INNOMED

ORTHOPEDIC INSTRUMENTS

April
2025

Featuring many **New!** instruments throughout

Wixted Fracture Distractor
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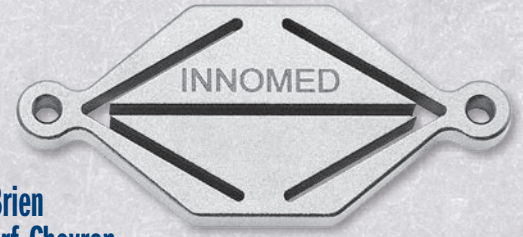
Swanson Elevator
Page 13



O'Brien Scarf-Chevron Osteotomy Guide
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Faillace Ambidextrous Self-Retaining Retractor
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Page 18

Foot & Ankle Instruments

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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

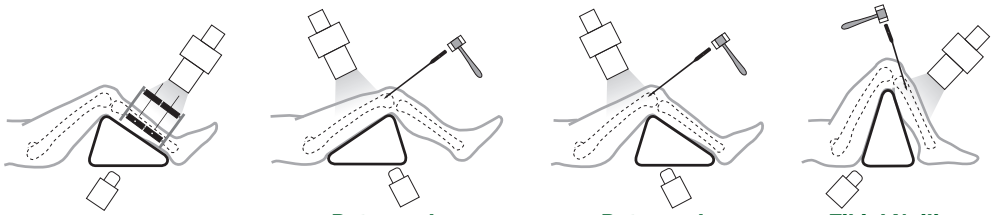
Designed to position and hold the femur and tibia during intramedullary nailing of the tibia, ligament repairs and extremity fractures. Allows knee to be flexed greater than 90° to allow reaming and nail insertion without displacing fracture. The triangles are available in four heights: 8.5", 11", 14", 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.

16" #2760-03 | 14" #2760-02 | 11" #2760-01 | 8.5" #2760-XS Sold Separately – Not In Set

PRODUCT NO'S:
2760-00 [Set of 3] *Angles: Top 30°, Two Bottom 75°*
Set Includes / Available Individually:
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*

USA MADE

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



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

Retrograde Femoral Nailing
Triangle holds femur reduced (prevents sagging)

Retrograde Femoral Nailing

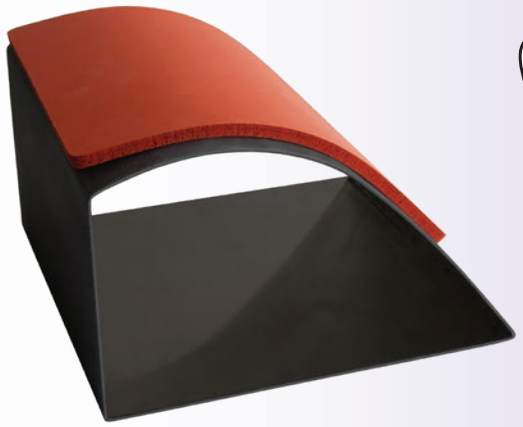
Tibial Nailing

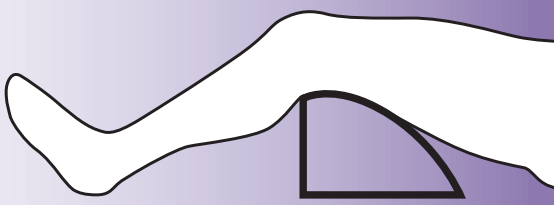
Lower Extremity Leg Positioner

Designed by Ronald Romanelli, MD

Used to support knee and leg during surgery, and can be used for casting

- Utilized for rodding of femurs or tibias
- Also useful for knee surgery and closures
- Very supportive, distributes stresses on leg, used instead of bolsters
- Supplied with one autoclavable silicone pad
- Aluminum positioner is radiolucent and gas or steam sterilizable





PRODUCT NO'S:
2745 *Dimensions: 5.5" H x 9.5" L x 9.25" W (12,7 cm x 24,1 cm x 23,5 cm)*
Replacement Parts:
2760-P [Silicone Pad]

USA MADE

Small 4" #2740-01 | Large 6" #2740-02

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)*

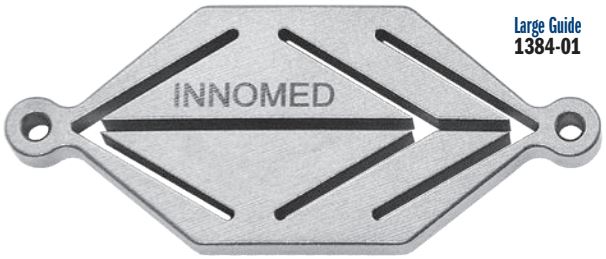
USA MADE



O'Brien Scarf-Chevron Osteotomy Guides and Olive Wire Set

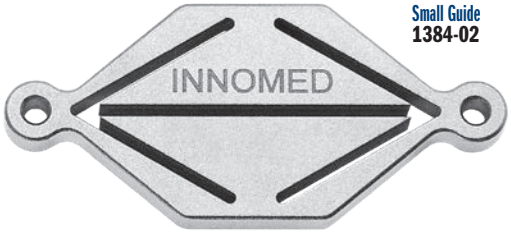
Designed by Todd O'Brien, DPM

Osteotomy guide for Chevron and Scarf osteotomies of the first metatarsal and left and right bunionectomies, using olive wires for fixation



Large Guide
1384-01

New!



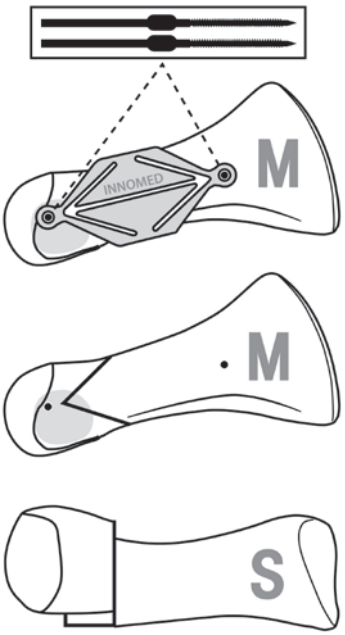
Small Guide
1384-02

Olive Wire
1384-W *[Package of 3]*

USA MADE

PRODUCT NO'S:
1384-00 [Set of Two Guide Sizes and Three Olive Wires]
Individual Instruments:
1384-01 [Large Guide] *Dimensions: 44 x 20 x 4 mm*
1384-02 [Small Guide] *Dimensions: 40 x 18 x 4 mm*
1384-W [Olive Wire] *Package of 3* *Overall Length: 2.165" (55 mm)* *Threaded Section Length: 25 mm*

Set includes one of each size Osteotomy Guide and three Olive Wires.



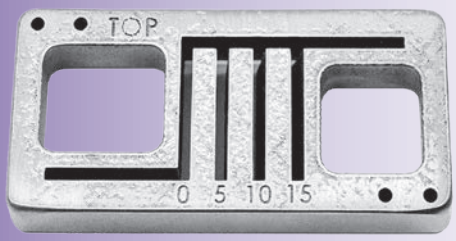
DeOrio Calcaneal Z-Osteotomy Guide

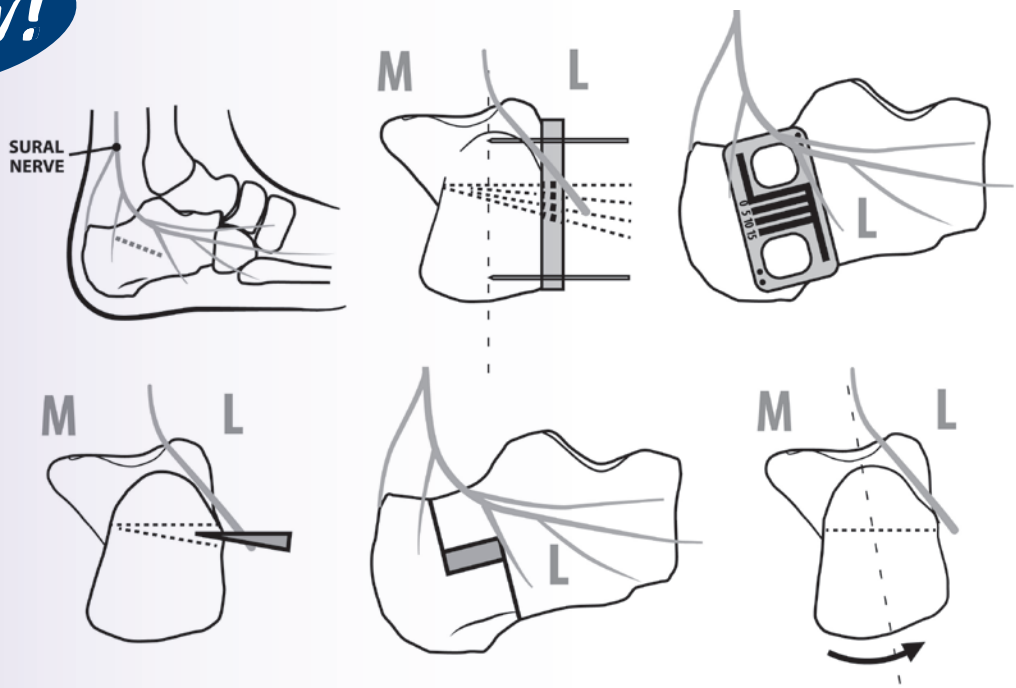
New!

Designed by James K. DeOrio, MD

Designed to help guide a z-osteotomy of the calcaneus

The guide frame can be attached to the calcaneus with 2.4 mm pins, and one horizontal cut made at 0° and second cut at either 5°,10° or 15°–using the cutting block guide – to meet 3 cm horizontally from the horizontal cut to create an osteotomy wedge for removal.





PRODUCT NO:
1377 *Dimensions: 2" x 1" x .313" (5,1 x 2,5 x 0.8 cm)*

USA MADE

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

7 Teeth
#1580

4 Teeth
#1579

4x3 Teeth
#1579-01

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.

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.
Set Includes / Available Individually:	
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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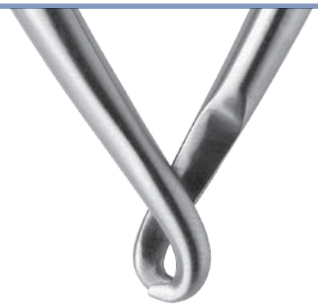
*MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

US Patent No. 9,161,745 B2

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

Optional radiolucent carbon fiber PEEK composite blade

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



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:
1680-01 [Small] *Overall Length: 4.25" (10,8 cm)*
1680-02 [Large] *Overall Length: 5.5" (14 cm)*

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Large
#1680-02

Small
#1680-01

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*
Set Includes / 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

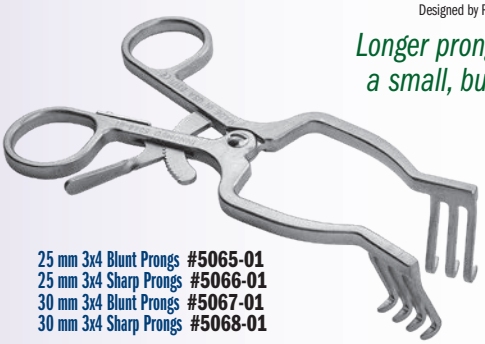
25 mm

30 mm

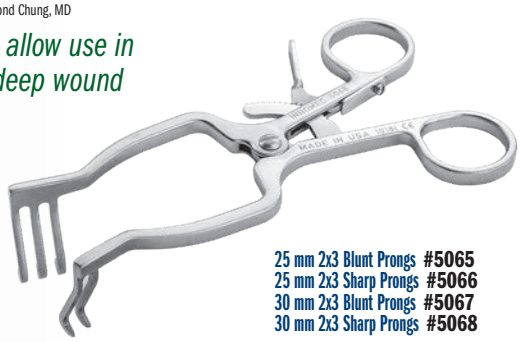
Chung Weitlaner Retractors

Designed by Raymond Chung, MD

Longer prongs allow use in a small, but deep wound



25 mm 3x4 Blunt Prongs **#5065-01**
25 mm 3x4 Sharp Prongs **#5066-01**
30 mm 3x4 Blunt Prongs **#5067-01**
30 mm 3x4 Sharp Prongs **#5068-01**



25 mm 2x3 Blunt Prongs **#5065**
25 mm 2x3 Sharp Prongs **#5066**
30 mm 2x3 Blunt Prongs **#5067**
30 mm 2x3 Sharp Prongs **#5068**

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)*

Monaco Small Space Retractor

Designed modified by Spencer Monaco, DPM, FACFAS

Designed to retract adipose tissue and surrounding soft tissue structures through a small incision for open plantar fasciotomies, neuroma excisions and the lateral release during bunion surgery

Also useful for various hand surgeries such as open carpal tunnel surgery.

