

INNOMED

ORTHOPEDIC INSTRUMENTS



JULY
2023



Mantis Screwdriver Distractor
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Kakar Carpal Tunnel Retractors
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Hand & Wrist Instruments

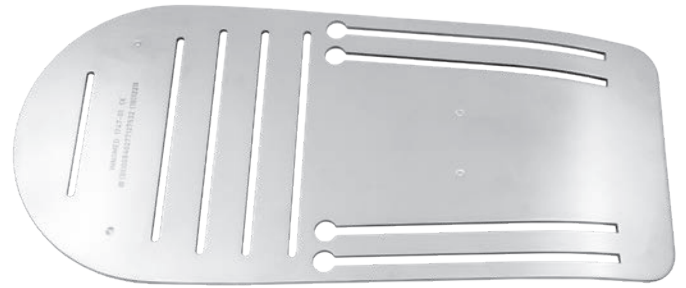
Auerbach Hand Positioner Set

Designed by David Auerbach MD

Designed to position and retract the skin for surgical exposures of the hand, wrist and forearm



Hand Plate



Hand Tray



Thumb Post



Thumb Post Clip



Cord Clips (7)



Retractors (4)



Wrist Strap Buckles (2)



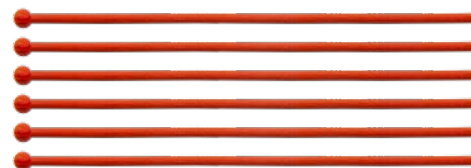
Suction Holder



Wrist Straps (2)



Cords (6)



PRODUCT NO'S:

1747-00 [Auerbach Hand Positioner Set]

Also available individually:

1747-01 [Hand Plate]
Dimensions: 15" x 7" (38,1 x 17,8 cm)

1747-02 [Hand Tray]
Dimensions: 13.75" x 9.75" (34,9 x 24,8 cm)

1747-03 [Thumb Post]

1747-03-C [Thumb Post Clip]

1747-04 [Cord Clip]
Seven (7) included in Set, One (1) with this product number.

1747-05 [Retractor]
Four (4) included in Set, One (1) with this product number.

1747-06 [Wrist Strap Buckle]
Two (2) included in Set, One (1) with this product number.

1747-07 [Wrist Strap]
Two (2) included in Set, One (1) with this product number.

1747-08-6 [Set of 6 Cords]

1747-09 [Suction Holder]



Thumb Post & Clip
Shown attached to plate

Suction Holder
Insert in any corner
to help remove blood
accumulating in tray

What's New In This Catalog?

a snapshot of all the *New!* instruments within



Chandran Distal Biceps Tissue Protector
Page 32



Mantis Screwdriver Distractor
Page 21

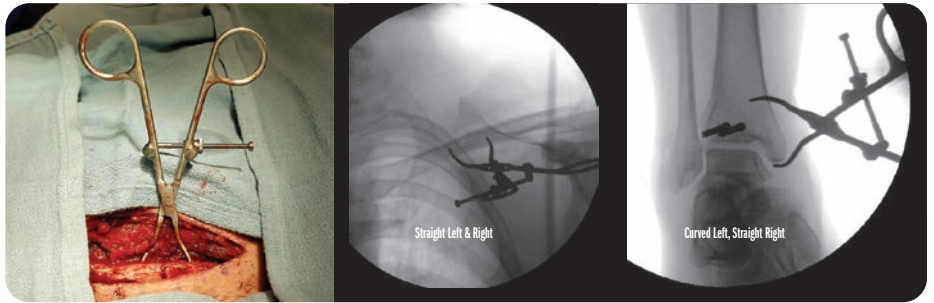


Roberts Pin Bending Cannula Set
Page 25

Pointed Fracture Reduction Clamps

Designed by Reza Firoozabadi, MD MA

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



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

PRODUCT NO.'S:

SMALL WITH SPEED LOCK MECHANISM

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)

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)

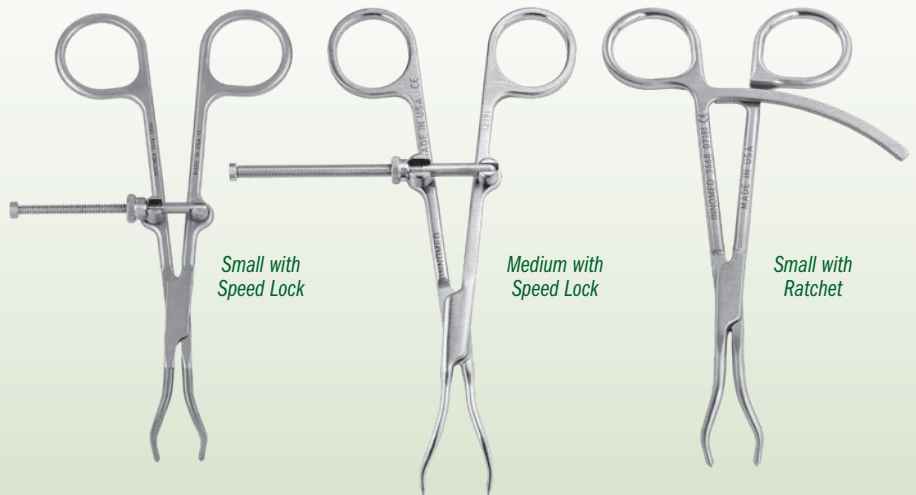
SMALL WITH RATCHET MECHANISM

3668 [Straight Left & Right]
Overall Length: 5.5" (14 cm)

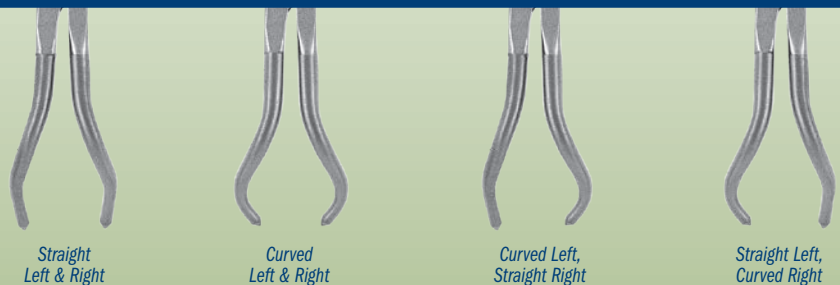
3669 [Curved Left & Right]
Overall Length: 5.5" (14 cm)

3668-L [Curved Left, Straight Right]
Overall Length: 5.5" (14 cm)

3668-R [Straight Left, Curved Right]
Overall Length: 5.5" (14 cm)



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





Faillace Extra Small Bone Clamp

Designed by John J. Faillace, MD

Delicate enough to use on metacarpals but strong enough for distal radius and larger bones with its extra long ratchet

PRODUCT NO:
1171
Overall Length: 5" (12,7 cm)
Jaw Length: 1" (2,5 cm)

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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



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
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SWITZERLAND

O'Brien Bone Clamp

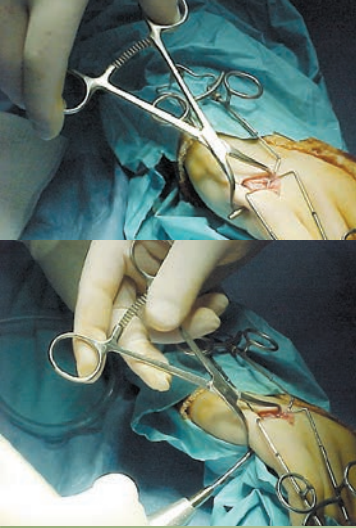
Designed by Todd O'Brien, DPM

Designed for use in stabilization of a fracture or osteotomy

PRODUCT NO:
1816
Overall Length: 5.25" (13,3 cm)

USA MADE





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)



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Three Tube Sizes Available

Designed by M.R. Redler, MD

Chang Pin Clamp

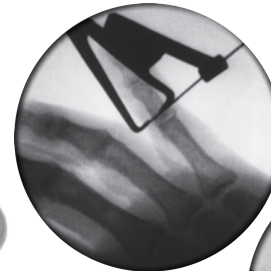
Designed by Win Chang, MD

Designed to allow accurate insertion of pins for internal fixation

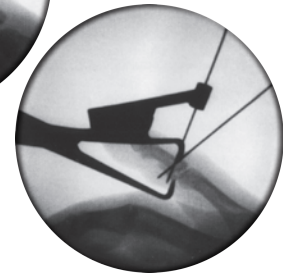
Used for small bones, the clamp allows accurate insertion of pins for internal fixation. The cannula has a 1.8 mm internal diameter.

PRODUCT NO:	
1760-01	
Cannula Internal Diameter:	1.8 mm
Overall Length:	6" (15,2 cm)
Locking Ratchet Opens To:	25 mm

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(Prototype used in X-ray images)



Lewin Small Bone Clamp

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

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

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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.

Redler Wrist Bone Clamp with Wire Guide

Designed by M.R. Redler, MD

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

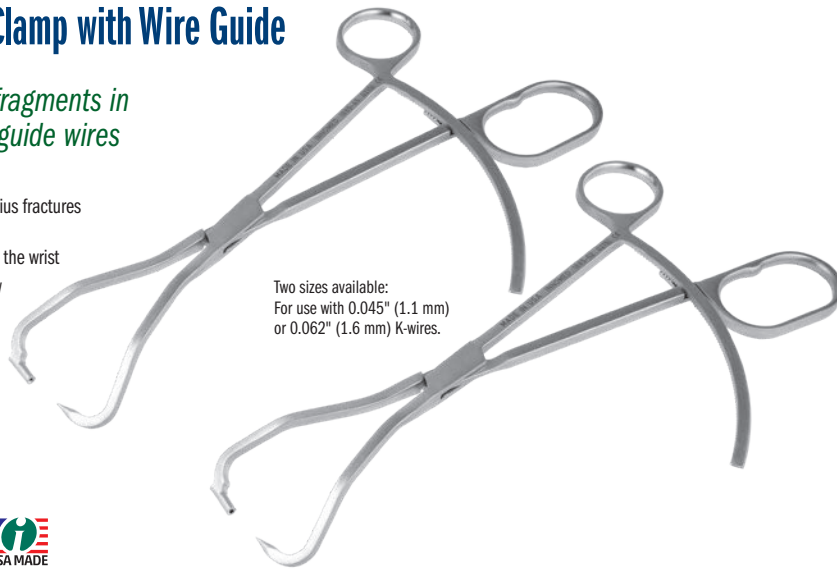
Can be used for:

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

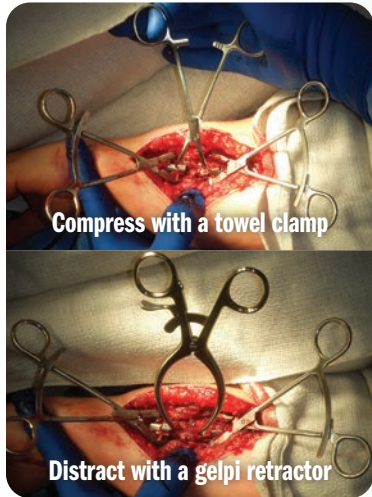
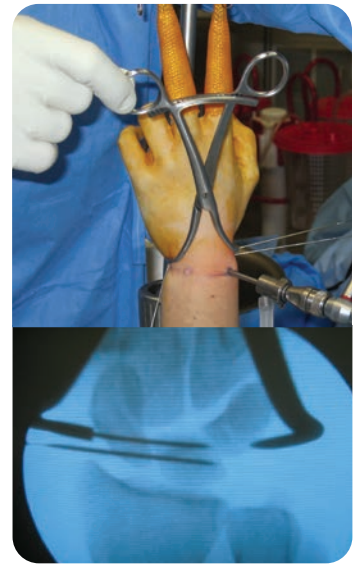
PRODUCT NO'S:

1885-45
For Pins up to .045" (1.1 mm)
Overall Length: 9.5" (24.1 cm)
Jaw opens to: 3.5" (8.9 cm)

1885-62
For Pins up to .062" (1.6 mm)
Overall Length: 9.5" (24.1 cm)
Jaw opens to: 3.5" (8.9 cm)



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



Compress with a towel clamp

Distract with a gelpi retractor

Stanton Articulating Small Bone Clamps

Designed by John L. Stanton, MD

Opposing clamps facilitate manipulation of fracture ends

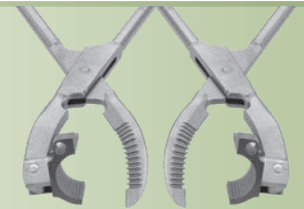
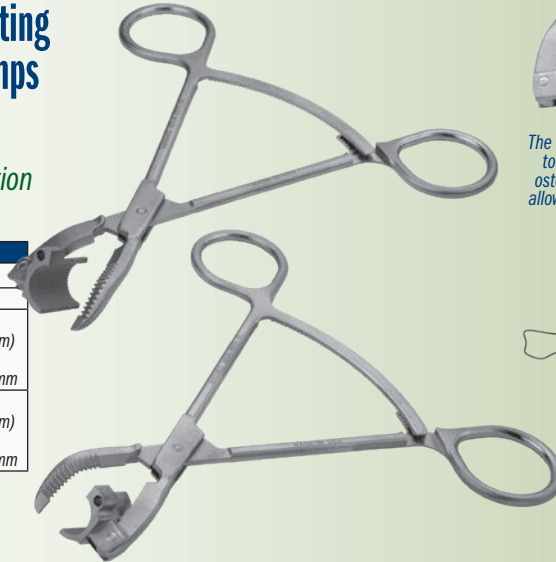
PRODUCT NO'S:

1811-00 [Set of Two]

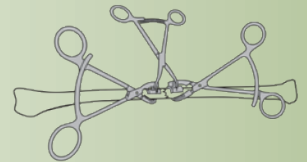
Also available individually:

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



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.



