10" (25,4 cm) Length***
5010-01 *1/8" (3,2 mm) Diameter End*	5050-01 *1/8" (3,2 mm) Diameter End*
5010-02 *3/16" (4,8 mm) Diameter End*	5050-02 *3/16" (4,8 mm) Diameter End*
5010-03 *1/4" (6,3 mm) Diameter End*	5050-03 *1/4" (6,3 mm) Diameter End*
5010-04 *5/16" (8 mm) Diameter End*	5050-04 *5/16" (8 mm) Diameter End*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



When the forceps are closed, they form into an impacting punch

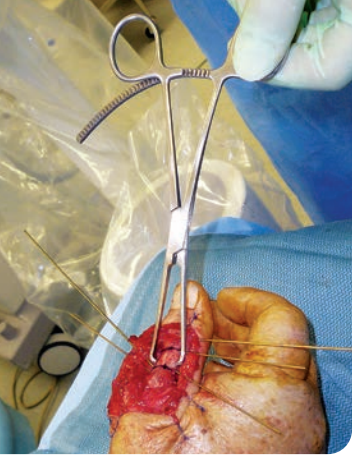
Sarraf TiN Coated Cement Removal Forceps

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)*

Designed by Khaled M. Sarraf, MD

USA MADE



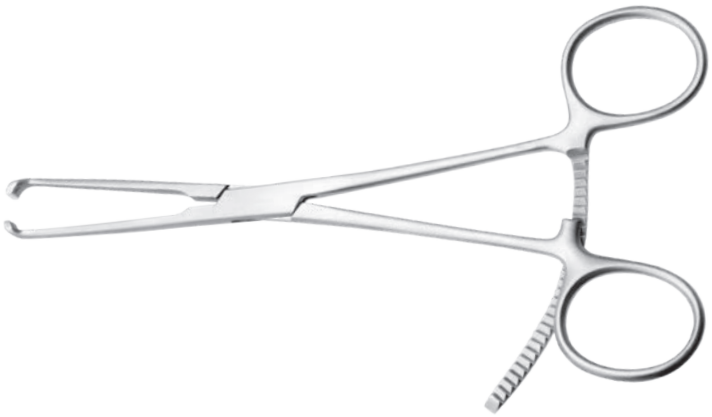
Resnick Allis Bone Clamp

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*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



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*

Modification of design by Charles T. Resnick MD

USA MADE

- 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)*

USA MADE

Bozeman Cement Trimmer

Designed by Daniel M. Gannon, MD

Combines the two most common cement trimming tools into one

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 nitrite coated to help eliminate metal transfer.

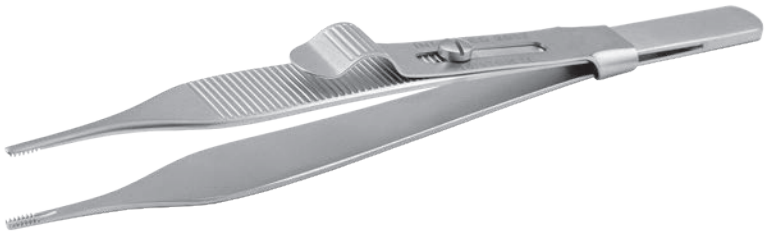
PRODUCT NO:
5245 *Overall Length: 8.5" (21,6 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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)*

USA MADE

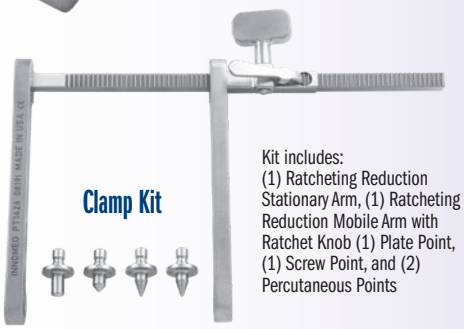
Ratcheting Reduction Clamp Kit

Designed by Michael Craig, OPA-C

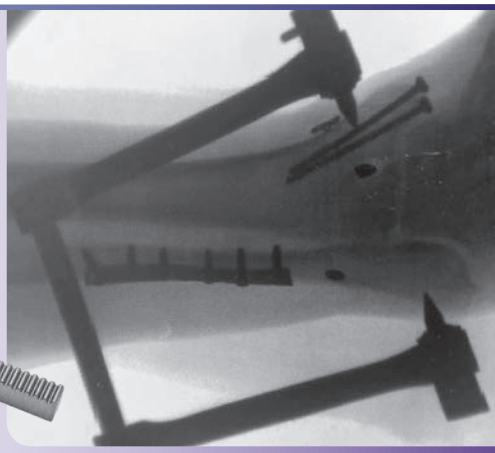
Designed as a soft tissue sparing fracture reduction clamp

New!

Plate Point *Screw Point* *Percutaneus Points*



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



USA MADE

PRODUCT NO'S:
3840-00 [Clamp Kit]
Also available Individually:
3840-02 [Plate Point] *Overall Length: 1" (2,54 cm)*
3840-03 [Screw Point] *Overall Length: .875" (2,2 cm)*
3840-04 [Percutaneous Point] *2 included in set, one with this product number* *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)*

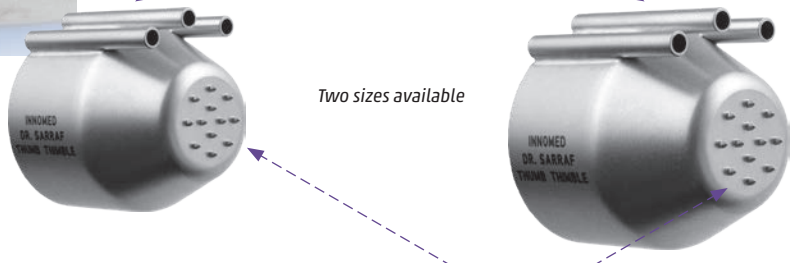
- High torque can help provide bone and joint reduction without squeezing surrounding tissues
- Swivel points are placed on the bone, plate, or screw and the ratcheting dial is turned to the desired torque, allowing hands free operation
- Swivel point design allows the clamp to be easily moved from x-ray 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

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



Two sizes available

Pointed Tips
Helps to reduce the chance of slippage.

Provides the surgeon with an instrument for maintaining a fracture fragment in the appropriately reduced position during application of K-wires. Helpful in osteoperotic 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.