PRODUCT NO:
1887-01 *Overall Length: 4.25" (10,8 cm)* *Blade Depth: 18 mm* *Blade Width: 12 mm* *Blade Lip: 3.5 mm*

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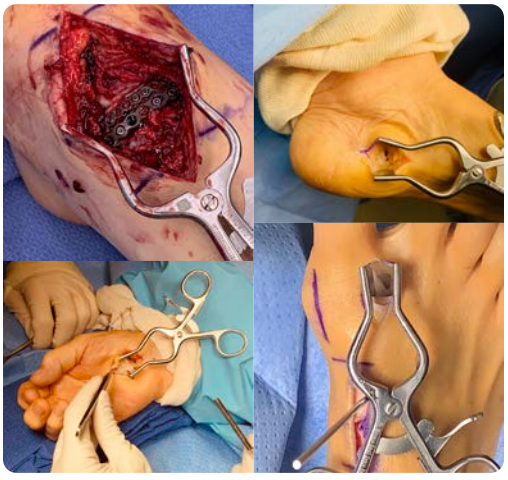


Ortho Self-Retaining Retractor with Pin Guides

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

Calibrated Ortho Spreader with Slotted Tips

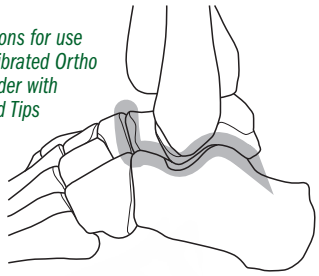
Designed by Jason Bariteau, MD

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

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

USA MADE

Locations for use of Calibrated Ortho Spreader with Slotted Tips



Calibrations on Handle

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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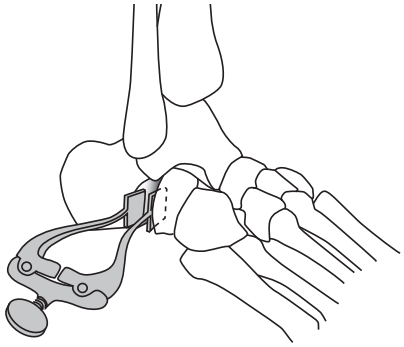
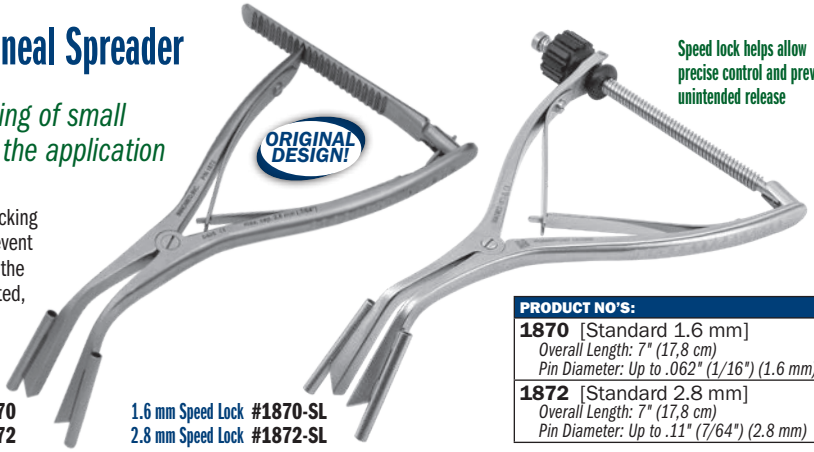


Weinraub Joint and Calcaneal Spreader

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 intraarticular 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.



Speed lock helps allow precise control and prevent unintended release

1.6 mm Standard **#1870**
2.8 mm Standard **#1872**

1.6 mm Speed Lock **#1870-SL**
2.8 mm Speed Lock **#1872-SL**

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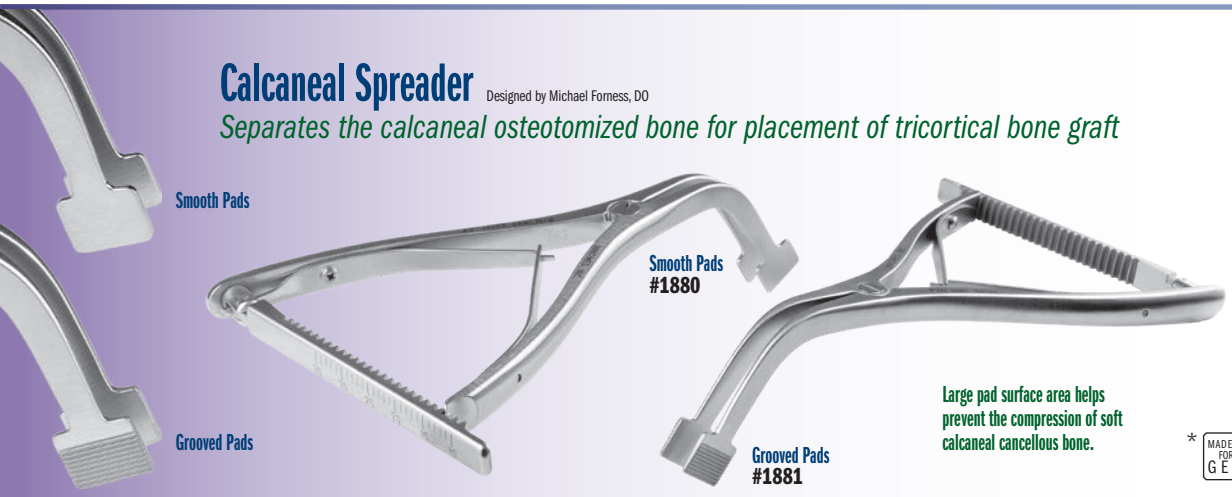
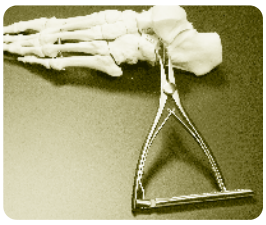
PRODUCT NO'S:	
1870 [Standard 1.6 mm] *Overall Length: 7" (17,8 cm)* *Pin Diameter: Up to .062" (1/16") (1.6 mm)*	**1870-SL** [Speed Lock 1.6 mm] *Overall Length: 7" (17,8 cm)* *Pin Diameter: Up to .062" (1/16") (1.6 mm)*
1872 [Standard 2.8 mm] *Overall Length: 7" (17,8 cm)* *Pin Diameter: Up to .11" (7/64") (2.8 mm)*	**1872-SL** [Speed Lock 2.8 mm] *Overall Length: 7" (17,8 cm)* *Pin Diameter: Up to .11" (7/64") (2.8 mm)*

Calcaneal Spreader

Designed by Michael Forness, DO

Separates the calcaneal osteotomized bone for placement of tricortical bone graft





Large pad surface area helps prevent the compression of soft calcaneal cancellous bone.

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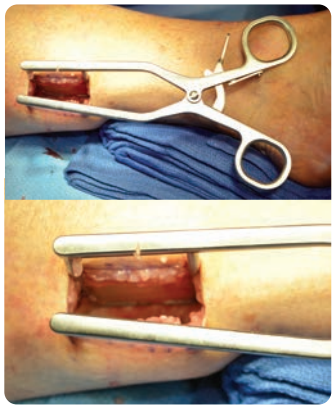
PRODUCT NO'S:
1880* [Smooth Pads] *Overall Length: 7" (17,8 cm)* *Pad Dimensions: 15 mm x 12 mm*
1881 [Grooved Pads] *Overall Length: 7" (17,8 cm)* *Pad Dimensions: 15 mm x 12 mm*

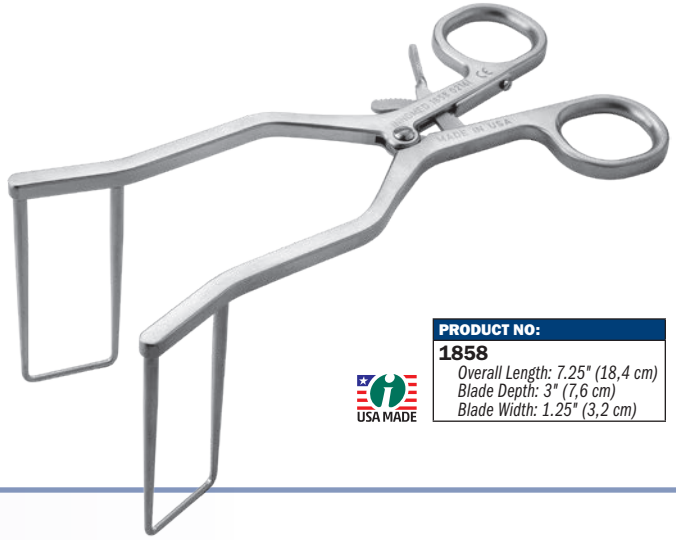


Desai Clearview Open Blade Self-Retaining Retractor

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)*

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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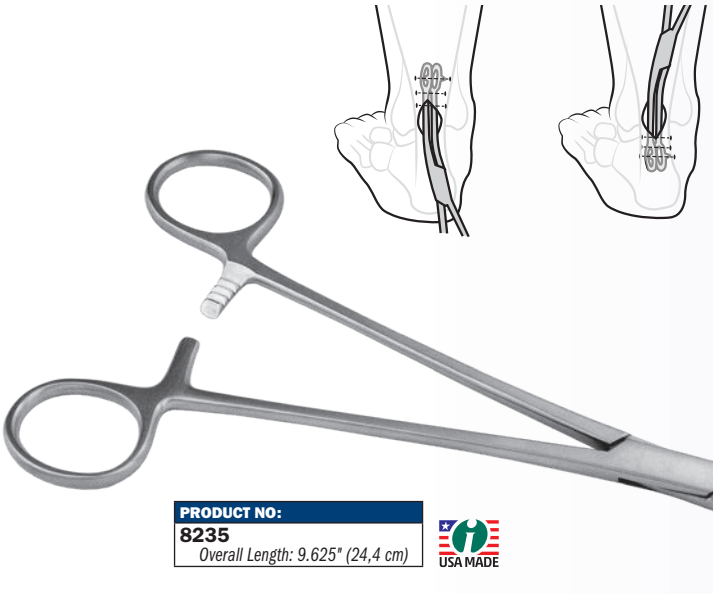


Percutaneous Achilles Repair Forceps

FOR LIMITED OPEN ACHILLES TENDON REPAIR

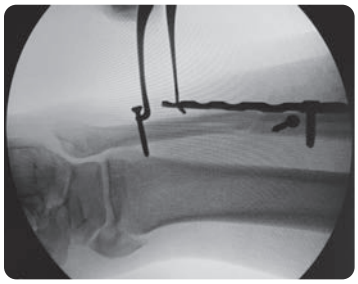
Designed by James A. Amis, MD

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

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.

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

USA MADE



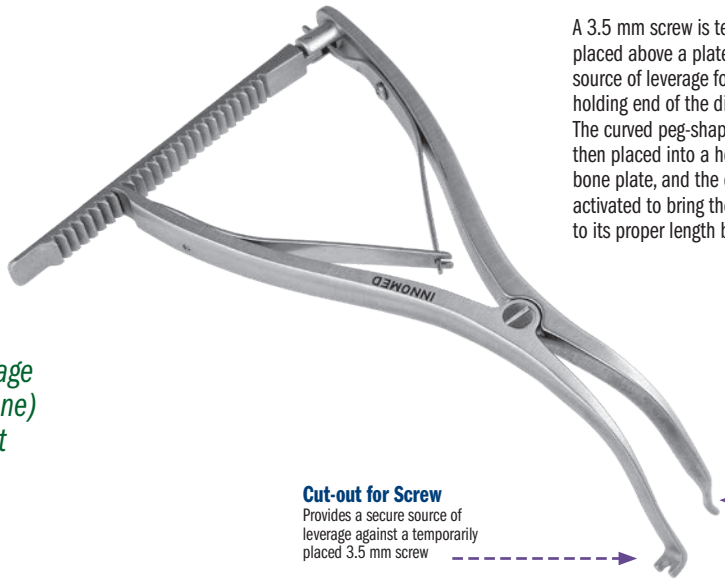
Wixted Fracture Distractor

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)*

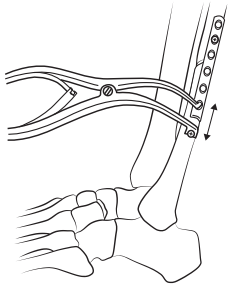
USA MADE



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

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.



Gurbani Joint Distractor/Compressor

Designed by Naren G. Gurbani, MD

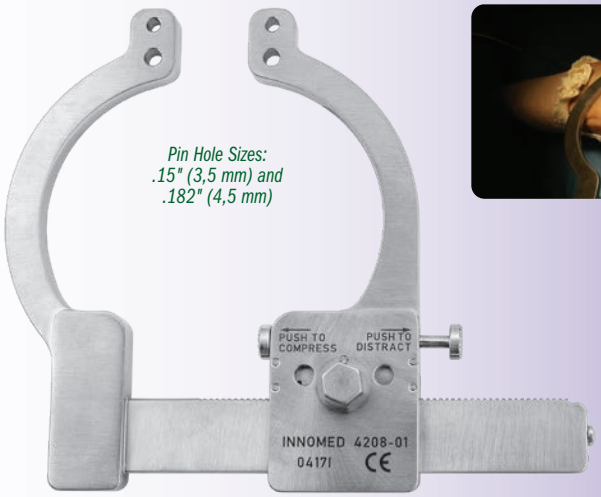
Versatile joint distractor/compressor for arthroscopic or open procedures of foot, ankle, hand, and wrist joints

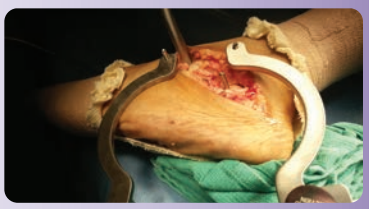
The surgeon puts the pins in the bone, then slides the holes of the device over the pins and distracts or compresses–the device can be locked in either direction. Especially useful for arthroscopy of subtalar, talo-navicular, calcaneo-cuboid, and wrist joints. The T-wrench helps provide precise, controlled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

PRODUCT NO'S:
4208-00 [Set] *Includes: Distractor/Compressor, T-Wrench, and Case*
Set Includes / 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

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





New!

Mantis Screwdriver Distractor

Designed by J. Albert Diaz, MD

*Designed to help provide stable distraction across difficult-to-reduce fractures using two seated screwdrivers**

*Screwdrivers not included.

