

INNOVATIONS

in Orthopedic Instruments

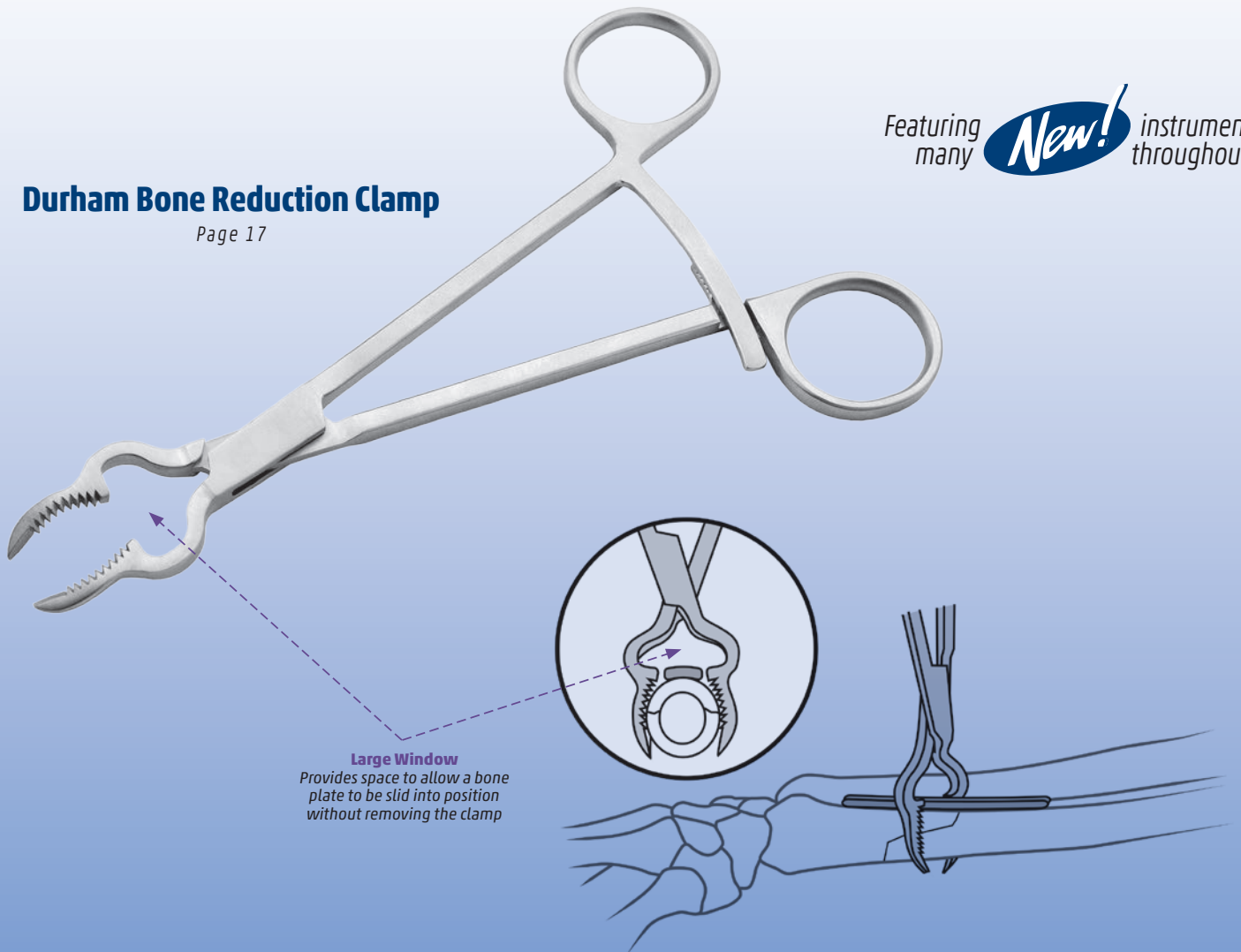
Small Bone & Upper Extremity

August 2016

Durham Bone Reduction Clamp

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Featuring many **New!** instruments throughout



What's New In This Catalog?

a snapshot of all the *New!* instruments within

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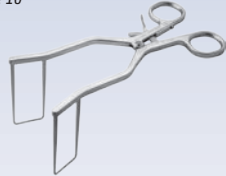
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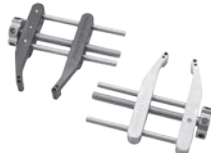
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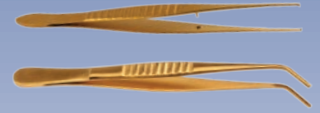
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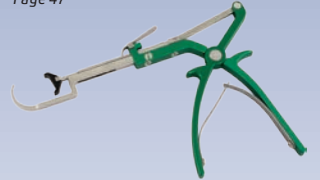
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Weinert Bone Holding Elbow Fracture Reduction Clamp
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Whelan Curved Chisel Guide
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Redler Wrist Bone Clamp with Wire Guide

Designed by M.R. Redler, MD

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

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

Can be used for:

- Placement of pins across distal radius fractures or across carpal bones
- Arthroscopically assisted fixation in the wrist
- Fracture fragments about the elbow



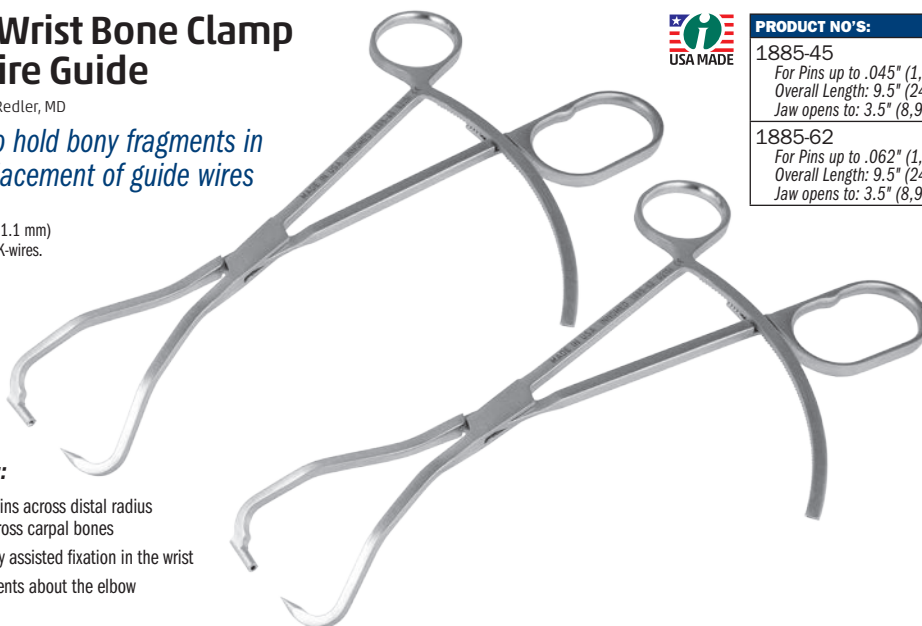
PRODUCT NO'S:

1885-45

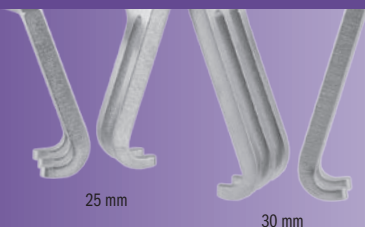
For Pins up to .045" (1.1 mm)
Overall Length: 9.5" (24.1 cm)
Jaw opens to: 3.5" (8.9 cm)

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)



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



Chung Weitlaner Retractor

Designed by Raymond Chung, MD

Longer prongs allow use in a small, but deep wound

PRODUCT NO'S:

Blunt Tips

5065

Blade Depth: 25 mm
Overall Length: 4.5" (11.4 cm)

5067

Blade Depth: 30 mm
Overall Length: 4.5" (11.4 cm)

Sharp Tips

5066

Blade Depth: 25 mm
Overall Length: 4.5" (11.4 cm)

5068

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:

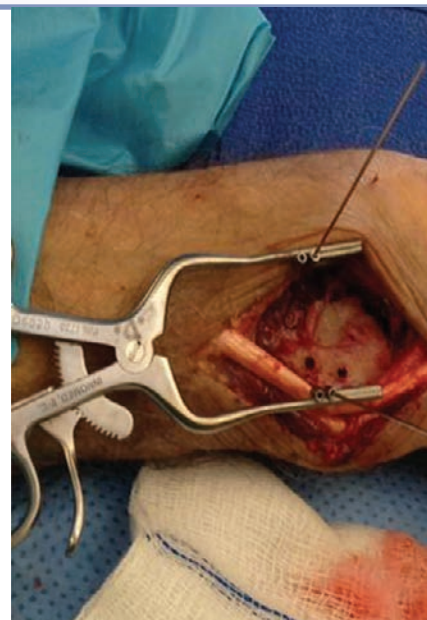
1837-L [Left]

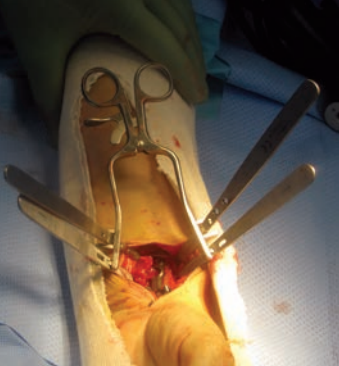
For Pins up to .045" (1.1 mm)
Overall Length: 4.5" (11.4 cm)
Blade Depth: 20 mm
Blade Width: 12.5 mm

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

MADE FOR INNOVIMED IN GERMANY





X-Rays shows stainless steel retractor blades



Dodson Modular Retractor

Designed by Mark A. Dodson, MD

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

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 handle, 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]

Replacement Parts:

1838-01 [Handle 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)

Set consists of one ratcheting self-retaining handle, two stainless steel mini-hohmann retractor blades, and a sterilization case.

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

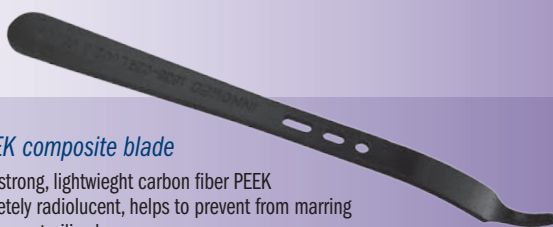
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Patent Pending

Radiolucent carbon fiber PEEK composite blade

The 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.



New!



Coated Allis Bone Clamp

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 one coated end to prevent from marring a component surface

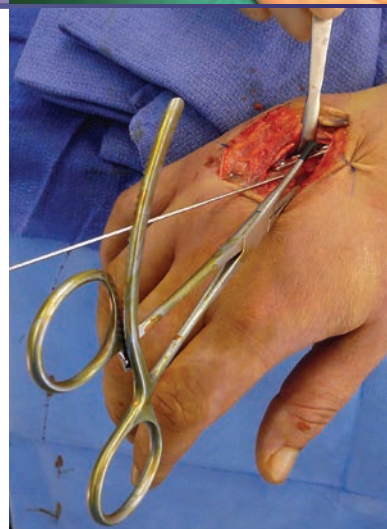
PRODUCT NO:

1381

Overall Length: 6.125" (15.9 cm)

Ratcheted Clamp Opens to: 35 mm

Non-coated-end Width: 4 mm



Resnick Allis Bone Clamp

Designed by Charles T. Resnick MD

A traditional Allis Bone Clamp designed with a longer ratchet which allows for a wider opening to allow a bone to be clamped and locked onto

PRODUCT NO:

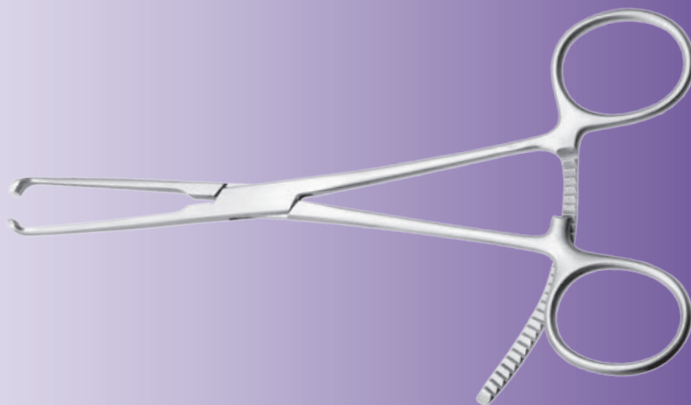
1385

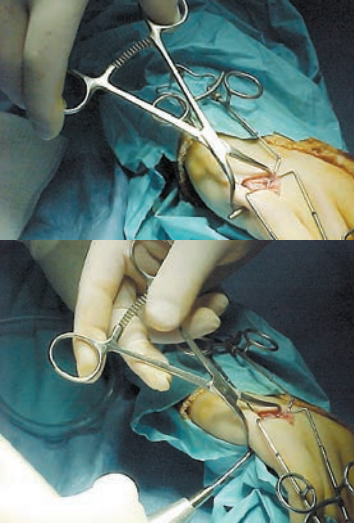
Overall Length: 6" (15.2 cm)

Ratcheted Clamp Opens to: 37 mm

Clamp End Width: 4.7 mm

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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

Chang Pin Clamp

Designed by Win Chang, MD

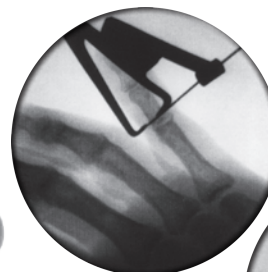
Designed to allow accurate insertion of pins for internal fixation

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

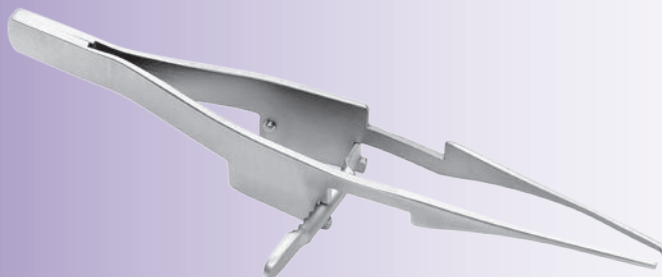
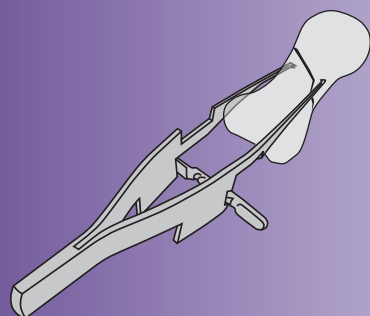
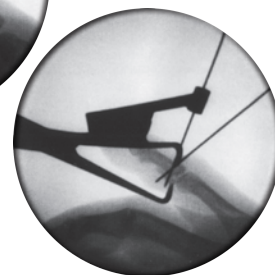
PRODUCT NO:

1760-01
Cannula Internal Diameter: 1.8 mm
Overall Length: 6" (15,2 cm)
Locking Ratchet Opens To: 25 mm

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GERMANY



(Prototype used in
X-ray images)



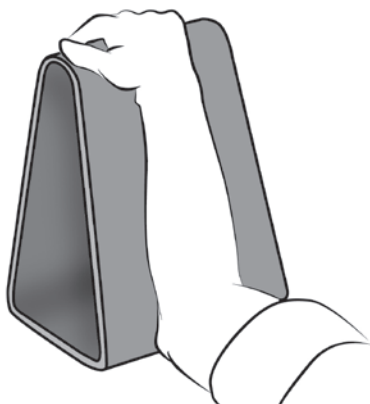
Balfour Locking Adson Forceps

Designed by George Balfour, MD

A modified adson forceps designed with a locking ratchet to hold the forceps closed around a small bone fracture

PRODUCT NO:

2016
Overall Length: 4.375 (11,1 cm)



Fromm Triangles

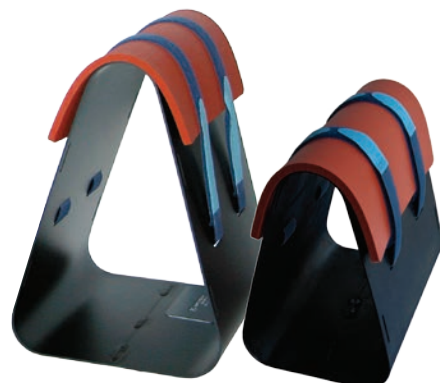
Designed by S.E. Fromm, MD
Extra Small Triangle designed by S.E. Fromm, MD & Kenneth Merriman, MD

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)





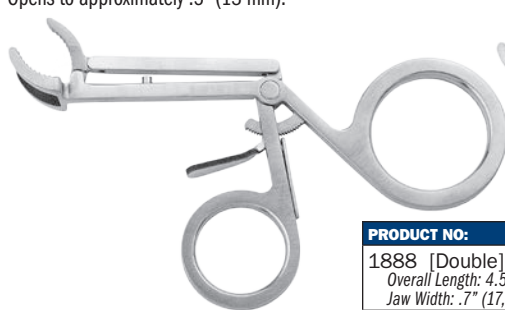
New!

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:

1888 [Double]

Overall Length: 4.5" (11,4 cm)

Jaw Width: .7" (17,7 mm)



USA MADE



PRODUCT NO:

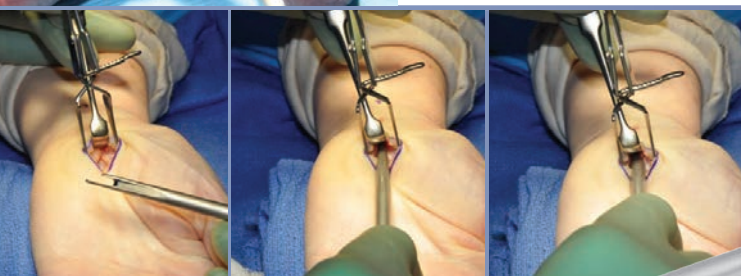
1889 [Single]

Overall Length: 4.5" (11,4 cm)

Jaw Width: .15" (3,7 mm)



USA MADE



PRODUCT NO:

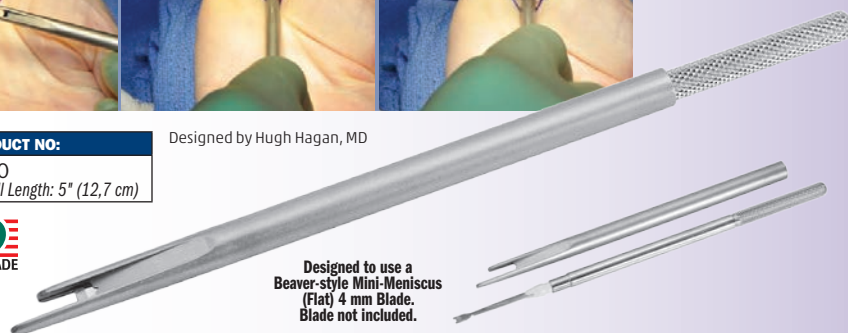
1150

Overall Length: 5" (12,7 cm)



USA MADE

Designed by Hugh Hagan, MD



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

Hagan Carpal Tunnel Release Sleeve

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 safely 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



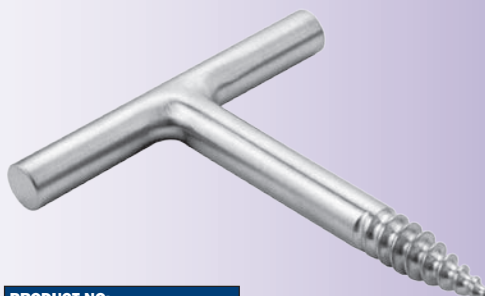
USA MADE

Lubahn Carpal Corkscrew

Designed by John D. Lubahn, MD

Designed to fit a trapezium 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



PRODUCT NO:

1191

Overall Length: 2.25" 95,7 cm)



USA MADE





Holiday Self-Retaining Carpal Tunnel Retractor

Designed by Allan Holiday, MD

PRODUCT NO:

1113

Overall Length: 6" (15,2 cm)



New!