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)*

USA MADE

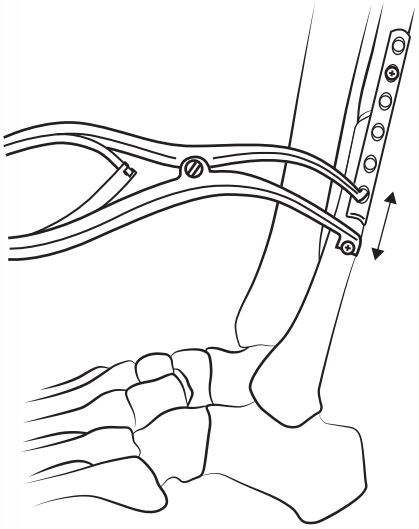
Wixted Fracture Distactor

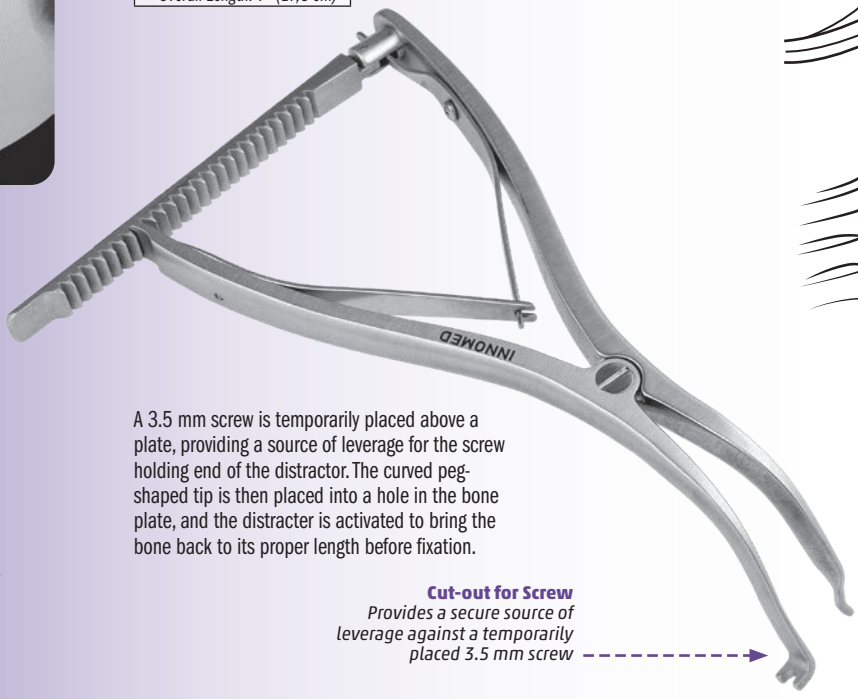
Designed by John J. Wixted, MD

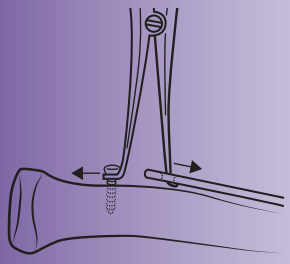
Designed to provide opposing leverage to help bring the fibula (or other bone) back out to its proper length after it has been shortened by a fracture

PRODUCT NO:
1882 *Overall Length: 7" (17,8 cm)*

USA MADE







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 distracter is activated to bring the bone back to its proper length before fixation.

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

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

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: 13.375" (34 cm)* *Handle Length: 6" (15,2 cm)*

USA MADE

New!

Fracture Reduction Pick

Used to align bone fragments, and to pick away tissue and bone fragments

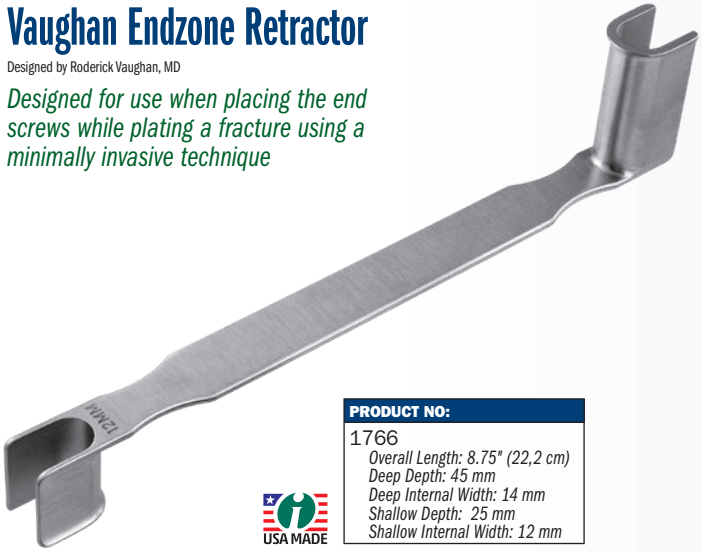
PRODUCT NO:
S0129 *Overall Length: 6.25" (15,9 cm)*

USA MADE

Vaughan Endzone Retractor

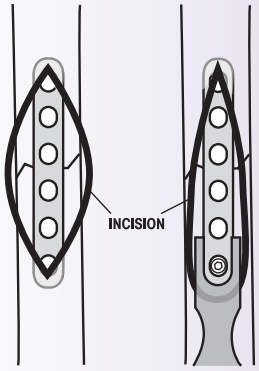
Designed by Roderick Vaughan, MD

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



USA MADE

PRODUCT NO:
1766 *Overall Length: 8.75" (22,2 cm)* *Deep Depth: 45 mm* *Deep Internal Width: 14 mm* *Shallow Depth: 25 mm* *Shallow Internal Width: 12 mm*



Before *After*

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.

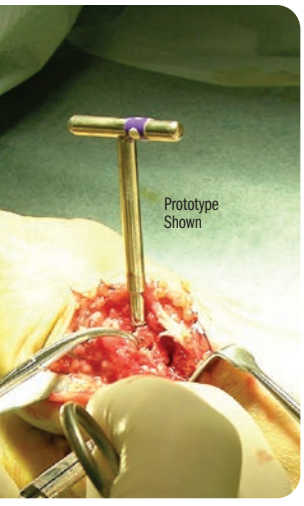
Tibial Impactor

Design modified by Atul F. Kamath, MD

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

USA MADE

PRODUCT NO'S:
1129 *Dimensions: 7" x 4" (17,8 cm x 10,2 cm)* *Delrin Impactor Pad: 1" x .625" (2,5 cm x 1,6 cm)*
Replacement Part:
1129-02 [Replacement Pad Only]

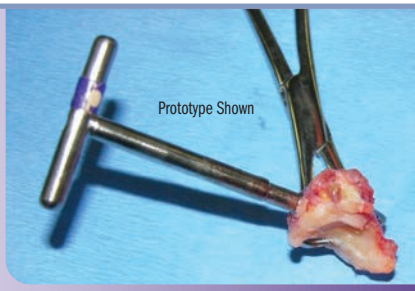


Lubahn Corkscrew

Designed by John D. Lubahn, MD

Standard

Extended



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 additionaly be used to remove the pisiform in cases of arthritis of the piso-triquetral joint