PRODUCT NO:
3654 *Overall Length: 7.5" (19,1 cm)* *Pin Hole Diameters: 4.5, 5.5, & 8.5 mm* *Leg & Pin Hole Depth: .7" (17,5 mm)*

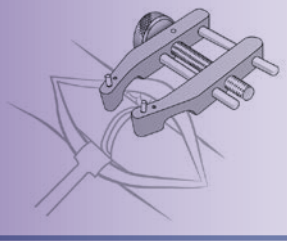
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

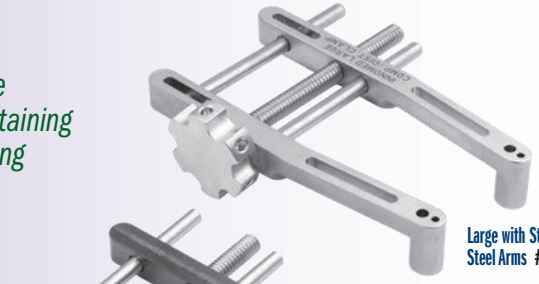
- Accommodates screwdrivers of varying size for use with both small and large fragment systems
- Allows for distraction of difficult-to-reduce fractures without the need to drill additional holes outside of the plate
- The plate can be locked with a screw once length has been restored

HFD Compressor/Distractor

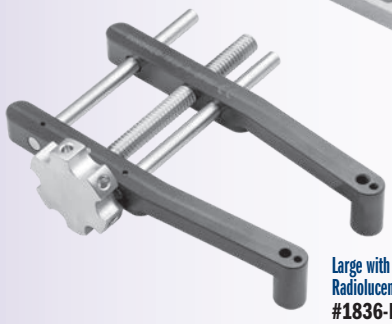
Dial mechanism helps allow precise control of inserted wires– for maintaining a position, compressing or distracting

- 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





Large with Stainless Steel Arms **#1836**



Large with Radiolucent Arms **#1836-R**

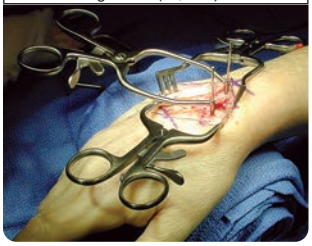
Small with Radiolucent Arms **#1834-R**

Small with Stainless Steel Arms **#1834**

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

USA MADE

PRODUCT NO'S:
1752* [Double Pin Holes] *Small Hole: For Pins up to .045" (1,1 mm)* *Large Hole: For Pins up to .062" (1,6 mm)* *Distracts to: 46 mm* *Overall Length: 4.625" (11,7 cm)*
1754 [Single Pin Hole] *For Pins up to .045" (1.1 mm)* *Distracts to: 46 mm* *Overall Length: 4.5" (11,4 cm)*



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

Wurapa Small Joint Distractor

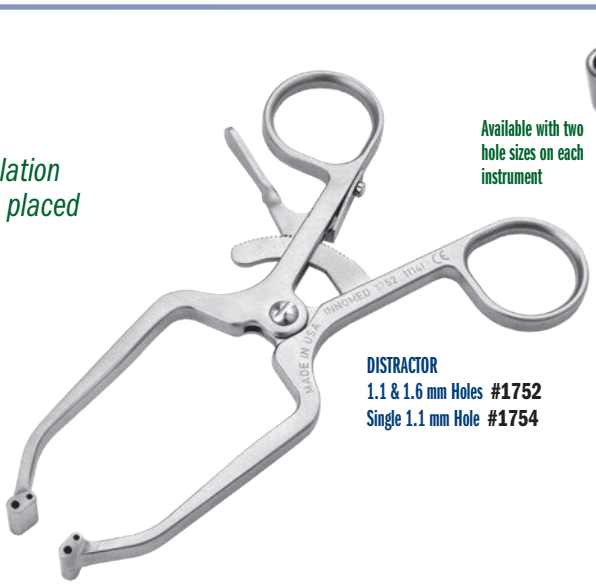
Designed by Raymond K. Wurapa, MD

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)

MADE EXCLUSIVELY FOR INNOMED IN GERMANY * USA MADE



Available with two hole sizes on each instrument

DISTRACTOR
1.1 & 1.6 mm Holes **#1752**
Single 1.1 mm Hole **#1754**

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 Arms
#4210-LB

Large Closed Arms
#4210-LS

Small Outspread Arms
#4210-SB

Small Closed Arms
#4210-SS

Two hole sizes allow for pin size selection:
.062" & .094" / 1,6 mm & 2,4 mm

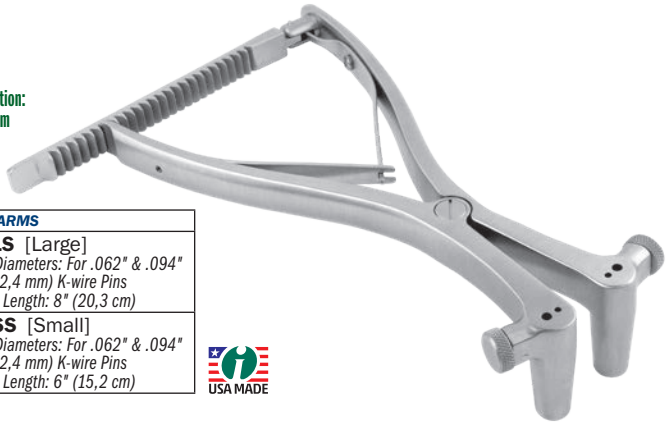
Extra Small
#4210-XSD

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

Two hole sizes allow for pin size selection:
.062" & .094" / 1,6 mm & 2,4 mm



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)*

USA MADE

Large Outspread Arms with Thumbscrews **#4215-LB**
Small Outspread Arms with Thumbscrews **#4215-SB**
Large Closed Arms with Thumbscrews **#4215-LS**
Small Closed Arms with Thumbscrews *(Shown)* **#4215-SS**

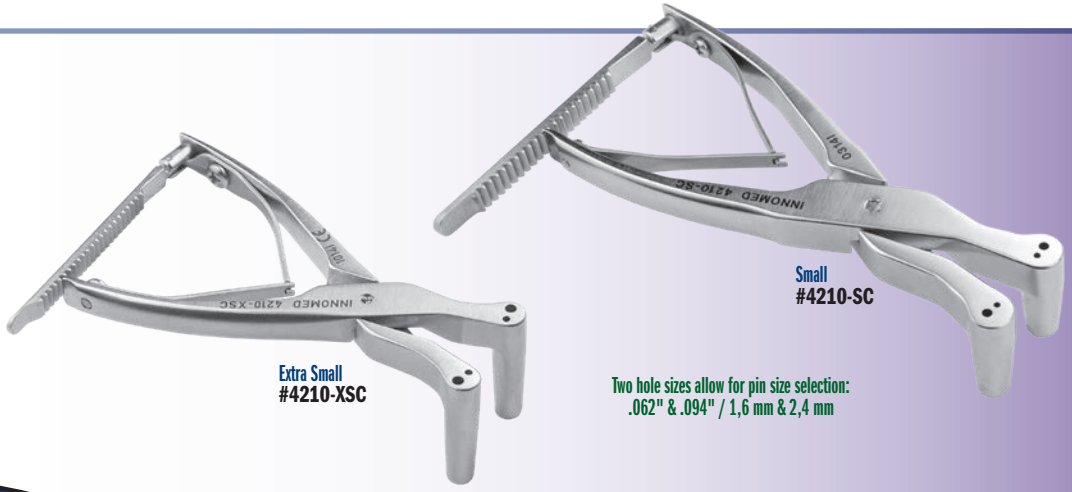
Joint, Calcaneal, and Small Bone Compressor

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



Small
#4210-SC

Extra Small
#4210-XSC

Two hole sizes allow for pin size selection:
.062" & .094" / 1,6 mm & 2,4 mm

Joint, Calcaneal, and Small Bone Compressor/Distractors with Speed Lock

Speed lock helps allow precise control and prevents unintended release

Large Closed Arms with Speed Lock
#4216-LS

Small Closed Arms with Speed Lock
#4216-SS

Extra Small Closed Arms with Speed Lock
#4216-XS

Large Outspread Arms with Speed Lock & Thumbscrews
#4217-LB

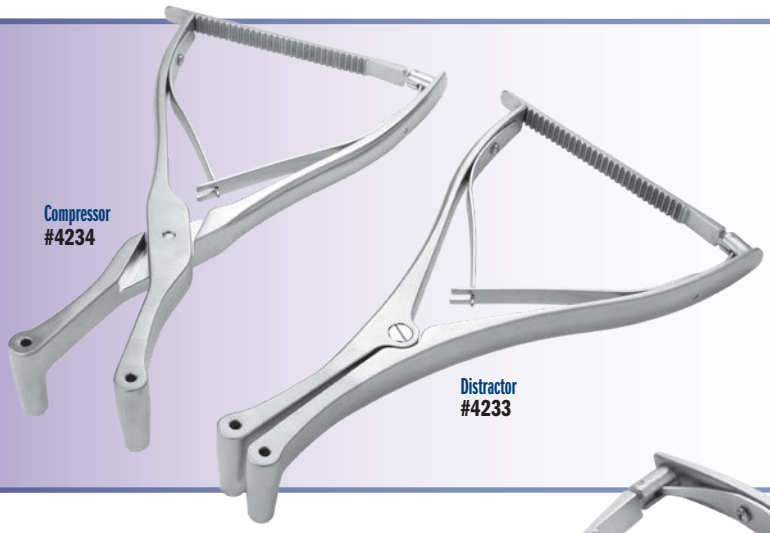
Thumbscrew version locks the unit on the pins to help prevent up or down sliding

Small Closed Arms with Speed Lock & Thumbscrews
#4217-SS

USA MADE

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

Two hole sizes allow for pin size selection:
.062" & .094" / 1,6 mm & 2,4 mm



Compressor
#4234

Distractor
#4233

Large Pin Distractor and Compressor

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

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)*

USA MADE

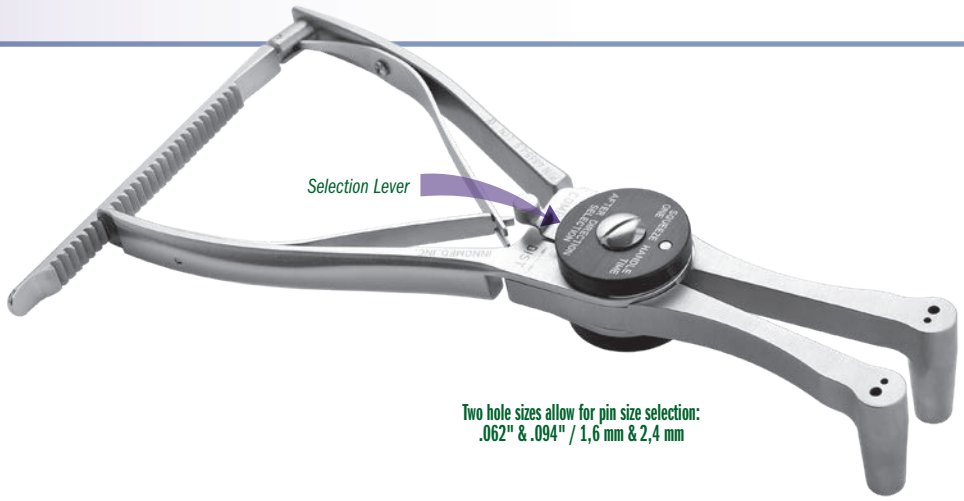
Joint, Calcaneal, and Small Bone Compressor/Distractor

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.

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

USA MADE



Two hole sizes allow for pin size selection:
.062" & .094" / 1,6 mm & 2,4 mm

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

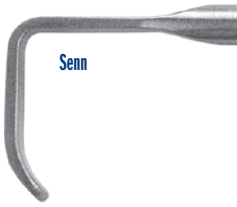
Chung T-Handle Retractors

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



Modified Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Used for small bone surgery

USA MADE

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*
1666-02 [Blade: 8 mm Wide / 17 mm Drop] *Overall Length: 6.25" (15,9 cm)* *Blade Width: 8 mm* *Blade Drop: 17 mm*
1666-LG [Blade: 8 mm Wide / 72 mm Drop] *Overall Length: 7.125" (18,1 cm)* *Blade Width: 8 mm* *Blade Drop: 72 mm*

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)*

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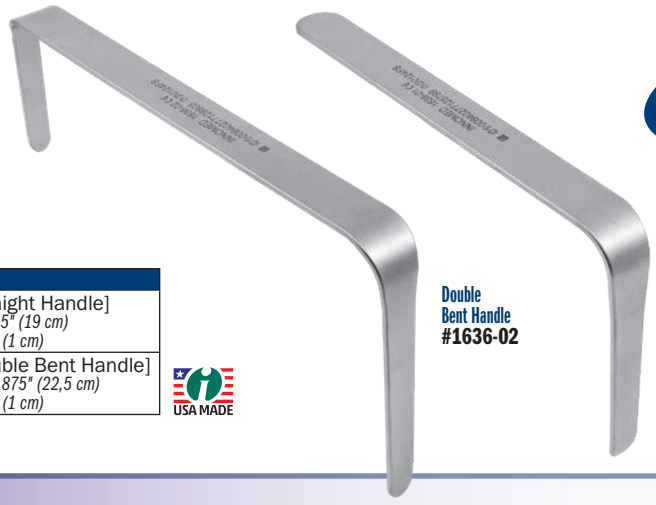


New!

Johnson Low Profile Foot & Ankle Retractors

Designed by Michael Johnson, MD

Designed for soft tissue retraction in the foot and ankle

PRODUCT NO'S:
1636-01 [Straight Handle] *Overall Length: 7.5" (19 cm)* *Blade Width: .41" (1 cm)*
1636-02 [Double Bent Handle] *Overall Length: 8.875" (22,5 cm)* *Blade Width: .41" (1 cm)*

USA MADE

Double Bent Handle **#1636-02**

Straight Handle **#1636-01**

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

8 mm Blade **#1594-R**

16 mm Blade **#1597-R**

Swanson Elevator

Designed by Richard Ferkel, MD

Angular design helps to go around bone for retraction and elevation – especially useful in small bone surgery of the foot/ankle and hand/wrist

PRODUCT NO:
1644 *Overall Length: 6.375" (16,2 cm)* *Blade Depth: .75" (1,9 cm)*

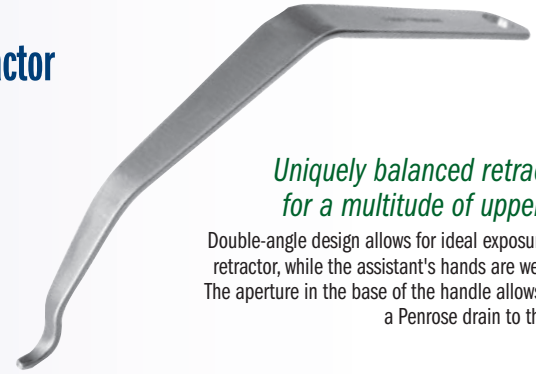
USA MADE

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.