Burgess Carpal Tunnel Retractor

Designed by Kraig Burgess, DO

Designed for exposure during carpal tunnel surgery

PRODUCT NO:

1887

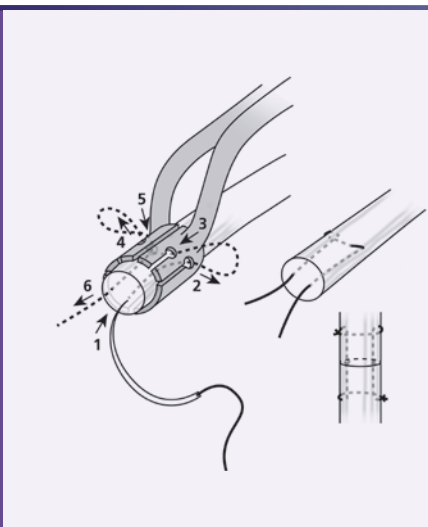
Overall Length: 4.25" (10,8 cm)

Blade Length: 12 mm

Blade Depth: 8 mm



New!



Keyser Tendon Repair Clamp

Designed by Brent Keyser, MD

Designed to hold and place grasping suture in the end of a lacerated flexor tendon without distortion of the tendon

PRODUCT NO:

1764

Overall Length: 6.25" (15,9 cm)



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

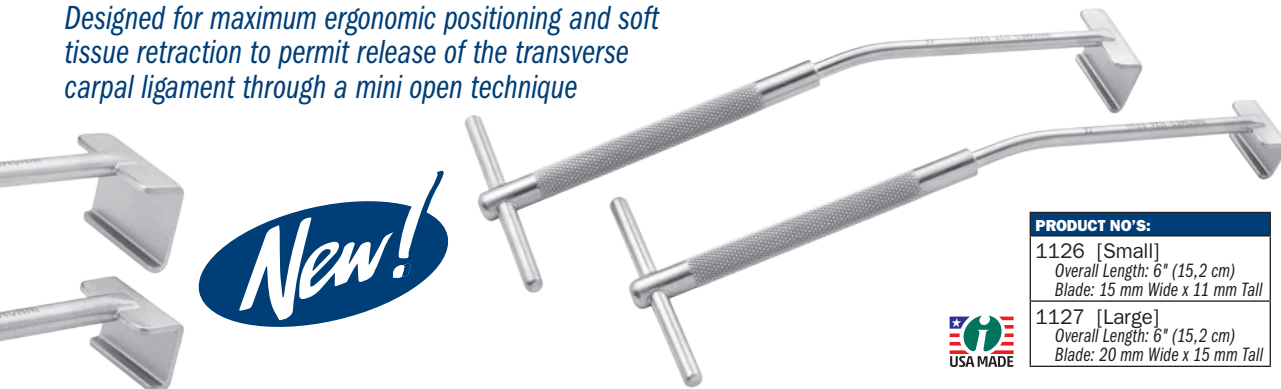
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GERMANY



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

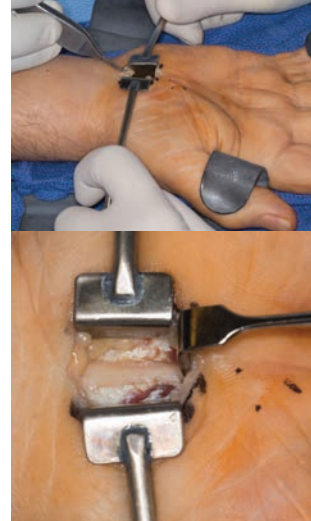


New!

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



Scoville-type Retractor with Suction

Designed by L. Mercer McKinley, MD

Designed to retract with a Scoville-type blade and provide varied suction—tube can be angled and locked for ease of use

Suction Tube Connection

Suction Thumb Hole

360° Articulation



PRODUCT NO:

5008
Overall Length: 9.375" (23,8 cm)
Arm Length: 4.25" (10,8 cm)



U.S. Patent
#7226413B2

Suction

Stanton Forward Retractors

Designed by John L. Stanton, MD, FACS

Designed to work as a "tissue pusher", helping to enhance exposure by allowing the surgeon or an assistant to push forward the opposite side of the wound

Forward Ragnell Retractors

PRODUCT NO'S:

4510-01 [Shallow]
Overall Length: 6.25" (15,9 cm)
Blade Offset: 1.625" (4,1 cm)
Blade Width: 3.1 mm
Blade Depth: 13 mm

4510-02 [Deep]
Overall Length: 6.25" (15,9 cm)
Blade Offset: 1.625" (4,1 cm)
Blade Width: 3.1 mm
Blade Depth: 19 mm

Forward Senn Retractors

PRODUCT NO'S:

4520 [Shallow w/Teeth]

4525-01 [Shallow]
Overall Length: 6.25" (15,9 cm)
Blade Offset: 1.625" (4,1 cm)
Blade Width: 9.5 mm
Blade Depth: 13 mm

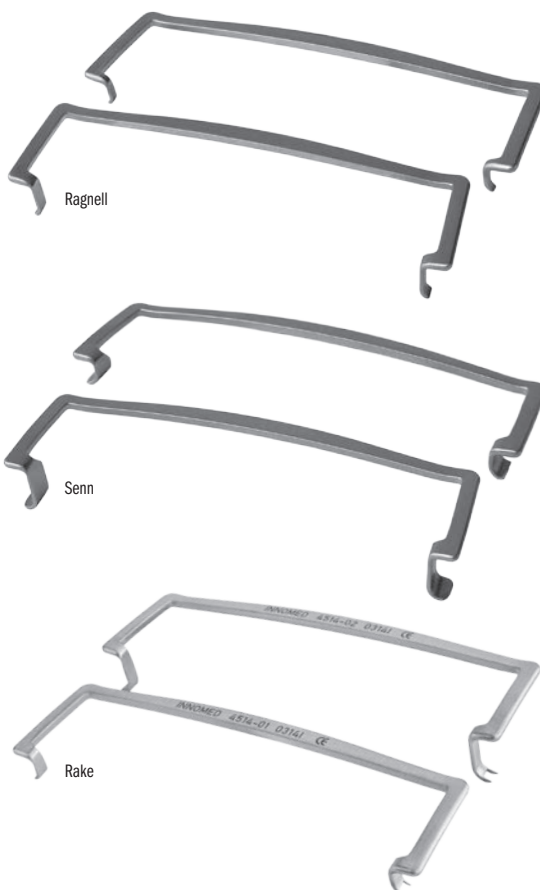
4525-02 [Deep]
Overall Length: 6.25" (15,9 cm)
Blade Offset: 1.625" (4,1 cm)
Blade Width: 9.5 mm
Blade Depth: 19 mm

Forward Rake Retractors

PRODUCT NO'S:

4514-01 [Shallow]
Overall Length: 6.25" (15,9 cm)
Blade Offset: 1.625" (4,1 cm)
Blade Width: 5.1 mm
Blade Depth: 10 mm

4514-02 [Deep]
Overall Length: 6.25" (15,9 cm)
Blade Offset: 1.625" (4,1 cm)
Blade Width: 5.1 mm
Blade Depth: 17 mm





Radiolucent Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Radiolucent, lightweight retractors

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

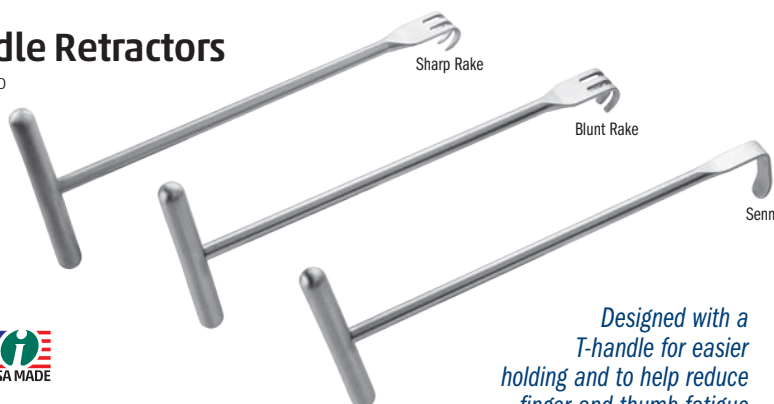
PRODUCT NO'S:	
1591-R 6 mm Blade, Bent Overall Length: 7" (17,8 cm)	1595-R 6 mm Blade Overall Length: 6.875" (17,5 cm)
1592-R 8 mm Blade, Deep Bent Overall Length: 7" (17,8 cm)	1597-R 16 mm Blade Overall Length: 6.875" (17,5 cm)
1593-R 8 mm Blade, Bent Overall Length: 7" (17,8 cm)	1596-R 8" Extender Overall Length: 8" (20,3 cm)



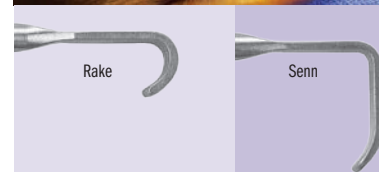
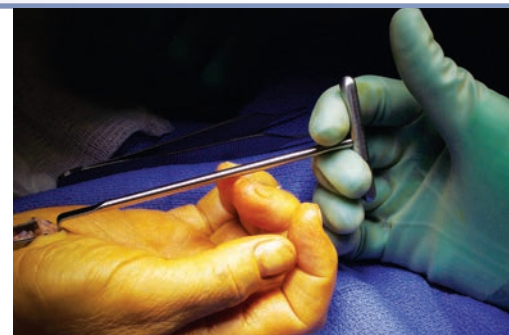
Chung T-Handle Retractors

Designed by Raymond Chung, MD

PRODUCT NO'S:
1159 [Sharp Rake] Overall Length: 117 mm Blade Width: 9 mm Blade Depth: 7 mm
1161 [Blunt Rake] Overall Length: 117 mm Blade Width: 9 mm Blade Depth: 7 mm
1162 [Senn] Overall Length: 117 mm Blade Width: 6 mm Blade Depth: 16 mm



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



Used for small bone surgery

Modified Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

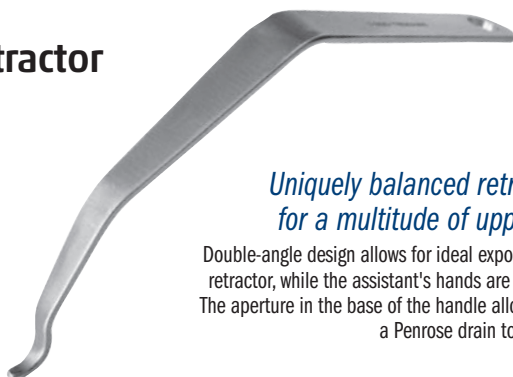
PRODUCT NO'S:	
1665 Overall Length: 5.875" (14,9 cm) Blade Width: 6 mm Blade Drop: 35 mm	1666 Overall Length: 5.875" (14,9 cm) Blade Width: 8 mm Blade Drop: 35 mm
1665-01 Overall Length: 5.5" (14 cm) Blade Width: 6 mm Blade Drop: 17 mm	1666-01 Overall Length: 5.5" (14 cm) Blade Width: 8 mm Blade Drop: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



J.B. Redler Retractor

Designed by M.R. Redler, MD

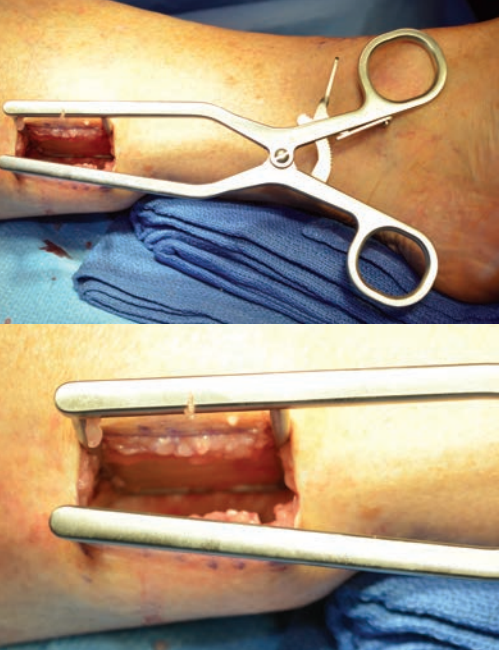
PRODUCT NO:
1645 Overall Length: 5" (12,7 cm)



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.





PRODUCT NO:

1858

Overall Length: 7.25" (18,4 cm)

Blade Depth: 3" (7,6 cm)

Blade Width: 1.25" (3,2 cm)

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.



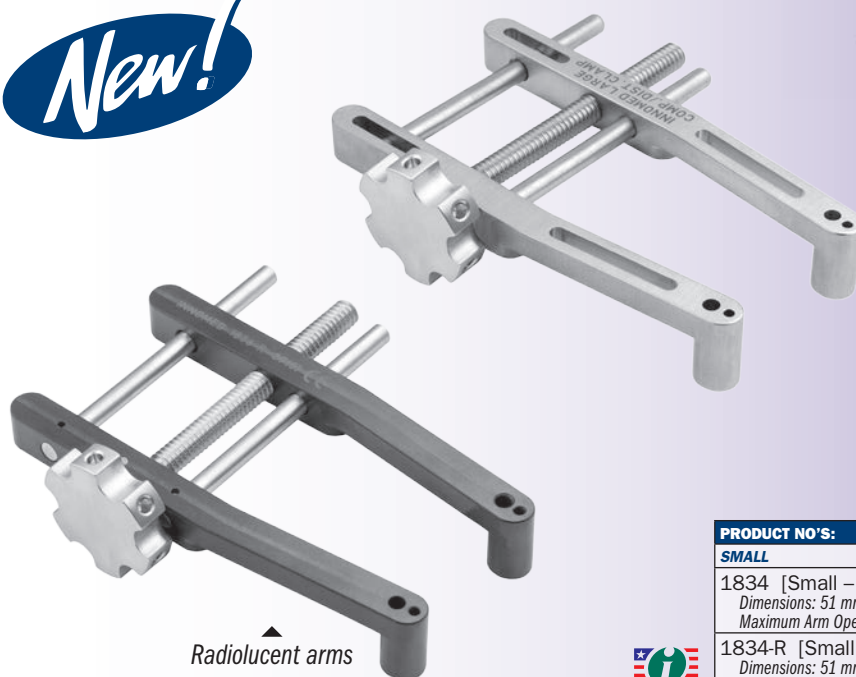
New!

HFD Compressor/Distractor

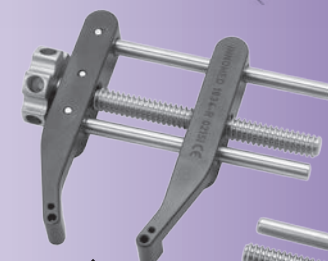
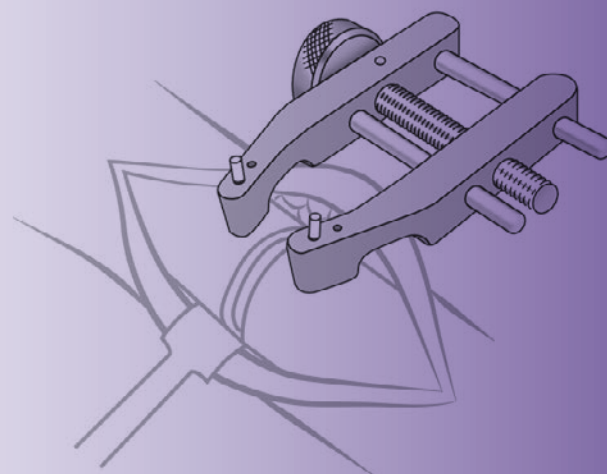
Dial mechanism helps allow precise control of inserted wires—for maintaining a position, compressing or distracting

- ▶ 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: .062" (1,6 mm) & .125" 3,2 mm)
- ▶ Radiolucent arms are a steam sterilizable PEEK/Carbon Fiber composite.

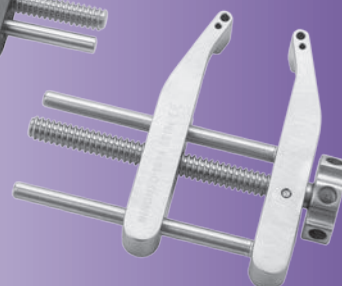
New!



Radiolucent arms



Radiolucent arms



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



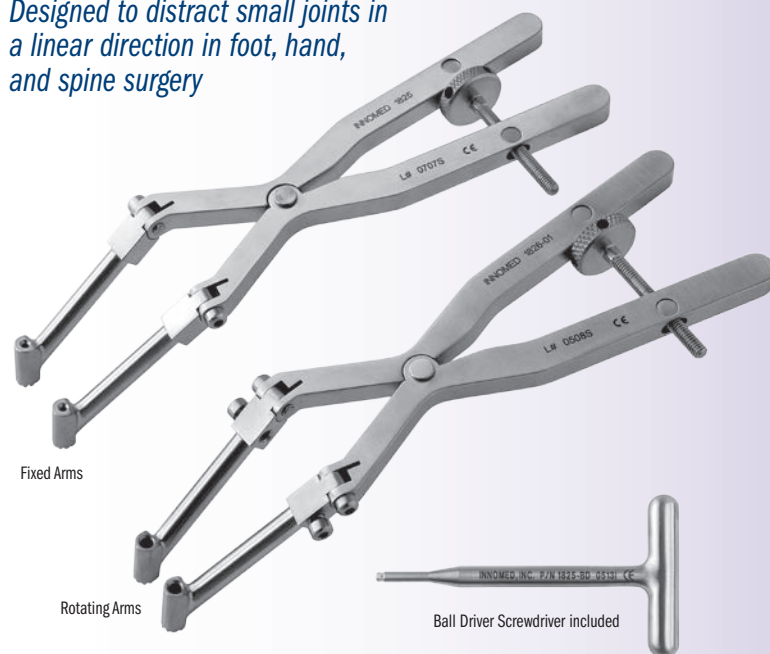
Small Bone Compressor/Distractor

Designed by Richard Wittcock, DPM and Robert Baglio, DPM

Designed to distract small joints in a linear direction in foot, hand, and spine surgery

Multiple hinge design allows for better joint visualization and access

Distal hinge can be loosened once the distraction nut is tightened, allowing the surgeon to move the handle out of the surgical field.