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)



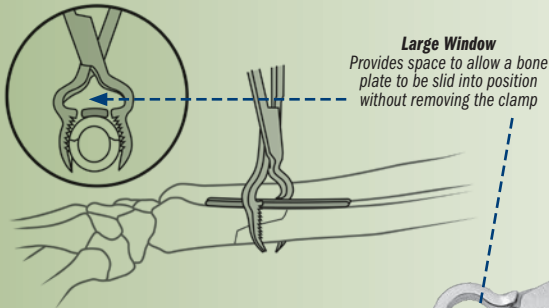
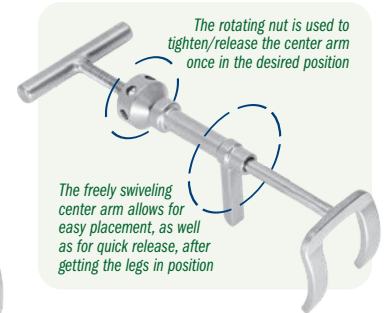
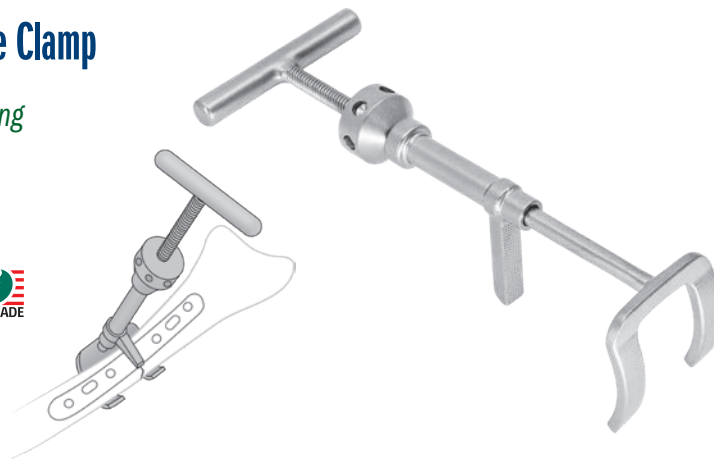
Chen Low Profile Plate/Bone Clamp

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: 4.5" (11,4 cm)
Prong Depth: 1" (2,5 cm)
End Prong Width: 6 mm 16 mm Gap 6 mm
Clamps from: .375" to 2.4" (1 to 6 cm)



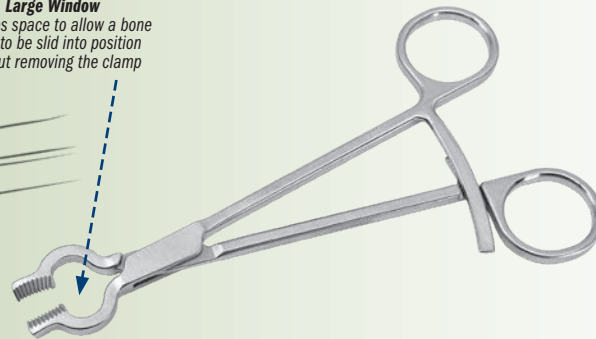
Durham Bone Reduction Clamp

Designed by Alfred A. Durham, MD

Allows application of a bone plate without removing the reduction clamp—designed for medium size bones such as the fibula, ulna, and radius

The wide window directly above the jaw provides space to allow a bone plate to be slid into position without removing the clamp.

PRODUCT NO:
3652
Overall Length: 7" (17,8 cm)

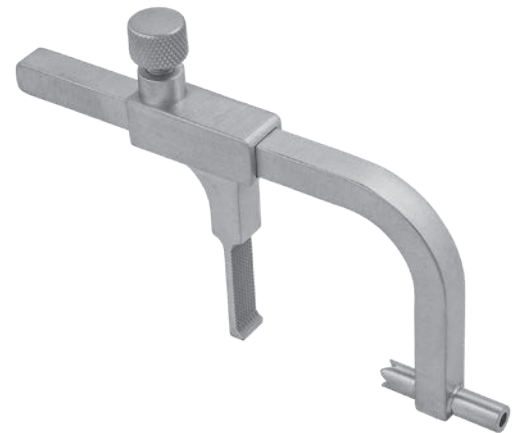


Mogul K-Wire/Pin Insertion Guide

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)



Argintar Claw Drill Guide Wire/Suture Passer

Designed by Evan Argintar MD

Expandable claw design allows for minimally invasive, reproducible one-step wire/suture passage

Especially helpful during applications where a suture will be passed—particularly when soft tissue dissection is to be minimized, such as wrist reconstruction (DRUJ), elbow reconstruction (ULCL/MCL), foot-ankle reconstruction (ATFL), quad/patella tendon repair surgery, and multi-ligament knee reconstruction (MCL/LCL).



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





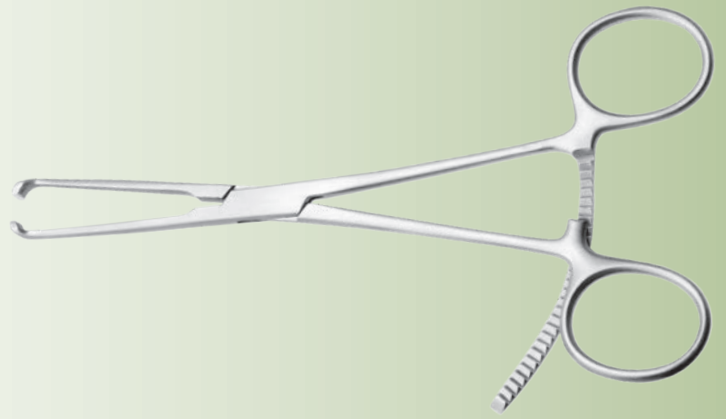
Resnick Allis Bone Clamp

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

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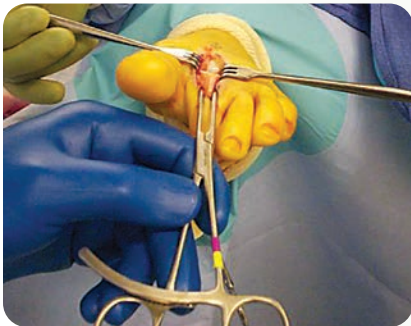


Coated Allis Bone Clamps

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
Non-coated-end Width: 4 mm
1382 [Two Coated Ends]
Overall Length: 6.125" (15,9 cm)
Ratcheted Clamp Opens to: 35 mm
Non-coated-end Width: 4 mm



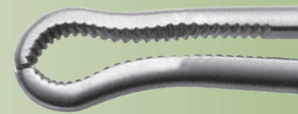
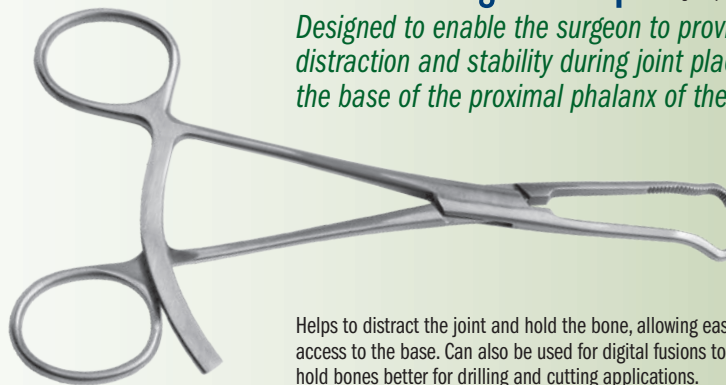
PRODUCT NO:
1163
Overall Length: 6" (15,2 cm)
Clamp Internal Opening Diameter: 4 mm

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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.

Rudisill Locking Small Bone Reduction Forcep

Designed by Ed Rudisill, MD

For reduction of hand phalanx and metacarpal fractures

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

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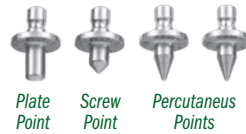


Ratcheting Reduction Clamp Kit

Designed by Michael Craig, OPA-C

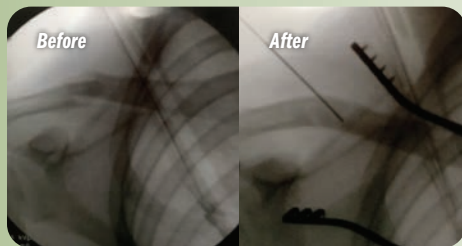
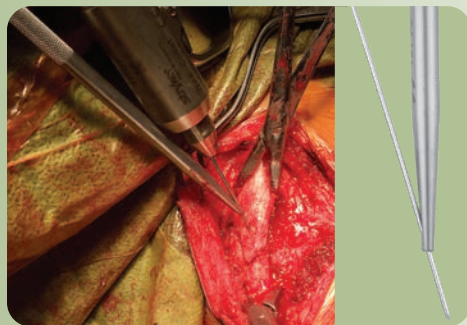
Designed as a soft tissue sparing fracture reduction clamp

PRODUCT NO'S:	
3840-00	[Clamp Kit]
Also available Individually:	
3840-02	[Plate Point] Overall Length: 1" (2,54 cm)
3840-03	[Screw Point] Overall Length: .875" (2,2 cm)
3840-04	[Percutaneous Point] 2 included in set, one with this product number Overall Length: 1" (2,54 cm)
3840-MA	[Ratcheting Reduction Mobile Arm with Ratchet Knob] Overall Length: 6.5" (16,5 cm)
3840-SA	[Ratcheting Reduction Stationary Arm] Overall Length: 10.5" (26,7 cm) Width: 9" (22,9 cm) Height: 6" (15,2 cm)



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

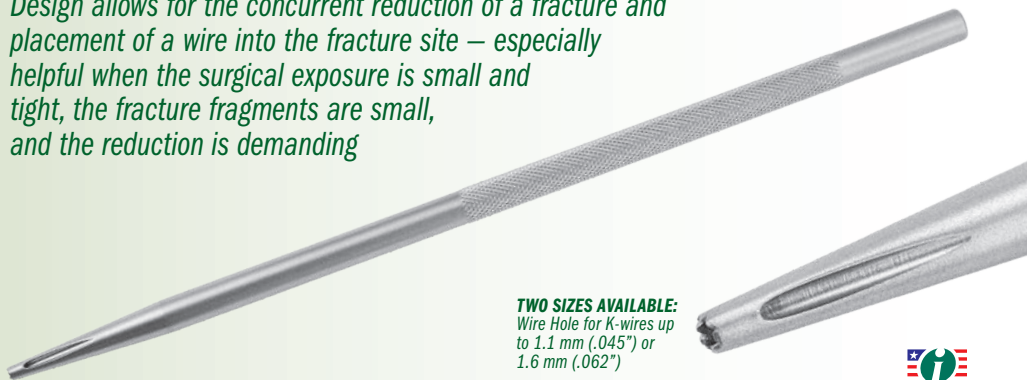
- ▶ High torque can help provide bone and joint reduction without squeezing surrounding tissues
- ▶ Swivel points are placed on the bone, plate, or screw and the ratcheting dial is turned to the desired torque, allowing hands free operation
- ▶ Swivel point design allows the clamp to be easily moved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



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")



- ▶ 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

Small Cannulated Ball Spike

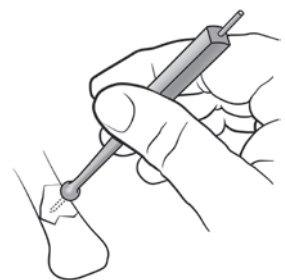
Designed by Benjamin C. Taylor, MD

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

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

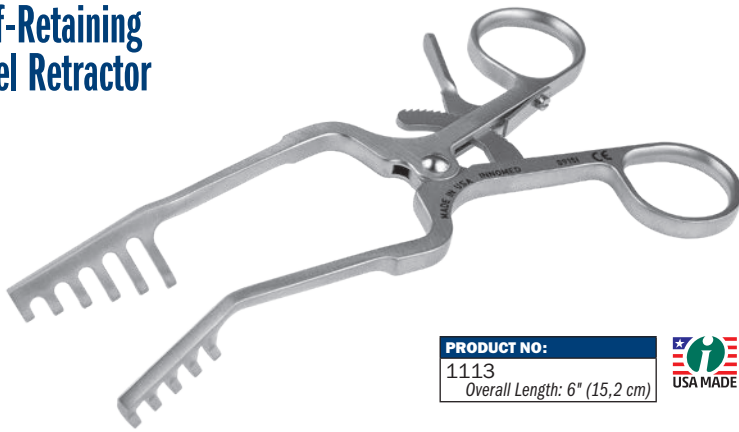


PRODUCT NO:	
8092	Overall Length: 4.5" (11,4 cm) Handle Length: 3" (7,6 cm) Ball Diameter: .275" (7 mm)