Woods Retractor

Designed by Richard Ferkel, MD

A retractor for use in the foot, ankle, wrist and elbow

PRODUCT NO:
1147
Overall Length: 5.75" (14,6 cm)
Rake Blade Width: .675" (1,7 cm)
Rake Blade Depth: .675" (1,7 cm)
Flat Blade Width: .39" (1 cm)
Flat Blade Depth: 1" (2,54 cm)

USA MADE

PRODUCT NO:
1148
Overall Length: 4.75" (12,1 cm)
Large End Blade Length: 1.75" 4,4 cm)
Large End Blade Width: .625" (1,6 cm)
Small End Blade Length: 1" (2.5 cm)
Small End Blade Width: .3125" (0,8 cm)

USA MADE

Kawell Short Army Navy Retractor

Designed by Ron Kane, DPM

A short (4.75") handled Army Navy retractor, especially useful with a gastrocnemius recession

Ratcheting Reduction Clamp Kit

Designed by Michael Craig, OPA-C

Designed as a soft tissue sparing fracture reduction clamp

PRODUCT NO'S:
3840-00 [Clamp Kit]
Kit Includes / 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)*

USA MADE

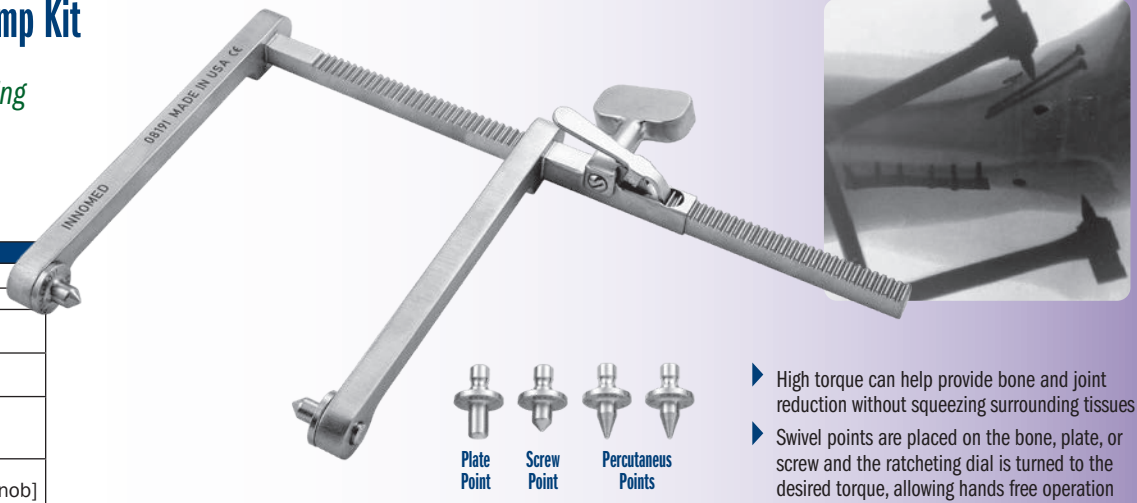
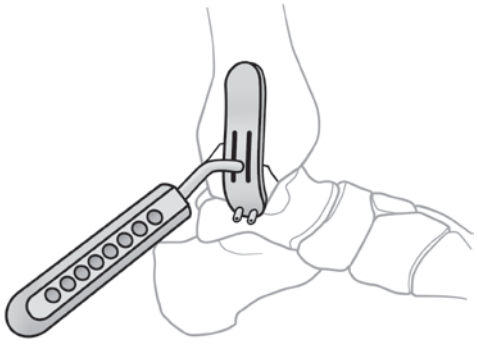


Plate Point | Screw Point | Percutaneus Points

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

- 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



Medial Malleolus Fracture Reduction Aid

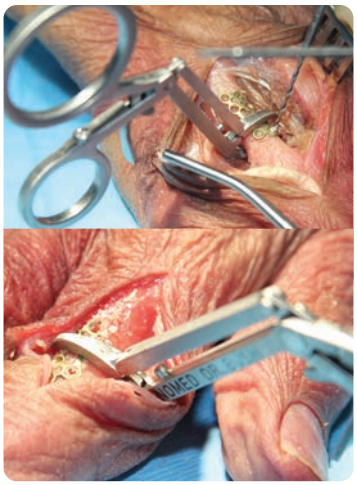
Designed by Christopher Blair, DO

Designed to hook under the medial malleolus to help reduce the medial malleolus fragment while two K-wire guides supply trajectory for wires

For K-wires up to 1,6 mm (.062")

PRODUCT NO:
3664
Overall Length: 7" (17,8 cm)
Handle Length: 4" (10,2 cm)
Plate Width: .8" (2 cm)
Plate Length: 3" (7,6 cm)
Guide Tube Length: 6 mm

USA MADE



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

Double
#1888

Single
#1889

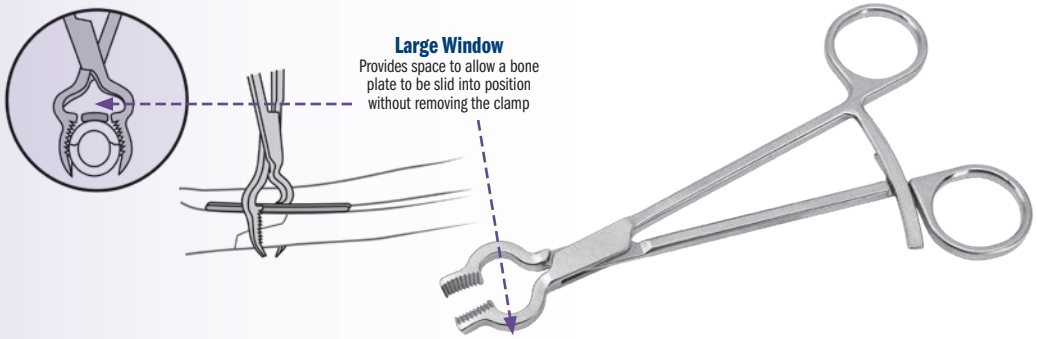
Durham Bone Reduction Clamp

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" (17,8 cm)*

USA MADE



Pointed Fracture Reduction Clamps

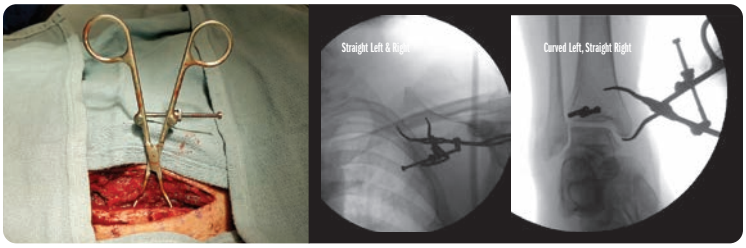
Designed by Reza Firoozabadi, MD MA

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

PRODUCT NO'S:
SMALL WITH SPEED LOCK MECHANISM
3666 [Straight Left & Right] *Overall Length: 5.5" (14 cm)*
3667 [Curved Left & Right] *Overall Length: 5.5" (14 cm)*
3666-L [Curved Left, Straight Right] *Overall Length: 5.5" (14 cm)*
3666-R [Straight Left, Curved Right] *Overall Length: 5.5" (14 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)*
MEDIUM WITH SPEED LOCK MECHANISM
3666-01 [Straight Left & Right] *Overall Length: 7" (17,8 cm)*
3667-01 [Curved Left & Right] *Overall Length: 7" (17,8 cm)*
3666-L-01 [Curved Left, Straight Right] *Overall Length: 7" (17,8 cm)*
3666-R-01 [Straight Left, Curved Right] *Overall Length: 7" (17,8 cm)*

USA MADE

- 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



Small With Speed Lock

Straight Left & Right **#3666**
Curved Left & Right **#3667**
Curved Left, Straight Right **#3666-L**
Straight Left, Curved Right **#3666-R**

Medium With Speed Lock

Straight Left & Right **#3666-01**
Curved Left & Right **#3667-01**
Curved Left, Straight Right **#3666-L-01**
Straight Left, Curved Right **#3666-R-01**

Small With Ratchet

Straight Left & Right **#3668**
Curved Left & Right **#3669**
Curved Left, Straight Right **#3668-L**
Straight Left, Curved Right **#3668-R**

Four Tine Configuration Options

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

FR
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Most instruments
a no-charge two-v
includes FREE UPS

*When shipped to a hos
additional charge applies
Free trial offer exclud
instruments, which are ava
pad replacement charge

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

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s are available for
week evaluation –
Ground Shipping*

spital or medical center;
s for expedited shipping.
es implant extraction
ilable as rentals. There is a
with the hip positioners.

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)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Bargo Bone Holding Clamp

Designed by Lonnie Bargo, CST/CFA

Designed to aid in the reduction of various fractures, and can help secure a plate in place during installation

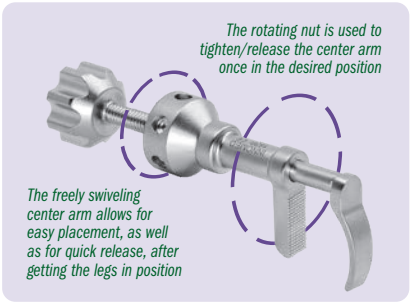
Designed to aid in the reduction of various fractures such as: spiral, transverse, compound, oblique, or butterfly. The clamp can also be used to secure a plate in place while the screw holes are being drilled and screws inserted. The fracture site can also be manipulated with the clamp being used as a lever. Teeth in the jaws allows for a better grip and a ratchet locking handle allows use on various bone diameters.

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Chen Low Profile Plate/Bone Clamp

Designed by Franklin Chen, MD



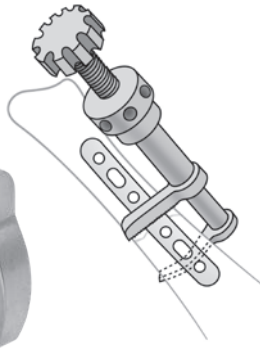
Designed for plate to bone clamping in a variety of lower and upper extremity fractures

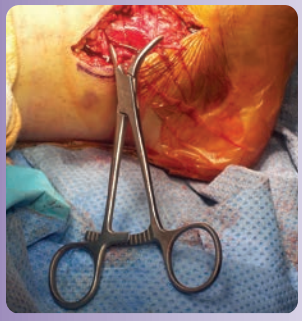
Useful for diaphyseal forearm fractures, humerus fractures, and distal radius fractures.

PRODUCT NO:
1639 *Overall Length: 2.75" (7 cm)* *Prong Depth: .675" (17 mm)* *Prong Width: 5 mm*

USA MADE

New!
SMALLER SIZE





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]

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Right #1801-R Left #1801-L

Ludloff/Mau Osteotomy Fixation Clamp

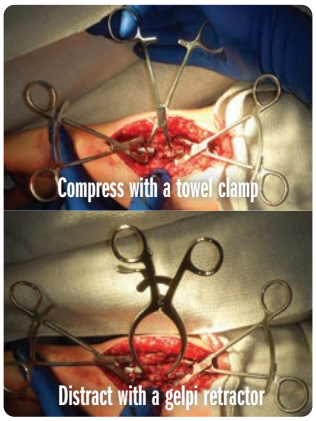
Designed by A. Austin

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)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Stanton Articulating Small Bone Clamps

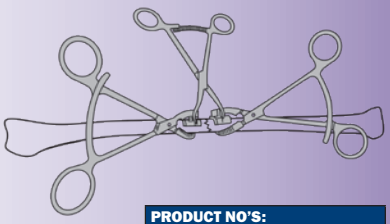
Designed by John L. Stanton, MD

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.

Right **#1811-R**

Left **#1811-L**



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*

Coated Allis Bone Clamps

Modification of design by Charles T. Resnick MD

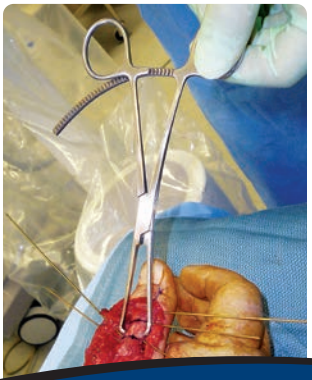
A traditional Allis Bone Clamp designed with a longer ratchet—for a wider opening to allow a bone and plate to be clamped and locked onto—and coated end(s) to prevent from marring a component surface

PRODUCT NO'S:
1381 [One Coated End] *Overall Length: 6.125" (15,9 cm)* *Ratcheted Clamp Opens to: 35 mm*
1382 [Two Coated Ends] *Overall Length: 6.125" (15,9 cm)* *Ratcheted Clamp Opens to: 35 mm*

USA MADE

One Coated End **#1381**

Two Coated Ends **#1382**



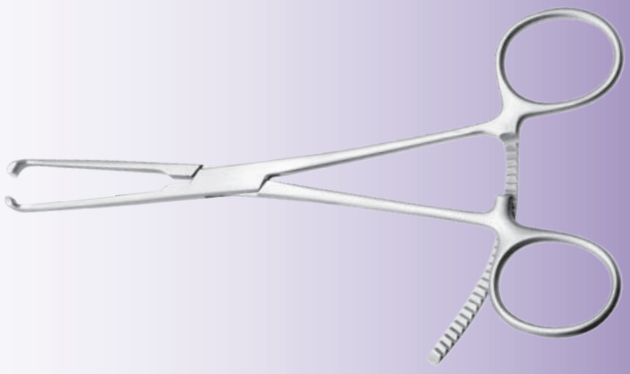
Resnick Allis Bone Clamp

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*

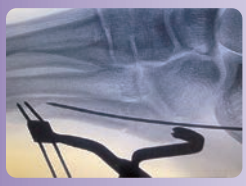
MADE EXCLUSIVELY FOR INNOMED IN GERMANY



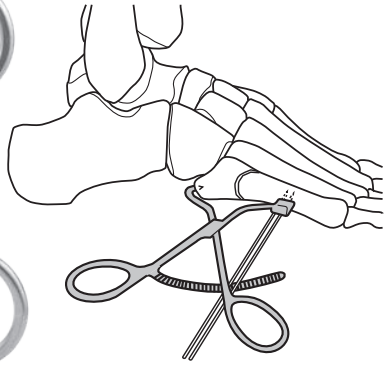
Desai Jones Fracture Reduction Clamp

Designed by Sarang Desai, DO

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

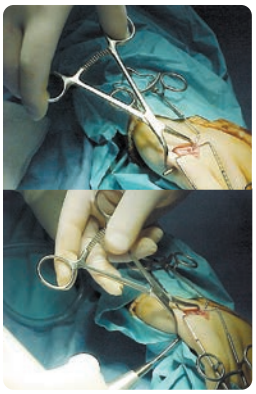


Distally there are two K-wire holes for placement in the distal 5th metatarsal and the 2-pronged clamp proximally is placed on the tuberosity, allowing a "high and inside" screw placement without interference.