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PRODUCT NO'S:

Fixed Arms

Overall Length (Flat): 7.5" (19.1 cm)
Arm Length: 2.25" (5.7 cm)

1825 Up to .062" (1.6 mm) Pin Diameter

1826 Up to .125" (3.2 mm) Pin Diameter

Rotating Arms

Overall Length (Flat): 7.5" (19.1 cm)
Arm Length: 2.25" (5.7 cm)

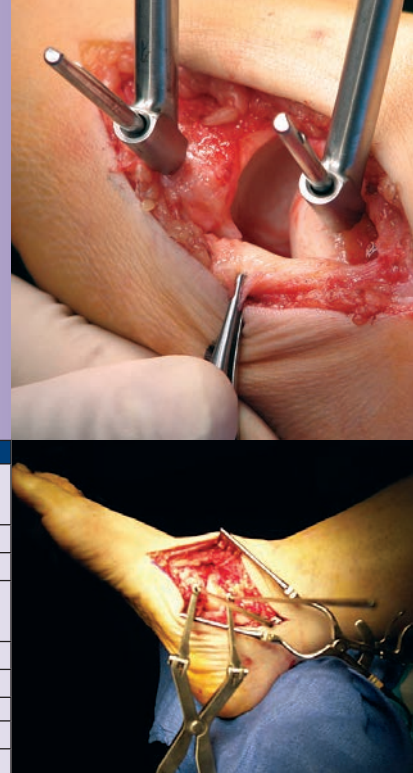
1825-01 Up to .062" (1.6 mm) Pin Diameter

1826-01 Up to .125" (3.2 mm) Pin Diameter

Included with All Models:

1025* [Sterilization Case]

1825-BD* [Ball Driver Screwdriver]



PRODUCT NO'S:

Sold In Pairs

4694-01 [Long]

Overall Length: 67 mm
End-to-shoulder: 22 mm
Pad: 13 mm x 15 mm

4694-02 [Medium]

Overall Length: 67 mm
End-to-shoulder: 31 mm
Pad: 13 mm x 15 mm

4694-03 [Short]

Overall Length: 67 mm
End-to-shoulder: 40 mm
Pad: 13 mm x 15 mm

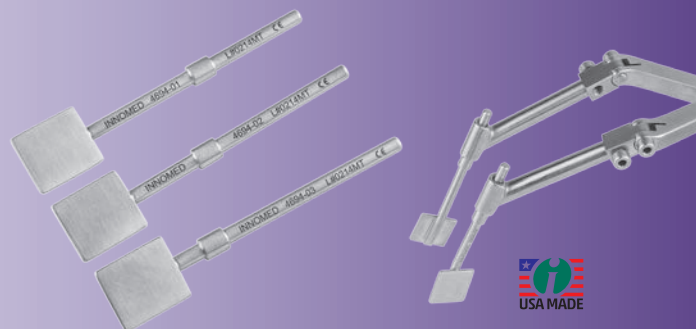
Shouldered Pin Retractors

Designed by M. Jake Hamer, MD

Useful in fracture and reconstructive cases

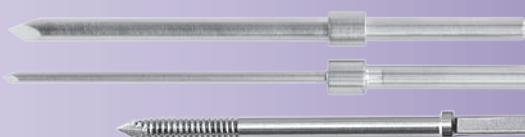
Can be used for opening wedge osteotomies, obtaining length or distraction to correct a foreshortened malunion, or in trauma cases (calcaneus fractures, tibial plateau fractures, pilon fractures). With three different length shouldered pins, the retractor can be set at different depths to provide the necessary retraction and/or distraction.

Can be used with the 1826 and 1826-01 Compressor/ Distractors, and any other compressor and/or distractor that can accept 1/8" (3.2 mm) pins.



Shouldered Bone Pins

For use with the Small Bone Compressor/Distractors, pins feature a trocar point



PRODUCT NO'S:

Packages of 10:

1270 [1/8" Smooth]

Diameter: 3.2 mm (.125")
Overall Length: 70 mm

1297 [1/8" Threaded]

Diameter: 3.2 mm (.125")
Overall Length: 55 mm

1271 [1/16" Smooth]

Diameter: 1.6 mm (.062")
Overall Length: 70 mm



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.

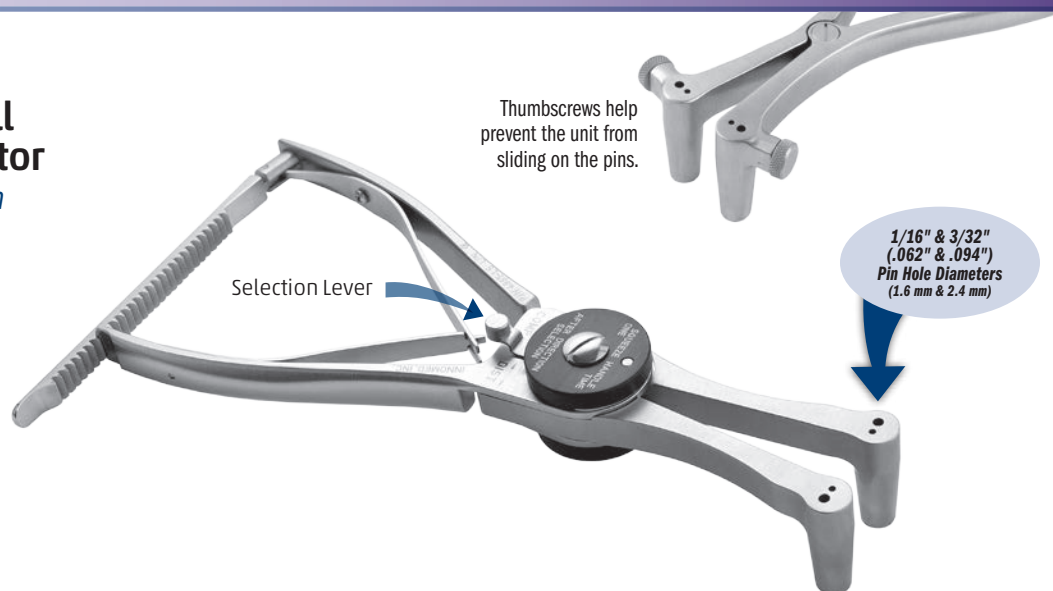
PRODUCT NO'S:

4865-LS [Standard]

Overall Length: 8.5" (21.6 cm)
Holes For: .062" & .094" (1.6 & 2.4 mm) K-wire Pins

4865-LS-TS [With Thumbscrews]

Overall Length: 8.5" (21.6 cm)
Holes For: .062" & .094" (1.6 & 2.4 mm) K-wire Pins



Thumbscrews help prevent the unit from sliding on the pins.

Selection Lever

1/16" & 3/32"
(.062" & .094")
Pin Hole Diameters
(1.6 mm & 2.4 mm)



LARGE

Outspread and Closed Arms



SMALL

Outspread and Closed Arms

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)



EXTRA SMALL

Closed Arms only



WITH THUMBSCREWS

Large and Small, Outspread and Closed Arms

Joint, Calcaneal and Small Bone Distractors with Thumbscrews

Thumbscrew Modification Designed by Kelly McCormick, MD

Thumbscrews help prevent the unit from sliding on the pins

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



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)	



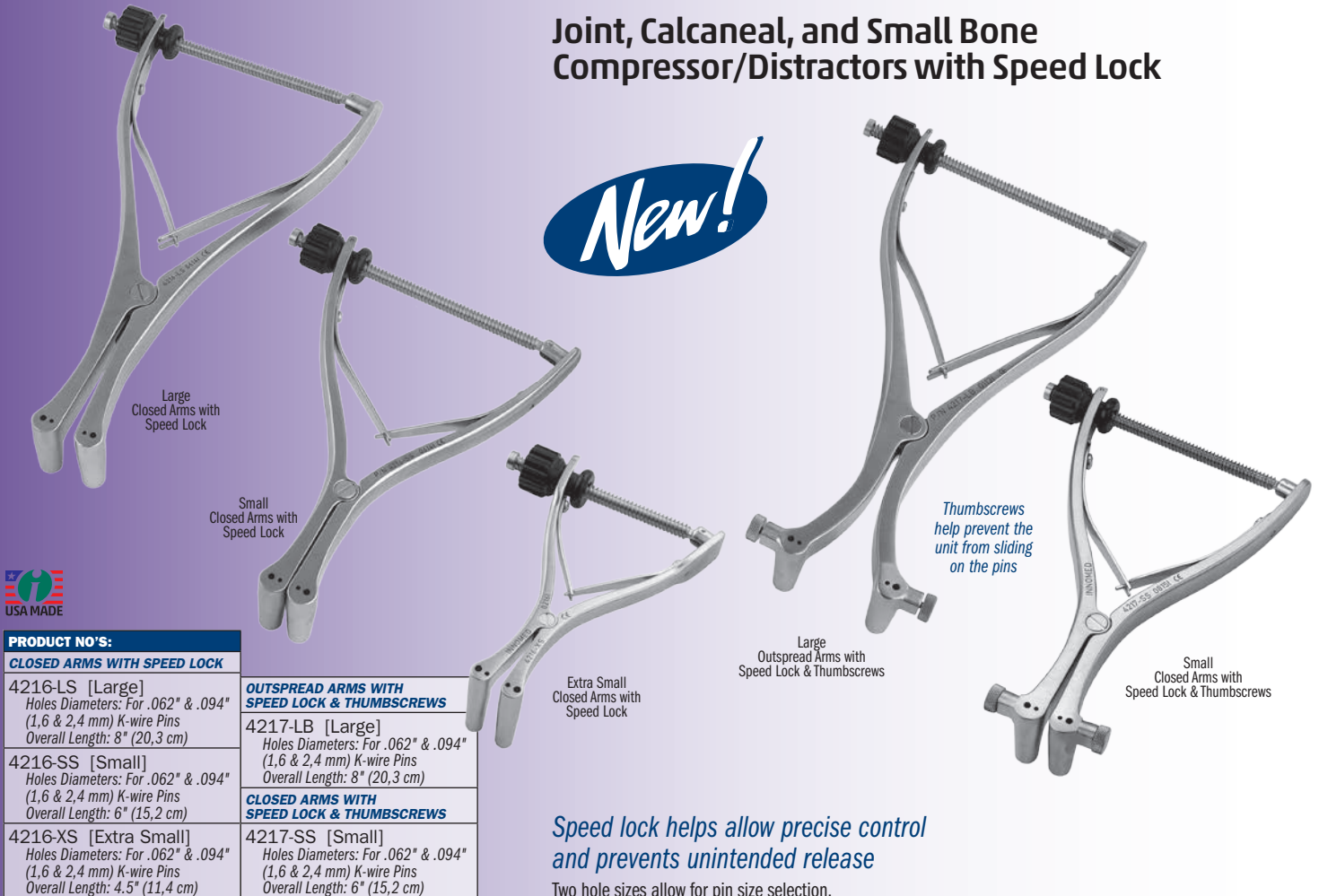
EXTRA SMALL



SMALL

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

New!



PRODUCT NO'S:

CLOSED ARMS WITH SPEED LOCK

4216-LS [Large]
Holes Diameters: For .062" & .094"
(1,6 & 2,4 mm) K-wire Pins
Overall Length: 8" (20,3 cm)

4216-SS [Small]
Holes Diameters: For .062" & .094"
(1,6 & 2,4 mm) K-wire Pins
Overall Length: 6" (15,2 cm)

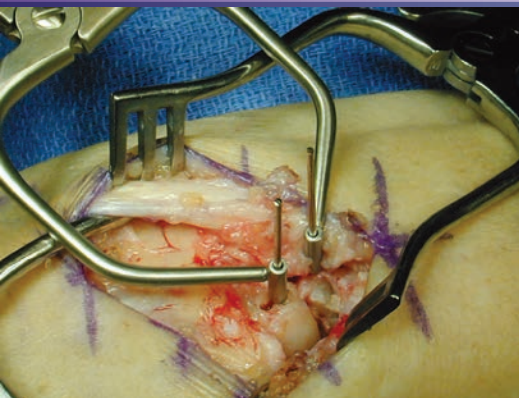
4216-XS [Extra Small]
Holes Diameters: For .062" & .094"
(1,6 & 2,4 mm) K-wire Pins
Overall Length: 4.5" (11,4 cm)

OUTSPREAD ARMS WITH SPEED LOCK & THUMBSCREWS

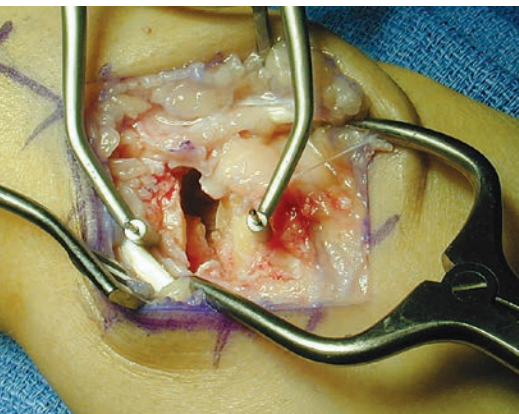
4217-LB [Large]
Holes Diameters: For .062" & .094"
(1,6 & 2,4 mm) K-wire Pins
Overall Length: 8" (20,3 cm)

CLOSED ARMS WITH SPEED LOCK & THUMBSCREWS

4217-SS [Small]
Holes Diameters: For .062" & .094"
(1,6 & 2,4 mm) K-wire Pins
Overall Length: 6" (15,2 cm)



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



Wurapa Small Joint Compressor and Distractor

Designed by Raymond K. Wurapa, MD

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



Designed to simplify several small joint procedures:

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

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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)



PRODUCT NO'S:

4208-00 [Set with Case]

Includes: Distractor/Compressor, T-Wrench, and Case

Available individually:

4208-01 [Distractor/Compressor Only]

Dimensions: 6" w x 5" h (16,2 cm x 12,7 cm)

Distracts to: 2.75" (7 cm) / Compresses from: .5" (13 mm)

4208-TW [T-Wrench]

Overall Length: 10" (25,4 cm)

1025 [Sterilization Case]

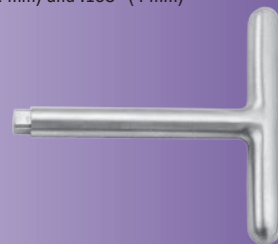


Gurbani Joint Distractor/Compressor

Designed by Naren G. Gurbani, MD

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

Pin Hole Sizes: .126" (3.2 mm) and .158" (4 mm)



Calcaneal Lateral Column Spreader

Designed by K. Wapner, MD

For lateral column lengthening of the calcaneus

PRODUCT NO:

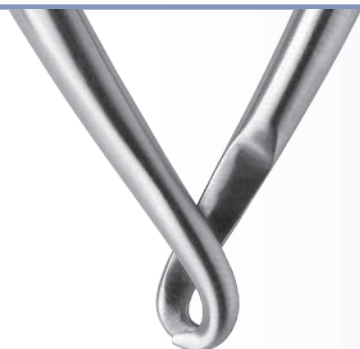
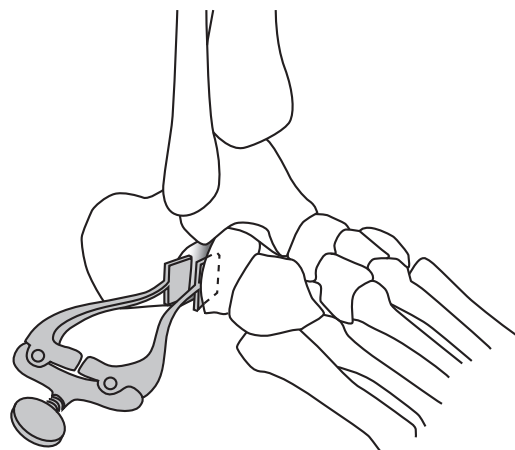
1725

Pads: 14 mm x 12 mm

Arms Open to: 45 mm

Overall Length: 4.25" (10,8 cm)

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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)



Calcaneal Spreader

Designed by Michael Forness, DO

Separates the calcaneal osteotomized bone for placement of tricortical bone graft

Pads have a large surface area, which easily separates the calcaneal osteotomized bone for placement of tricortical bone graft. Large pad surface area helps prevent the compression of soft calcaneal cancellous bone.



Smooth pads

Grooved pads



PRODUCT NO'S:

1880 [Standard]

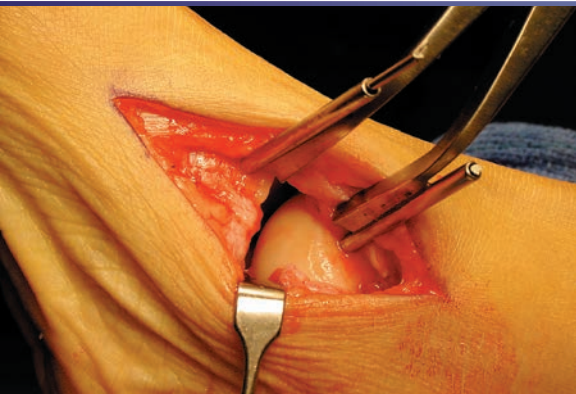
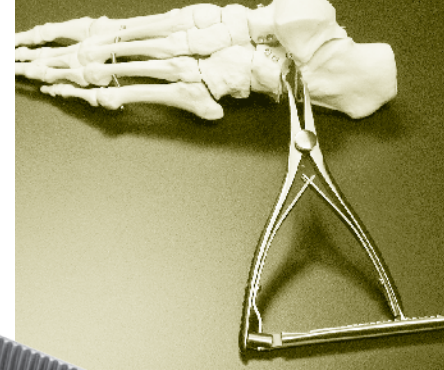
Overall Length: 7" (17,8 cm)

Pad Dimensions: 15 mm x 12 mm

1881 [Grooved]

Overall Length: 7" (17,8 cm)

Pad Dimensions: 15 mm x 12 mm



Weinraub Joint and Calcaneal Spreader

Designed by Glenn M. Weinraub DPM, FACFAS

PRODUCT NO'S:

Overall Length: 7" (17,8 cm)

1870 Up to .062" (1/16") (1.6 mm) Pin Diameter

1872 Up to .11" (7/64") (2.8 mm) Pin Diameter

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

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



Macko Square Tipped Rongeur

PRODUCT NO'S:

1778-01

Jaw Bite: 5 x 18 mm

Overall Length: 10" (25,4 cm)

1778-02

Jaw Bite: 7 x 18 mm

Overall Length: 10" (25,4 cm)

1778-03

Jaw Bite: 10 x 18 mm

Overall Length: 10" (25,4 cm)

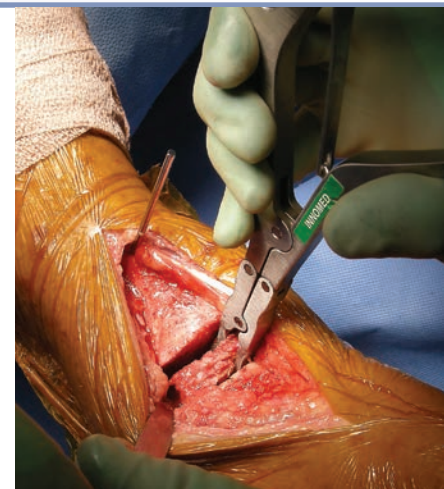


Designed by Victor W. Macko, MD



Three Jaw
Sizes Available

Unique square tipped rongeur features an ergonomic grip, double action mechanism, long reach, and low profile for use in total knee, ankle, hip, and spine surgery



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

Guide is affixed to the first metatarsal head

Sagittal saw creates a chevron osteotomy

Completed chevron osteotomy

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U.S. Patent #7,972,338

PRODUCT NO'S:

1380-L [Left]
Overall Length: 6" (15,2 cm)

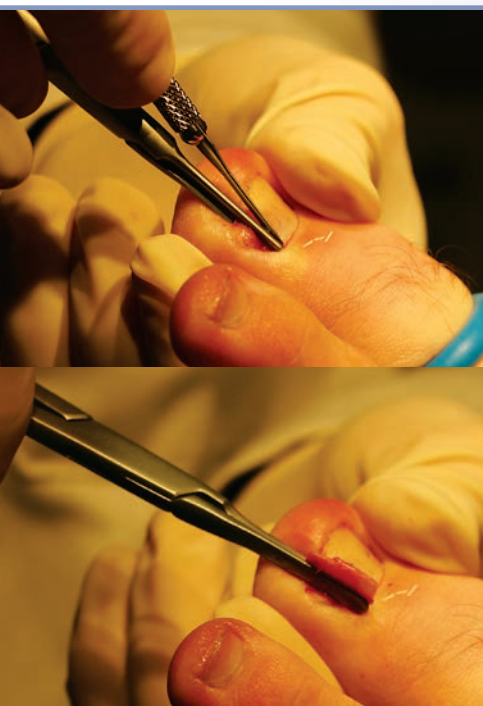
1380-R [Right]
Overall Length: 6" (15,2 cm)

O'Brien Osteotomy Guide

Designed by Todd O'Brien, DPM

Designed for chevron bunionectomies

The guide clamps directly onto bone while helping to retract the EHL tendon. Guide slots fit most saw blades (up to 0.4 mm), creating traditional chevron (60°), and long dorsal or plantar arm (50°) osteotomies. K-wire fixation is not required, although a guide pin may be inserted at apex. Guide available in right or left.