USA MADE

PRODUCT NO'S:
1191 [Standard] *Overall Length: 2.25" (5,7 cm)*
1191-01 [Extended] *Overall Length: 6.5" (16,5 cm)*

Mazzara Rongeur with Small Pistol Grip Handle

Designed by James T. Mazzara, MD

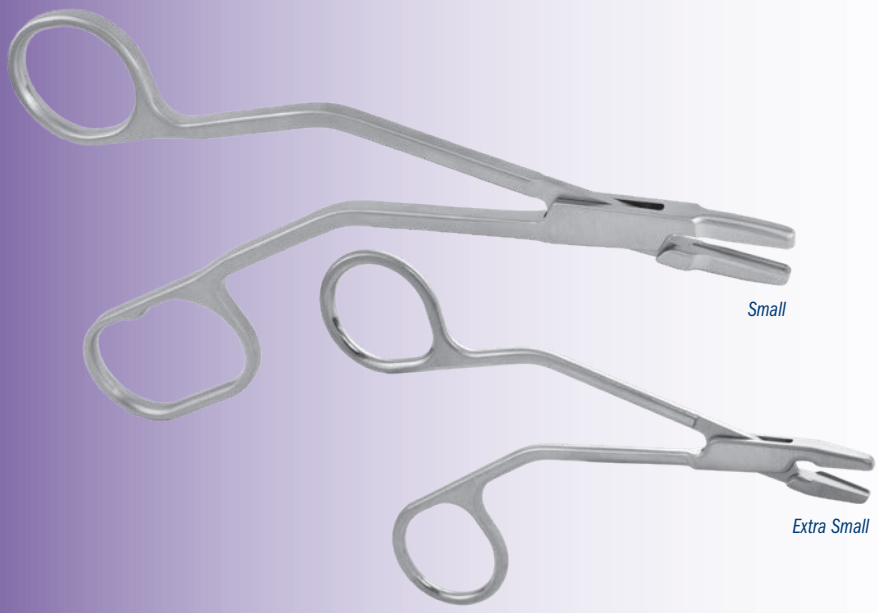
Small pistol grip handle lessens hand fatigue and slippage, and allows for better visualization

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)*

USA MADE

New!

Two Jaw Sizes Available



Yezerski Small Bone Rongeurs

Designed by John Yezerski, MD

Designed for small bone applications in the hand and foot

PRODUCT NO'S:
1789 [Small] *Overall Length: 7.125" (18,1 cm)* *Jaw Width: 4 mm* *Jaw Bite Width: 3 mm* *Jaw Bite Length: 20 mm*
1789-01 [Extra Small] *Overall Length: 4.5" (11,4 cm)* *Jaw Width: Tapers from 4,7 mm to 3 mm* *Jaw Bite Length: 15 mm*

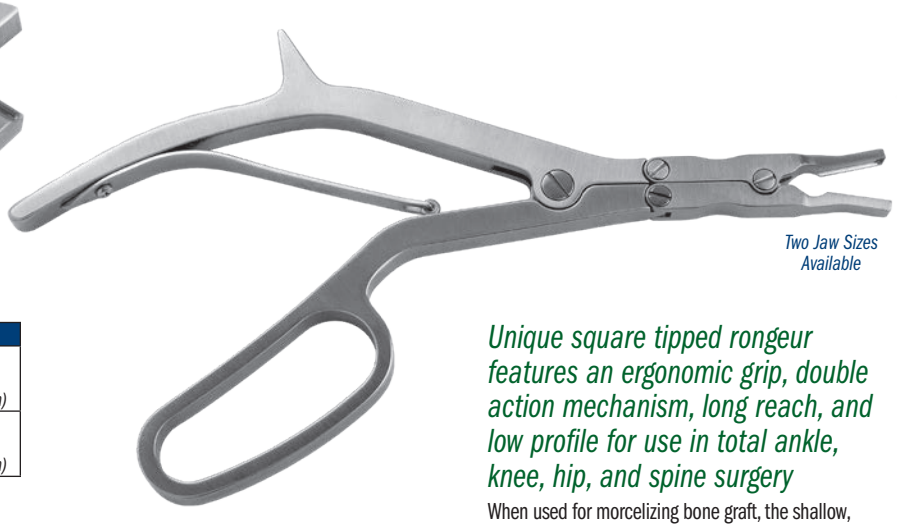
USA MADE

Macko Square Tipped Rongeur

Designed by Victor W. Macko, MD

PRODUCT NO'S:
1778-02 *Jaw Bite: 7 x 18 mm* *Overall Length: 10" (25,4 cm)*
1778-03 *Jaw Bite: 10 x 18 mm* *Overall Length: 10" (25,4 cm)*

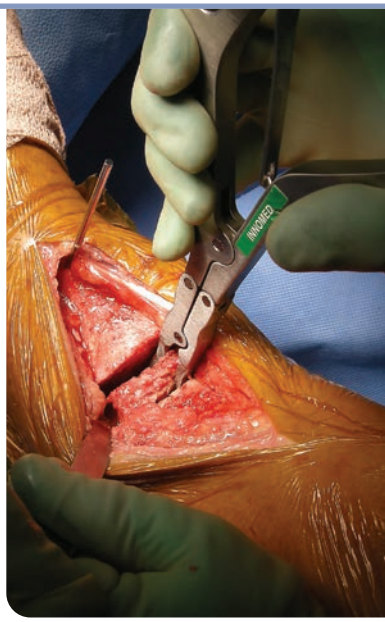
USA MADE



Two Jaw Sizes Available

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.