USA MADE

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



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)*

Designed by M.R. Redler, MD

USA MADE

Three Tube Sizes Available

.035" (.9 mm) Tube Diameter **#1810-35**
.045" (1.1 mm) Tube Diameter **#1810-45**
.062" (1.6 mm) Tube Diameter **#1810-62**

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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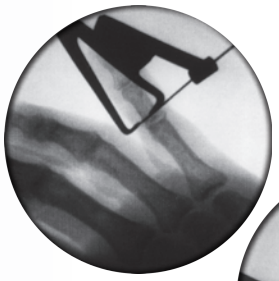
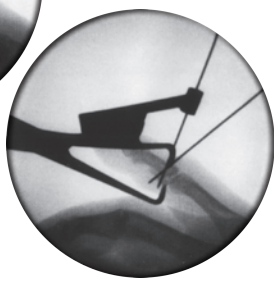
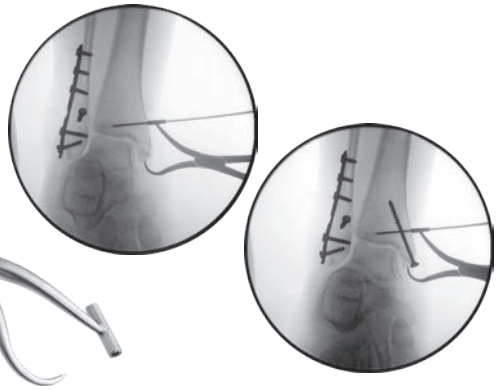




(Prototype used in X-ray images)



Teurlings Medial Malleolar Clamp with Wire Guide

Designed by Luc Teurlings, MD

Helps to stabilize the medial malleolar fragment during internal fixation

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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

Mogul K-Wire/Pin Insertion Guide

Designed by Stuart J. Mogul, DPM, FACFAS

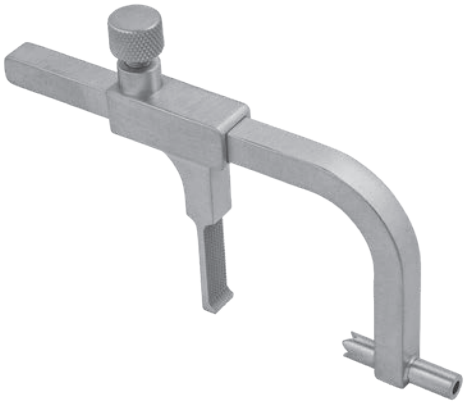
A guide designed for passing guide pins or K-wires through two adjacent metatarsal bones

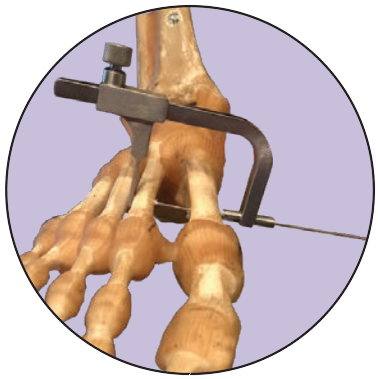
PRODUCT NO:

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)

USA MADE





Zell Fixed Angle Wire Guide

Designed by Richard Zell, MD

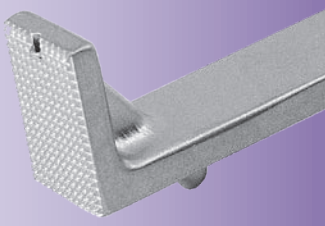
Designed to help with placement of guide wires for cannulated screws and k-wires in foot and ankle surgeries, such as bunion surgery, midfoot fusion, and midfoot ORIF

PRODUCT NO:

3021

Overall Length: 2.75" (7 cm)
Handle Platform: 1" x .875" (25 x 22 mm)
Guide Tube Angle: 35°
Guide Tube for wires up to: .052"/1.3 mm

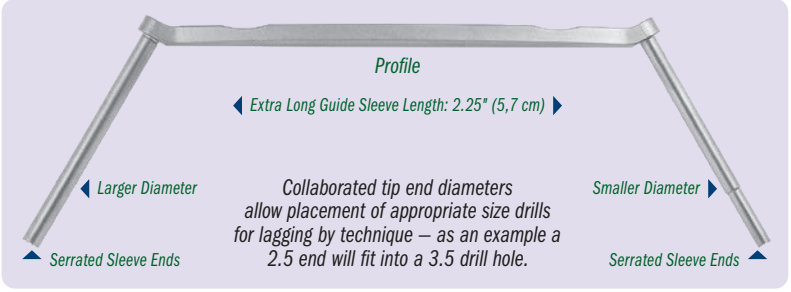
USA MADE



Extended Drill Sleeves

Designed by Reza Firoozabadi, MD

Designed to help reduce fractures when K-wires are passed through, the extra long drill sleeve helps to protect soft tissues and prevent the need for stacking two drill sleeves



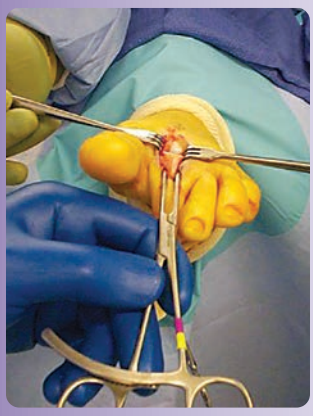
- Serrated tips allow for better grip when drilling at an angle or when pushing a fracture fragment to assist with fracture reduction
- Sleeve can be used as a reduction aid with placement of a kirschner wire through sleeve
- Collaborated tips which allow placement of appropriate size drills for lagging by technique – as an example a 2.5 end will fit into a 3.5 drill hole

PRODUCT NO'S:
3014-00 [Set of Four]
Set Includes / Available Individually:
3014-01 [2.4/1.8 mm] *Overall Length: 6.875" (17,6 cm)* *Guide Tube Length: 2.25" (5,7 cm)* *Guide Angle from Handle: 30°*
3014-02 [2.7/2.0 mm] *Overall Length: 6.875" (17,6 cm)* *Guide Tube Length: 2.25" (5,7 cm)* *Guide Angle from Handle: 30°*
3014-03 [3.5/2.5 mm] *Overall Length: 6.875" (17,6 cm)* *Guide Tube Length: 2.25" (5,7 cm)* *Guide Angle from Handle: 30°*
3014-04 [4.5/4.0 mm] *Overall Length: 6.875" (17,6 cm)* *Handle Length: 4.875" (12,4 cm)* *Guide Length: 2.25" (5,7 cm)* *Guide Angle from Handle: 30°*

USA MADE

Case example of using modified 3.5/2.5 mm drill sleeve for placing 3.5 mm screws in a forearm fracture case. Note how extended sleeve protects soft tissues during drilling.

Note 2.0 mm end of drill sleeve placed into a predrilled 2.7 mm hole, utilized as a lag by technique 2.7 mm screw.



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*

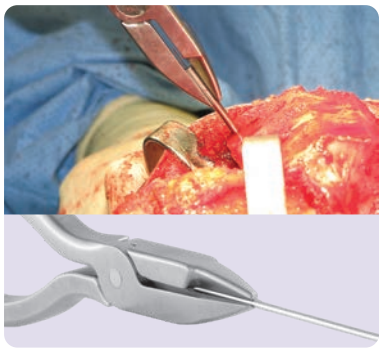
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Stanton Straight Pin Removal Pliers

Designed by John Stanton, MD

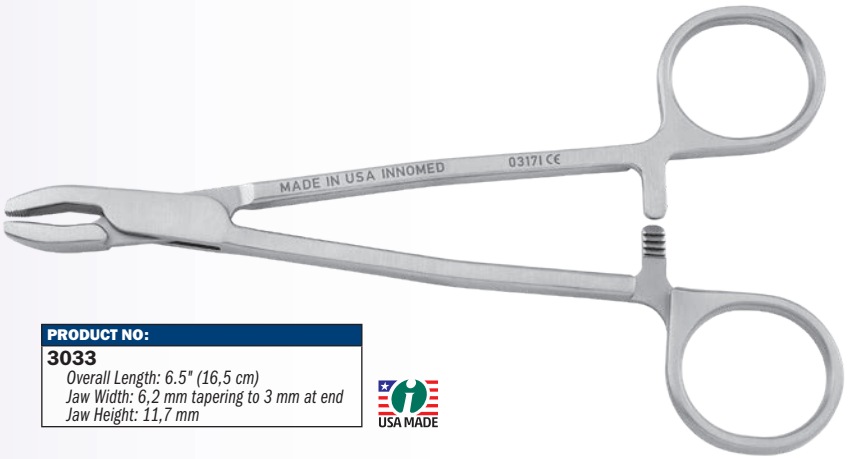
PRODUCT NO:
1893 *Overall Length: 6.375" (16,2 cm)* *Jaw Length: 1.62 (4,1 cm)* *Instrument Width: 1 cm*

USA MADE



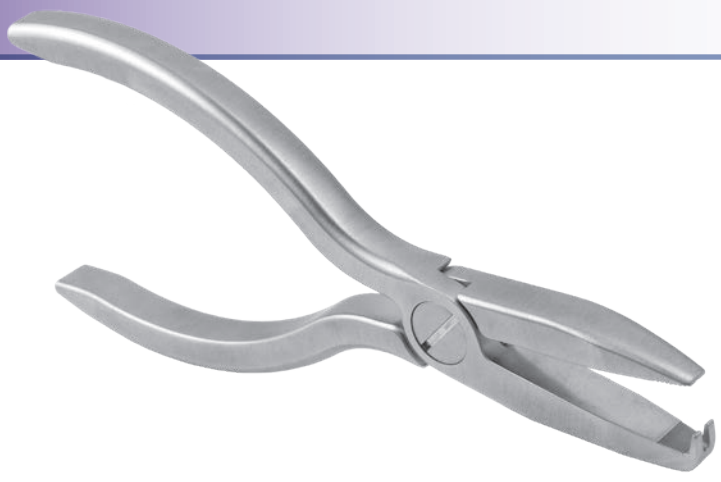
Pin Puller - Small

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

Universal Bone Grafting /Impacting Forceps

Designed by J. A. Amis, MD

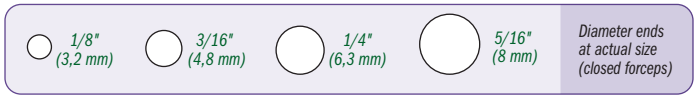
Bone graft can be grasped, placed & impacted without changing hands or instruments

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.

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

Long 10" with 1/8" (3,2 mm) Diameter End #5050-01
Long 10" with 3/16" (4,8 mm) Diameter End #5050-02
Long 10" with 1/4" (6,3 mm) Diameter End #5050-03
Long 10" with 5/16" (8 mm) Diameter End #5050-04

Short 6" with 1/8" (3,2 mm) Diameter End #5010-01
Short 6" with 3/16" (4,8 mm) Diameter End #5010-02
Short 6" with 1/4" (6,3 mm) Diameter End #5010-03
Short 6" with 5/16" (8 mm) Diameter End #5010-04



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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Sarraf TiN Coated Cement Removal Forceps

Designed by Khaled M. Sarraf, MD

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)*

USA MADE

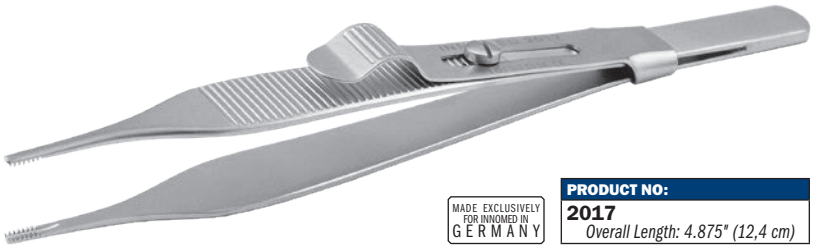
Straight #5039

Bent #5041

Rudisill Locking Small Bone Reduction Forcep

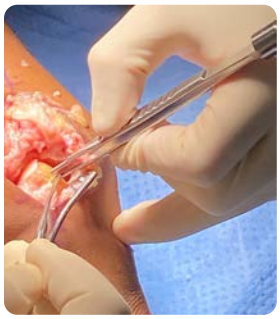
Designed by Ed Rudisill, MD

For reduction of hand phalanx and metacarpal fractures



MADE EXCLUSIVELY FOR INNOMED IN GERMANY

PRODUCT NO:	
2017	*Overall Length: 4.875" (12,4 cm)*



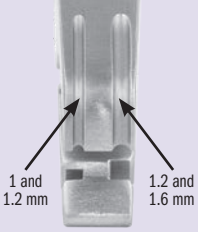
Faillace Bone Impact/Graft Forceps

Design modification by John J. Faillace, MD, FAAOS

Long vertical grooves at the tip are designed to deliver graft into a small space, where a freer elevator can be used to push the graft down into the space, then the closed flat end can be used to tamp down the graft

PRODUCT NO:	
5011	*Overall Length: 5" (12,7 cm)* *Tip Diameter When Closed: 3,2 mm*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

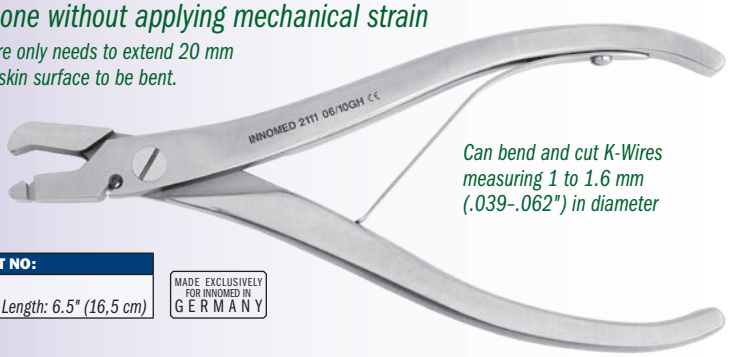


The right slot of the instrument's lower jaw can hold K-Wires with a diameter of 1.2 mm or 1.6 mm. The smaller left slot can hold K-Wires measuring 1 mm or 1.2 mm in diameter.