O'Brien Nail Stat

Designed by Todd O'Brien, DPM

Combining the advantages of a hemostat and a spatula, this instrument facilitates atraumatic partial and total nail avulsion

When used for partial avulsion, instrument may be inserted beneath the nail plate prior to cutting with a Beaver blade. The lower jaw of the clamp protects the nail bed from laceration as the blade is advanced.

PRODUCT NO:

1565
Overall Length: 6" (15,2 cm)
Length from Bend : 3" (7,6 cm)

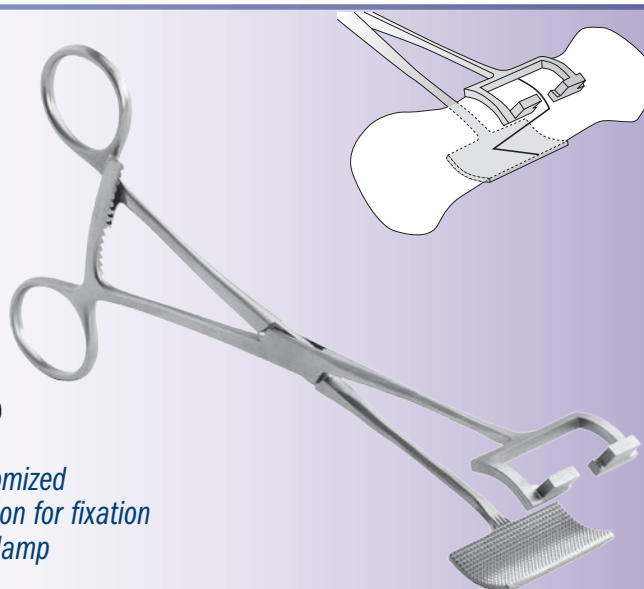
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Duncan Metatarsal Clamp

Designed by Gregory S. Duncan, DPM

Designed to clamp and hold an osteotomized metatarsal bone in the corrected position for fixation through the opening in the top of the clamp



PRODUCT NO:

1638
Overall Length: 7" (17,8 cm)
Clamp Pads: 1.3" x .625" (33 mm x 16 mm)
Opening: 1" x .375" (25 mm x 10)

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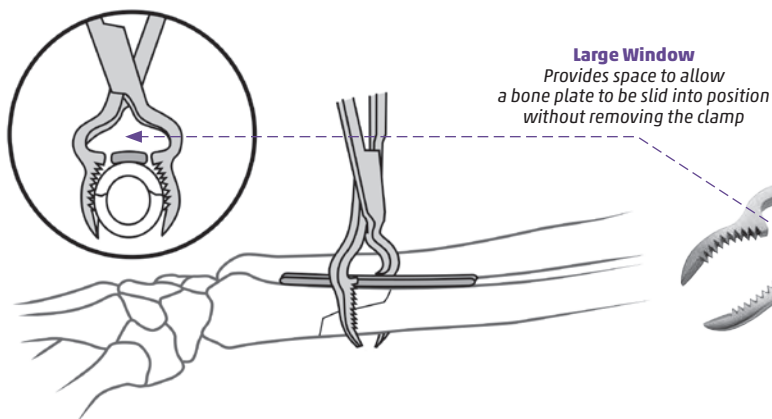
Durham Bone Reduction Clamp

Designed by Alfred A. Durham, MD

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

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

New!



Large Window

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

PRODUCT NO:

3652

Overall Length: 7.375" (18,7 cm)



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

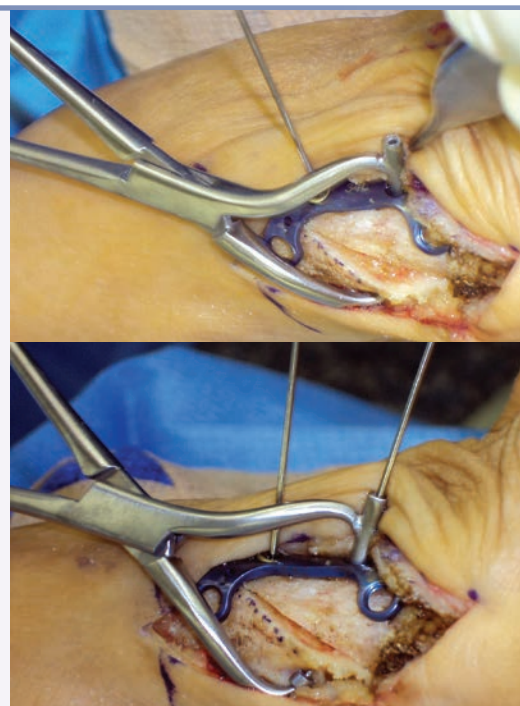
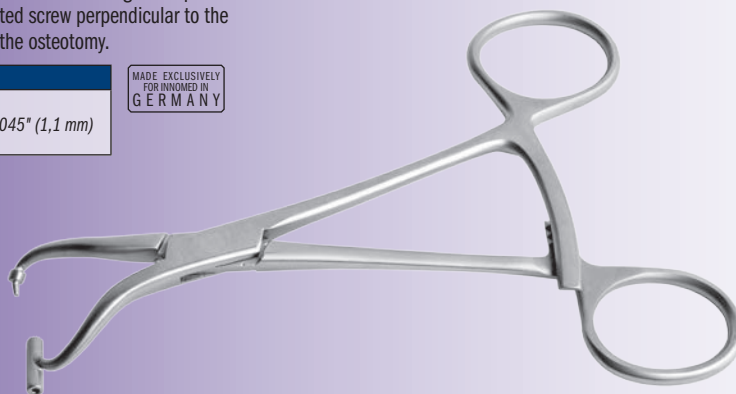
Clamp fixates the osteotomy to hold the correction, and the 15° slanted cannulated k-wire guide allows the surgeon to place the guide wire for the cannulated screw perpendicular to the osteotomy for final fixation of the osteotomy.

PRODUCT NO:

1812

Cannula Accepts K-wire up to: .045" (1,1 mm)
Overall Length: 5" (12,7 cm)

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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



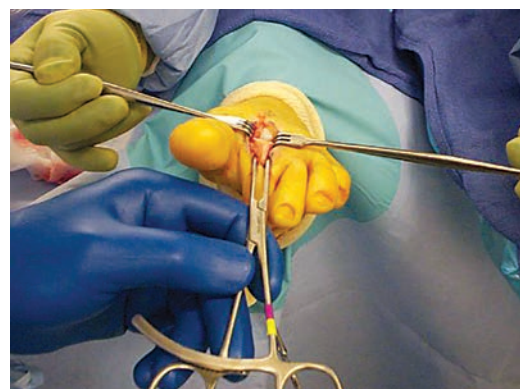
Helps to distract the joint and hold the bone, allowing easier access to the base. Can also be used for digital fusions to hold bones better for drilling and cutting applications.

PRODUCT NO:

1163

Overall Length: 6" (15,2 cm)
Clamp Internal Opening Diameter: 4 mm

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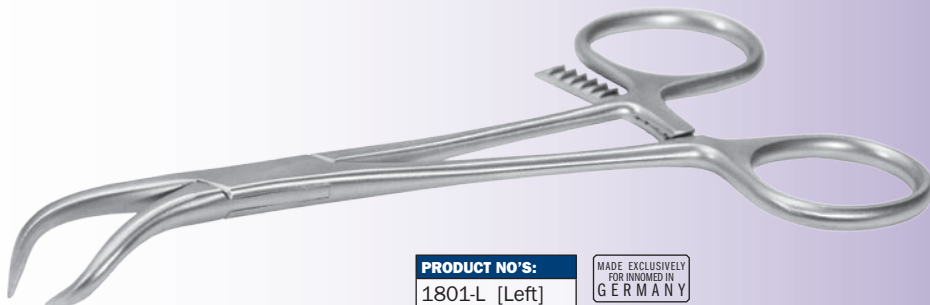


Calvo Medial Malleolus Fracture Clamp

Designed by Ignacio Calvo, MD

Designed to reduce and hold a displaced medial malleolus fracture

Also very useful in olecranon fractures.

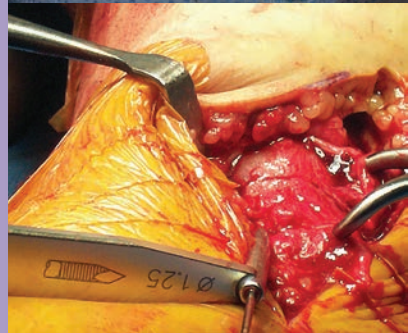


PRODUCT NO'S:

1801-L [Left]

1801-R [Right]

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Medial Malleolar/Bone Fragment Clamps

Designed by Edward L. Sclamberg, MD

Quick tightening & release low profile clamp with unlimited settings



PRODUCT NO'S:

1840 [Large]

Overall Length: 8" (20,3 cm)
Clamp End Length: 3"

1835 [Medium]

Overall Length: 6" (15,2 cm)
Clamp End Length: 2"

1830 [Standard]

Overall Length: 5.5" (14 cm)
Clamp End Length: 1"

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PRODUCT NO:

1803

Cannula Diameter: .062" (1.6 mm)
Overall Length: 5.25" (13,3 cm)

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GERMANY

Teurlings Medial Malleolar Clamp with Wire Guide

Designed by Luc Teurlings, MD

Helps to stabilize the medial malleolar fragment during internal fixation





Sarraf Fracture Reduction Thimble

Helps to hold bone fragments in place during fixation

New!

Wire Guides

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

Two sizes available

Pointed Tips

Helps to reduce the chance of slippage.

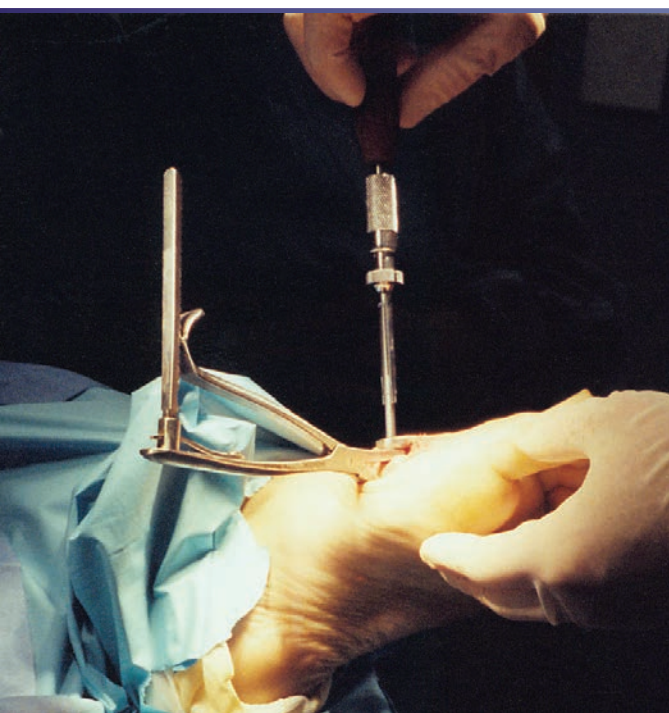
Provides the surgeon with an instrument for maintaining a fracture fragment in the appropriately reduced position during application of K-wires. Helpful in osteoporotic bone that is not amiable to forced reduction using reduction clamps. The wire guides help to aim the K-wire, with three positions for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

Designed by Khaled M. Sarraf, MD

PRODUCT NO:

2290 [22 mm]
Overall Length: 1.185" (3 cm)

2291 [26 mm]
Overall Length: 1.185" (3 cm)



O'Brien Bone Clamps

Designed by Todd O'Brien, DPM

Designed for use in stabilization of a fracture or osteotomy

Allows for placement of the bone clamp where it can best stabilize bone fragments. The drill guide allows for screw placement through the top of the clamp. Calibrations on the handle help eliminate the use of a depth gauge.

Integrated drill guide and bone diameter gauge

PRODUCT NO'S:

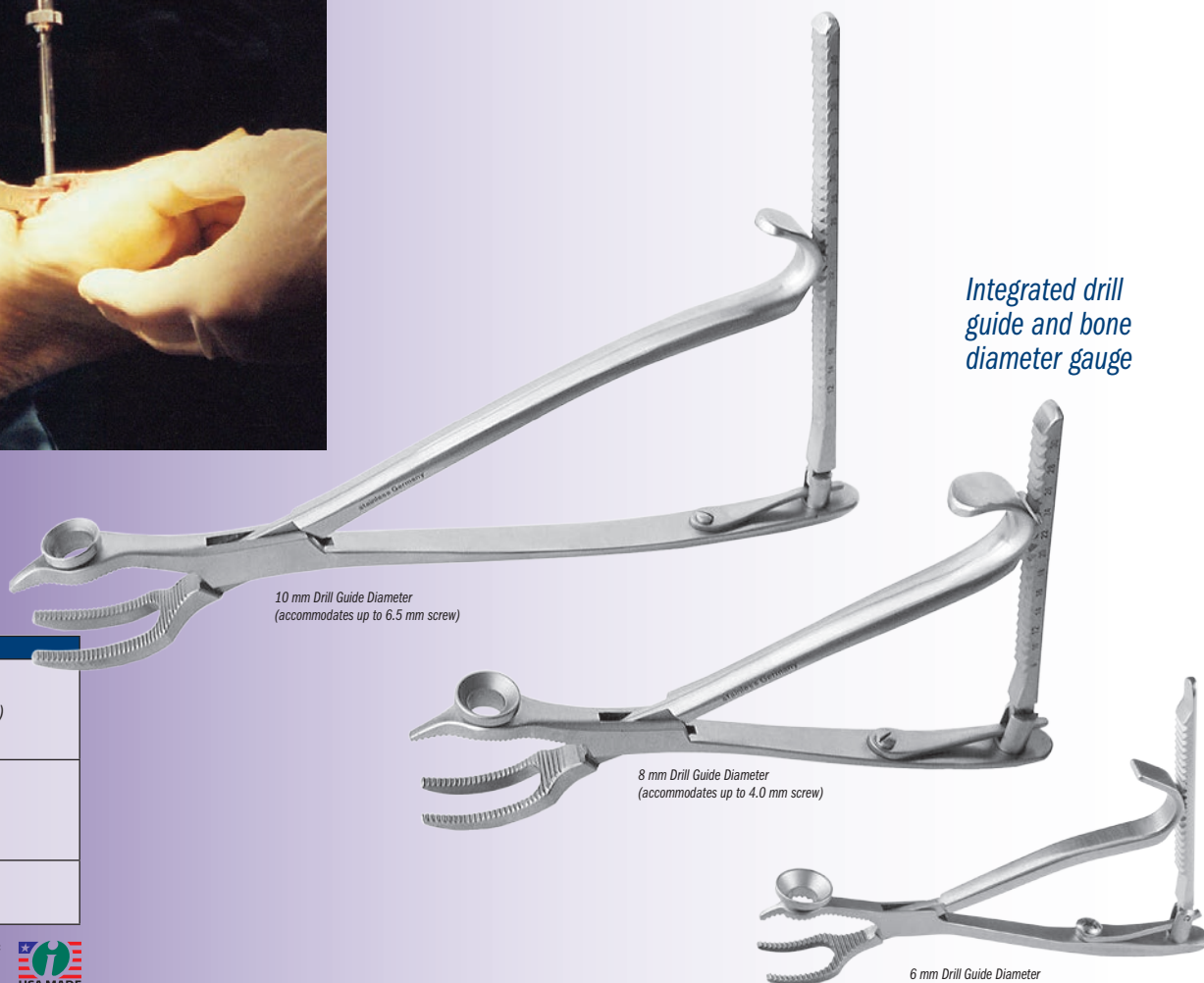
1890-02 [Large]
Drill Guide Diameter: 10 mm
(accommodates up to 6.5 mm screw)
Calibrated from 12 mm to 40 mm
Overall Length: 9.25" (23.5 cm)

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

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

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*



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)



New!



New!

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)

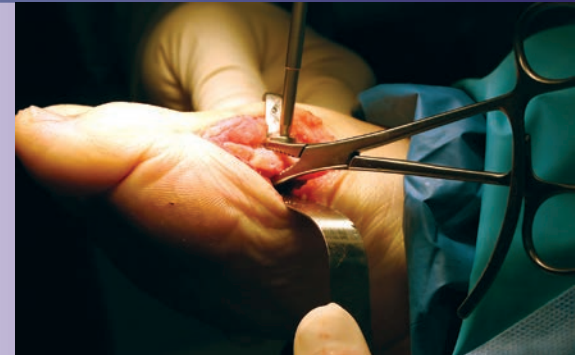
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O'Brien Bone Clamp with Drill Guide

Designed by Todd O'Brien, DPM

Enables a surgeon to apply a screw directly through the integrated guide

Calibrated handle measures bones from 6 mm up to 24 mm. Guide accommodates 1.5, 2.0 and 2.7 mm screws.



PRODUCT NO:

1815

Overall Length: 5" (12,7 cm)

Guide Diameter: 6.2 mm

Calibrations from 6 mm to 24 mm

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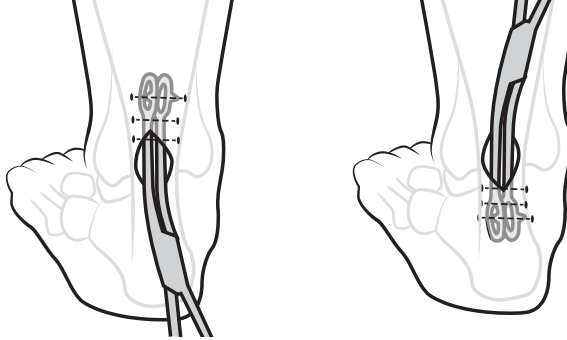
Lewin Small Bone Clamp

PRODUCT NO:

4685

Overall Length: 5" (12,7 cm)





Percutaneous Achilles Repair Forceps FOR LIMITED OPEN ACHILLES TENDON REPAIR

Designed by James A. Amis, MD

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



PRODUCT NO:

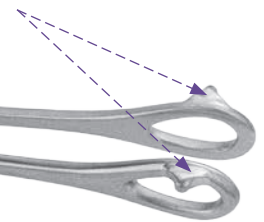
8235

Overall Length: 9.625" (24,4 cm)



Lateral Bump

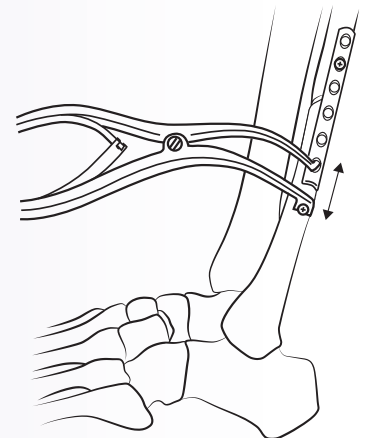
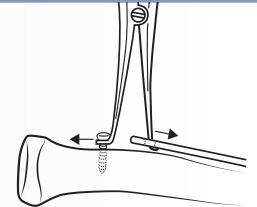
The bump on the lateral side of each loop allows the surgeon to palpate the exact center of the loop, proximal to distal, and drop a needle just below (patient is prone) or anterior to the bump for the starting point, and aim to just below the bump on the opposite side



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



Curved Peg-shaped Tip

Fits securely into a hole in a bone plate for leverage

Cut-out for Screw

Provides a secure source of leverage against a temporarily placed 3.5 mm screw



PRODUCT NO:

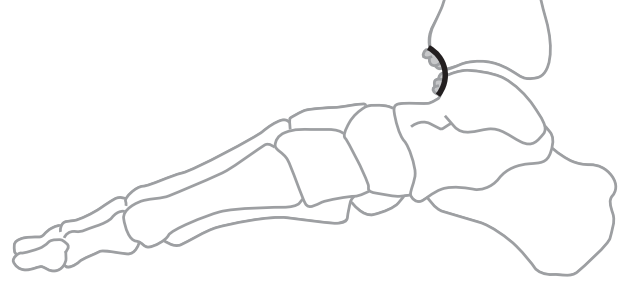
1882

Overall Length: 7" (17,8 cm)