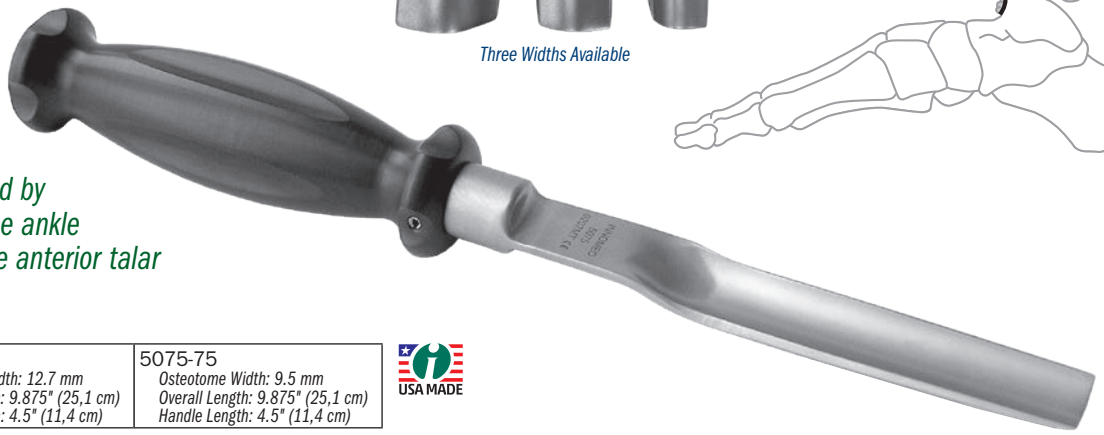


Anderson Talar Neck Osteotome

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

Three Widths Available



PRODUCT NO'S:		
5075 *Osteotome Width: 17 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: 4.5" (11,4 cm)*	5075-50 *Osteotome Width: 12.7 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: 4.5" (11,4 cm)*	5075-75 *Osteotome Width: 9.5 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: 4.5" (11,4 cm)*

USA MADE

New!

McGlamry Type Elevators

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

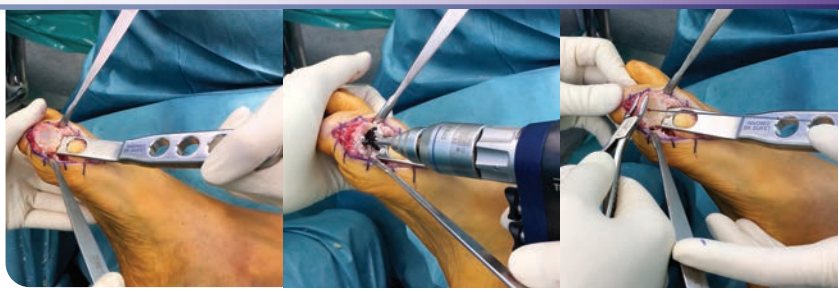
PRODUCT NO'S:
1643-11 [11 mm] *Overall Length: 6.5" (16,5 cm)*
1643-13 [13 mm] *Overall Length: 6.5" (16,5 cm)*
1643-15 [15 mm] *Overall Length: 6.5" (16,5 cm)*
1643-17 [17 mm] *Overall Length: 6.5" (16,5 cm)*

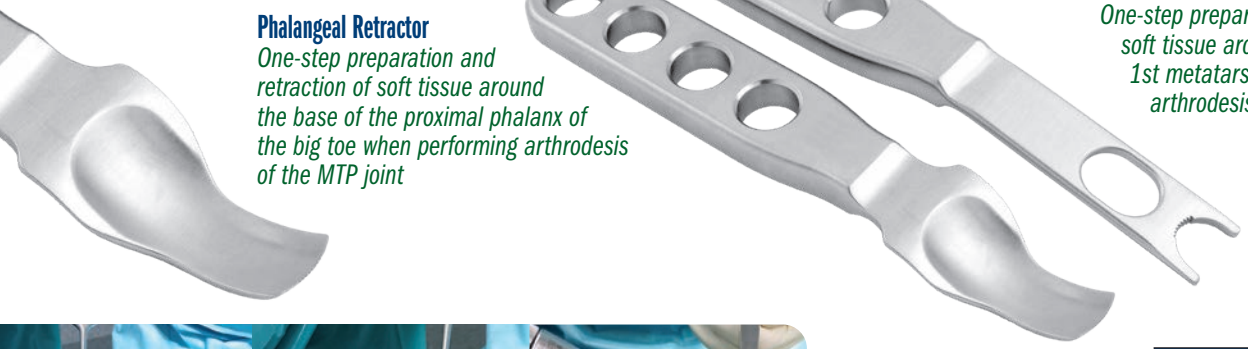
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Durst Arthrodesis Retractor Set

Designed by Heiko Durst, MD

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





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

PRODUCT NO'S:
1642-00 [Arthrodesis Retractor Set]
Also available individually:
1642-01 [Phalangeal Retractor] *Overall Length: 6.625" (16,8 cm)*
1642-02 [Metatarsal Retractor] *Overall Length: 7" (17,8 cm)*

USA MADE

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:
5241 [5 x 6 mm] *Overall Length: 8.25" (21 cm)* *Osteotome Width: 3.5 mm* *Osteotome Length: 3.5 mm from edge of cup*
5242 [8 x 10 mm] *Overall Length: 8.25" (21 cm)* *Osteotome Width: 6.5 mm* *Osteotome Length: 3 mm from edge of cup*

USA MADE

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 by Richard Wittock, DPM and Rob Baglio, DPM

Designed for small joint surgery

PRODUCT NO'S:
5345 *Overall Length: 5.75" (14,6 cm)* *Curette Diameter: 5 mm*
5349 *Overall Length: 5.75" (14,6 cm)* *Curette Diameter: 9 mm*

USA MADE

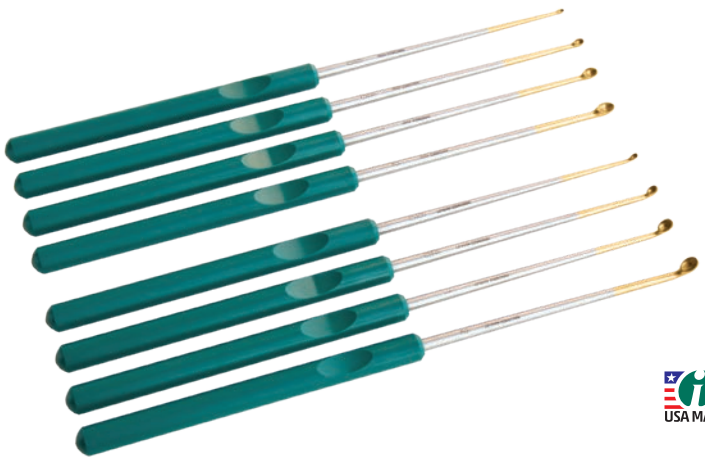
Ring Curettes

PRODUCT NO'S:		
Straight Shaft *Overall Length: 8.75" (22,2 cm)*	MADE FOR INNOMED IN GERMANY	
5150 [3 mm, Straight] *Ring Diameter: 3 mm*	5152 [6 mm, Straight] *Ring Diameter: 6 mm*	5154 [8 mm, Straight] *Ring Diameter: 8 mm*

PRODUCT NO'S:		
Bent Shaft *Overall Length: 8.625" (21,9 cm)*	MADE FOR INNOMED IN GERMANY	
5156 [3 mm, Bent] *Ring Diameter: 3 mm*	5157 [6 mm, Bent] *Ring Diameter: 6 mm*	5158 [8 mm, Bent] *Ring Diameter: 8 mm*