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.



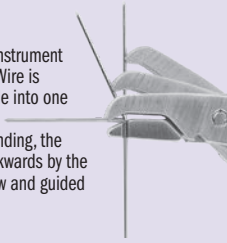
Can bend and cut K-Wires measuring 1 to 1.6 mm (.039–.062") in diameter

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.

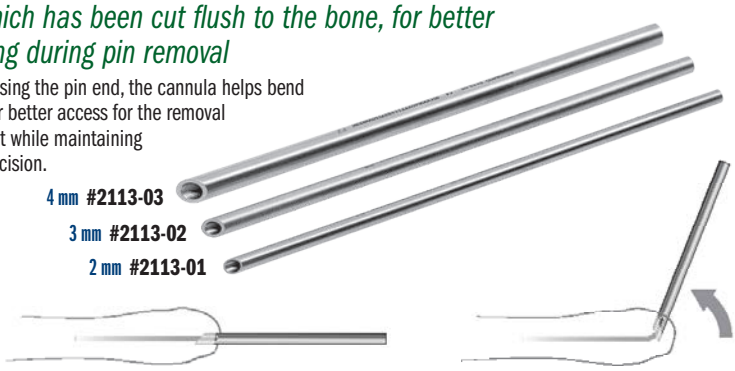
Helpful when removing a pin which has been cut flush to the bone which can be hard to grasp with standard tools.

Roberts Pin Bending Cannula Set

Designed by David Roberts, MD

Designed to help bend the end of a flexible intramedullary pin, which has been cut flush to the bone, for better grasping during pin removal

After exposing the pin end, the cannula helps bend the pin for better access for the removal instrument while maintaining a small incision.

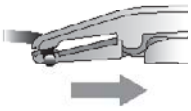


PRODUCT NO'S:
2113-00 [Set of 3 Sizes]
Set Includes / Available Individually:
2113-01 [2 mm] *For 1.5 - 2.0 mm flexible nails* *Overall Length: 5.5" (14 cm)*
2113-02 [3 mm] *For 2.5 - 3.0 mm flexible nails* *Overall Length: 5.5" (14 cm)*
2113-03 [4 mm] *For 3.5 - 4.0 mm flexible nails* *Overall Length: 5.5" (14 cm)*

USA MADE

Features

- Beveled edge that allows easy capture of end of pin
- Cannula can be used as a trephine for pins with bony overgrowth
- Reusable - thick walls withstand repeated uses



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

- 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

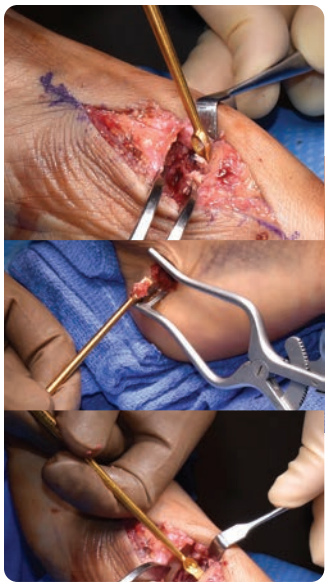
Sarraf Cement Trimmer

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



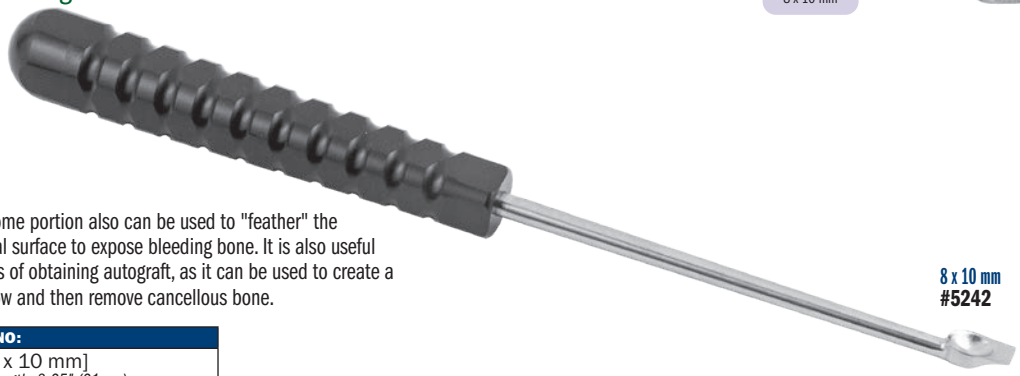
Desai Curette Osteotome

Designed by Sarang Desai, DO

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

Cup Size:

8 x 10 mm



8 x 10 mm
#5242

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:
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

Corkscrew Small Bone Manipulator

Designed by Raymond Wurapa, MD

Designed with an aggressive thread to aid in excising small bones of the hand and foot

The quick-connect end allows the device to be inserted with ease under power with a standard drill attachment. After insertion, the drill is detached and manual control over the process of extracting the bone can be performed by hand, using either the disc on the shaft or attaching a handle.

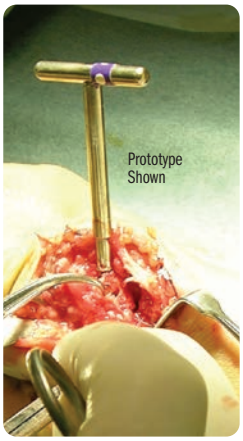
- Helps with removal of trapezium during basal joint arthroplasty
- Helps with extraction of any carpal bones for wrist procedures: proximal row carpectomy (PRC), partial wrist fusions, pisiform excision

Shown with optional universal handle attached

(Handle not included.)

USA MADE

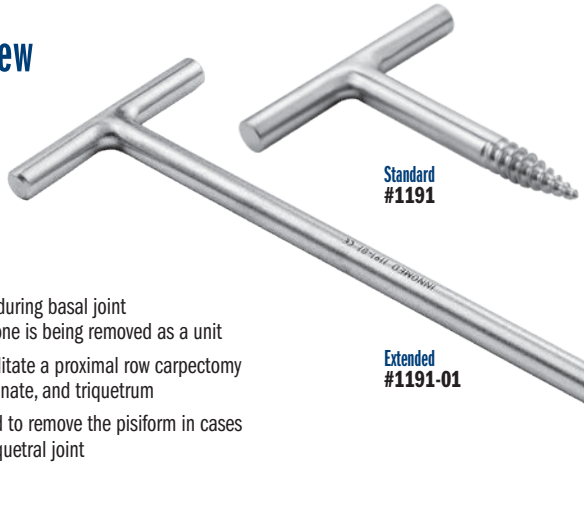
PRODUCT NO:
1615 *Overall Length: 4" (10,2 cm)* *Length Beyond Disc: 2.25" (5,7 cm)* *Length Beyond Line: .625" (1,6 cm)* *Corkscrew Length: .375" (1 cm)*
Optional:
S0113 [Universal Handle] *Overall Length: 4" (10,2 cm)*



Lubahn Corkscrew

Designed by John D. Lubahn, MD

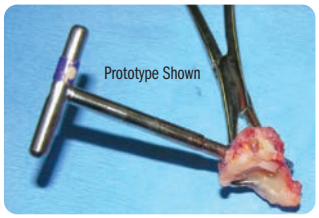
Designed to help with removal of tarsal and/or carpal bones



Standard
#1191

Extended
#1191-01

- 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:
1191 [Standard] *Overall Length: 2.25" (5,7 cm)*
1191-01 [Extended] *Overall Length: 6.5" (16,5 cm)*

USA MADE

Ring Curettes – Straight Shaft

3 mm Straight #5150
6 mm Straight #5152
8 mm Straight #5154

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

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Ring Curettes – Bent Shaft

3 mm Bent #5156
6 mm Bent #5157
8 mm Bent #5158

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

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Ortho Mini Gouges

2 mm Gouge #1168-2
3 mm Gouge #1168-3
4 mm Gouge #1168-4
5 mm Gouge #1168-5
6 mm Gouge #1168-6
7 mm Gouge #1168-7
8 mm Gouge #1168-8

Mini orthopedic gouges with ergonomic handles, designed for bone resection in small areas and resection of periosteum

PRODUCT NO'S:	
1168-2 [2 mm Gouge] *Overall Length: 5.75" (14,6 cm)* *Gouge Width: 2 mm*	
1168-3 [3 mm Gouge] *Overall Length: 5.75" (14,6 cm)* *Gouge Width: 3 mm*	**1168-6** [6 mm Gouge] *Overall Length: 5.75" (14,6 cm)* *Gouge Width: 6 mm*
1168-4 [4 mm Gouge] *Overall Length: 5.75" (14,6 cm)* *Gouge Width: 4 mm*	**1168-7** [7 mm Gouge] *Overall Length: 5.75" (14,6 cm)* *Gouge Width: 7 mm*
1168-5 [5 mm Gouge] *Overall Length: 5.75" (14,6 cm)* *Gouge Width: 5 mm*	**1168-8** [8 mm Gouge] *Overall Length: 5.75" (14,6 cm)* *Gouge Width: 8 mm*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Ortho Mini Chisels

Mini orthopedic chisels, straight and offset, with straight and ergonomic handles

1 mm Offset Chisel #1169-1
2 mm Offset Chisel #1169-2
3 mm Offset Chisel #1169-3
4 mm Offset Chisel #1169-4
5 mm Offset Chisel #1169-5

3 mm Straight Chisel #1170-3
4 mm Straight Chisel #1170-4
5 mm Straight Chisel #1170-5

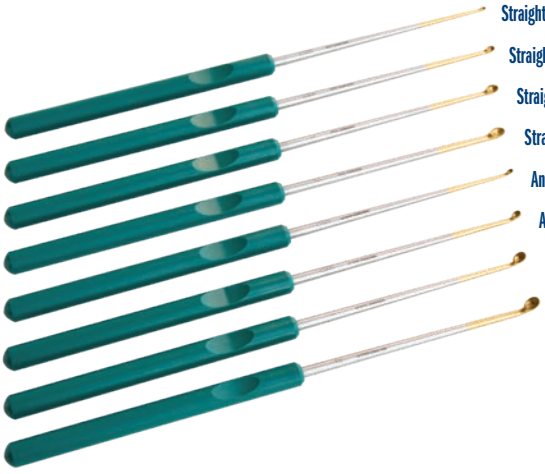
PRODUCT NO'S:	
Offset Chisels	*Straight Chisels*
1169-1 [1 mm Offset Chisel] *Overall Length: 6.25" (15,9 cm)* *Chisel Width: 1 mm*	**1170-3** [3 mm Straight Chisel] *Overall Length: 6.4" (16,3 cm)* *Chisel Width: 3 mm*
1169-2 [2 mm Offset Chisel] *Overall Length: 6.25" (15,9 cm)* *Chisel Width: 2 mm*	**1170-4** [4 mm Straight Chisel] *Overall Length: 6.4" (16,3 cm)* *Gouge Width: 4 mm*
1169-3 [3 mm Offset Chisel] *Overall Length: 6.25" (15,9 cm)* *Chisel Width: 3 mm*	**1170-5** [5 mm Straight Chisel] *Overall Length: 6.4" (16,3 cm)* *Gouge Width: 5 mm*
1169-4 [4 mm Offset Chisel] *Overall Length: 6.25" (15,9 cm)* *Chisel Width: 4 mm*	
1169-5 [5 mm Offset Chisel] *Overall Length: 6.25" (15,9 cm)* *Chisel Width: 5 mm*	

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Micro Curettes

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

Straight, Cup Size 6/0 #4246
Straight, Cup Size 4/0 #4244
Straight, Cup Size 1 #4240
Straight, Cup Size 2 #4242
Angled, Cup Size 6/0 #4246-01
Angled, Cup Size 4/0 #4244-01
Angled, Cup Size 1 #4240-01
Angled, Cup Size 2 #4242-01



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*

USA MADE

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] *2.5" (6,4 cm) x 8 mm*
S1003	[Osteotome Blade] *2.5" (6,4 cm) x 10 mm*
S1004	[Osteotome Blade] *2.5" (6,4 cm) x 12 mm*
S1005	[Osteotome Blade] *2.5" (6,4 cm) x 20 mm*
S1006	[Curved Osteotome Blade] *2.5" (6,4 cm) x 12 mm*
S1020 *or* **S1021**	[Handle with Quick-Coupling End] *5" (12,7 cm)* [Handle with Locking Nut] *5" (12,7 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] *2" (5,1 cm) x 8 mm*
S1233-R	[Right Curved Chisel Blade] *2" (5,1 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 **#S1020**

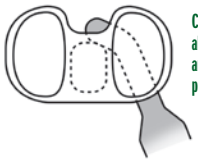
Choice of Handle Style

Handle with Locking Nut **#S1021**

2.5" (6,4 cm) x 8 mm Osteotome Blade **#S1002**
2.5" (6,4 cm) x10 mm Osteotome Blade **#S1003**
2.5" (6,4 cm) x12 mm Osteotome Blade **#S1004**
2.5" (6,4 cm) x 20 mm Osteotome Blade **#S1005**
2.5" (6,4 cm) x 12 mm Curved Osteotome Blade **#S1006**

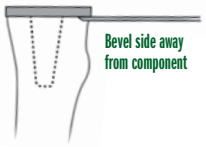
2.5" (6,4 cm) x 8 mm Chisel Blade **#S1222**
2.5" (6,4 cm) x 10 mm Chisel Blade **#S1223**
2.5" (6,4 cm) x 12 mm Chisel Blade **#S1224**
2.5" (6,4 cm) x 20 mm Chisel Blade **#S1225**

2" (5,1 cm) x 8 mm Left Curved Chisel Blade **#S1233-L**
2" (5,1 cm) x 8 mm Right Curved Chisel Blade **#S1233-R**



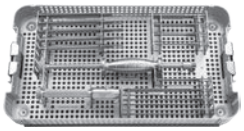
Curved chisel design allows working around component pegs, fins, etc.