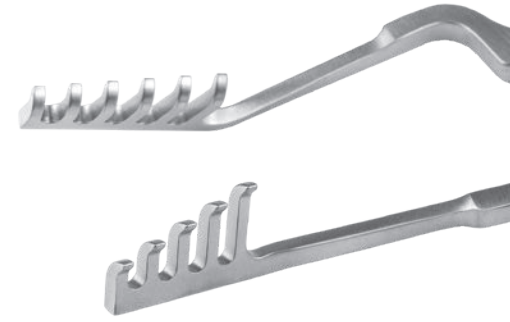


Holiday Self-Retaining Carpal Tunnel Retractor

Designed by Allan Holiday, MD



PRODUCT NO:
1113
Overall Length: 6" (15,2 cm)

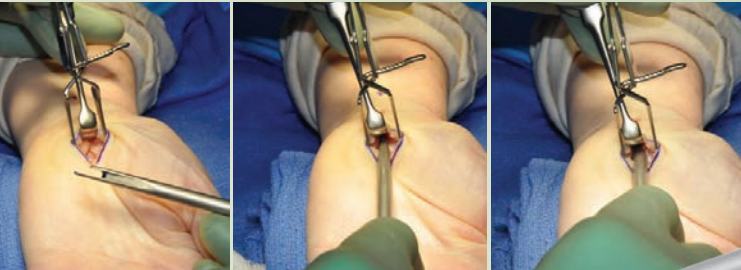
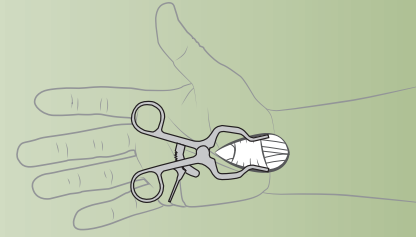


Burgess Carpal Tunnel Retractor

Designed by Craig Burgess, DO

Designed for exposure during carpal tunnel surgery

PRODUCT NO:
1887
Overall Length: 4.25" (10,8 cm)
Blade Length: 12 mm
Blade Depth: 8 mm



PRODUCT NO:
1150
Overall Length: 5" (12,7 cm)



Designed to use a Beaver-style Mini-Meniscus (Flat) 4 mm Blade. Blade not included.



Sleeve

Blade Advancer with Blade
(Blade not included)

Hagan Carpal Tunnel Release Sleeve

Designed by Hugh Hagan, MD

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

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

Evans Universal Carpal Tunnel Knife Guide

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

Allows for smooth advance of the blade or scissors to divide the transverse carpal ligament. Designed for a mini-open, non-endoscopic approach.

Designed by Peter J. Evans, MD, PhD

PRODUCT NO:
1128
Overall Length: 8" (20,3 cm)
Blade Guide Widths: 2 mm and 5 mm





Ditmars Carpal Tunnel Release Set

Designed by Donald M. Ditmars Jr., MD

Designed to help retract and provide access for carpal tunnel release operations



PRODUCT NO'S:

1132-00 [Carpal Tunnel Release Set with Case]

Also Available Individually:

1132-01 [Large Curved Release Retractor]

Overall Length: 5" (12,8 cm)

Handle Length: 3" (7,6 cm)

Inside Tube Diameter: 7,5 mm

1132-02 [Small Curved Release Retractor]

Overall Length: 4.75" (12 cm)

Handle Length: 3" (7,6 cm)

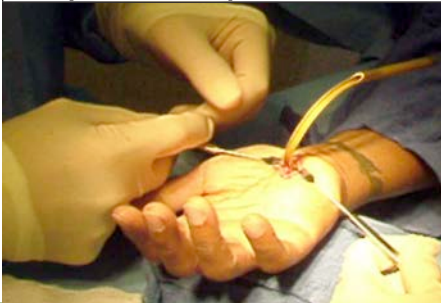
Inside Tube Diameter: 4 mm

1132-03 [Straight Carpal Tunnel Probe]

Overall Length: 7.5" (19,1 cm)

Handle Diameter: .25" (6,25 mm)

1025 [Sterilization Case]



Small Curved Release Retractor

Small retractor for initial use in carpal tunnel release operations
4 mm inside tube diameter



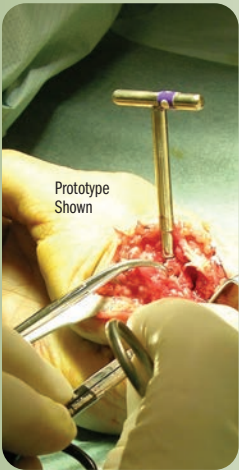
Large Curved Release Retractor

Retractor for carpal tunnel release operations
7,5 mm inside tube diameter



Straight Carpal Tunnel Probe

Probe to act as dilator to insert small retractor for carpal tunnel release operation

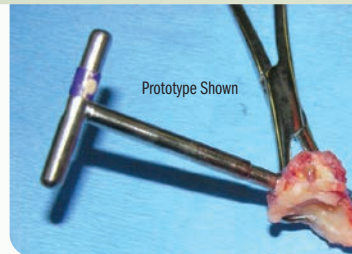
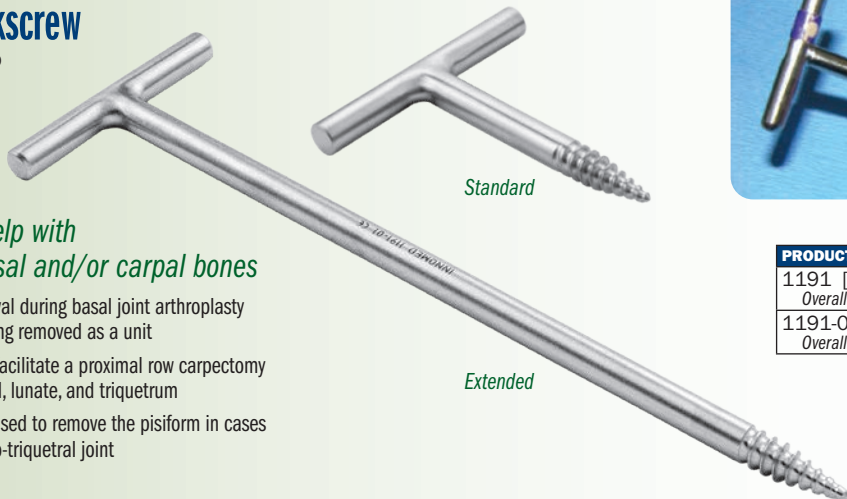


Lubahn Corkscrew

Designed by John D. Lubahn, MD

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

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



Prototype Shown

PRODUCT NO'S:

1191 [Standard]

Overall Length: 2.25" (5,7 cm)

1191-01 [Extended]

Overall Length: 6.5" (16,5 cm)



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.)

PRODUCT NO'S:

1615

Overall Length: 4" (10,2 cm)

Length Beyond Disc: 2.25" (5,7 cm)

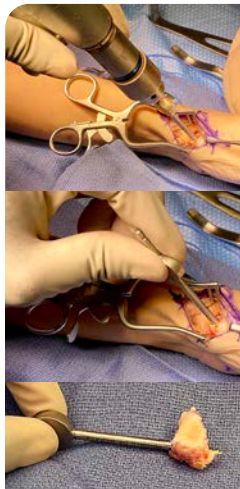
Length Beyond Line: .625" (1,6 cm)

Corkscrew Length: .375" (1 cm)

Optional:

S0113 [Universal Handle]

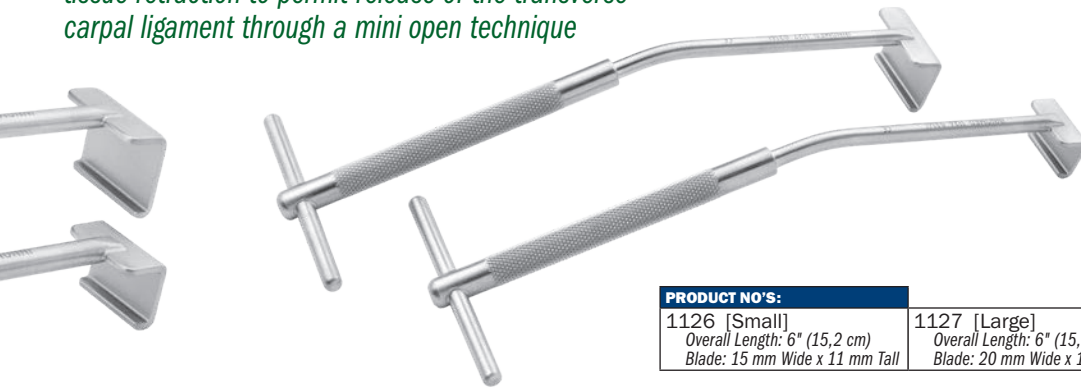
Overall Length: 4" (10,2 cm)



Kakar Carpal Tunnel Retractors

Designed by Sanj Kakar, MD

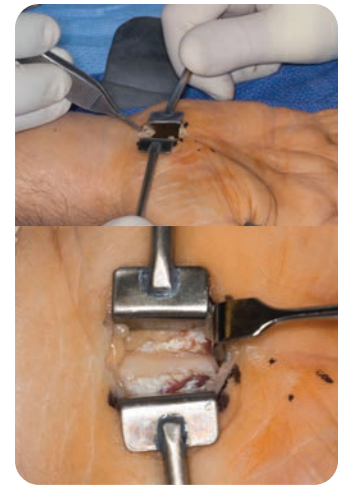
Designed for maximum ergonomic positioning and soft tissue retraction to permit release of the transverse carpal ligament through a mini open technique



PRODUCT NO'S:

1126 [Small]
Overall Length: 6" (15,2 cm)
Blade: 15 mm Wide x 11 mm Tall

1127 [Large]
Overall Length: 6" (15,2 cm)
Blade: 20 mm Wide x 15 mm Tall



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

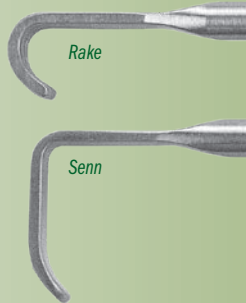
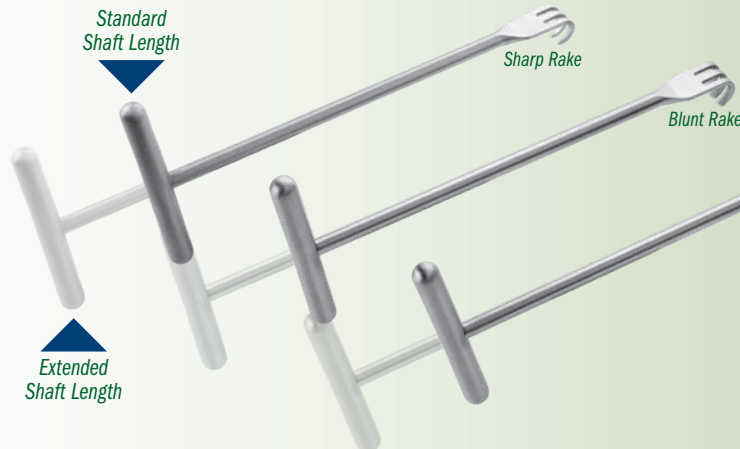
1162-01 [Extended Senn]
Overall Length: 5.625" (14,4 cm)
Blade Width: 6 mm
Blade Depth: 16 mm



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



Hand/Finger Positioner

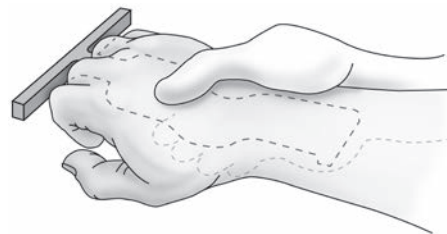
Designed by Emad Aboujaoude, MS, MPAS, PA-C

Designed to help provide surgical positioning during fluoroscopy and fixation by isolating the operative digit while retracting the unaffected digits

Radiolucent positioner can be steam or gas sterilized.