Micro Curettes

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



USA MADE

PRODUCT NO'S:
Straight Micro Curettes
Overall Length: 9.75" (24,8 cm) *Shaft Length: 4.5" (11,4 cm)*
4242 ***Cup Size 2***
4240 ***Cup Size 1***
4244 ***Cup Size 4/0***
4246 ***Cup Size 6/0***
Angled Micro Curettes
Overall Length: 9.75" (24,8 cm) *Shaft Length: 4.5" (11,4 cm)*
4242-01 ***Cup Size 2***
4240-01 ***Cup Size 1***
4244-01 ***Cup Size 4/0***
4246-01 ***Cup Size 6/0***

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:	
Individual Instruments Available Separately	
S1002	[Osteotome Blade] *3" (7,6 cm) x 8 mm*
S1003	[Osteotome Blade] *3" (7,6 cm) x 10 mm*
S1004	[Osteotome Blade] *3" (7,6 cm) x 12 mm*
S1005	[Osteotome Blade] *3" (7,6 cm) x 20 mm*
S1006	[Curved Osteotome Blade] *3" (7,6 cm) x 12 mm*
S1020 *or* S1021	[Handle with Quick-Coupling End] *6" (15,2 cm)* [Handle with Locking Nut] *6" (15,2 cm)*
S1020-SP	[Strike Plate for Handle] *Diameter 1.625" (4,1 cm)*
S1222	[Chisel Blade] *2.5" (6,4 cm) x 8 mm*
S1223	[Chisel Blade] *2.5" (6,4 cm) x 10 mm*
S1224	[Chisel Blade] *2.5" (6,4 cm) x 12 mm*
S1225	[Chisel Blade] *2.5" (6,4 cm) x 20 mm*
S1228	[Chisel Blade] *5" (12,7 cm) x 10 mm*
S1233-L	[Left Curved Chisel Blade] *1.5" (3,8 cm) x 8 mm*
S1233-R	[Right Curved Chisel Blade] *1.5" (3,8 cm) x 8 mm*
S2007	[Slap Hammer] *12" (30,5 cm)*

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

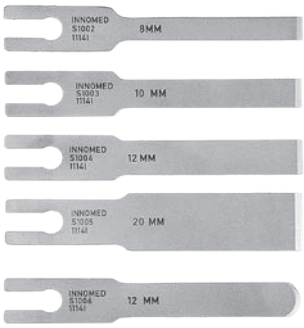
USA MADE

Handle with Quick-Coupling End

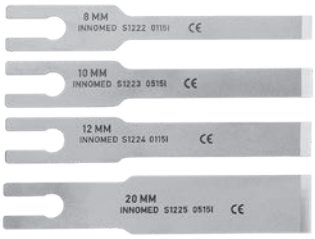
Choice of Handle Style

Handle with Locking Nut

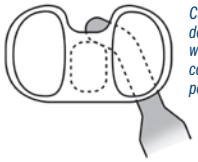
3" Osteotome Blades



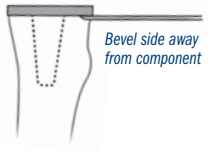
2.5" Chisel Blades



1.5" Curved Chisel Blades



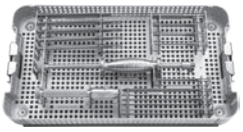
Curved chisel design allows working around component pegs, fins, etc.



Bevel side away from component

Slap Hammer

Strike Plate for Handle



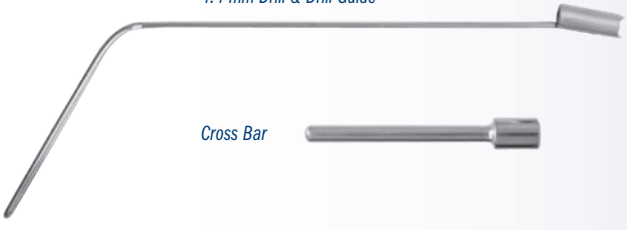
Complete Set with more options available online at www.innomed.net

Narrow Cement Removal Gouge, Short

Offset Chisel

Cement Removal Osteotome, Short

4.4 mm Drill & Drill Guide



Cross Bar

Mueller-Type Cement Removal Instruments

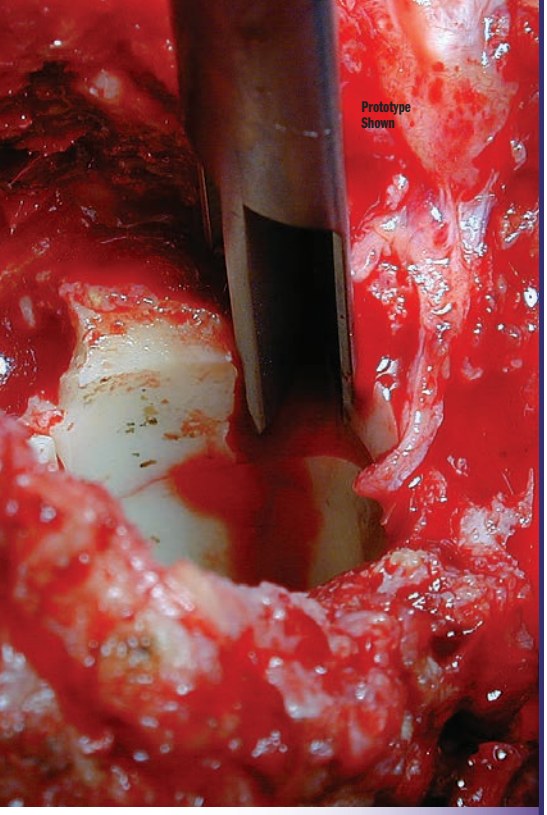
Useful for cement removal in the ankle

Also helpful in hip, knee, and shoulder surgery.