Slap Hammer **#S2007**



Bevel side away from component

Strike Plate for Handle **#S1020-SP**



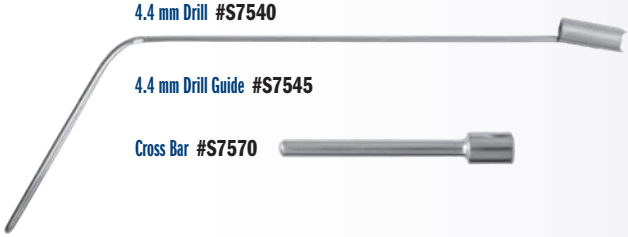
Complete Set with more options available online at www.innomed.net

Narrow Cement Removal Gouge, Short **#S7505**

Offset Chisel **#S7520**

Cement Removal Osteotome, Short **#S7595**

4.4 mm Drill **#S7540**



4.4 mm Drill Guide **#S7545**

Cross Bar **#S7570**

Mueller-Type Cement Removal Instruments

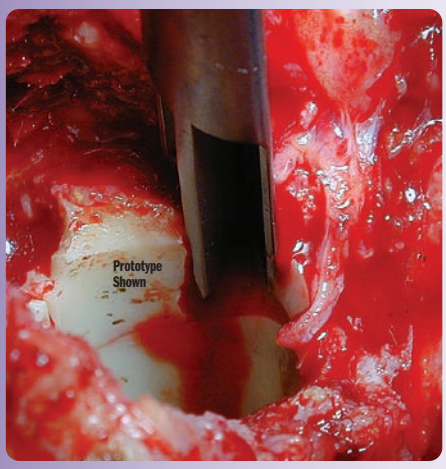
Useful for cement removal in the ankle

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

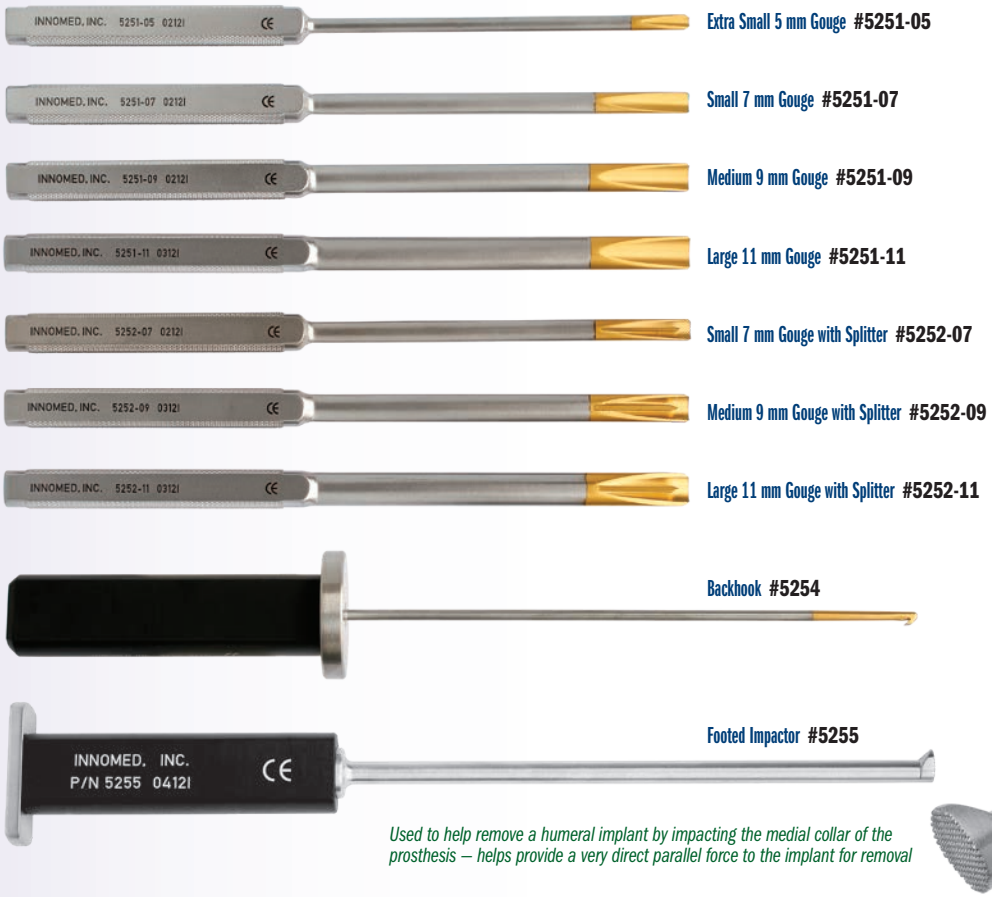
Designed by Gregory Nicholson, MD

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

- 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
Set Includes / Available Individually:
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



Extra Small 5 mm Gouge **#5251-05**

Small 7 mm Gouge **#5251-07**

Medium 9 mm Gouge **#5251-09**

Large 11 mm Gouge **#5251-11**

Small 7 mm Gouge with Splitter **#5252-07**

Medium 9 mm Gouge with Splitter **#5252-09**

Large 11 mm Gouge with Splitter **#5252-11**

Backhook **#5254**

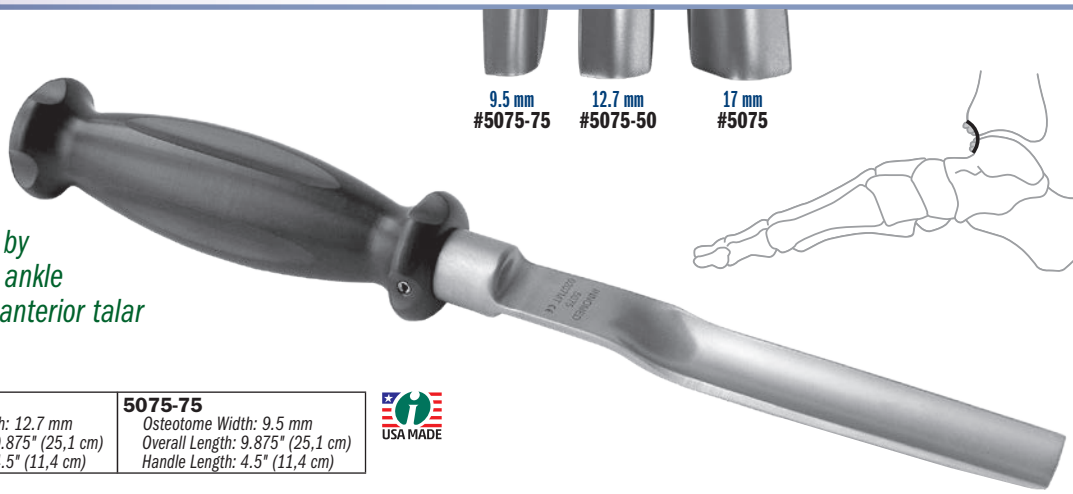
Footed Impactor **#5255**

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

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



9.5 mm **#5075-75**

12.7 mm **#5075-50**

17 mm **#5075**

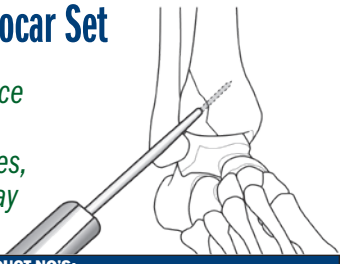
PRODUCT NO'S:		
5075 *Osteotome Width: 17 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: 4.5" (11,4 cm)*	**5075-50** *Osteotome Width: 12.7 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: 4.5" (11,4 cm)*	**5075-75** *Osteotome Width: 9.5 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: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

USA MADE

Izuka Cannulated Fracture Awls & Trocar Set

Designed by Byron Izuka, MD

Designed to help safely and accurately place standard K-wires up to 0.0825" (2,1 mm) with either open or percutaneous techniques, helping to avoid soft tissue injuries that may occur without the use of such devices



- The sharp tip design minimizes migration of the awl when inserting the K-wire at an oblique angle to the bone surface.
- May also be used to place K-wires for use with specialty sets (with guide wires that are shorter than standard K-wires) with minor modifications in technique.
- The trocar is used to help remove any tissue in the awl.

PRODUCT NO'S:
8093-00 [Set]
Set Includes / Available Individually:
8093-01 [Blunt Awl] *Overall Length: 4.95" (12,6 cm)* *Shaft Width: .35" (9 mm)* *Cannulated for use with K-wires up to: .0825" (2,1 mm)*
8093-02 [Spiked Awl] *Overall Length: 4.95" (12,6 cm)* *Shaft Width: .35" (9 mm)* *Cannulated for use with K-wires up to: .0825" (2,1 mm)*
8093-03 [Trocar Rod] *Overall Length: 5.62" (7,4 cm)* *Shaft Width: .079" (2 mm)* *Rounded Head End Diameter: .8" (2 cm)*

USA MADE

Hooked Bone Awls

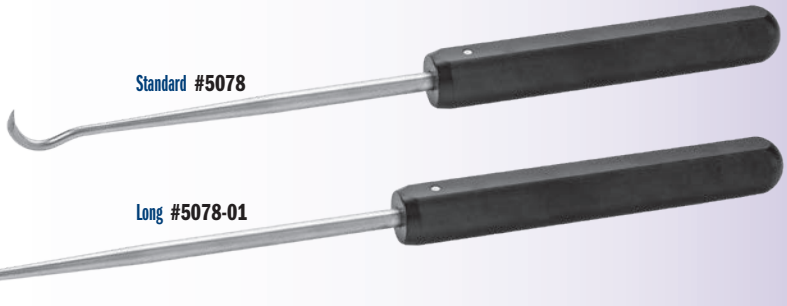
Designed by Reza Firoozabadi, MD

"Shoulder hook" awls 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

Standard hooked bone awl being used to gain length to assist with reduction of a fibula fracture. A 2mm pilot hole is made to seat the tip of the bone awl.



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

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)*

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Mini-lexer Gouges

PRODUCT NO'S:
2022-02 [Mini Lexer Gouge – 4 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 4 mm*
2022-03 [Mini Lexer Gouge – 6 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 6 mm*
2022-04 [Mini Lexer Gouge – 10 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 10 mm*

MADE FOR INNOMED IN GERMANY

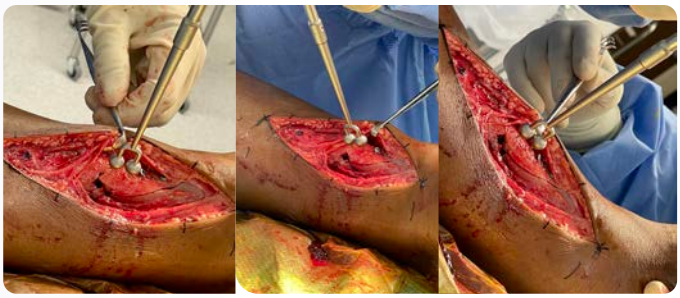
Chandran Double Ball Spike

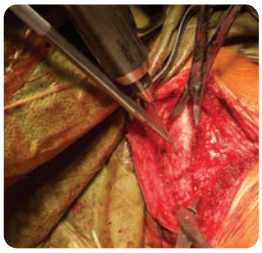
Designed by Rama E. Chandran, MD

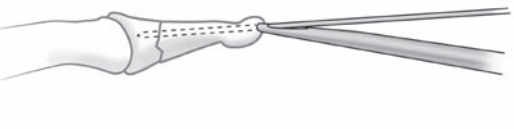
Designed to help rotate and control a butterfly bone fragment for fixation

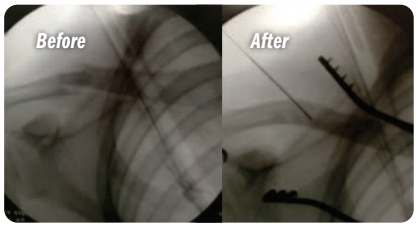
PRODUCT NO:
8027
Overall Length: 12.5" (31.8 cm)
Handle Length: 4.625" (1,17 cm)

USA MADE









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

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

1.2 mm Hole **#5294**
1.6 mm Hole **#5294-01**

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

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)

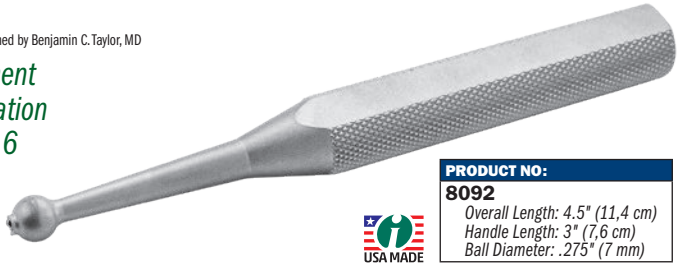
USA MADE

Small Cannulated Ball Spike

Designed by Benjamin C. Taylor, MD

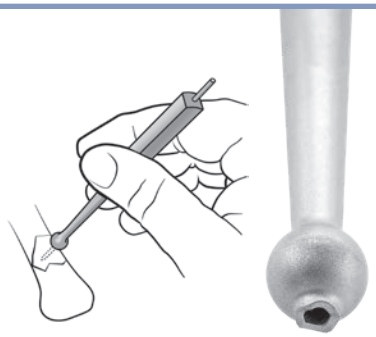
Designed to help reduce a bone fragment and keep it reduced, while the cannulation allows placement of a K-wire (up to 1.6 mm/.062") into the fragment