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



Three Widths Available



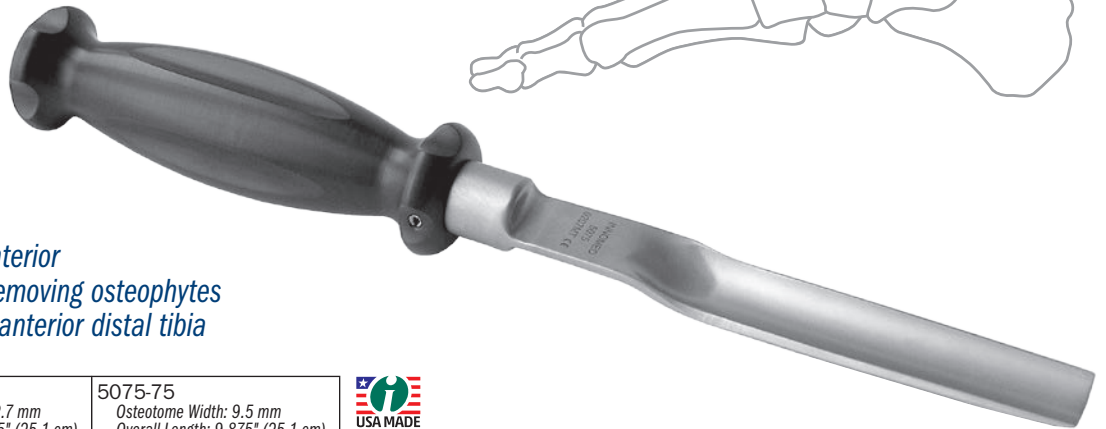
Anderson Talar Neck Osteotome

Designed by John Anderson, MD

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

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)
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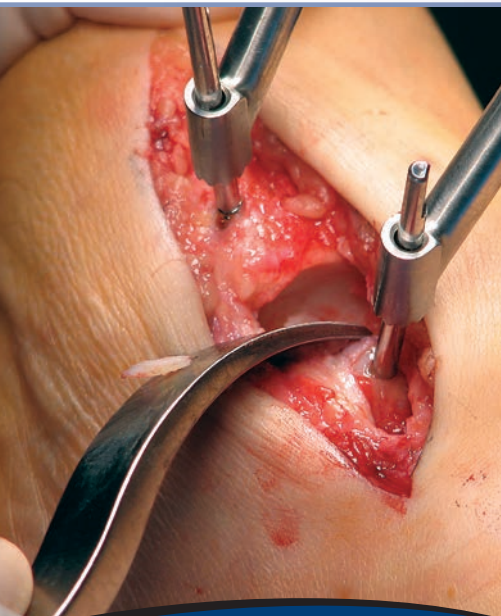
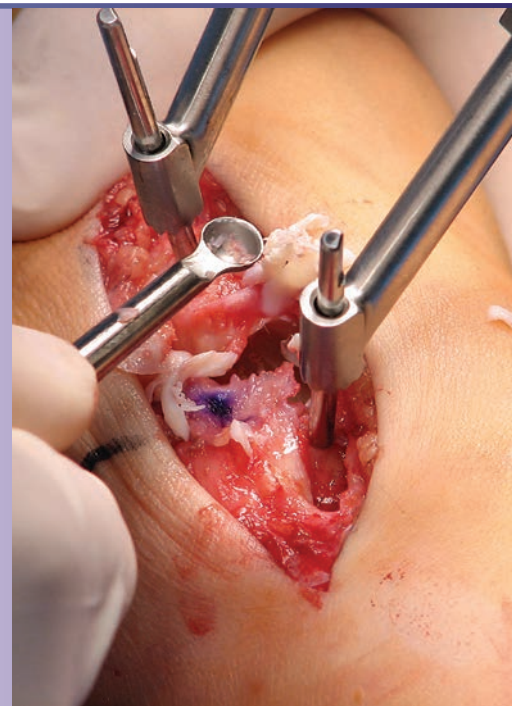
Hemisphere Currettes

Designed by Richard Wittock, DPM and Rob Baglio, DPM

Designed for small joint surgery

PRODUCT NO'S:

5345 Overall Length: 5.75" (14,6 cm) Curette Diameter: 5 mm	5347 Overall Length: 5.75" (14,6 cm) Curette Diameter: 7 mm	5349 Overall Length: 5.75" (14,6 cm) Curette Diameter: 9 mm
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Curved Chisel Osteotome

Designed by Richard Wittock, DPM and Rob Baglio, DPM

Designed to help remodel bone during small joint surgery—can also be used to remove cartilage

The design has a hexagonal handle to facilitate handling. The top of the handle is designed for easy hammer-strike ability.

PRODUCT NO:

5340 Overall Length: 7.375" (18,7 cm) Blade Width: 10 mm
--



O'Brien Probe Release Sleeve

Designed by Todd O'Brien, DPM

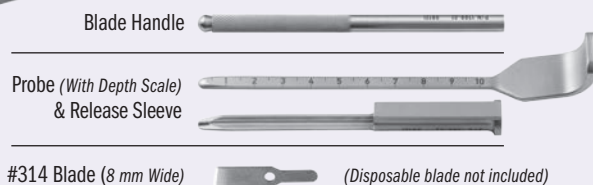
Designed for minimally invasive plantar fasciotomy surgery, and may also be used for minimally invasive neuroma decompression and minimally invasive gastroc recession

Uses a standard #314 blade (not included).

PRODUCT NO'S:	
1388-00	[Complete Assembly]
Individual/Replacement Parts:	
1388-01	[Blade Handle] Overall Length: 4.125" (10,5 cm)
1388-02	[Probe & Release Sleeve] (2 Pcs) Overall Length: 5.5" (14 cm)



Technique available on our website: www.innomed.net



Stanton Bent Pin Removal Pliers

Designed by John Stanton, MD, FACS

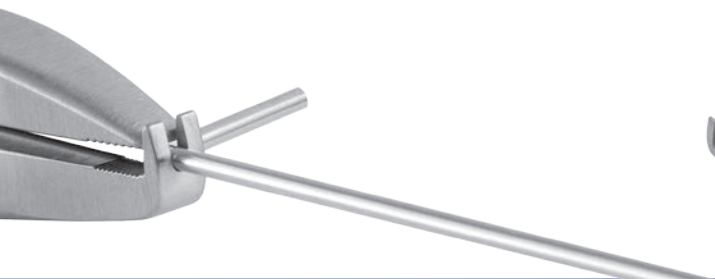
PRODUCT NO:

1894

Overall Length: 6.5" (16,5 cm)

Jaw Length: 1.65" (4,2 cm)

Instrument Width: 1 cm



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)



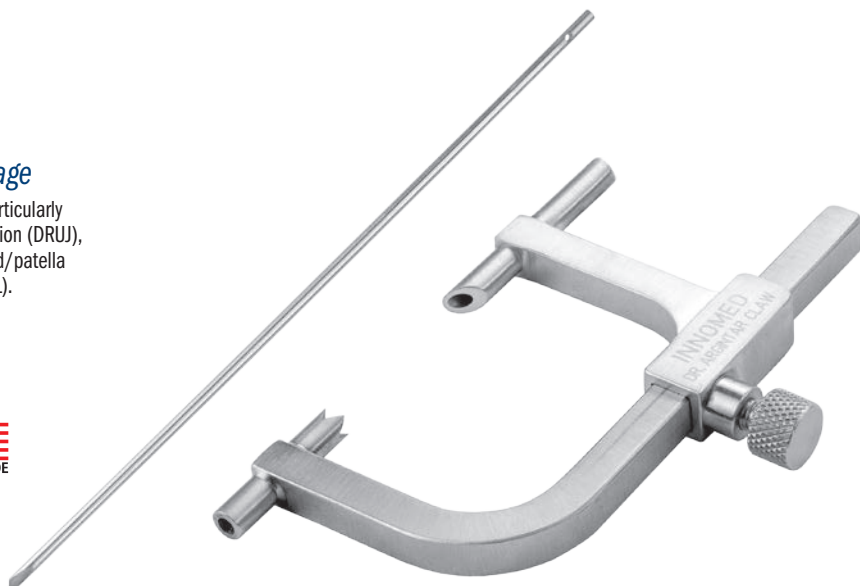
Argintar Claw Drill Guide Wire/Suture Passer

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).

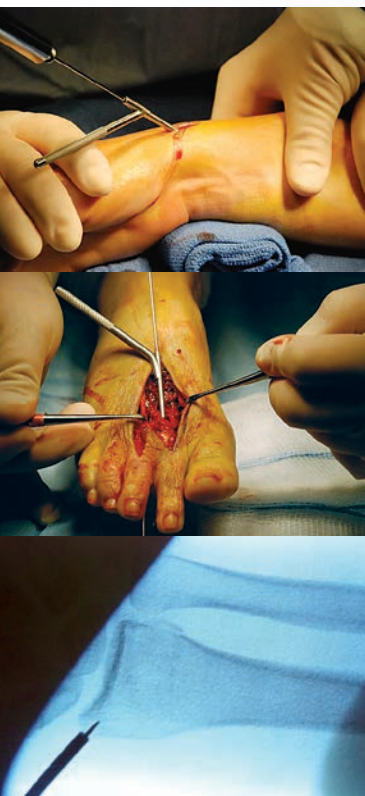
PRODUCT NO:	
8315-00	[Set: (1) Claw, (1) Wire/Suture Pin]
8315-01	[Claw Unit]
Overall Dimensions: 2.5" x 4"-6" (6,4 cm x (10,2 cm-15,2 cm)	
1227	[3/32" (2 mm) Pin with Wire/Suture Hole]
Overall Length: 6" (15,2 cm)	



Sanders Pin Inserter

Designed by Richard Sanders, MD

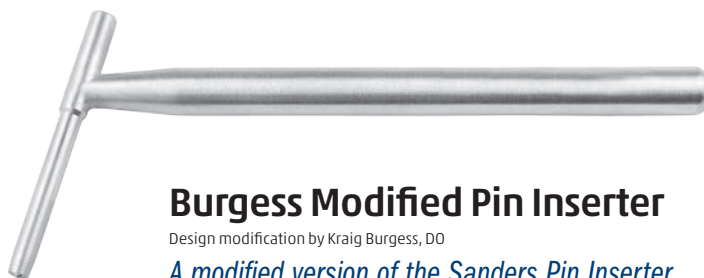
*Designed to aim and control the placement of flexible k-wires
when they contact hard cortical bone, while helping to protect
neurovascular structures from the spinning wire*



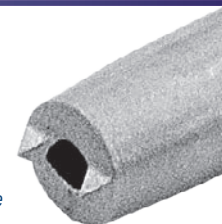
The ends of the guide are smooth and can be passed through skin and tissue with less danger to neurovascular structures. Narrow guides are ideal for wrist surgery such as distal radius fractures, intercarpal fusions, carpal dislocations, etc., where K-wires must be inserted from angles not accessible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



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



Prongs on the end
of the inserter help to
gain a purchase in the bone



Burgess Modified Pin Inserter

Design modification by Kraig Burgess, DO

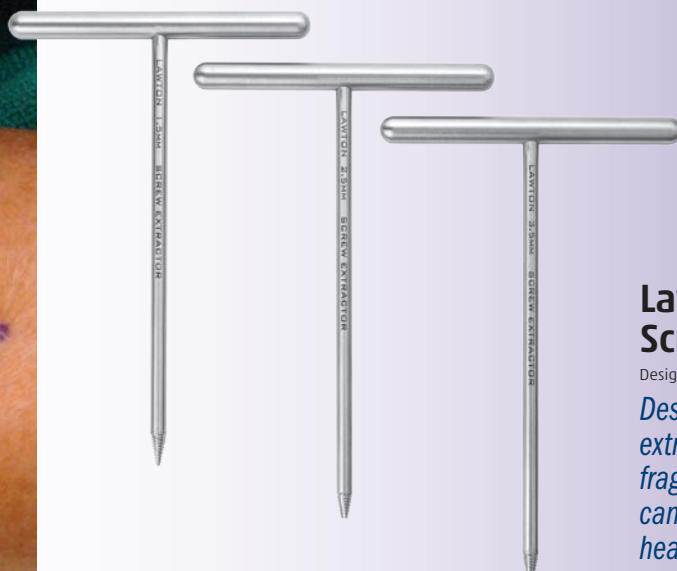
A modified version of the Sanders Pin Inserter

The two prongs on the end of the inserter help to gain a purchase in the bone to help prevent the unit from slipping.

New!

PRODUCT NO:	
3016	
Accepts k-wires up to: .054" (1,4 mm)	
Tube Length: 1.875" (4,7 mm)	
Overall Length: 4.5" (11,4 cm)	
Handle Length: 3.875" (9,8 cm)	





Lawton Screw Extractors

Designed by Jeffrey Lawton, MD

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

PRODUCT NO'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 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)



Incavo Wire Passer

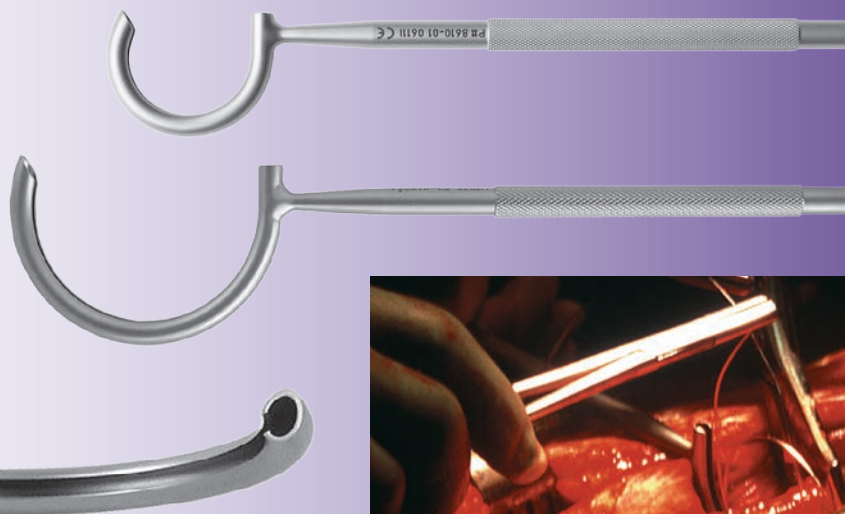
Designed by Stephen J. Incavo, MD

*Designed to pass multiple cerclage
wires around a bone during a
multiple wire wrap procedure*

PRODUCT NO'S:

8610-01 [Small]
Overall Length: 7.5" (19,1 cm)
Accepts Wire Up To: 4 mm (5/32")

8610-02 [Large]
Overall Length: 8.675" (21,3 cm)
Accepts Wire Up To: 4 mm (5/32")



Lower Extremity Leg Positioner

Designed by Ronald Romanelli, MD

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

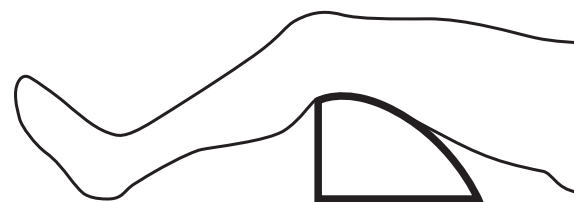
PRODUCT NO'S:

2745

Dimensions: 5.5" H x 9.5" L x 9.25" W
(12,7 cm x 24,1 cm x 23,5 cm)

Replacement Parts:

2760-P [Silicone Pad]



Designed to lift the knee for lower extremity casting applications



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)



Cherf Cast Stand

Designed by John Cherf, MD

Assists in applying short leg casts

Designed to assist in applying short leg casts, the adjustable height permits optimal leg position for the seated patient and helps insure the application of a cast with the foot/ankle at 90 degrees to the leg. The foot is placed on the tongue of the stand. Stockinette is pulled over the foot and tongue. Cast padding and plaster/fiberglass is used in a routine fashion. The cast stand is slipped forward disengaging the foot after the cast has hardened.

PRODUCT NO:

2040

Base: 18.5" x 14.5" (47 cm x 36,9 cm)

Height: Adjusts from 14" to 23.75" (35,6 cm to 55,3 cm)

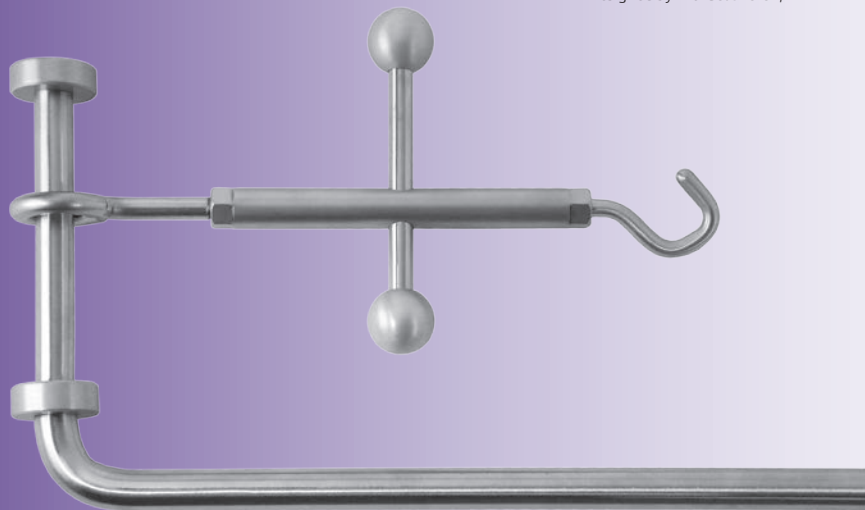
Foot Rest: 11" x 1.75" (27,9 cm x 4,4 cm)



Shereff Ankle Distractor

Helps to increase the ease and effectiveness of operative arthroscopy of the ankle with non-invasive distraction

Designed by Michael Shereff, MD



Strap for use with the Shereff Ankle Distractor



PRODUCT NO'S:

1805	[Distractor Only]
	Ankle strap not included
1805-S	[Strap Only]



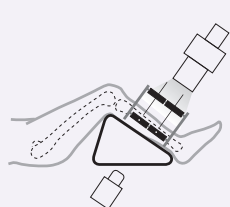
Fromm Femur & Tibia Triangles

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

Designed by S.E. Fromm, MD *

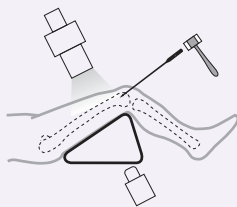
Extra Small Triangle designed by S.E. Fromm, MD & Kenneth Merriman, MD

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.



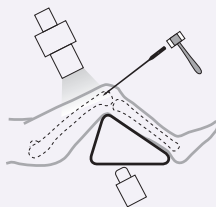
Tibia Reduced For:

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

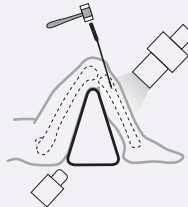


Retrograde Femoral Nailing

Triangle holds femur reduced (prevents sagging)



Retrograde Femoral Nailing



Tibial Nailing

PRODUCT NO'S:

2760-00	[Set of 3]	Angles: Top 30°, Two Bottom 75°
2760-01	[11"]	Base: 6" (15,2 cm), Height: 11" (27,9 cm)
2760-02	[14"]	Base: 7" (17,8 cm), Height: 14" (35,6 cm)
2760-03	[16"]	Base: 9" (22,9 cm), Height: 16" (40,7 cm)

Sold Separately – Not In Set:

2760-XS	[8.5"]	Base 5" (12,7 cm), Height: 8.5" (21,6 cm)
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Replacement Parts:

2760-P	[Silicone Pad]
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2760-S	[Straps]	Package of 18
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8120-SP	[Straps for XS]	Package of 10
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*Velcro® is a registered trademark of the Velcro Companies.