PRODUCT NO'S:	
Individual Instruments Available Separately	
S7505	[Narrow Cement Removal Gouge, Short] *Shaft Length: 10 cm Gouge: 9 mm, negative*
S7520	[Offset Chisel] *Shaft Length: 15 cm Chisel: 9 mm*
S7595	[Cement Removal Osteotome, Short] *Shaft Length: 15 cm Osteotome: 8 mm*
S7540	[4.4 mm Drill]
S7545	[4.4 mm Drill Guide]
S7570	[Cross Bar]

USA MADE

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

Extra Small Gouge

Small Gouge

Medium Gouge

Large Gouge

Small Gouge with Splitter

Medium Gouge with Splitter

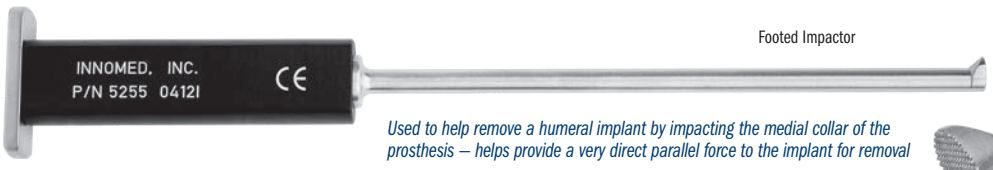
Large Gouge with Splitter

- 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:
Gouges Overall Length: 9" (22,9 cm) *Gouges Handle Length: 4" (10,2 cm)*
5251-00 [Complete Set w/Case
5251-05 [Extra Small] *Gouge Width: 5 mm*
5251-07 [Small] *Gouge Width: 7 mm*
5251-09 [Medium] *Gouge Width: 9 mm*
5251-11 [Large] *Gouge Width: 11 mm*
5252-07 [Small w/Splitter] *Gouge Width: 7 mm* *Splitter Height: 4 mm*
5252-09 [Medium w/Splitter] *Gouge Width: 9 mm* *Splitter Height: 5 mm*
5252-11 [Large w/Splitter] *Gouge Width: 11 mm* *Splitter Height: 6 mm*
5254 [Backhook] *Overall Length: 12.5" (31,8 cm)* *Handle Length: 4.5" (11,4 cm)* *Shaft Diameter: 4 mm*
5255 [Footed Impactor] *Foot Pad Size: 8.5 mm x 11.5 mm* *Shaft Diameter: 8.5 mm (21,6 cm)* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.5" (11,4 cm)*
5253 [Case for Set]

USA MADE

Backhook



Footed Impactor

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 by E. J. Whelan, III, MD

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

PRODUCT NO'S:
5301-00 [Complete Set]
Included In Set / Replacement Parts:
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]

USA MADE

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

Complete Set

Two blades included in Set

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.

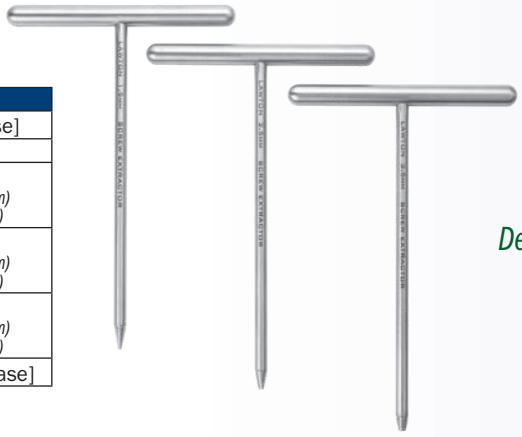
Small, thin osteotomes helpful in osteophyte and cement removal in total joint surgery. Larger handle helps with better control.

MADE FOR INNOMED IN GERMANY

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)*	5270-03 *Blade Width: 10 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)*	5270-04 *Blade Width: 12 mm* *Overall Length: 7.25" (18,4 cm)* *Handle Length: 4" (10,2 cm)*



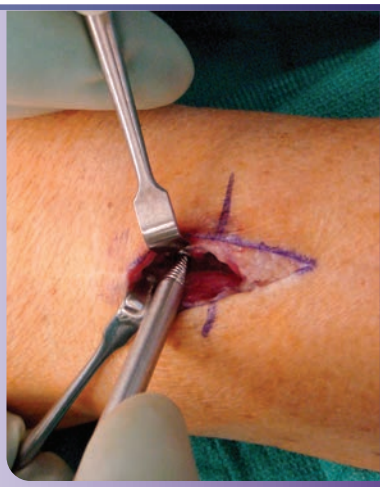
PRODUCT NO'S:
7653-00 [Set w/Case]
Individual Parts:
7653-01 [1.5 mm] *Overall Length: 6" (15,2 cm)* *Handle Width: 4" (10,2 cm)*
7653-02 [2.5 mm] *Overall Length: 6" (15,2 cm)* *Handle Width: 4" (10,2 cm)*
7653-03 [3.5 mm] *Overall Length: 6" (15,2 cm)* *Handle Width: 4" (10,2 cm)*
1025 [Sterilization Case]

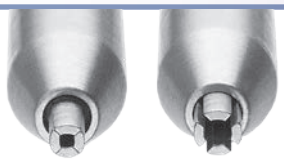
Lawton Screw Extractors

Designed by Jeffrey Lawton, MD

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

USA MADE





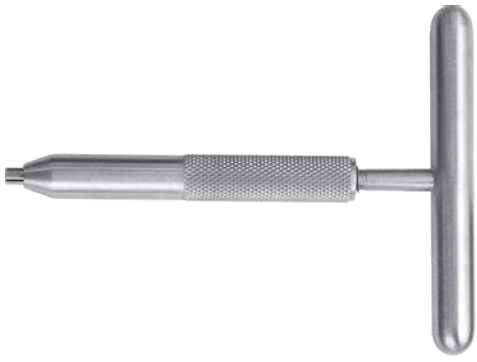
Lawton Broken Screw Extractor

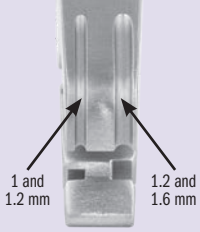
Designed by Jeffrey Lawton, MD

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)*

USA MADE



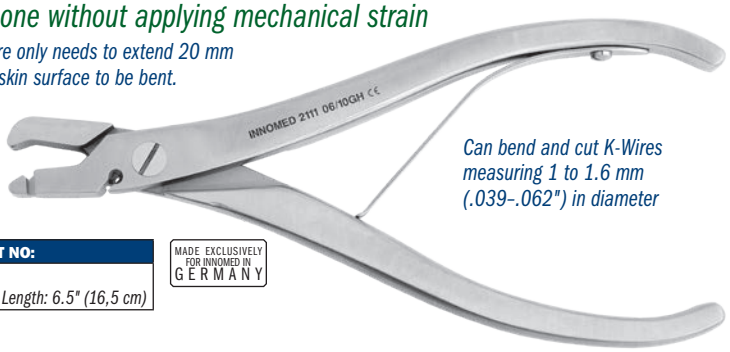


The right slot of the instrument's lower jaw can hold K-Wires with a diameter of 1.2 mm or 1.6 mm. The smaller left slot can hold K-Wires measuring 1 mm or 1.2 mm in diameter.

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.