- Helps to prevent slipping while inserting K-wires
- Can serve as a handle for K-wire joysticks



USA MADE

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



Mazzara Rongeur for Small Bones

Designed by James T. Mazzara, MD

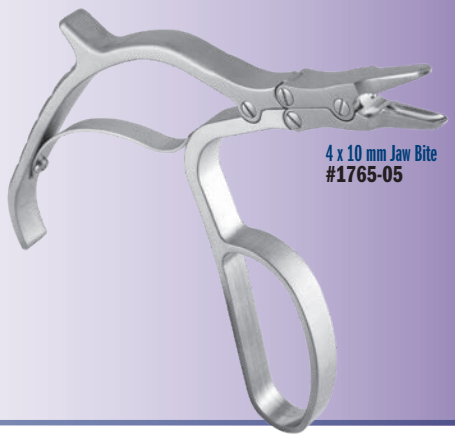
Designed for bone and soft tissue removal in small joint surgery, the pistol grip handle lessens hand fatigue and slippage, and allows for better visualization

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)*

Two Jaw Sizes Available

USA MADE

2 x 10 mm Jaw Bite
#1765-04



4 x 10 mm Jaw Bite
#1765-05

Small **#1789**

Extra Small **#1789-01**

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 4,6 mm to 2 mm* *Jaw Bite Length: 11 mm*

USA MADE

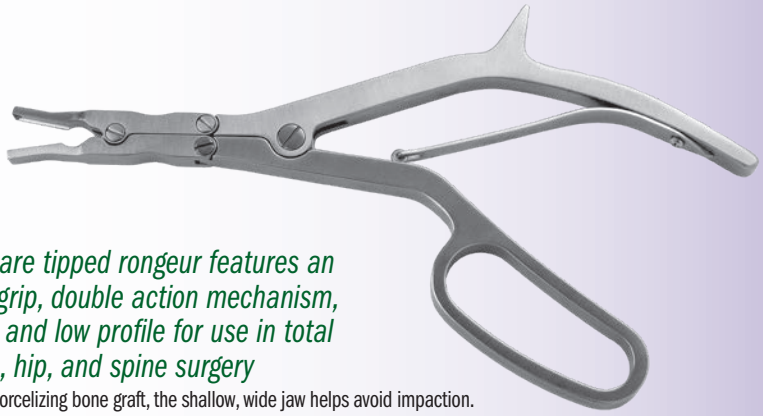
7 x 18 mm Jaw Bite

Macko Square Tipped Rongeur

Designed by Victor W. Macko, MD

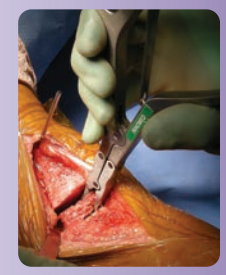
PRODUCT NO:
1778-02 *Jaw Bite: 7 x 18 mm* *Overall Length: 10" (25,4 cm)*

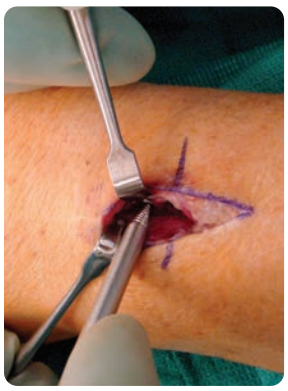
USA MADE



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.





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

PRODUCT NO'S:
7653-00 [Set w/Case]
Set Includes / Available Individually:
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]

1.5 mm
#7653-01

2.5 mm
#7653-02

3.5 mm
#7653-03

PRODUCT NO'S:
2022-00 [Complete System with Case]
System Includes / Available Individually:
2022-01 [Screw Removal Pliers] *Overall Length: 8" (20,3 cm)*
2022-02 [Mini Lexer Gouge – 4 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 4 mm*
2022-03 [Mini Lexer Gouge – 6 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 6 mm*
2022-04 [Mini Lexer Gouge – 10 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 10 mm*
2022-05 [Extraction Screw for 1.5/2.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2022-06 [Extraction Screw for 2.7/3.5/4.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2022-07 [Extraction Screw for 4.5/5.0/6.5/7.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2022-CASE [Case for System]
2022-IP [Instruction Plate] *Dimensions: 7.875" x 3.65" (20 x 9,3 cm)*
2022-SH [Sharp Hook] *Overall Length: 6.1" (15,5 cm)*
2022-T [T-Handle with AO-End] *Overall Length: 5.9" (15 cm)* *Handle Width: 3.15" (8 cm)*
2023-01 [Extraction Bolt for 1.5 mm Screw] *Overall Length: 2.35" (6 cm)*
2023-02 [Extraction Bolt for 2.0 mm Screw] *Overall Length: 2.35" (6 cm)*
2023-03 [Extraction Bolt for 2.7 mm Screw] *Overall Length: 2.35" (6 cm)*
2023-04 [Extraction Bolt for 3.5/4.0 mm Screw] *Overall Length: 2.35" (6 cm)*
2023-05 [Extraction Bolt for 4.5 mm Screw] *Overall Length: 3.15" (8 cm)*
2023-06 [Extraction Bolt for 5.0/6.5/7.0 mm Screw] *Overall Length: 3.94" (10 cm)*
2023-07 [Trephine for 1.5 mm Screw] *Overall Length: 4.125" (10,5 cm)*
2023-08 [Trephine for 2.0 mm Screw] *Overall Length: 4.125" (10,5 cm)*
2023-09 [Trephine for 2.7 mm Screw] *Overall Length: 4.125" (10,5 cm)*
2023-10 [Trephine for 3.5/4.0 mm Screw] *Overall Length: 4.125" (10,5 cm)*
2023-11 [Trephine for 4.5 mm Screw] *Overall Length: 5.4" (13,7 cm)*
2023-12 [Trephine for 5.0/6.5/7.0 mm Screw] *Overall Length: 5.4" (13,7 cm)*
2024-01 [Spare Trephine Cutting End for 1.5 mm Screw] *Overall Length: 1.6" (4 cm)*
2024-02 [Spare Trephine Cutting End for 2.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2024-03 [Spare Trephine Cutting End for 2.7 mm Screw] *Overall Length: 1.6" (4 cm)*
2024-04 [Spare Trephine Cutting End for 3.5/4.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2024-05 [Spare Trephine Cutting End for 4.5 mm Screw] *Overall Length: 2.75" (7 cm)*
2024-06 [Spare Trephine Cutting End for 5.0/6.5/7.0 mm Screw] *Overall Length: 2.75" (7 cm)*

Basic Screw Removal System

System designed to help remove damaged and broken screws from 1.5 to 7.0 mm

Screw Removal Pliers

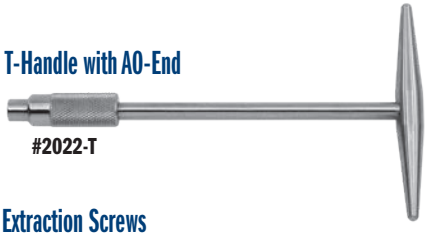
#2022-01

New!

Sharp Hook

#2022-SH

T-Handle with AO-End



#2022-T

Mini Lexer Gouges

4 mm Gouge **#2022-02**

6 mm Gouge **#2022-03**

10 mm Gouge **#2022-04**

Extraction Screws

For 1.5/2.0 mm **#2022-05**

For 2.7/3.5/4.0 mm **#2022-06**

For 4.5/5.0/6.5/7.0 mm **#2022-07**

Extraction Bolts

For 1.5 mm Screw **#2023-01**

For 2.0 mm Screw **#2023-02**

For 2.7 mm Screw **#2023-03**

For 3.5/4.0 mm Screw **#2023-04**

For 4.5 mm Screw **#2023-05**

For 5.0/6.5/7.0 mm Screw **#2023-06**

Trephines

For 1.5 mm Screw **#2023-07**

For 2.0 mm Screw **#2023-08**

For 2.7 mm Screw **#2023-09**

For 3.5/4.0 mm Screw **#2023-10**

For 4.5 mm Screw **#2023-11**

For 5.0/6.5/7.0 mm Screw **#2023-12**

Spare Trephine Cutting Ends

For 1.5 mm Screw **#2024-01**

For 2.0 mm Screw **#2024-02**

For 2.7 mm Screw **#2024-03**

For 3.5/4.0 mm Screw **#2024-04**

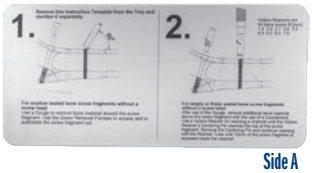
For 4.5 mm Screw **#2024-05**

For 5.0/6.5/7.0 mm Screw **#2024-06**

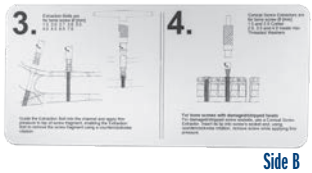
MADE FOR INNOMED IN GERMANY

Set in Case

Instruction Plate **#2022-IP**



Side A

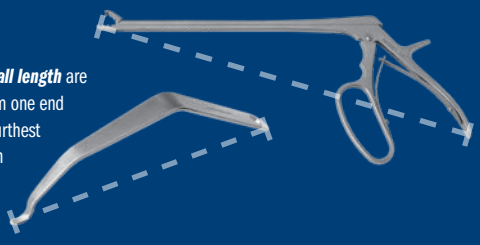


Side B

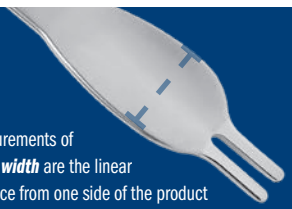
Measurements in this Catalog

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:

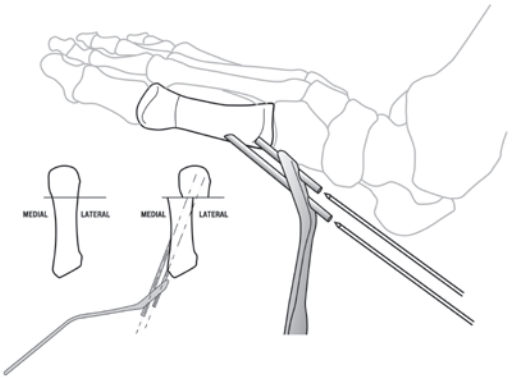


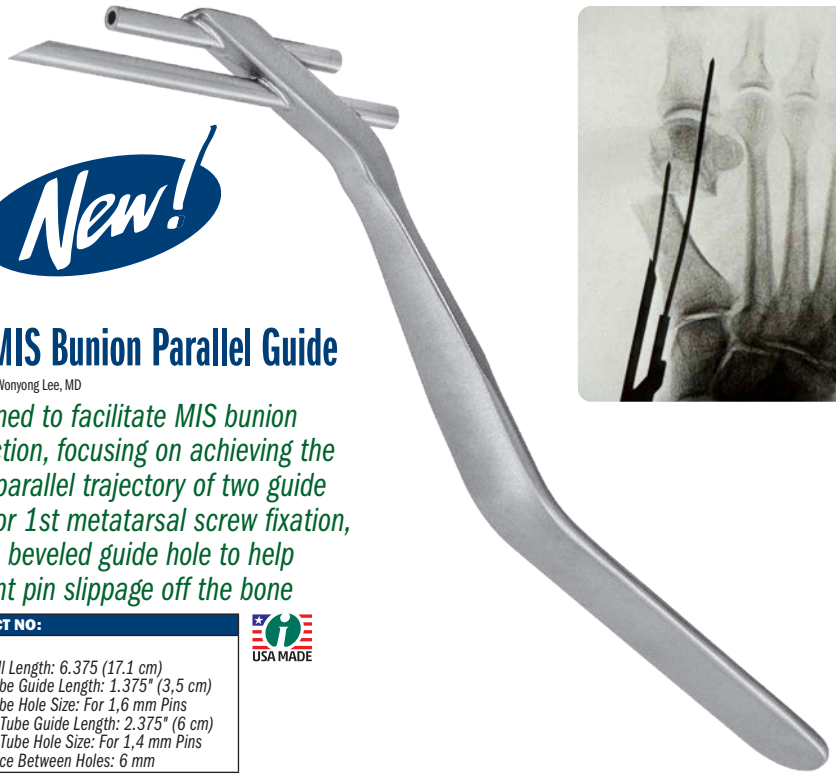
INNOMED
103 Estus Drive
Savannah, GA 31404

FREE TRIAL
on most instruments

Instruments are available for a no-charge two-week evaluation – includes FREE UPS 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.





New!

Lee MIS Bunion Parallel Guide

Designed by Wonyong Lee, MD

Designed to facilitate MIS bunion correction, focusing on achieving the ideal parallel trajectory of two guide pins for 1st metatarsal screw fixation, with a beveled guide hole to help prevent pin slippage off the bone

PRODUCT NO:
3023
Overall Length: 6.375 (17.1 cm)
Top Tube Guide Length: 1.375" (3,5 cm)
Top Tube Hole Size: For 1,6 mm Pins
Lower Tube Guide Length: 2.375" (6 cm)
Lower Tube Hole Size: For 1,4 mm Pins
Distance Between Holes: 6 mm

USA MADE

ISO 13485:2016

INNOMED, INC
103 Estus Drive
Savannah, GA 31404

Tel 912.236.0000
Fax 912.236.7766

innomed.net
info@innomed.net

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

www.innomed-europe.com
orders@innomed-europe.com

Innomed-Europe GmbH
c/o Emons Logistik GmbH
In Rammelswiesen 9
D-78056 Villingen-Schwenningen, Germany
Tel 0049 (0) 7720 46110 60

www.innomed-europe.com
orders@innomed-europe.com

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