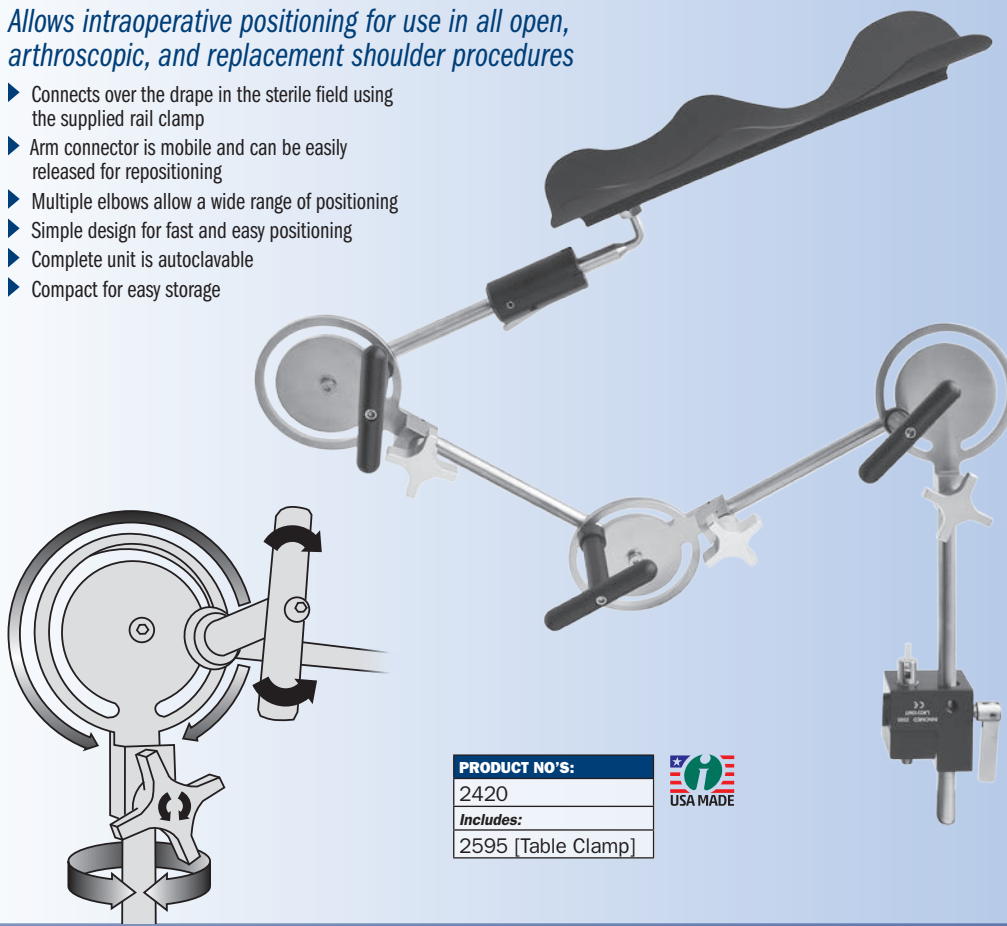


Freeman Arm Holder

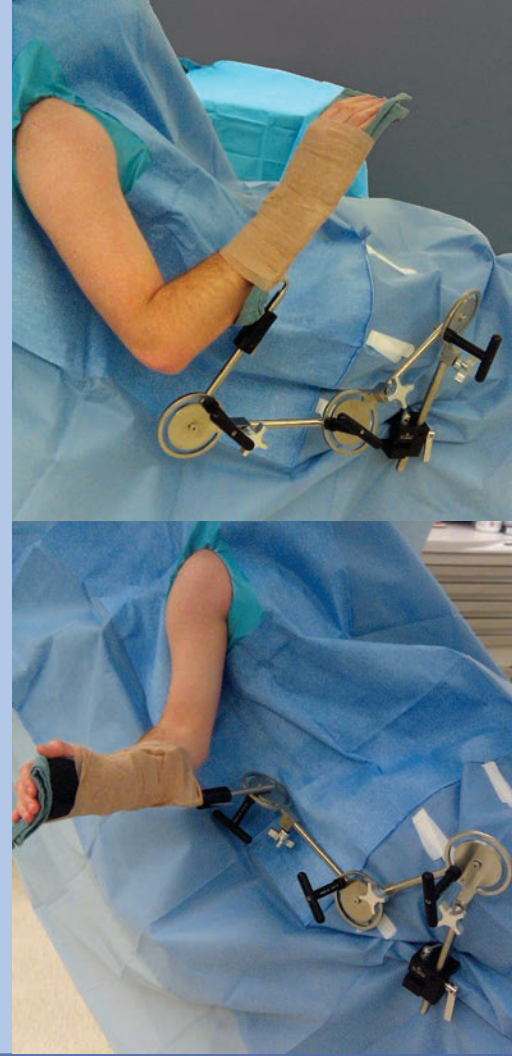
Designed by Carl R. Freeman, MD

Allows intraoperative positioning for use in all open, arthroscopic, and replacement shoulder procedures

- ▶ Connects over the drape in the sterile field using the supplied rail clamp
- ▶ Arm connector is mobile and can be easily released for repositioning
- ▶ Multiple elbows allow a wide range of positioning
- ▶ Simple design for fast and easy positioning
- ▶ Complete unit is autoclavable
- ▶ Compact for easy storage



PRODUCT NO'S:
2420
Includes:
2595 [Table Clamp]

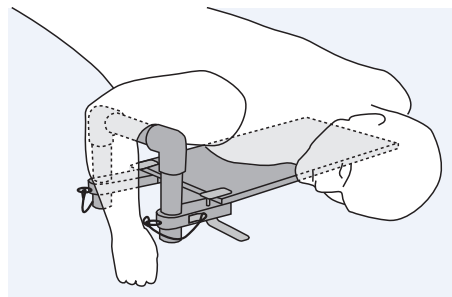


Distal Humerus Fracture Board

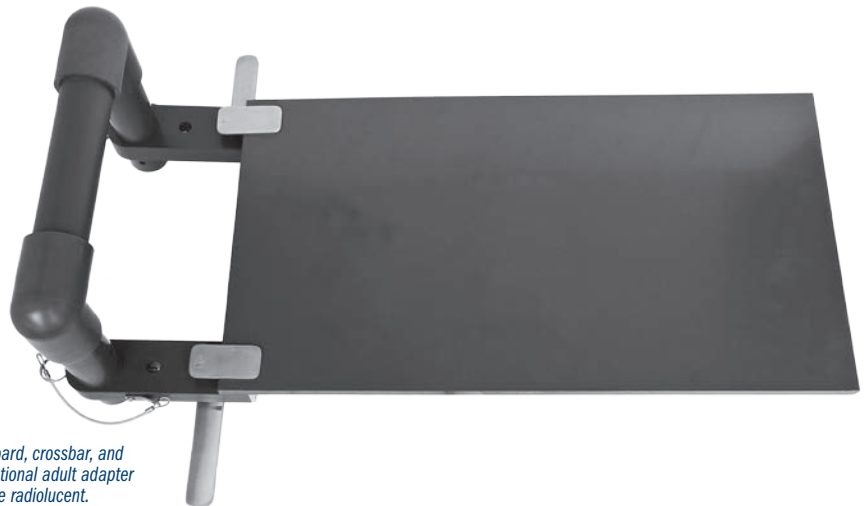
Designed by Burk Young, MD

Designed for the pinning of pediatric supra-condylar and adult distal humerus fractures

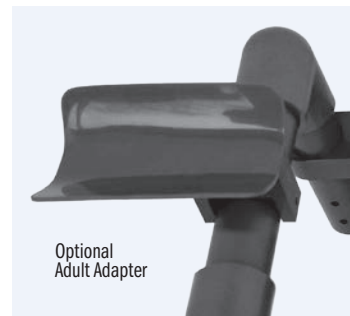
Allows the surgeon to pin these fractures without having to manually hold the fracture reduced, allowing the surgeon to focus on accurate pin placement and reduction. The height of the crossbar is fully adjustable to accommodate different size patients. Reduction is achieved by an assistant gently applying axial traction through the forearm, with the crossbar applying the counter traction. Pinning is done with the C-arm in the lateral position. An optional separate attachment to support the arm for distal humerus fractures in adults is available. Unit not sterilizable.



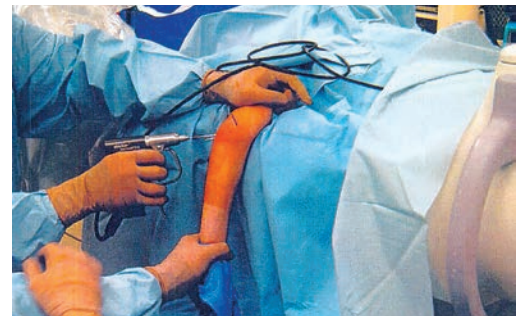
PRODUCT NO'S:
2445 [Fracture Board – Pediatric]
Main Board Dimensions: 22" x 12" (55,8 cm x 30,5 cm)
Crossbar Height Adjusts From: 4.5" to 7.5" (11,4 cm x 19,1 cm)
2445-01 [Fracture Board – With Adult Adapter]
Optional/Replacement Part:
2445-06 [Adult Adapter]



Board, crossbar, and optional adult adapter are radiolucent.



Optional Adult Adapter





Nicholson Headrest

Designed by Gregory Nicholson, MD

Helps position the patient for all types of shoulder surgery in the beachchair position

Designed to provide excellent exposure to the shoulder, the headrest can be used with standard OR tables (with no modifications to the table). The headrest provides patient support and helps position the patient for all types of shoulder surgery—arthroscopic and open—in the beachchair position. It can be quickly placed and adjusted.

PRODUCT NO'S:

2450 [Headrest]

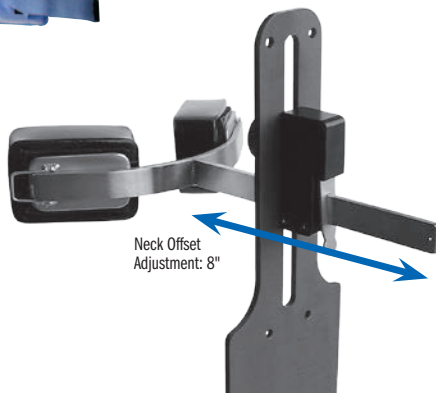
Main Plate Dimensions: 6" x 18" (15,2 cm x 45,7 cm)
Neck Offset Adjustment: 8" (20,3 cm)

Includes:

2450-S [Strap with gel pad]



A gel pad forehead strap with velcro is included for optional use.



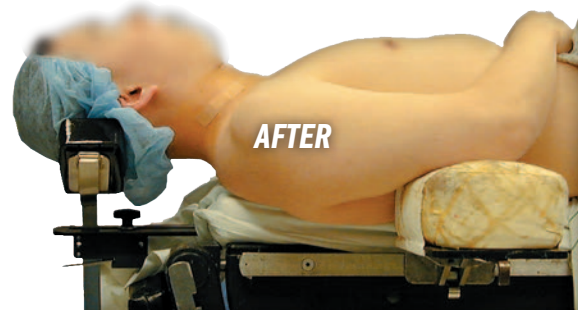
Neck Offset
Adjustment: 8"



BEFORE



Provides excellent exposure to the shoulder, and patient support



AFTER

Evans Modified Fukuda-type Retractors

Designed by Peter J. Evans, MD

Designed to retract the humeral shaft posteriorly, helping to expose the glenoid surface

Center groove allows a reamer shaft to fit more posteriorly.

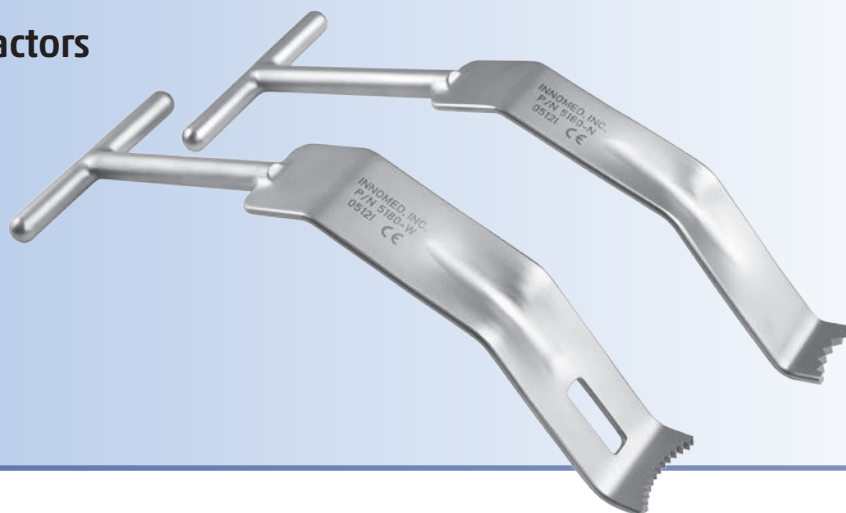
PRODUCT NO'S:

5180-N [Narrow]

Overall Length: 8.625" (21,9 cm)
Blade Width: 1" (25,4 mm)
Blade Depth: 3.75" (9,5 cm)

5180-W [Wide]

Overall Length: 8.625" (21,9 cm)
Blade Width: 1.25" (31,7 mm)
Blade Depth: 3.75" (9,5 cm)



Half Ring Fukuda-type Retractor

Designed by Brett Sanders, MD

Modified fukuda designed to improve glenoid access and labral removal during arthroplasty

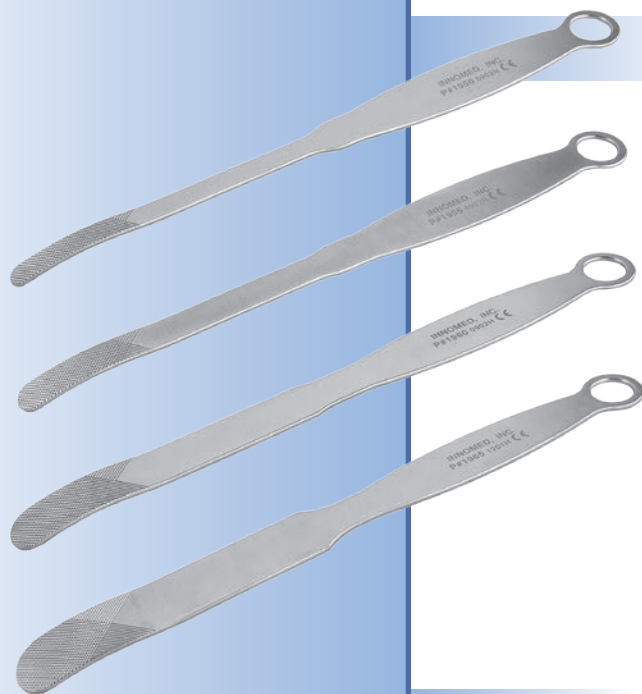
Can be shifted medial-lateral or superior-inferior to facilitate posterior labral removal and relieve reamer impingement.

PRODUCT NO:

5168

Overall Length: 7.25" (18,4 cm)
Blade Width: 1.25" (32,5 cm)
Blade End Gap: .675" (17,1 cm)



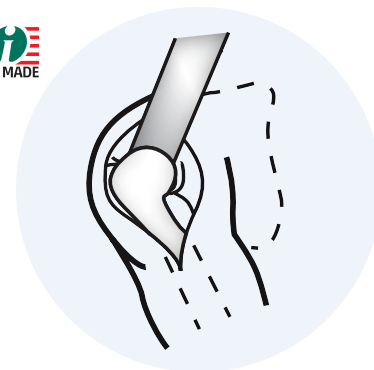


Modified Darrach-type Elevators

Available in four widths. Used for soft tissue retraction and exposure. May also be used to lever the humeral head inferiorly or superiorly and medially to expose the humeral head from the glenoid while dislocating the humeral head after subcapularis removal. May also be used to retract the humeral shaft posteriorly to help expose the glenoid.

PRODUCT NO'S:

1950 [3/8" (10 mm)]
Blade Width: 10 mm
Overall Length: 10.75" (27,3 cm)
1955 [1/2" (13 mm)]
Blade Width: 12 mm
Overall Length: 10.75" (27,3 cm)
1960 [3/4" (19 mm)]
Blade Width: 19 mm
Overall Length: 10.75" (27,3 cm)
1965 [1.0" (25 mm)]
Blade Width: 25 mm
Overall Length: 10.75" (27,3 cm)

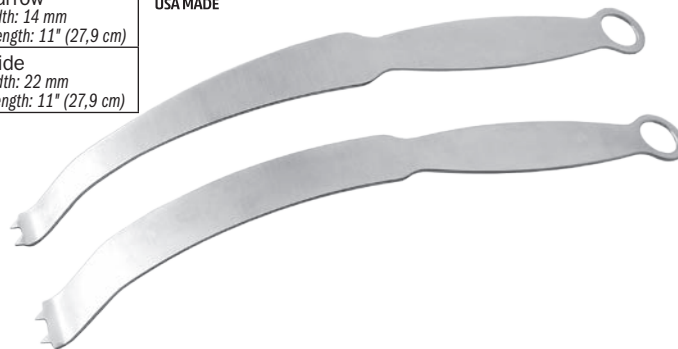


Thin Glenoid Retractors

Available in narrow and wide sizes. Used for retraction of the anterior and posterior aspects of the anterior and posterior glenoid rim.

PRODUCT NO'S:

1910 Narrow
Blade Width: 14 mm
Overall Length: 11" (27,9 cm)
1920 Wide
Blade Width: 22 mm
Overall Length: 11" (27,9 cm)

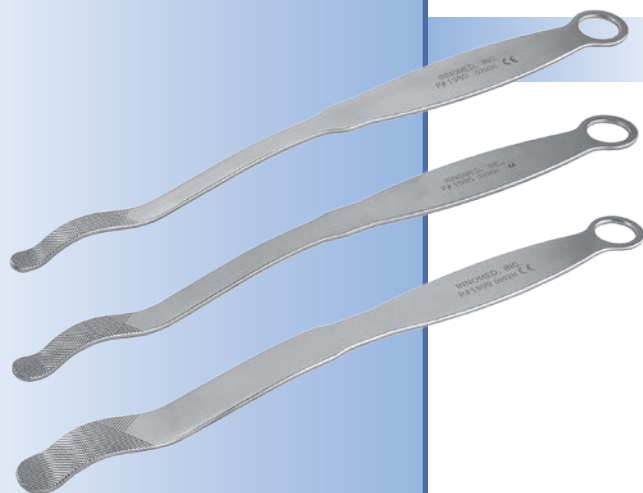
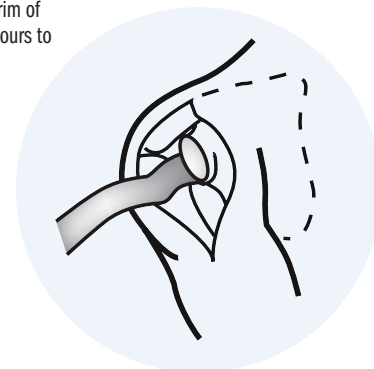


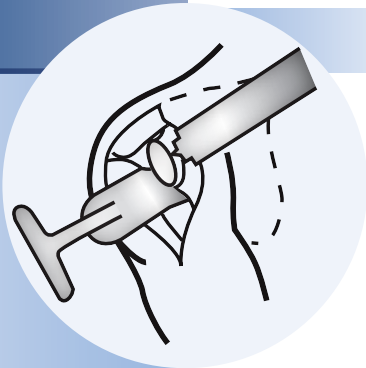
Posterior Glenoid Elevators

Available in three widths. Used to help expose the posterior aspect of the glenoid. The curved tip allows the elevator to fit on the posterior rim of the glenoid. The curve in the elevator contours to the humeral shaft for posterior retraction.