PRODUCT NO:

1134
Overall Length: 5.75" (14,6 cm)
Handle Width: 4.25" (10,8 cm)
Blade Width: 1.6" (4 cm)



Uses include but not limited to:

- ▶ Intramedullary Metacarpal Screw
- ▶ Phalanges CRPP
- ▶ Digit Amputation
- ▶ Digit Mass Excision
- ▶ Finger Joint Fusion

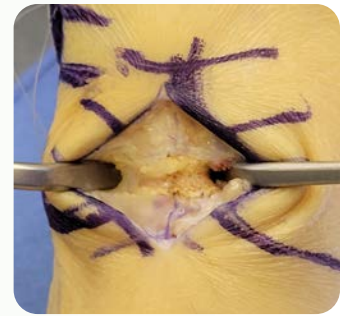


Swanson Elevator

Designed by Richard Ferkel, MD

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

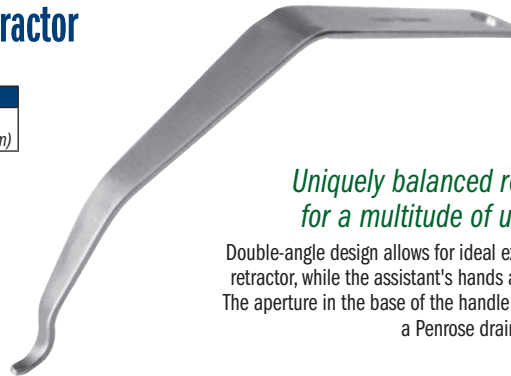
PRODUCT NO:
1644
Overall Length: 6.375" (16,2 cm)
Blade Depth: .75" (1,9 cm)



J.B. Redler Retractor

Designed by M.R. Redler, MD

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



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

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

Modified Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Used for small bone surgery



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



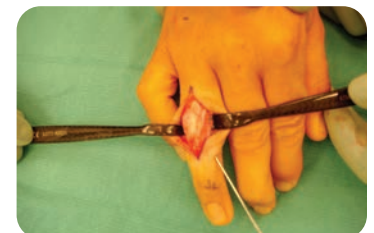
OrthoLucent™ Mini Hohmann Retractors

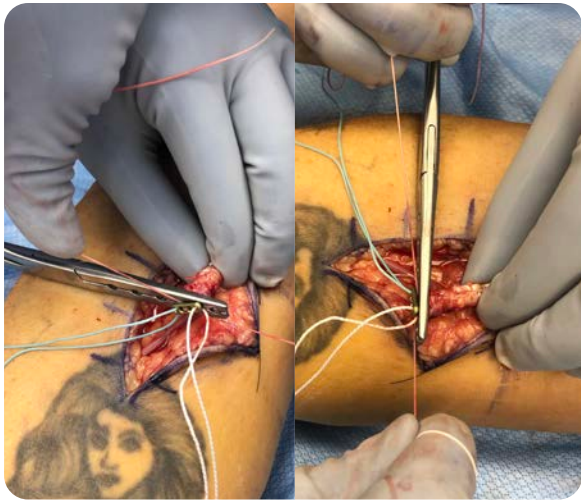
Designed by Jeffrey Lawton, MD

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

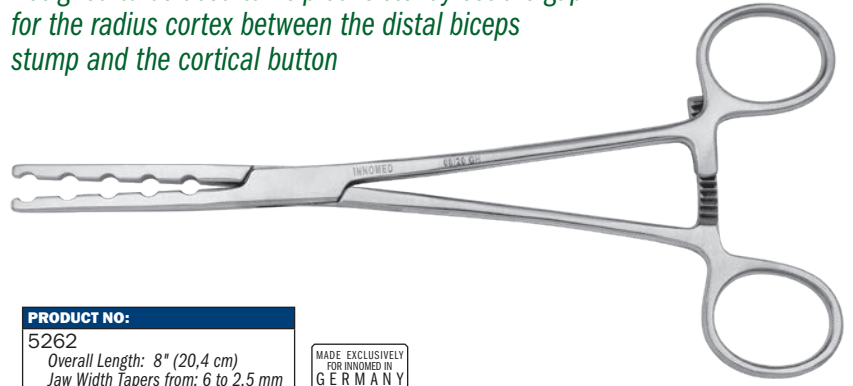




Gap Clamp for Cortical Button Distal Bicep Repair

Designed by Corey Trease, MD

Designed to be used to help consistently set the gap for the radius cortex between the distal biceps stump and the cortical button



PRODUCT NO:
5262
Overall Length: 8" (20,4 cm)
Jaw Width Tapers from: 6 to 2.5 mm

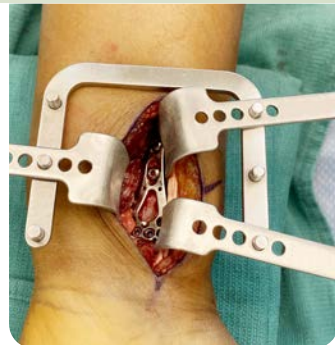
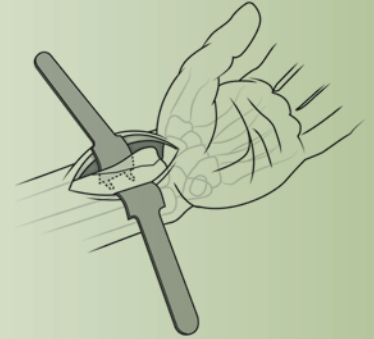
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GERMANY

Beard Distal Radius Wide Hohmann Retractor

Designed by David Beard, MD

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

PRODUCT NO:
5837-01
Overall Length: 5.375" (13,7 cm)
Blade Width: 1" (25 mm)

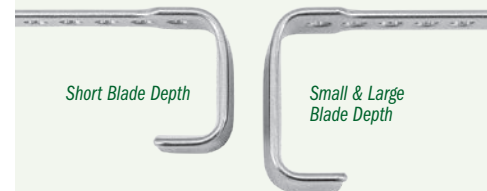


Lawton Distal Radius Mini Frame & Blade Set

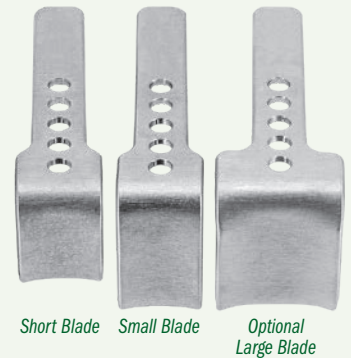
Designed by Jeffrey Lawton, MD

Designed for self-retaining exposure for distal radius and other small bone fractures

PRODUCT NO:
1578-00 [Set]
Set Includes / Available Individually:
1578-01 [Mini Frame] Dimensions: 3" x 2.5" (7,6 x 6,4 cm)
1578-02 [Mini Short Blade] (2) included in set, (1) with this product number Overall Length: 2.5" (6,4 cm) Blade Width: .625" (16 mm) Blade Depth: .875" (22 mm)
1578-03 [Mini Small Blade] (2) included in set, (1) with this product number Overall Length: 2.625" (6,7 cm) Blade Width: .625" (16 mm) Blade Depth: 1.125" (29 mm)
Optional Blade / Not Included In Set:
1578-04 [Mini Large Blade] Overall Length: 2.5" (6,4 cm) Blade Width: .935" (24 mm) Blade Depth: 1.125" (29 mm)



Set includes: (1) Frame,
(2) Short Blades, (2) Small Blades.
Optional Large Blade available separately.



Chandran Distal Biceps Tissue Protector

Designed by Rama E. Chandran, MD

Designed to help protect tissue and expose the radial tuberosity during distal biceps tendon repair

Using downward pressure, the teeth help to engage bone to keep the protector in place.



PRODUCT NO:
3224
Overall Length: 8" (20,3 cm)
Handle Length: 5.5" (14 cm)
Blade Depth: 1.7" (4,3 cm)
Blade Width: .65" (1,7 cm)



New!

Helps to protect tissue and expose the radial tuberosity during distal biceps tendon repair

Also useful to help expose the humerus during proximal subpectoral biceps repair

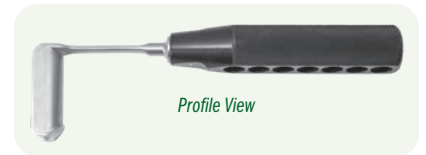


Vaughan Distal Bicep Tendon Repair Retractor

Designed by Roderick A. Vaughan, MD

Designed to retract in a continuous way in three directions, helping to prevent the surrounding vital structures from entering the field while drilling or performing the repair work

PRODUCT NO:
3223
Overall Length: 8.375" (21,3 cm)
Handle Length: 5.25" (13,3 cm)
Depth: 2" (5,1 cm)



Beard Distal Bicep Retractor

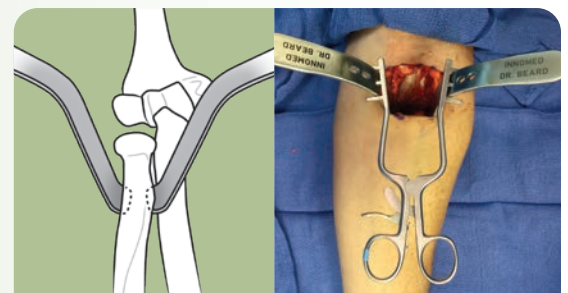
Designed by David Beard, MD

Designed to help optimize surgical exposure during anterior single incision distal biceps tendon reinsertion

The blade design features an anatomically contoured distal end to hug the radius cortex. The smooth distal end helps to avoid deep penetration, and the width matches the width of the distal biceps tendon insertion site. The narrow curved handle design helps to optimize workspace and visualization.



PRODUCT NO'S:
5834-00 [Set - Retractor & Two Blades]
Available Individually:
5834-01 [Blade]
(1) blade with this product number, (2) Included in Set
Overall Length: 6.375" (16,2 cm)
Width: .625" (16 mm)
5834-02 [Self-retaining Retractor]
Overall Length: 7.5" (19,1 cm)

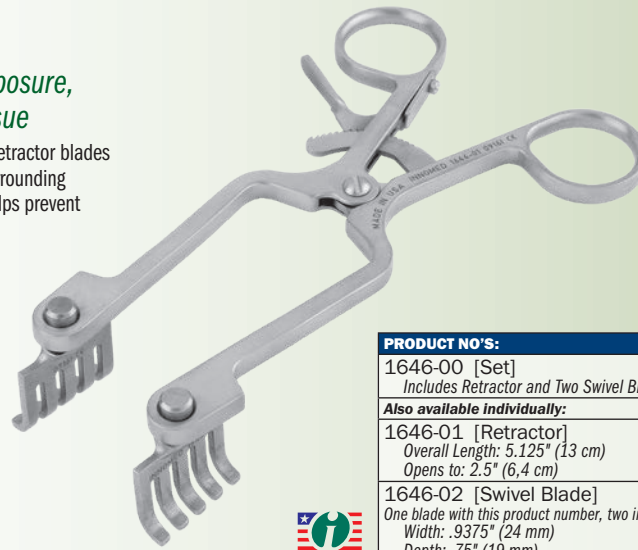
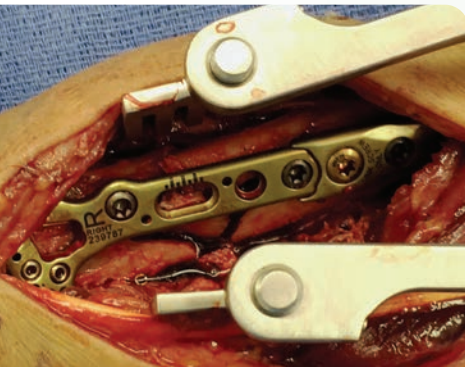


Wurapa Swivel Blade Retractor

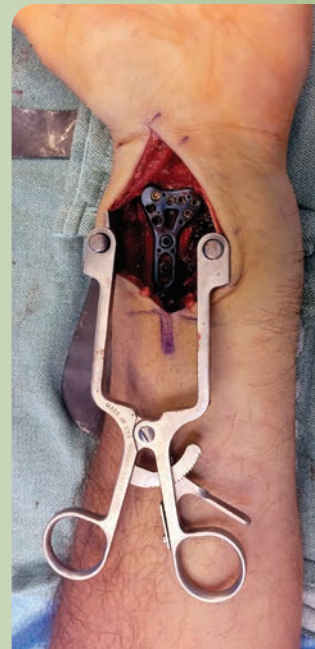
Designed by Raymond Wurapa, MD

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

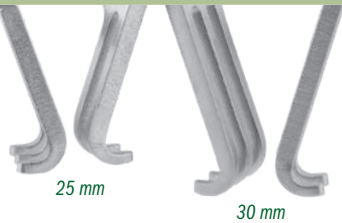
Swivel-blade technology helps to allow parallel deployment of retractor blades to maximize wound exposure and minimize edge loading on surrounding soft tissues. Parallel deployment of the retractor blades also helps prevent rotation and migration of the retractor during a procedure.