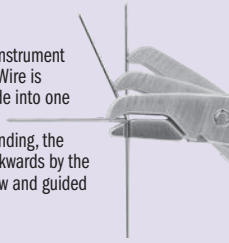
Can bend and cut K-Wires measuring 1 to 1.6 mm (.039-.062") in diameter

PRODUCT NO:
2111 *Overall Length: 6.5" (16,5 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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

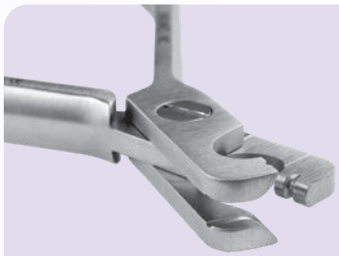
The K-Wire is inserted into the cutting groove and the bender/cutter cuts by shearing (like a cigar cutter), not crushing. The result is a clean and burr-free cut surface.

Wire Bender

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

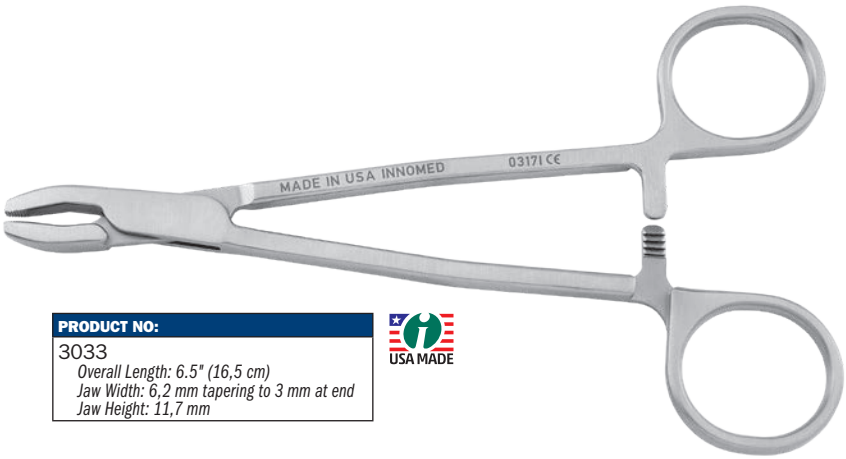
PRODUCT NO:
2024 *Overall Length: 5.5" (14 cm)*

USA MADE



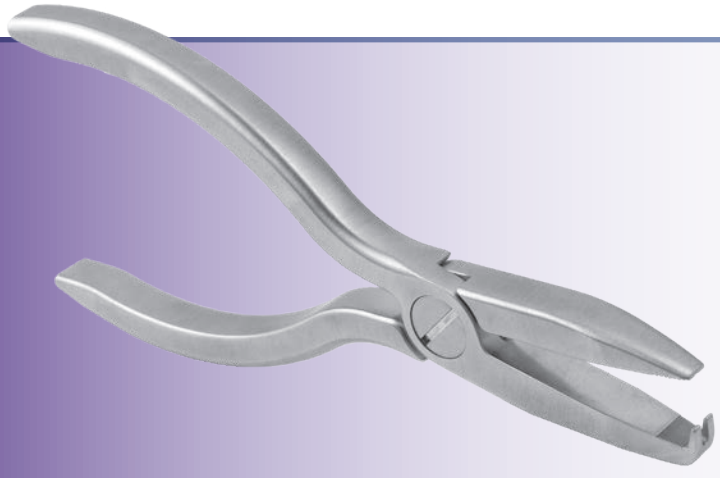
Pin Puller - Small

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*

USA MADE



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*

USA MADE

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

New!

PRODUCT NO:
8092 *Overall Length: 4.5" (11,4 cm)* *Handle Length: 3" (7,6 cm)* *Ball Diameter: .275" (7 mm)*

USA MADE

Sanders Pin Inserter

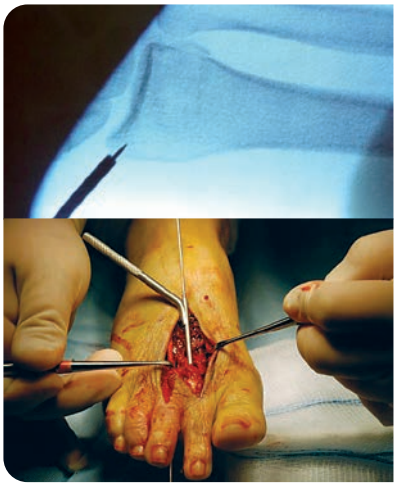
Designed by Richard Sanders, MD

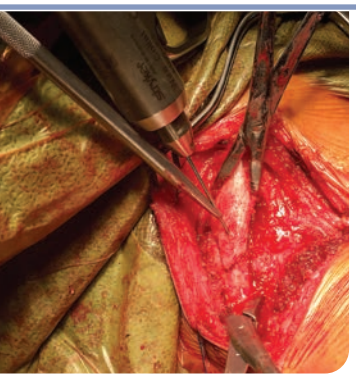
Designed to aim and control the placement of flexible k-wires when they contact hard cortical bone, while helping to protect neurovascular structures from the spinning wire

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.

USA MADE

PRODUCT NO'S:	
3015-081 *Accepts k-wires up to: .081" (2 mm)* *Tube Length: 1.875" (4,8 cm)* *Overall Length: 4.25" (10,8 cm)* *Handle Length: 3.15" (8 cm)*	3015-054 *Accepts k-wires up to: .054" (1,4 mm)* *Tube Length: 1.875" (4,8 cm)* *Overall Length: 4.25" (10,8 cm)* *Handle Length: 3.15" (8 cm)*