PRODUCT NO'S:

1980 [3/8" (10 mm)]
Blade Width: 10 mm
Overall Length: 11" (27,9 cm)
1985 [1/2" (13 mm)]
Blade Width: 12 mm
Overall Length: 11" (27,9 cm)
1990 [3/4" (19 mm)]
Blade Width: 19 mm
Overall Length: 11" (27,9 cm)



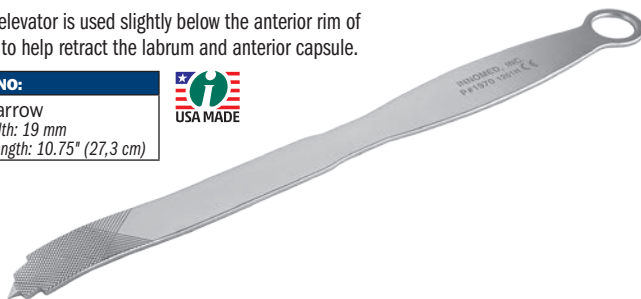


Spiked Darrach-type Elevator

The spiked elevator is used slightly below the anterior rim of the glenoid to help retract the labrum and anterior capsule.

PRODUCT NO:

1970 Narrow
Blade Width: 19 mm
Overall Length: 10.75" (27,3 cm)



Bicep Elevator

Used to help retract the biceps tendon superiorly. The two extensions allow the long head of the biceps to fit between them. The edges fit on the superior portion of the glenoid rim.

PRODUCT NO:

1975
Blade Width: 25 mm
Overall Length: 10.75" (27,3 cm)



Modified Fukuda-type Retractors

Available in small and large sizes. Used to retract the humeral shaft posteriorly and helping to expose the entire glenoid surface.

PRODUCT NO'S:

1930 Narrow
Blade Width: 32 mm
Opening: 25 x 40 mm
Overall Length: 7.25" (18,4 cm)

1940 Wide
Blade Width: 38 mm
Opening: 32 x 40 mm
Overall Length: 7.25" (18,4 cm)



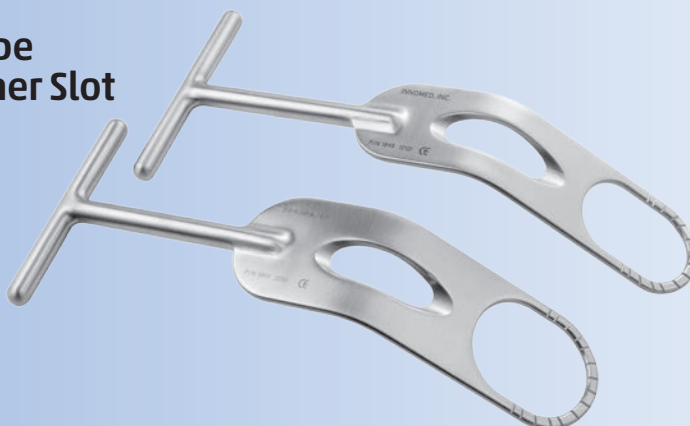
Modified Fukuda-type Retractor with Reamer Slot

Designed by Richard J. Miller, MD

PRODUCT NO'S:

1898 [Narrow]
Overall Length: 7.25" (18,4 cm)
Blade Width: 32 mm
Opening: 25 x 40 mm

1899 [Wide]
Overall Length: 7.25" (18,4 cm)
Blade Width: 38 mm
Opening: 32 x 40 mm



Center cutout slot allows the shaft of a reamer to fit more posteriorly

Not included in Set

Capsule Retractors

Retractors for use in Bankart surgery

The single prong retractor is commonly used when retracting on the inferior rim of the glenoid. The two and three-prong retractors are designed to be placed medially along the scapular neck to retract the anterior capsule and labrum.

PRODUCT NO'S:

T1008-01 [3 Prongs]
Overall Length: 10" (25,4 cm)
Prong Length: 30 mm

T1008 [2 Prongs]
Overall Length: 10" (25,4 cm)
Prong Length: 30 mm

T1009 [1 Prong]
Overall Length: 10" (25,4 cm)
Prong Length: 30 mm



Deltoid Retractor

Fits easily under the acromion, deltoid and over the humeral head

► Used in most open procedures

PRODUCT NO:

T1001
Width: 30 mm
Overall Length: 8" (20,3 cm)



Humeral Head Retractor

Placed between the glenoid and the humeral head to obtain excellent exposure

PRODUCT NO:

T1007
Blade Width: 33 mm
Prong Width: 6 mm | 21 mm Gap | 6 mm
Overall Length: 7" (17,8 cm)

MADE FOR INNOVED IN GERMANY



Kirschenbaum Acromioplasty Retractor

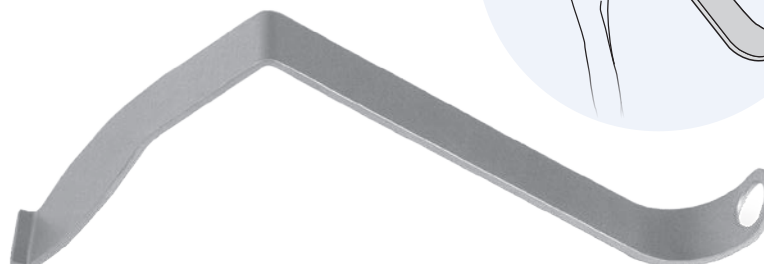
Designed by Ira Kirschenbaum, MD

Helps to protect both the posterior aspect of the shoulder and the articular surface of the humeral head during open acromioplasty and rotator cuff surgery

Designed to fit under the posterior edge of the acromion and lever the humeral head down out of the way.

PRODUCT NO:

5840
Overall Length: 9,25" (23,5 cm)
Blade Width at Tip: 21 mm





Posterior Glenoid Neck Retractor

Used during osteotomy of the humeral head and approaches to the glenoid

- Designed to allow one finger retraction
- Contours to allow teeth to fit behind the glenoid, retracting tissue for easy access to the glenoid

PRODUCT NO:

T1002

Width: 30 mm

Overall Length: 10" (25,4 cm)



Anterior Glenoid Neck Retractor

Teeth are specifically designed to retract the subscapularis and capsule medially during a Bankart procedure

- The wide midsection retracts the soft tissue during anterior glenoid work
- The curved handle allows the assistant to use minimal pressure to achieve exposure

PRODUCT NO:

T1003

Width: 25 mm

Overall Length: 11" (27,9 cm)



Goldstein Glenoid Neck Retractor

Placed along the glenoid rim during open Bankart procedure to allow excellent exposure

- The convex teeth sit easily into the glenoid rim while the strong end of the shaft allows the instrument to stay out of the surgeons view

PRODUCT NO:

T1004

Blade Width at Teeth: 18 mm

Blade Width at Widest: 36 mm

Overall Length: 8.5" (21,6 cm)



Acromioplasty Retractor

Designed to retract and protect the humeral head during resection of the inferior acromial surface

The two prongs hook the posterior aspect of the acromion for retraction. The file is used to smooth rough edges of the acromion post-resection.

PRODUCT NO:

S3008

Overall Length: 9" (22,9 cm)

Blade Width: 18 mm



Burkhead Glenoid Retractor

Designed by Wayne Burkhead, MD

The retractor bar presses against the glenoid while the end of the retractor puts pressure on the posterior capsule

PRODUCT NO'S:

5839 [Large]

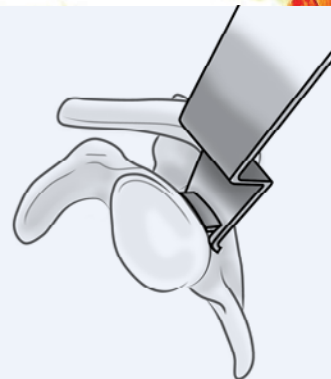
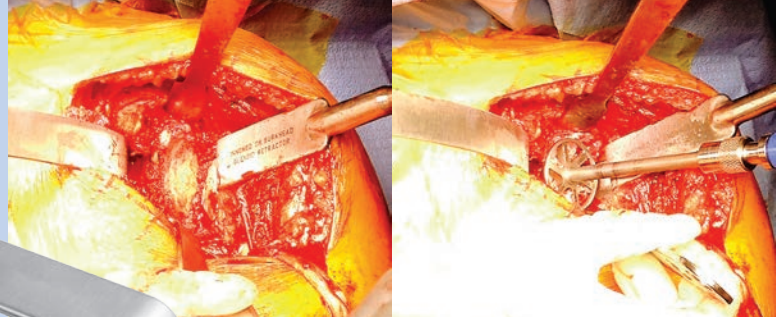
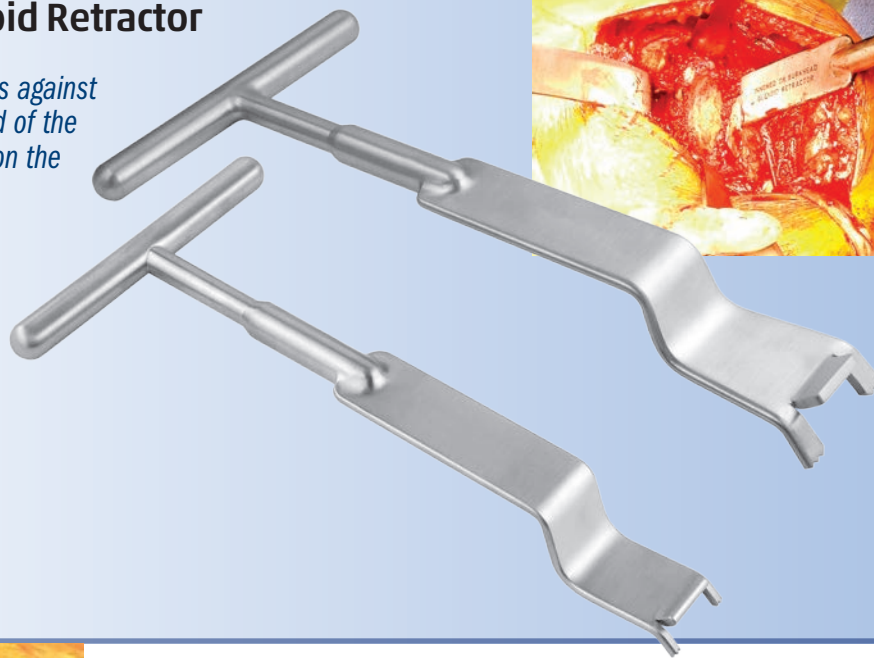
Overall Length: 9.125" (23,2 cm)

Blade Width at End: 1.5" (3,8 cm)

5839-SM [Small]

Overall Length: 8.75" (22,2 cm)

Blade Width at End: 1" (2,54 cm)



George Semi-Circumferential Glenoid Retractor

Designed by Michael S. George, MD

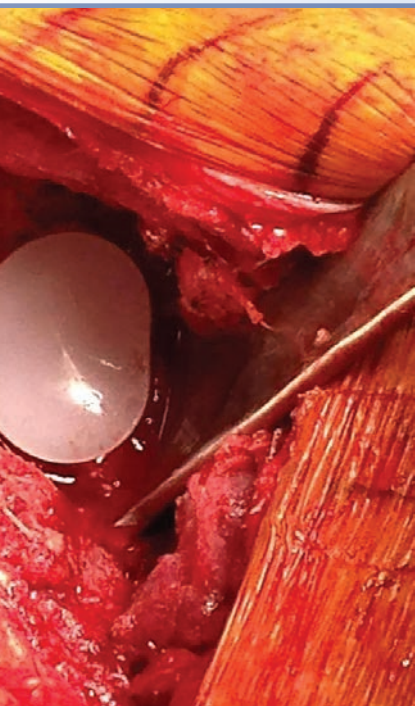
Designed to depress the humeral head and retract tissue away from the posterior half of the glenoid, helping to improve exposure for the preparation and placement of the glenoid component in total shoulder arthroplasty

PRODUCT NO:

2435

Overall Length: 8" (20,3 cm)

Blade Width: 2.125" (5,4 cm)



Humeral Head Depressor

Designed by William J. Mallon, MD

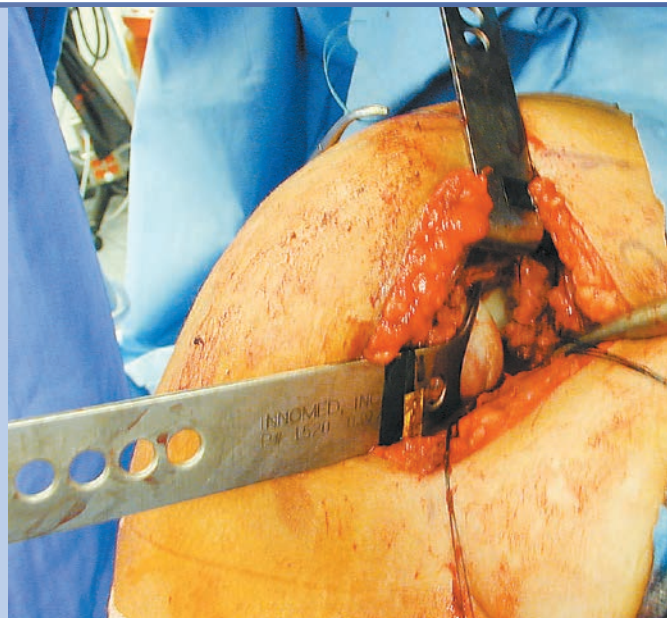
Used to help expose the glenoid fossa

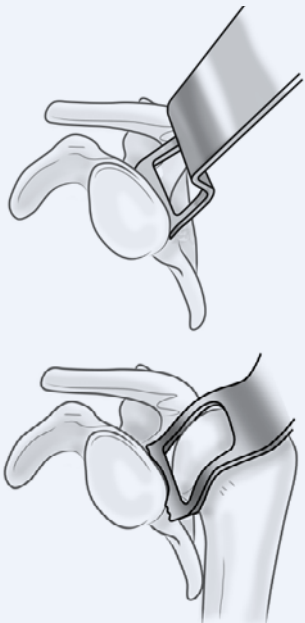
Placed over the humeral head and hooked around the posterior lip of the glenoid rim, to expose the glenoid fossa for total shoulder reconstruction and reconstructive stabilization procedures done through a standard delto-pectoral approach.

PRODUCT NO:

1520

Overall Length: 8" (20,3 cm)

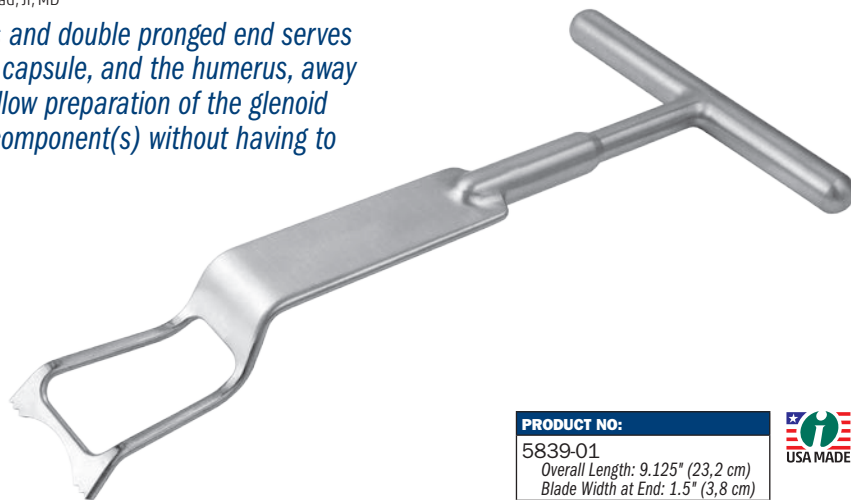




Burkhead Reversible TSA/RSA Retractor

Designed by Wayne "Buzz" Burkhead, Jr, MD

Unique shape, angles and double pronged end serves to push the posterior capsule, and the humerus, away from the glenoid to allow preparation of the glenoid and implantation of component(s) without having to remove the retractor

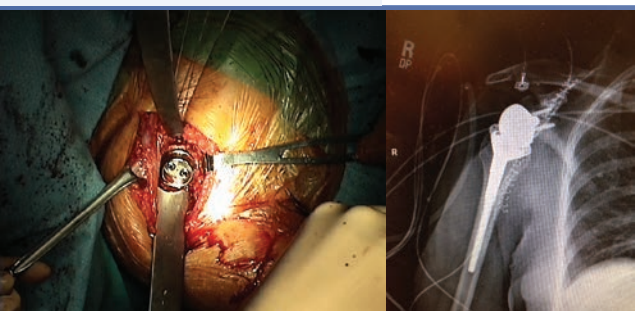


PRODUCT NO:

5839-01

Overall Length: 9.125" (23,2 cm)

Blade Width at End: 1.5" (3,8 cm)



Bacastow Glenoid Retractors

Designed by David Bacastow, MD

Designed for glenoid exposure, particularly for reverse shoulder replacement applications, where it is important to get inferiorly

Allows visualization and direct access to the glenosphere base plate through a deltopectoral incision with intact pectoralis major insertion.



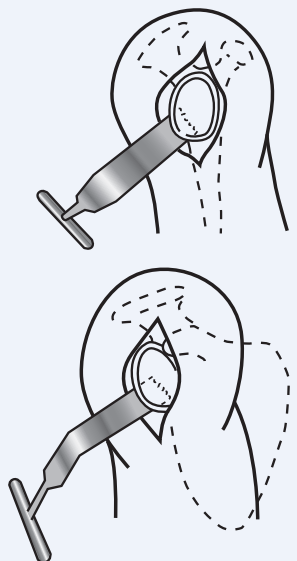
PRODUCT NO'S:

1897-L [Left]

Overall Length: 11.75" (29,8 cm)

1897-R [Right]

Overall Length: 11.75" (29,8 cm)



Agrawal Talon Retractor

Designed by Vivek Agrawal, MD

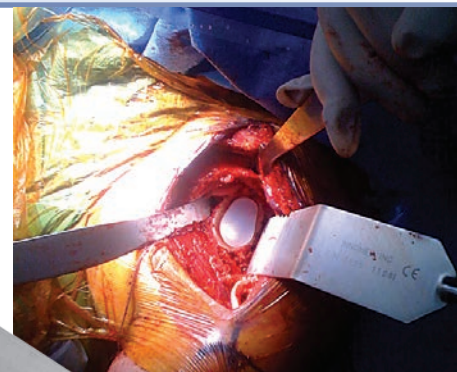
Designed to help facilitate glenoid exposure in total shoulder arthroplasty

PRODUCT NO:

4695

Overall Length: 7.875" (20 cm)

Blade Width: 40.7 mm



Levy Anterior Glenoid Retractor

Designed by Jonathan Levy, MD

Designed to help alleviate tension on anterior glenoid structures and the handle is designed to optionally be clamped to the drape

PRODUCT NO:

4536

Overall Length: 10.5" (26,7 cm)
Depth from Bend: 5.875" (14,9 cm)
Blade Width: .75" (1,9 cm)
Tooth Gap: .325" (8,2 mm)



New!



New!