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



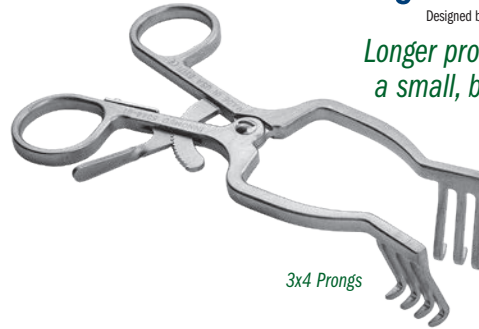
Prong lengths of 25 mm and 30 mm available with either sharp or blunt tips



Chung Weitlaner Retractors

Designed by Raymond Chung, MD

Longer prongs allow use in a small, but deep wound



3x4 Prongs



3x2 Prongs

PRODUCT NO'S:	
3x4 Prongs – Blunt Tips	3x4 Prongs – Sharp Tips
5065-01 [25 mm] Blade Depth: 25 mm Overall Length: 4.5" (11.4 cm)	5066-01 [25 mm] Blade Depth: 25 mm Overall Length: 4.5" (11.4 cm)
5067-01 [30 mm] Blade Depth: 30 mm Overall Length: 4.5" (11.4 cm)	5068-01 [30 mm] Blade Depth: 30 mm Overall Length: 4.5" (11.4 cm)



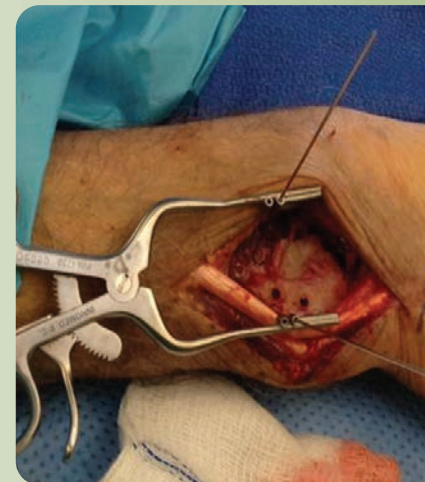
PRODUCT NO'S:	
2x3 Prongs – Blunt Tips	2x3 Prongs – Sharp Tips
5065 [25 mm] Blade Depth: 25 mm Overall Length: 4.5" (11.4 cm)	5066 [25 mm] Blade Depth: 25 mm Overall Length: 4.5" (11.4 cm)
5067 [30 mm] Blade Depth: 30 mm Overall Length: 4.5" (11.4 cm)	5068 [30 mm] Blade Depth: 30 mm Overall Length: 4.5" (11.4 cm)

Williams Distal Radius Fracture Retractor

Designed by Craig S. Williams, MD and Eric Dahlinger

Designed to provide excellent exposure during fracture reduction and plating

PRODUCT NO'S:	
1837-L [Left]	For Pins up to .045" (1.1 mm) Overall Length: 4.5" (11.4 cm) Blade Depth: 20 mm Blade Width: 12.5 mm
1837-R [Right]	For Pins up to .045" (1.1 mm) Overall Length: 4.5" (11.4 cm) Blade Depth: 20 mm Blade Width: 12.5 mm

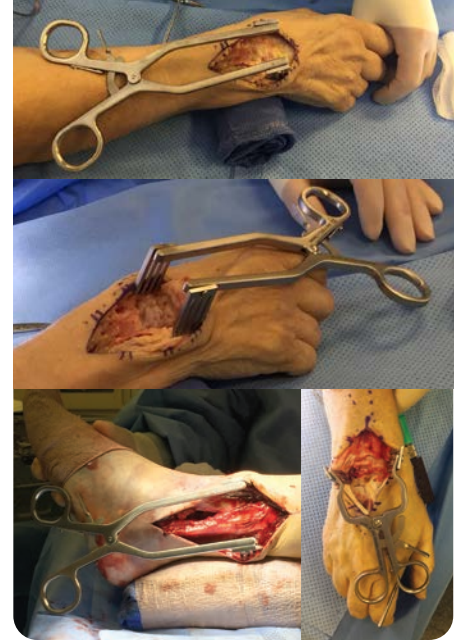


Faillace Ambidextrous Self-Retaining Retractor

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



Weinraub Joint and Calcaneal Spreader

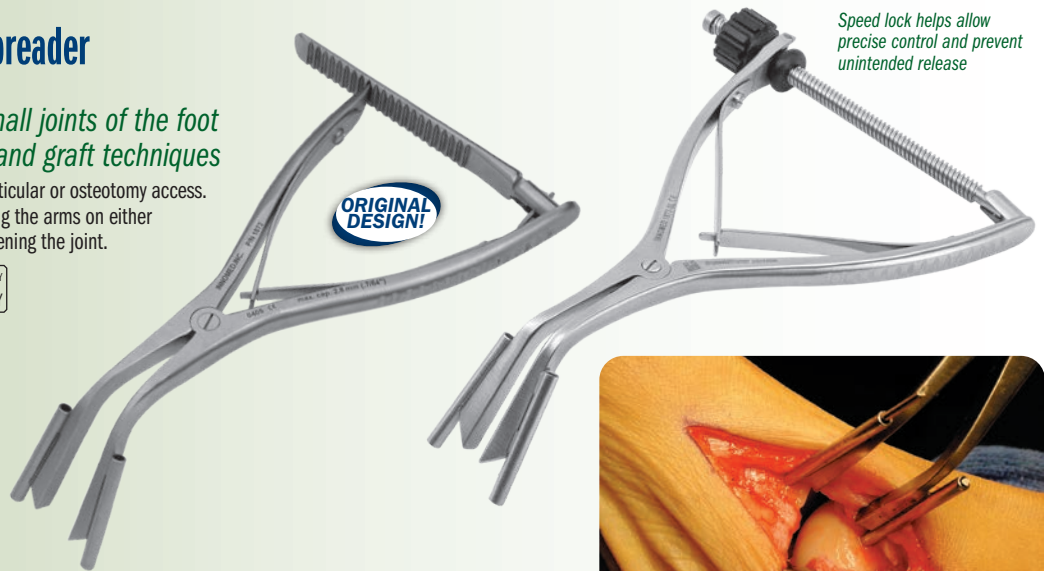
Designed by Glenn M. Weinraub DPM, FACFAS

Designed to assist in the opening of small joints of the foot and hand for the application of fusion and graft techniques

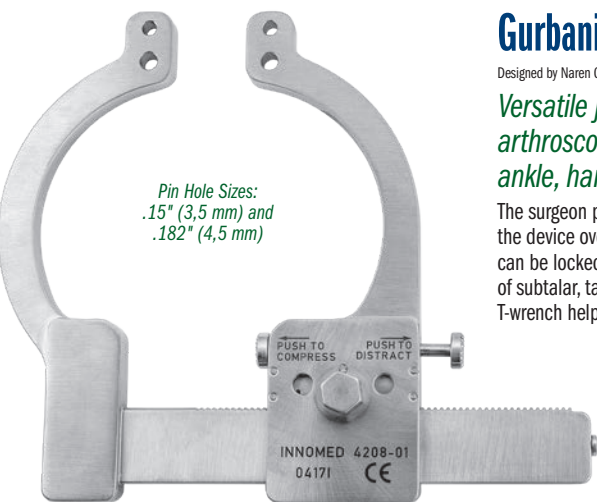
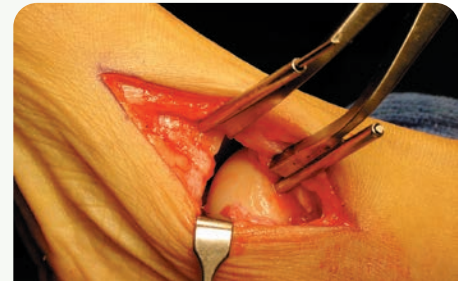
Provides excellent joint exposure without blocking intraarticular or osteotomy access. Helps prevent slippage or falling out of the joint by placing the arms on either side of the area to be distracted, driving two pins and opening the joint.

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

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Speed lock helps allow precise control and prevent unintended release



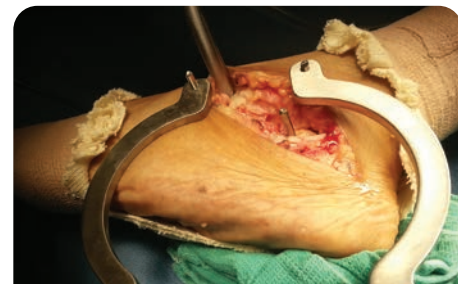
Pin Hole Sizes:
.15" (3,5 mm) and
.182" (4,5 mm)

Gurbani Joint Distractor/Compressor

Designed by Naren G. Gurbani, MD

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

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



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



Monaco Small Space Retractor

Designed modified by Spencer Monaco, DPM, FACFAS

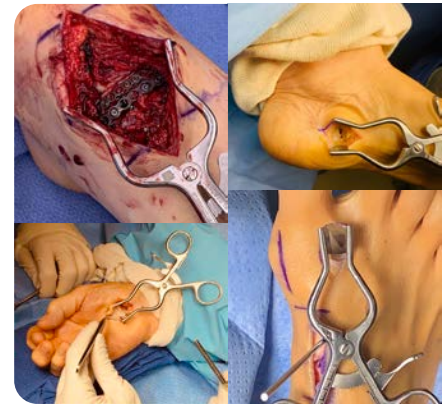
Designed to retract adipose tissue and surrounding soft tissue structures through a small incision for open plantar fasciotomies, neuroma excisions and the lateral release during bunion surgery

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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Wilson Trigger Finger Retractor

Designed by Ralph V. Wilson, MD

PRODUCT NO:

1884
 Overall Length: 4.25" (10,8 cm)
 Blades: 6.5 mm Wide x 10 mm Deep

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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



Hendren Neuroma Retractor

Designed by Douglas H. Hendren, MD

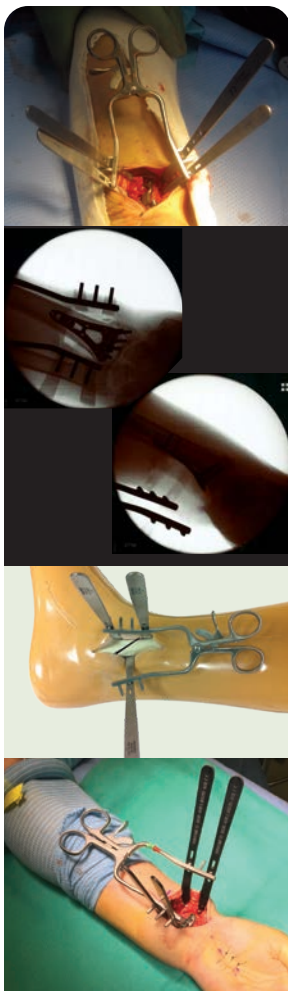
Narrow tines are delicate on tissue, but sturdy enough to retract bone

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

PRODUCT NO'S:

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

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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.

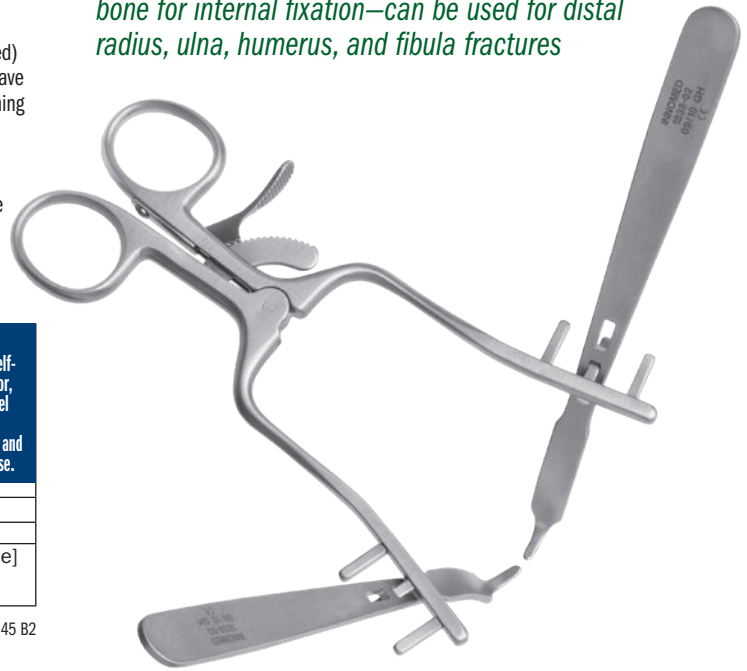
PRODUCT NO'S:	Set consists of one ratcheting self-retaining retractor, two stainless steel mini-hohmann retractor blades, and a sterilization case.
1838-00 [Set]	
Replacement Parts:	
1838-01 [Retractor Only]	
Overall Length: 5.5" (14 cm)	
1838-02 [Blade Only - One]	
Overall Length: 5.25" (13.3 cm)	
Blade Width: 3/8" (9 mm)	
1025 [Sterilization Case Only]	
Optional Parts - Not Included In Set:	
1838-02R* [Radiolucent Blade Only - One]	
Overall Length: 5.25" (13.3 cm)	
Blade Width: 3/8" (9 mm)	

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MADE EXCLUSIVELY FOR INNOVIMED 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, lightweight carbon fiber PEEK composite material, which is completely radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.