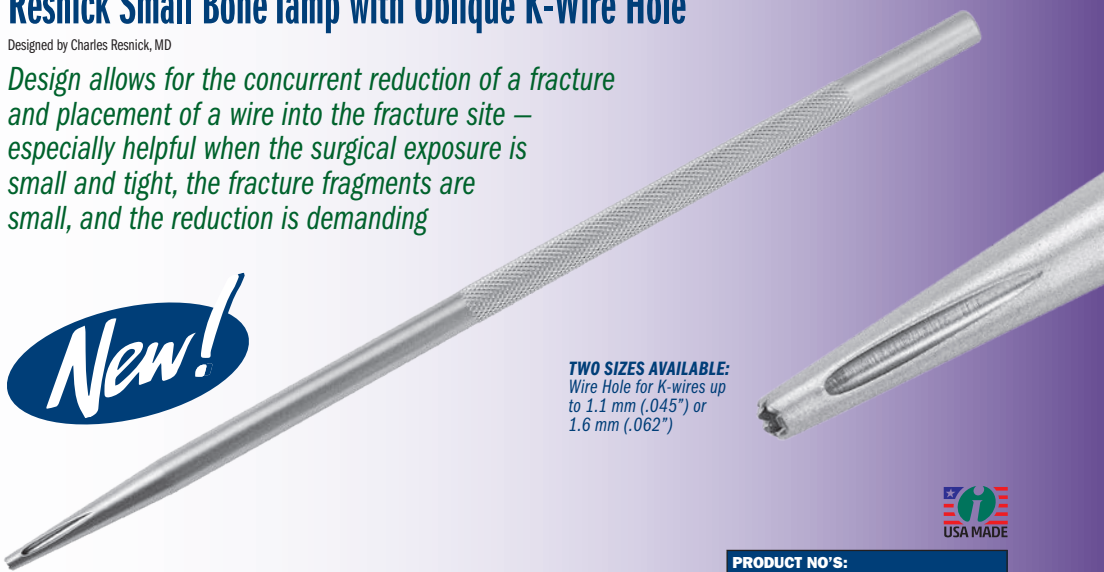


Resnick Small Bone Tamp with Oblique K-Wire Hole

Designed by Charles Resnick, MD

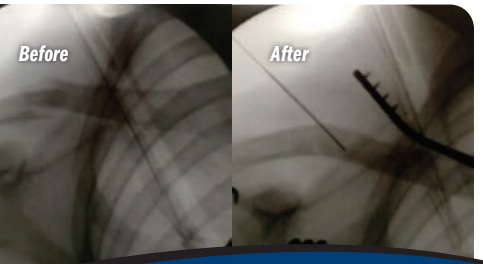
Design allows for the concurrent reduction of a fracture and placement of a wire into the fracture site – especially helpful when the surgical exposure is small and tight, the fracture fragments are small, and the reduction is demanding

New!



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

USA MADE



- 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 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'S:
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*

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:	
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)*

USA MADE

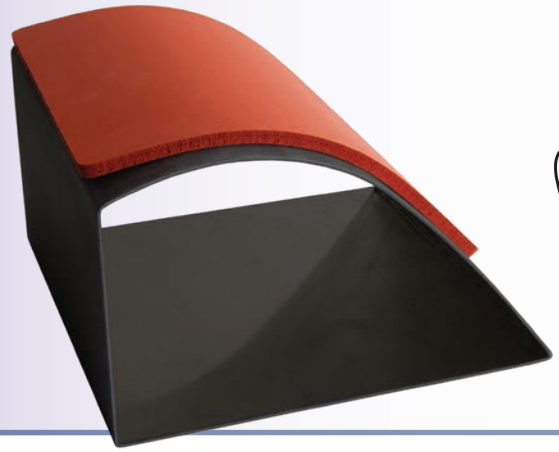
Lower Extremity Leg Positioner

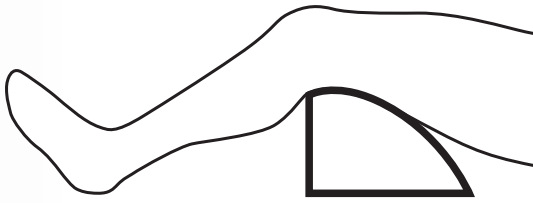
Designed by Ronald Romanelli, MD

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

USA MADE

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]





Designed to lift the knee for lower extremity casting applications

Fromm Femur & Tibia Triangles

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

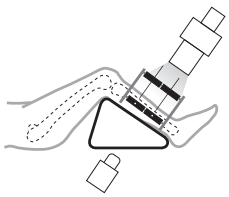
Used for femur and tibia positioning during nailing, repairs and fractures

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:	
2760-00 [Set of 3]	*Angles: Top 30°, Two Bottom 75°*
2760-01 [11"]	*Base: 6" (15,2 cm), Height: 11" (27,9 cm)*
2760-02 [14"]	*Base: 7" (17,8 cm), Height: 14" (35,6 cm)*
2760-03 [16"]	*Base: 9" (22,9 cm), Height: 16" (40,7 cm)*
Sold Separately – Not In Set:	
2760-XS [8.5"]	*Base 5" (12,7 cm), Height: 8.5" (21,6 cm)*
Replacement Parts:	
2760-P [Silicone Pad]	
2760-S [Straps]	*Package of 18*
8120-SP [Straps for XS]	*Package of 10*

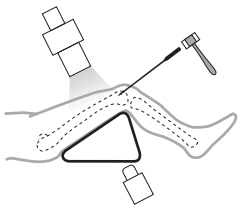
*Velcro® is a registered trademark of the Velcro Companies.

USA MADE



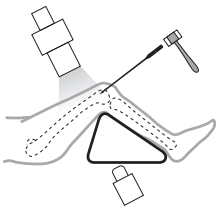
Tibia Reduced For:

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

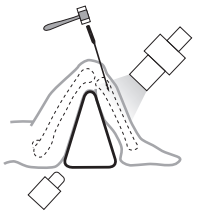


Retrograde Femoral Nailing

Triangle holds femur reduced (prevents sagging)



Retrograde Femoral Nailing

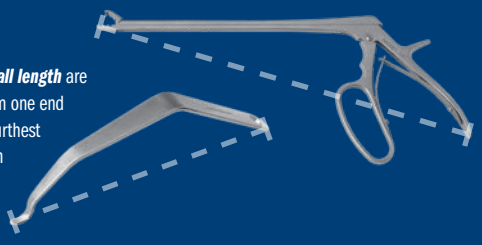


Tibial Nailing

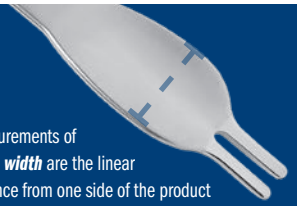
Measurements in this Catalog

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:



INNOMED
103 Estus Drive
Savannah, GA 31404

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:
5304-00 [Set with Case]
Set Includes / Available Individually:
5304-01 [Chisel – .170"] *Overall Length: 8" (20,3 cm)* *Handle Length: 4.25" (10,8 cm)* *Blade Width: .170" (4,3 mm)*
5304-02 [Chisel – .250"] *Overall Length: 8" (20,3 cm)* *Handle Length: 4.25" (10,8 cm)* *Blade Width: .250" (6,35 mm)*
5304-03 [Chisel – .335"] *Overall Length: 8" (20,3 cm)* *Handle Length: 4.25" (10,8 cm)* *Blade Width: .335" (8,5 mm)*
5304-04 [Chisel – .500"] *Overall Length: 8" (20,3 cm)* *Handle Length: 4.25" (10,8 cm)* *Blade Width: .500" (12,7 mm)*
5304-05 [Chisel – .750"] *Overall Length: 8" (20,3 cm)* *Handle Length: 4.25" (10,8 cm)* *Blade Width: .750" (19 mm)*
1025 [Sterilizable Case]

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