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

USA MADE

MADE EXCLUSIVELY FOR INNOVIMED IN GERMANY

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



Ortho Self-Retaining Retractor with Pin Guides

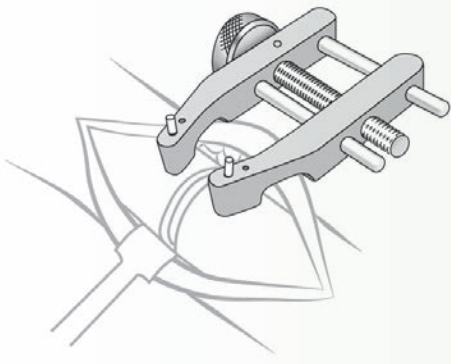
Designed by Sean Dunn, DPM

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)

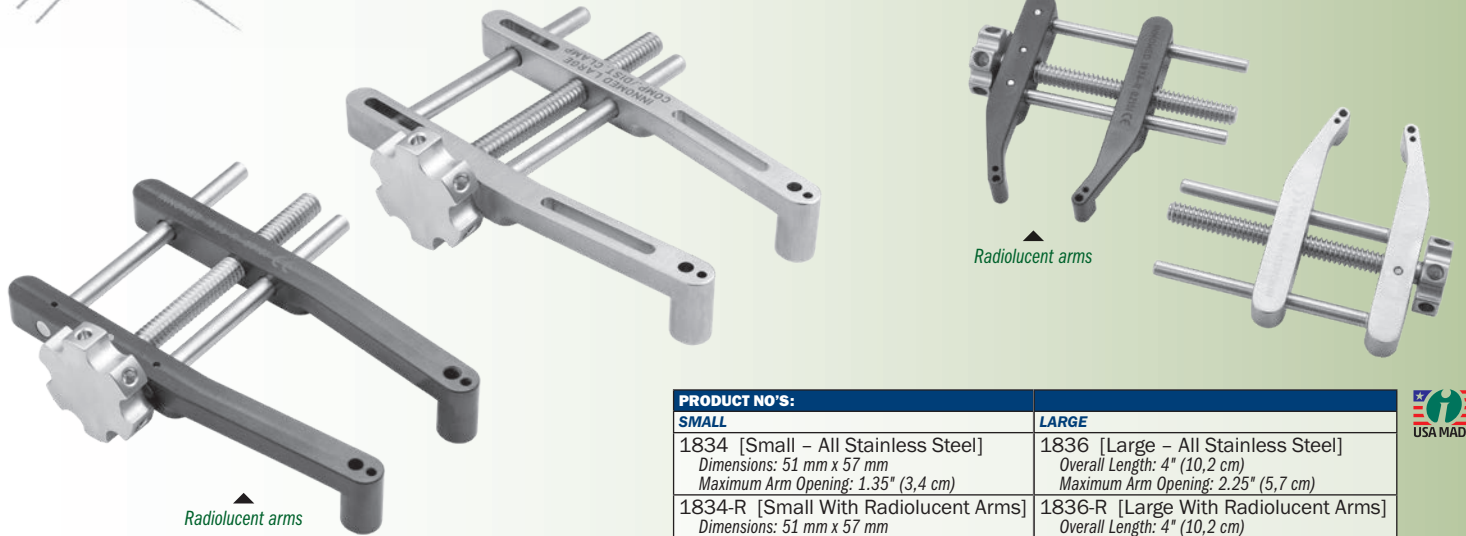
USA MADE



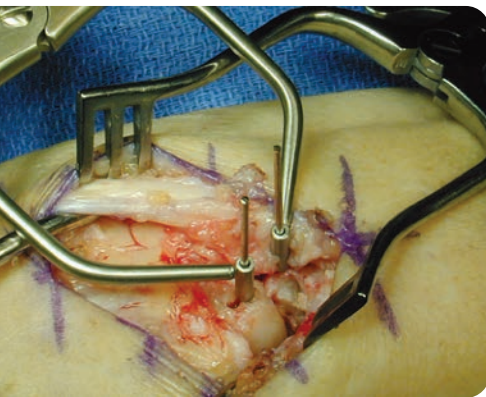
HFD Compressor/Distractor

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

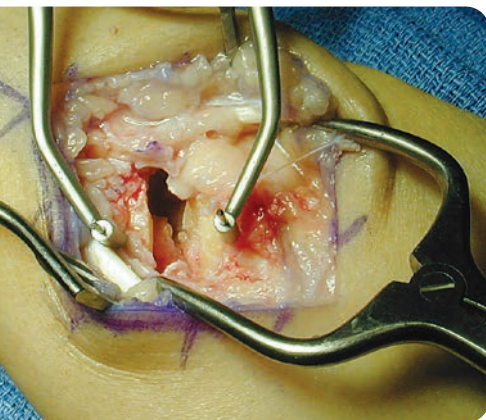
- ▶ A .125" (3,2 mm) pin can be used in the holes of the thumbwheel for leverage
- ▶ Small: Two hole sizes allow for ease of pin size selection: .045" (1,1 mm) & .062" (1,6 mm)
- ▶ Large: Two hole sizes allow for ease of pin size selection: .082" (2,0 mm) & .125" (3,2 mm)
- ▶ Radiolucent arms are a steam sterilizable PEEK/Carbon Fiber composite



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



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



Wurapa Small Joint Compressor and Distractor

Designed by Raymond K. Wurapa, MD

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

Available with two hole sizes on each instrument!



PRODUCT NO'S:	
DOUBLE HOLES: .045" (1,1 mm) & .062" (1,6 mm)	
1751 [Compressor] Compresses From: 28 mm Overall Length: 4.625" (11,7 cm)	
1752* [Distractor] Distracts to: 46 mm Overall Length: 4.625" (11,7 cm)	
SINGLE HOLE: .045" (1,1 mm) Hole	
1753 [Compressor] Compresses From: 28 mm Overall Length: 4.5" (11,4 cm)	
1754 [Distractor] Distracts to: 46 mm Overall Length: 4.5" (11,4 cm)	

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)



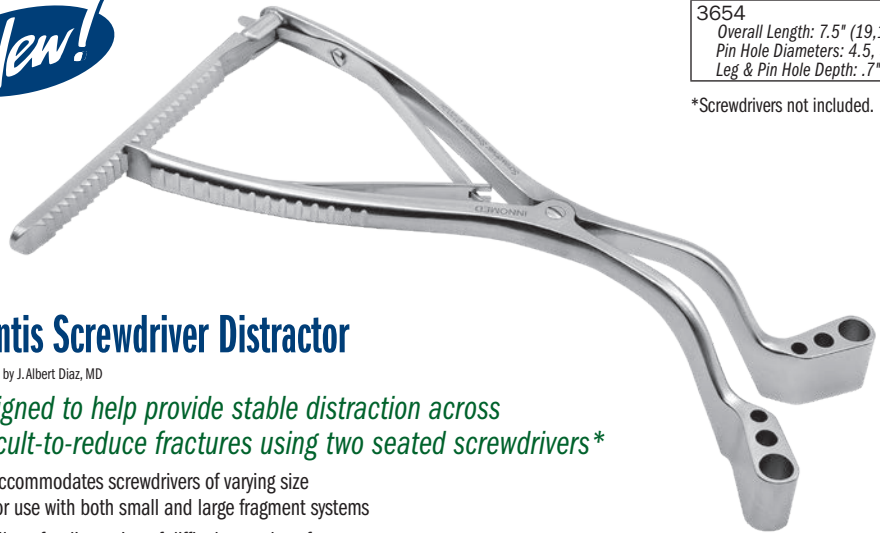


New!

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)

*Screwdrivers not included.

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Mantis Screwdriver Distractor

Designed by J. Albert Diaz, MD

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

- ▶ 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

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

Two hole sizes for ease of pin size selection: .062" (1,6 mm) & .094" (2,4 mm)

PRODUCT NO'S:	
CLOSED ARMS	
4210-XSD [Extra Small]	Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins
Overall Length: 4.25" (10,8 cm)	
CLOSED ARMS WITH SPEED LOCK	
4216-XS [Extra Small]	Holes Diameters: For .062" & .094" (1,6 & 2,4 mm) K-wire Pins
Overall Length: 4.5" (11,4 cm)	



Speed lock helps allow precise control and prevents unintended release

EXTRA SMALL

EXTRA SMALL WITH SPEED LOCK

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)



EXTRA SMALL

SMALL



Desai Curette Osteotomes

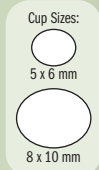
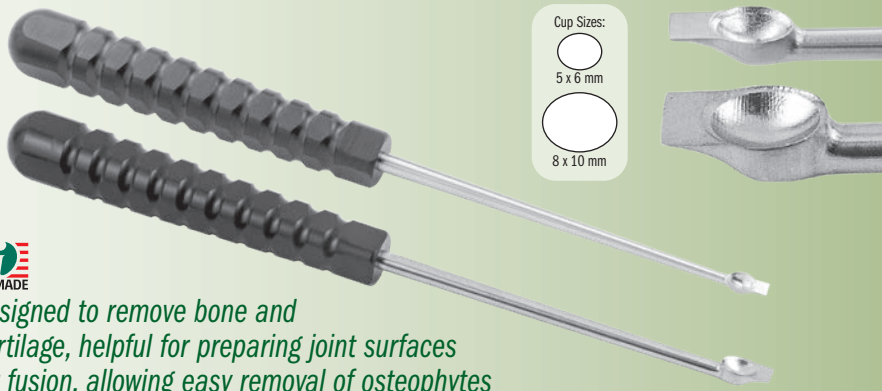
Designed by Sarang Desai, DO

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

PRODUCT NO'S:	
5241 [5 x 6 mm]	Overall Length: 8.25" (21 cm) Osteotome Width: 3.5 mm Osteotome Length: 3.5 mm from edge of cup
5242 [8 x 10 mm]	Overall Length: 8.25" (21 cm) Osteotome Width: 6.5 mm Osteotome Length: 3 mm from edge of cup



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

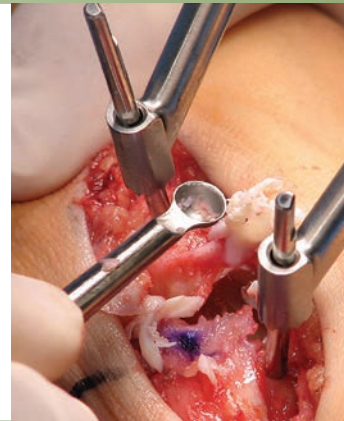


Hemisphere Curettes

Designed by Richard Wittcock, DPM and Rob Baglio, DPM

Designed for small joint surgery

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



Ring Curettes



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

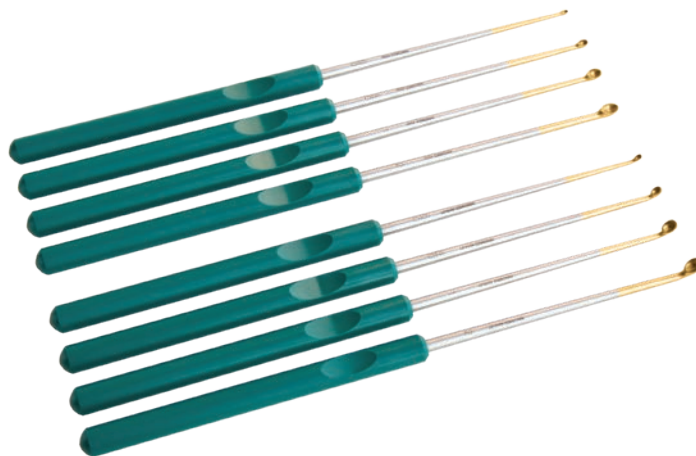


PRODUCT NO'S:		MADE FOR INNOMED IN GERMANY	
Bent Shaft Overall Length: 8.625" (21,9 cm)			
5156 [3 mm, Bent]	5157 [6 mm, Bent]	5158 [8 mm, Bent]	
Ring Diameter: 3 mm	Ring Diameter: 6 mm	Ring Diameter: 8 mm	



Micro Curettes

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



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



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	MADE EXCLUSIVELY FOR INNOMED IN GERMANY
1169-5 [5 mm Offset Chisel] Overall Length: 6.25" (15,9 cm) Chisel Width: 5 mm	

Ortho Mini Chisels

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



5 mm Offset Chisel Shown

4 mm Straight Chisel Shown

Ortho Mini Gouges

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



5 mm Gouge Shown

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

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)

MADE FOR INNOMED IN
GERMANY

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)	USA MADE
5078-01 [Long] Overall Length: 13.375" (34 cm) Handle Length: 6" (15,2 cm)	



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.



Fracture Reduction Pick

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

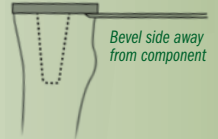
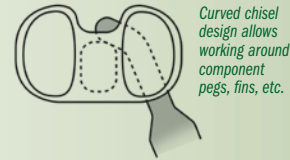
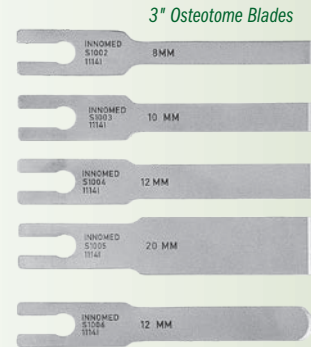
PRODUCT NO:
S0129
Overall Length: 6.25" (15,9 cm)



Flexible Osteotome Instruments

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

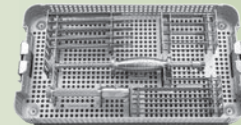
- ▶ Sharp, flexible blades are well suited for loosening implants from cement or bony ingrowth fixation
- ▶ Various blade widths and profiles allow great flexibility to follow the implant contours
- ▶ Modular handle is made of high impact surgical stainless steel and has a quick-coupling positive locking 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.



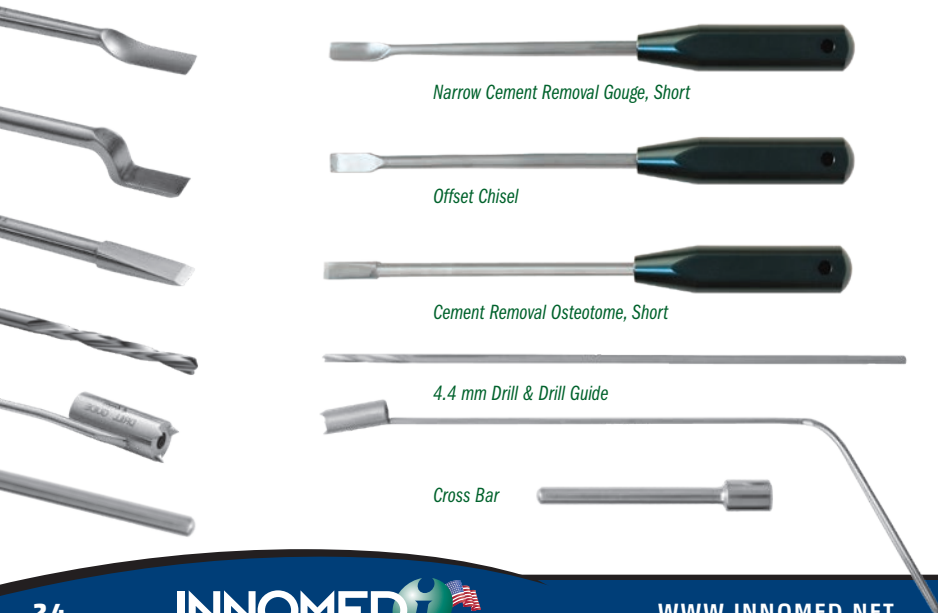
PRODUCT NO'S:	
<i>Individual Instruments Available Separately</i>	
S1002	[Osteotome Blade] 3" (7,6 cm) x 8 mm
S1003	[Osteotome Blade] 3" (7,6 cm) x 10 mm
S1004	[Osteotome Blade] 3" (7,6 cm) x 12 mm
S1005	[Osteotome Blade] 3" (7,6 cm) x 20 mm
S1006	[Curved Osteotome Blade] 3" (7,6 cm) x 12 mm
S1020	[Handle with Quick-Coupling End] 6" (15,2 cm)
S1021	[Handle with Locking Nut] 6" (15,2 cm)
S1020-SP	[Strike Plate for Handle] Diameter 1.625" (4,1 cm)
S1222	[Chisel Blade] 2.5" (6,4 cm) x 8 mm
S1223	[Chisel Blade] 2.5" (6,4 cm) x 10 mm
S1224	[Chisel Blade] 2.5" (6,4 cm) x 12 mm
S1225	[Chisel Blade] 2.5" (6,4 cm) x 20 mm
S1228	[Chisel Blade] 5" (12,7 cm) x 10 mm
S1233-L	[Left Curved Chisel Blade] 1.5" (3,8 cm) x 8 mm
S1233-R	[Right Curved Chisel Blade] 1.5" (3,8 cm) x 8 mm
S2007	[Slap Hammer] 12" (30,5 cm)



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



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



Narrow Cement Removal Gouge, Short

Offset Chisel

Cement Removal Osteotome, Short

4.4 mm Drill & Drill Guide

Cross Bar

Mueller-Type Cement Removal Instruments

Useful for cement removal in the ankle

Also helpful in hip, knee, and shoulder surgery.

PRODUCT NO'S:
Individual Instruments Available Separately

S7505	[Narrow Cement Removal Gouge, Short] Shaft Length: 10 cm Gouge: 9 mm, negative
S7520	[Offset Chisel] Shaft Length: 15 cm Chisel: 9 mm
S7595	[Cement Removal Osteotome, Short] Shaft Length: 15 cm Osteotome: 8 mm
S7540	[4.4 mm Drill]
S7545	[4.4 mm Drill Guide]
S7570	[Cross Bar]



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



Extended Drill Sleeves

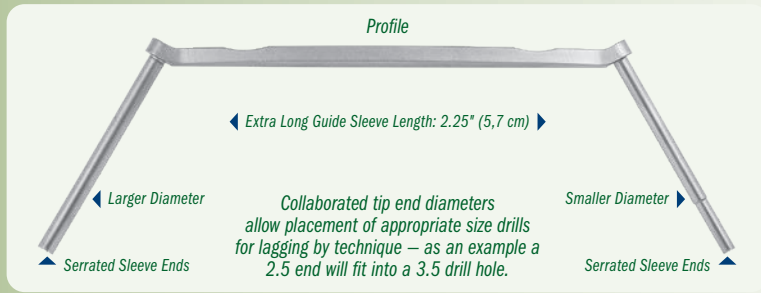
Designed by Reza Firoozabadi, MD

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

2.4/1.8 mm

2.7/2.0 mm

3.5/2.5 mm



- ▶ 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 Three]

Set Includes / Available Separately:

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°



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.



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

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)

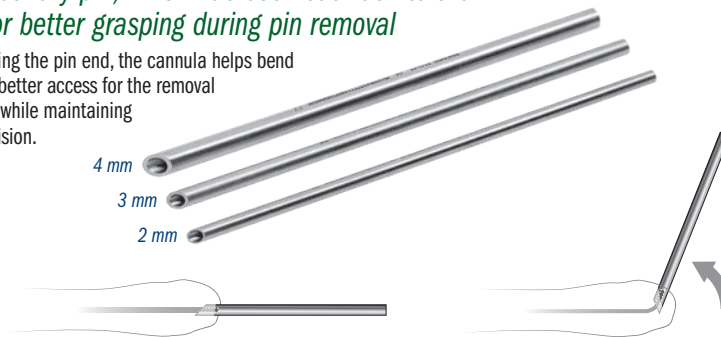


Roberts Pin Bending Cannula Set

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.

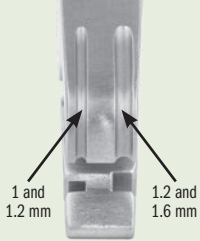


New!

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

Technique	Distal Radius - 1.5 cm Incision		Proximal Ulna - 1.5 cm Incision	
Advance cannula over the exposed pin. The beveled end makes this easier and can be used as a trephine in when bony overgrowth is present.				
Slowly use the tool to bend the end of the pin away from bone, which helps with pin removal.				
The bent end can be removed with standard pliers.				



1 and 1.2 mm
1.2 and 1.6 mm

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.



Smooth Bending
Clean Cutting

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



Bending

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

Cutting

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



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

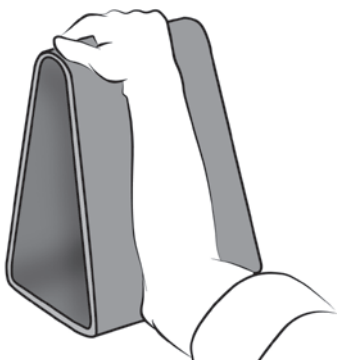


Pin Puller - Small

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



Fromm Triangles

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

Radiolucent triangles are useful for wrist arthroscopy and allow for intraoperative fluoroscopy

Helps support the wrist and forearm during wrist arthroscopy procedures, while allowing for traction on the opposite side. Sterilizable triangle can be covered with a sterile towel for the procedure.

PRODUCT NO'S:
2760-01 [11"] Base 6" (15,2 cm), Height: 11" (27,9 cm)
2760-XS [8.5"] Base 5" (12,7 cm), Height: 8.5" (21,6 cm)



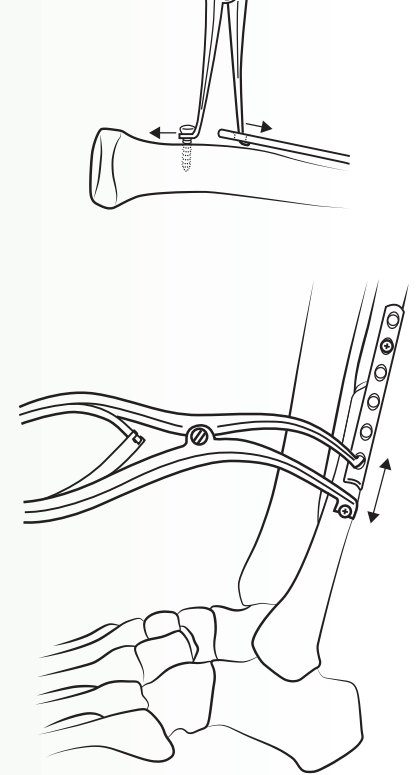
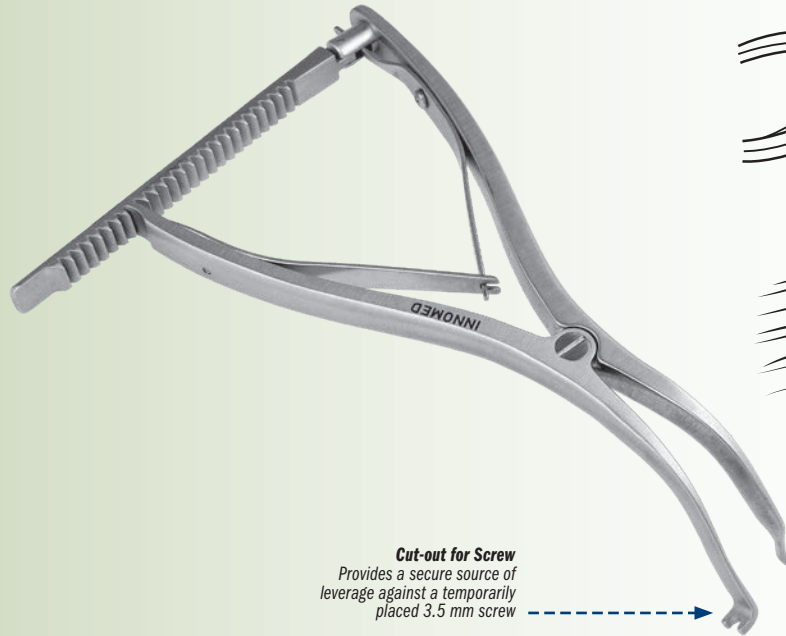


Wixted Fracture Distractor

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

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



PRODUCT NO:

1882
Overall Length: 7" (17,8 cm)



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

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

PRODUCT NO'S:

7653-00 [Set w/Case]

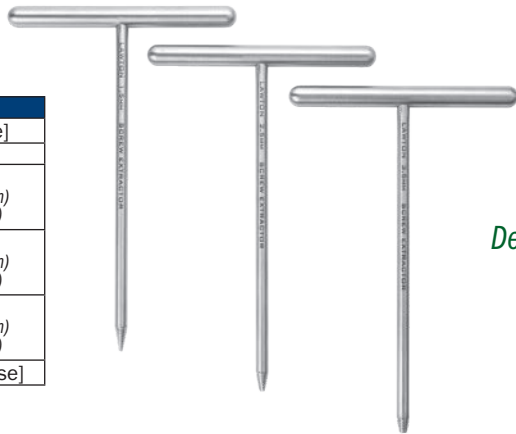
Individual Parts:

7653-01 [1.5 mm]
Overall Length: 6" (15,2 cm)
Handle Width: 4" (10,2 cm)

7653-02 [2.5 mm]
Overall Length: 6" (15,2 cm)
Handle Width: 4" (10,2 cm)

7653-03 [3.5 mm]
Overall Length: 6" (15,2 cm)
Handle Width: 4" (10,2 cm)

1025 [Sterilization Case]



Lawton Screw Extractors

Designed by Jeffrey Lawton, MD

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



Lawton Broken Screw Extractor

Designed by Jeffrey Lawton, MD

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

PRODUCT NO:

7653-04
Overall Length: 4" (10,2 cm)
Handle Width: 3" (7,6 cm)





Wilke Angled Blunt Nose Scissors

Designed by Benjamin K. Wilke, MD

Allows blunt dissecting around critical structures (nerves, vessels, etc.) while maintaining a cutting surface for fascia. The tool's blunt ends can also be used for cauterizing and grabbing small vessels.

PRODUCT NO:
3078
Overall Length: 6" (15,2 cm)

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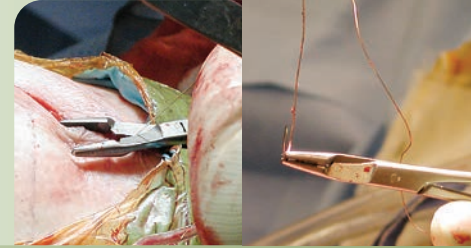
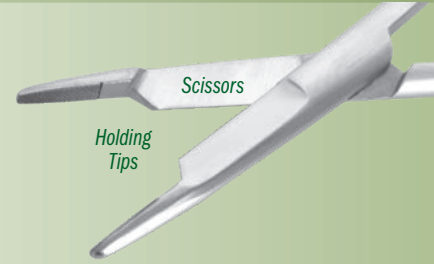
Longer sizes are helpful in orthopedics

Orthopedic Needle Holder/Scissors

Drive a needle and cut a suture without changing instruments

PRODUCT NO'S:
Standard Tips
3070 7.0" (17,8 cm)
Tungsten Carbide Tips
3055 5.5" (14 cm)
3065 6.5" (16,5 cm)
3075 7.0" (17,8 cm)

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GERMANY



Rogozinski Locking Needle Driver/Scissors

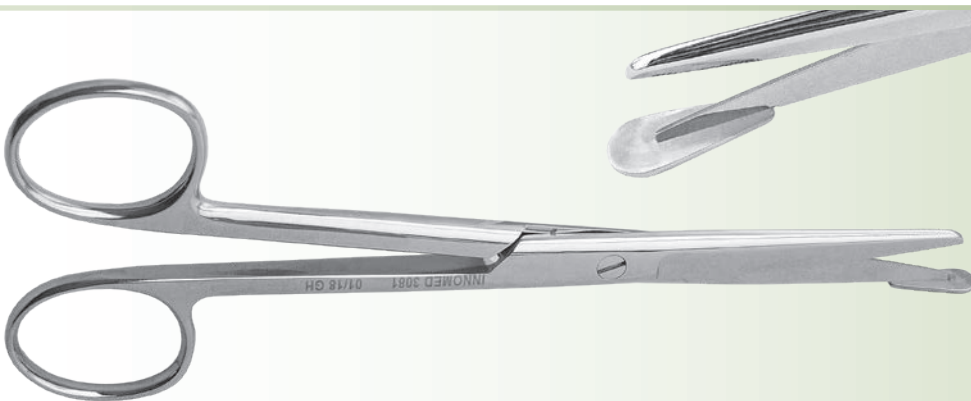
Designed with a quick lock & release handle, can drive a needle and cut a suture without changing instruments



PRODUCT NO'S:
3083 [Standard]
Overall Length: 6.5" (16,5 cm)
3084 [Large]
Overall Length: 7.75" (19,7 cm)

Designed by
Chaim Rogozinski, MD

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Sweed Dissecting Scissors

Designed by Tamer Sweed, FRCS (Orth)

Designed with a blunt, flat bar fixed to the lower limb, the scissors also act as a dissector to protect underlying vital structures

PRODUCT NO:
3081
Overall Length: 6.625" (16,8 cm)
Bottom Pad: 16 mm x 6 mm
Pad Extension Beyond Scissor: 6 mm

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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)

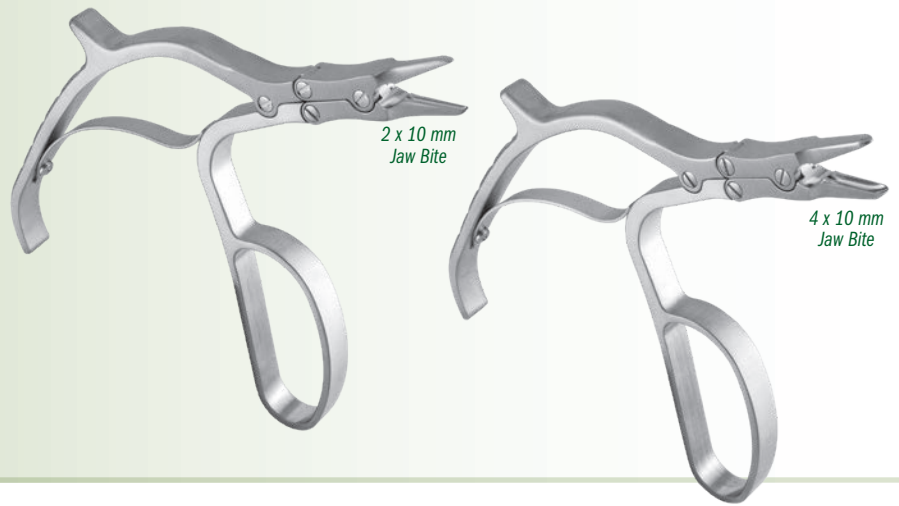


2 x 10 mm



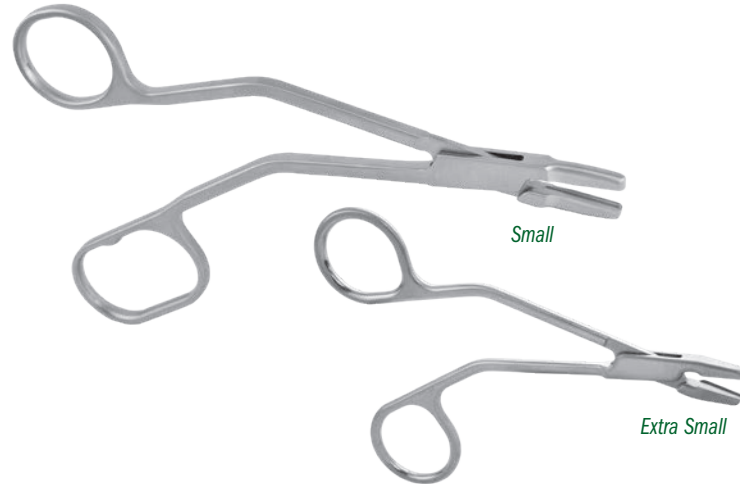
4 x 10 mm

Two Jaw Sizes Available



2 x 10 mm
Jaw Bite

4 x 10 mm
Jaw Bite



Small

Extra Small

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



Bates Needle Holder with Suture Cutter

Designed by James E. Bates, MD

By trapping the suture and cutting when the forcep is opened, helps to reduce stress on the surgeon's hand

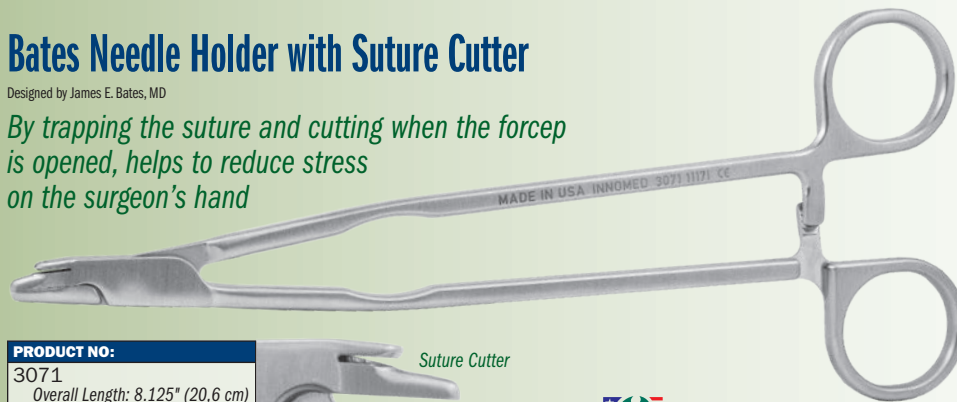
PRODUCT NO:

3071
Overall Length: 8.125" (20,6 cm)
Jaw Width: .25" (6,4 mm)
Open Jaw Length: .5" (12,8 mm)

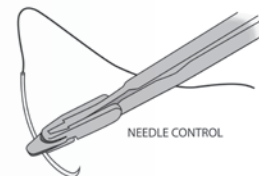


Suture Cutter

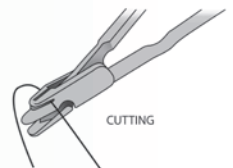
Needle Holder



- ▶ No switching between needle driver and scissors, or need for assistant to cut sutures for you
- ▶ Cutting with opening of forceps reduces possibility of damage to surrounding tissues
- ▶ Sliding the instrument down to the suture knot allows quick and consistent 2 mm suture tails
- ▶ Slip the suture strands into the suture cutting slot and slide the closed instrument along until desired length of tail is achieved, then open the instrument to cut the sutures



NEEDLE CONTROL



CUTTING



Stanton Needle Driver

Designed by John L. Stanton, MD, FACS

Allows a heavy cutting needle such as an OS-6 to be pushed through cancellous bone when re-attaching muscle or tendon

The groove captures the outer (convex) side of the needle and prevents the needle from spinning even when applying significant pressure. Useful for reattaching the rotator cuff in rotator cuff repairs, as well as in attaching suture anchors.

PRODUCT NO:

3042
Overall Length: 6.75 (17,1 cm)
Jaw Width: .25" (6,3 mm)

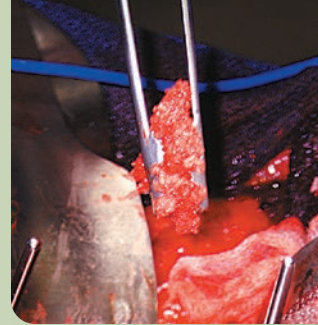
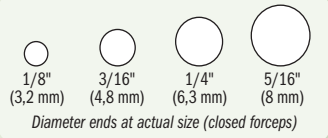


Universal Bone Grafting/Impacting Forceps

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.



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

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

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Failace Bone Impact/Graft Forceps

Design modification by John J. Failace, MD, FAOS

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

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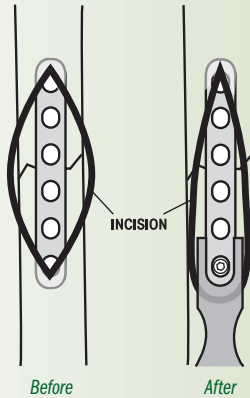


Vaughan Endzone Retractor

Designed by Roderick Vaughan, MD

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

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



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

Gray Syringe Assist with Ergonomic Handle

Designed by Robert Gray, MD

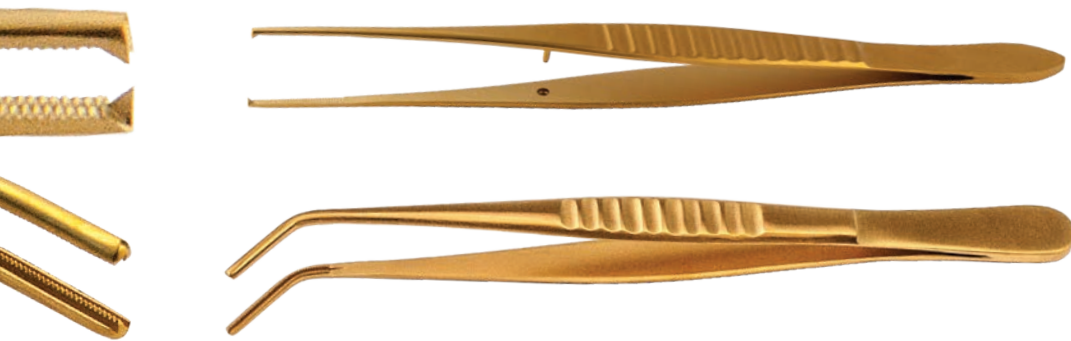
For use in the O.R or the office, the design helps to prevent hand fatigue and pain when injecting with a 20mL syringe over multiple cases



Syringe not included.

PRODUCT NO:
8988
Overall Length - Closed: 5.25" (13,3 cm)
Overall Length - Open: 7.5" (19,1 cm)
Height: 5" (12,7 cm)
Syringe Diameter: 21 mm





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)

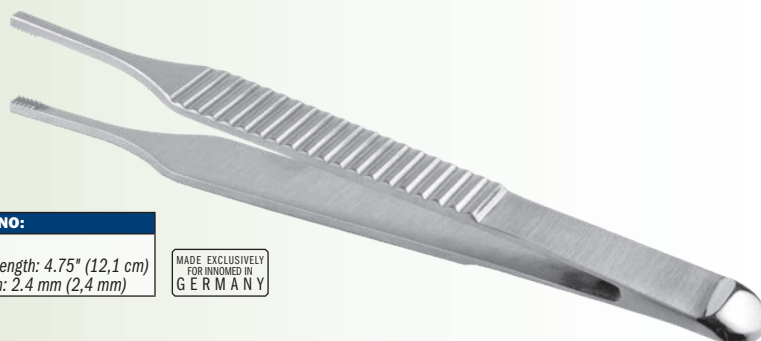


Adson Forceps with Cobb Elevator End

Designed by Oscar Castro-Aragon, MD

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

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



PRODUCT NO:	
1166	Overall Length: 4.75" (12,1 cm)
	Tip Width: 2.4 mm (2,4 mm)

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



Sarraf Cement Trimmer

Designed by Khaled M. Sarraf, MD

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



PRODUCT NO:	
5212	Overall Length: 7.75" (19,7 cm)

Bozeman Cement Trimmer

Designed by Daniel M. Gannon, MD

The tool has a blunt blade tip on one end to help with separation of the trimmed cement. The angled curette end helps gather the trimmed cement. The thin shank and angled curette can reach into tight spaces such as the back of the implants to remove excess cement. The ends are titanium nitrite coated to help eliminate metal transfer.

Combines the two most common cement trimming tools into one



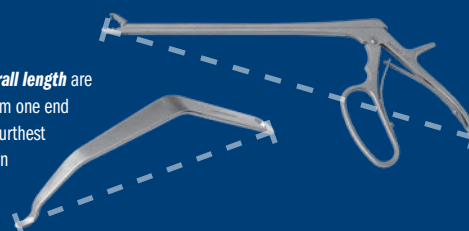
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PRODUCT NO:	
5245	Overall Length: 8.5" (21,6 cm)

Measurements in this Catalog

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

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



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



FREE TRIAL

on most instruments

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

Chandran Distal Biceps Tissue Protector

Designed by Rama E. Chandran, MD

Designed to help protect tissue and expose the radial tuberosity during distal biceps tendon repair

Using downward pressure, the teeth help to engage bone to keep the protector in place.

Also useful to help expose the humerus during proximal subpectoral biceps repair.

PRODUCT NO:

3224

Overall Length: 8" (20,3 cm)
Handle Length: 5.5" (14 cm)
Blade Depth: 1.7" (4,3 cm)
Blade Width: .65" (1,7 cm)



New!

Helps to protect tissue and expose the radial tuberosity during distal biceps tendon repair

Also useful to help expose the humerus during proximal subpectoral biceps repair



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