Gunther Glenoid Retractor

Designed by Stephen B. Gunther, MD

Ergonomic design helps to retract the humeral head posteriorly during glenoid exposure while avoiding reamer contact during shoulder replacement surgery

PRODUCT NO:

1999

Overall Length: 11" (27,9 cm)
Neck Width: .625" (15,9 mm)
Prong Outside Width: 1" (25,4 mm)
Prong Inside Width: .625" (15,9 mm)



Levy Wide Deltoid Retractor

Designed by Jonathan Levy, MD

Designed for management of proximal humerus fractures—facilitates appropriate deltoid retraction without interference during active fluoroscopy

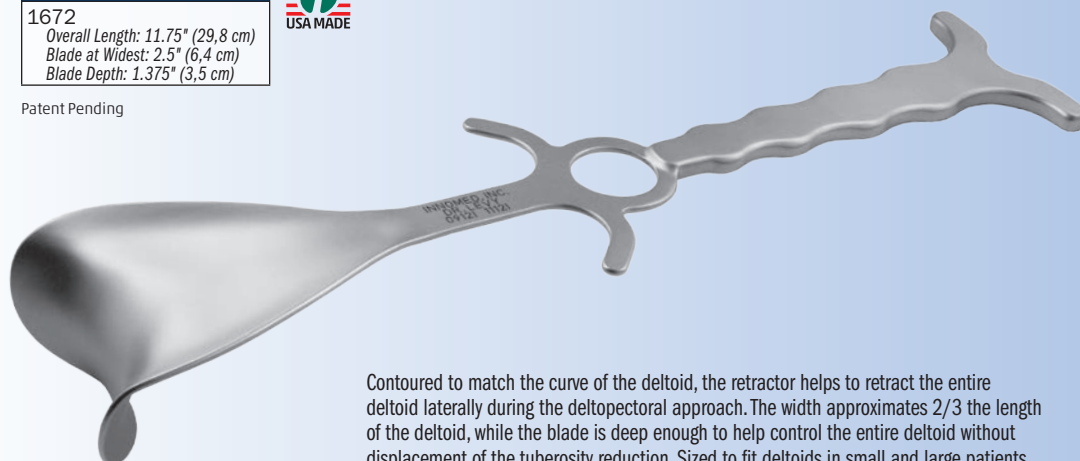
PRODUCT NO:

1672

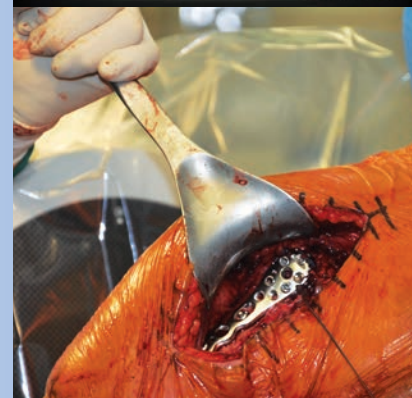
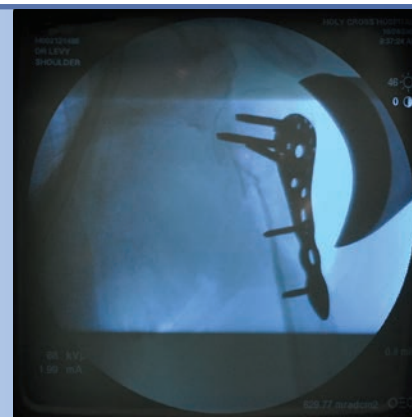
Overall Length: 11.75" (29,8 cm)
Blade at Widest: 2.5" (6,4 cm)
Blade Depth: 1.375" (3,5 cm)

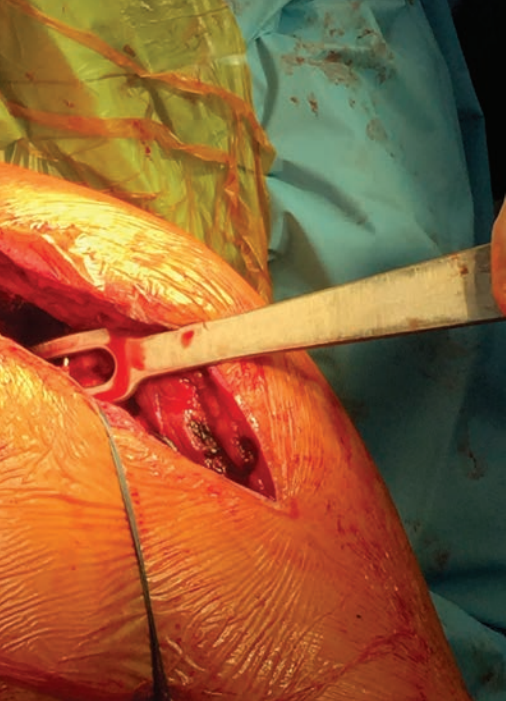


Patent Pending



Contoured to match the curve of the deltoid, the retractor helps to retract the entire deltoid laterally during the deltopectoral approach. The width approximates 2/3 the length of the deltoid, while the blade is deep enough to help control the entire deltoid without displacement of the tuberosity reduction. Sized to fit deltoids in small and large patients.





Glenosphere Component Retractor

Designed by Tim Seachris

Designed for use in total and reverse shoulder arthroplasty

Coated prongs help protect component surfaces.



New!

PRODUCT NO:

5841

Overall Length: 10.125" (25,7 cm)

Blade Width: .9375" (2,4 cm)



Kaminsky Radiolucent Browne-type Deltoid Retractors

Used for the Delto-Pectoral Approach—can remain in place for fracture reduction, plate positioning, and screw/wire/drill location confirmation

Designed by Sean B. Kaminsky, MD

Contours the humeral head with deltoid retraction allowing extensive exposure. Helps to reduce operative time, assist in fracture reduction, and maintain hardware position without the frequent need for retractor removal and reintroduction. Also helps to prevent from scratching component surfaces.

PRODUCT NO'S:

1670-01R [Small]

Blade Width: 45 mm

Overall Length: 11.5" (29,2 cm)

1670-02R [Large]

Blade Width: 57 mm

Overall Length: 11.5" (29,2 cm)

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SWITZERLAND



Made of lightweight carbon fiber PEEK composite material—strong, completely radiolucent, and can be steam sterilized



Browne Deltoid Retractor

Used for the Delto-Pectoral Approach

Contours the humeral head with effortless deltoid retraction allowing extensive exposure.

PRODUCT NO'S:

1670-01 [Small]

Blade Width: 45 mm

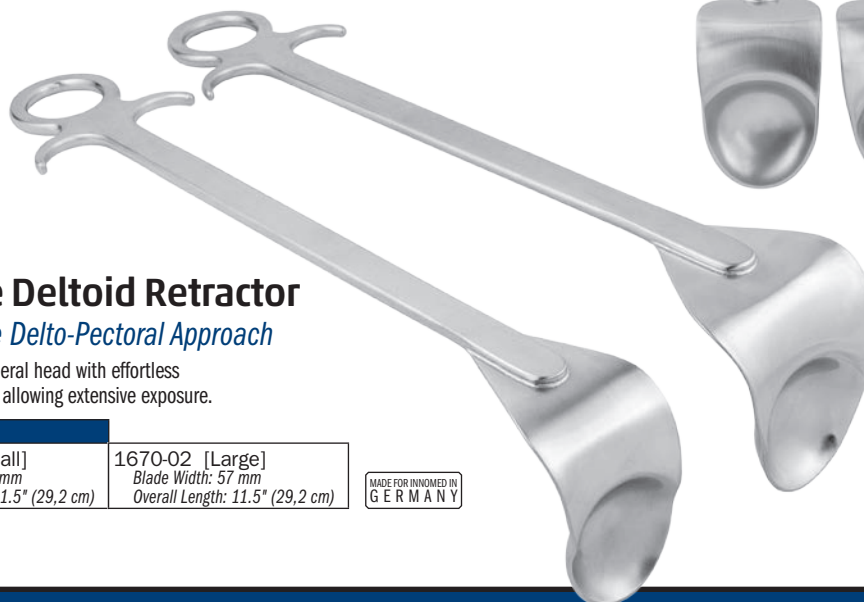
Overall Length: 11.5" (29,2 cm)

1670-02 [Large]

Blade Width: 57 mm

Overall Length: 11.5" (29,2 cm)

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GERMANY



Bolanos Shoulder Retractor

Designed by Alberto Bolanos, MD

Designed for mini-open rotator cuff repairs and shoulder arthroplasty, the contour matches the humeral head and the rounded edge helps avoid trauma to surrounding musculature

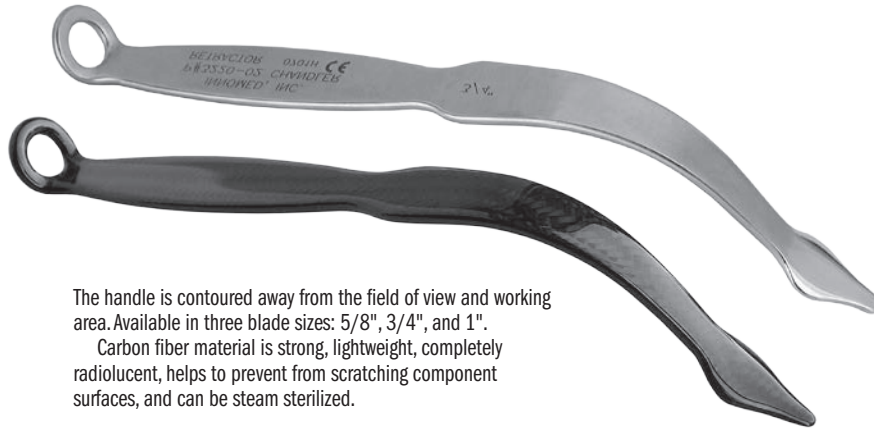
Depth matches girth of most patients, while the comfortable handle makes it easier for assistants to hold.

PRODUCT NO:

3222

Overall Length: 7.5" (19,1 cm)

Blade Width at Widest: 1" (2,54 cm)



The handle is contoured away from the field of view and working area. Available in three blade sizes: 5/8", 3/4", and 1".

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

Chandler Retractor

Used for retracting tissue away from the bone

PRODUCT NO'S:

3220-01 [5/8"] (15,9 mm)

Overall Length: 9.125" (23,5 cm)

Blade Width: 16 mm

3220-02 [3/4"] (19 mm)

Overall Length: 9.125" (23,5 cm)

Blade Width: 19 mm

3220-04 [1"] (25,4 mm)

Overall Length: 9.125" (23,5 cm)

Blade Width: 25,4 mm

3220-02R* [Radiolucent 3/4"] (19 mm)

Overall Length: 9.125" (23,5 cm)

Blade Width: 19 mm



* MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND



Four sizes available

Radiolucent, lightweight retractor helps to retract soft tissues for enhanced exposure

Radiolucent Richardson-type Soft Tissue Retractor

Designed by Sean B. Kaminsky, MD

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

PRODUCT NO'S:

3231-23R [23 mm]

Overall Length: 13" (33 cm)

Large Blade: 23 mm x 36 mm

3231-30R [30 mm]

Overall Length: 13" (33 cm)

Large Blade: 30 mm x 42 mm

3231-37R [37 mm]

Overall Length: 13" (33 cm)

Large Blade: 37 mm x 52 mm

3231-44R [44 mm]

Overall Length: 13" (33 cm)

Large Blade: 44 mm x 78 mm



Evans Reverse Hohmann Retractor

Designed by Peter J. Evans, MD

Designed for total shoulder arthroplasty and open rotator cuff procedures

Smaller size useful for retracting the deltoid muscle and other structures.

PRODUCT NO:

4547

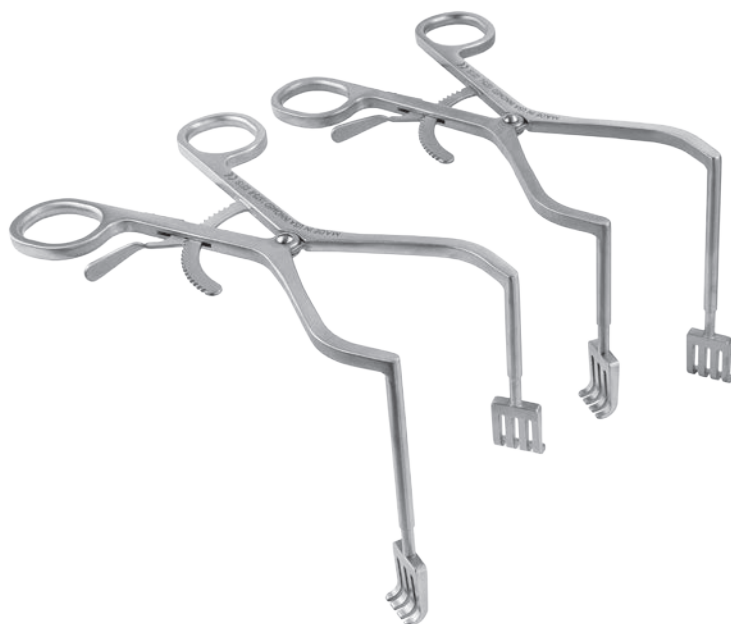
Overall Length: 8.5" (21,6 cm)

Blade Width: Tapers from 30 mm to 18 mm

Blade Depth: 3" (7,6 cm)

Prong Width: 6 mm





Durham Offset Zelpi Retractor

Designed by Alfred Durham, MD

Staggered depth retractor designed for exposure during total hip and total shoulder surgery

- ▶ In hip surgery, with the handle towards the surgeon, the longer leg is on the inside.
- ▶ In shoulder surgery, with the handle downward, the longer leg is on the outside.
- ▶ The longer leg extends 1.1" (2,8 cm) deeper.

PRODUCT NO'S:

1573-L [Left]

Overall Length: 8.5" (21,6 cm)

Leg Depths: 3.1" & 4.2" (7,9 cm & 10,7 cm)

1573-R [Right]

Overall Length: 8.5" (21,6 cm)

Leg Depths: 3.1" & 4.2" (7,9 cm & 10,7 cm)



PRODUCT NO'S:

1730

Overall Length: 3.5" (8,9 cm)

Blade Size: 10 mm x 12 mm

1735

Overall Length: 4.5" (11,4 cm)

Blade Size: 14 mm x 13 mm

1740

Overall Length: 4.5" (11,4 cm)

Blade Size: 16 mm x 13 mm

1745

Overall Length: 5.5" (14 cm)

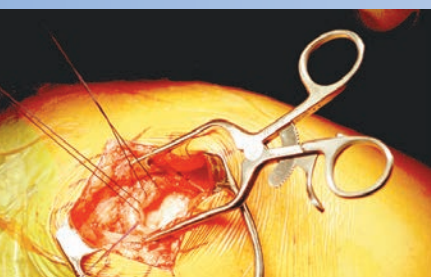
Blade Size: 18 mm x 13 mm

1750

Overall Length: 6.5" (16,5 cm)

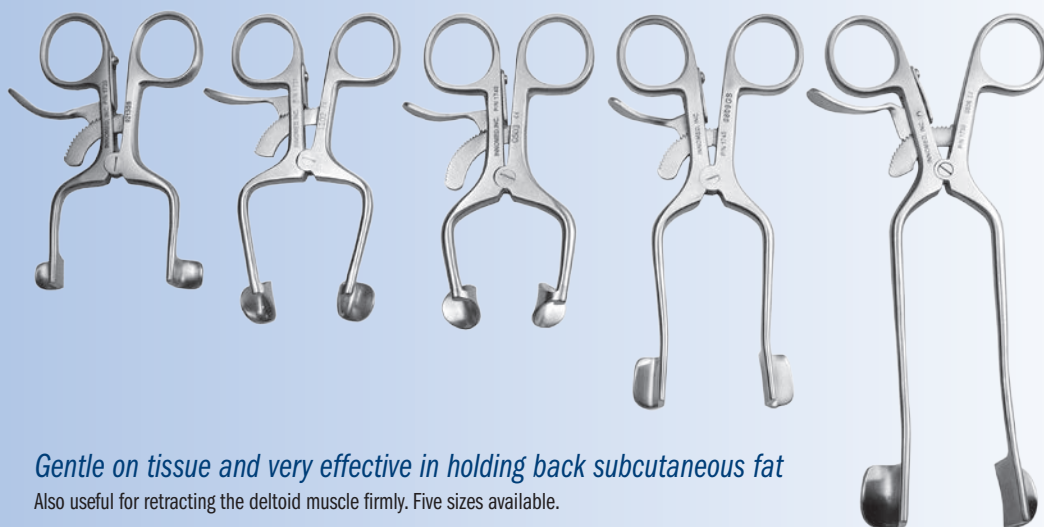
Blade Size: 22 mm x 14 mm

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Hendren Self-Retaining Retractors

Designed by D.H. Hendren, MD



Gentle on tissue and very effective in holding back subcutaneous fat

Also useful for retracting the deltoid muscle firmly. Five sizes available.

Gerber Sub-Acromion Retractors

Designed to gain optimal access to the subacromion space

Designed to gain optimal access to the subacromion space by distracting inferiorly the humeral head from the acromion.



PRODUCT NO'S:

Standard

1640-01 [Right]

Blade Length: 19 mm

Inside Ring Dia.: 32 mm

Overall Length: 7" (17,8 cm)

1640-02 [Left]

Blade Length: 19 mm

Inside Ring Dia.: 32 mm

Overall Length: 7" (17,8 cm)

Modified

1641-01 [Right]

Blade Length: 34 mm

Inside Ring Dia.: 25 mm

Overall Length: 7" (17,8 cm)

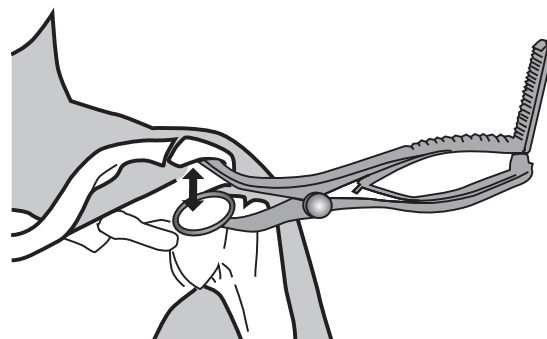
1641-02 [Left]

Blade Length: 34 mm

Inside Ring Dia.: 25 mm

Overall Length: 7" (17,8 cm)

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GERMANY



Kolbel Self-Retaining Glenoid Retractors



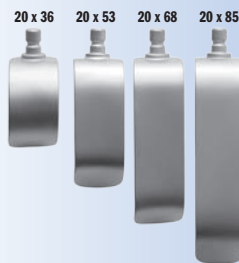
**Radiolucent
Blades
Now Available!**

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

Kolbel Self-Retaining Retractor Blades



PRODUCT NO'S:	
Wide Blades	
T1018	[36 x 36 mm]
T1019	[36 x 53 mm]
T1020	[36 x 68 mm]
T1021	[36 x 85 mm]
Radiolucent Blade	
T1019-R*	[36 x 53 mm]



Narrow Blades	
T1022	[20 x 36 mm]
T1023	[20 x 53 mm]
T1024	[20 x 68 mm]
T1025	[20 x 85 mm]



Modified Kolbel Self-Retaining Glenoid Retractor with Hinge

Two pairs of snap-in, freely pivoting blades included.

PRODUCT NO'S:	
T1014-01	[Set]
Set Includes:	
T1015-01	[Retractor] Overall Length: 8.25" (21 cm) Length-to-hinge: 6" (15.2 cm) Arm Length: 2.25 (5.7 cm)
T1018-P	[Blades-Pair] 36 mm X 36 mm
T1019-P	[Blades-Pair] 36 mm X 53 mm



Kolbel Self-Retaining Glenoid Retractor

Two pairs of snap-in, freely pivoting blades included.

PRODUCT NO'S:	
T1014	[Set]
Set Includes:	
T1015	[Retractor] Overall Length: 8.25" (21 cm)
T1018-P	[Blades-Pair] 36 mm X 36 mm
T1019-P	[Blades-Pair] 36 mm X 53 mm

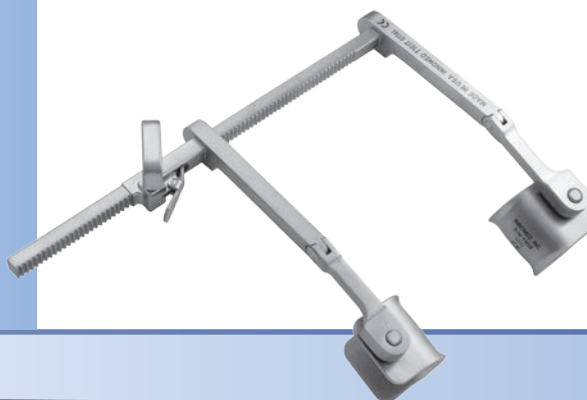


Kolbel Self-Retaining Glenoid Retractor with Center Blade

Center blade can be reversed for shallow or deep retraction

Two pairs of snap-in, freely pivoting blades included.

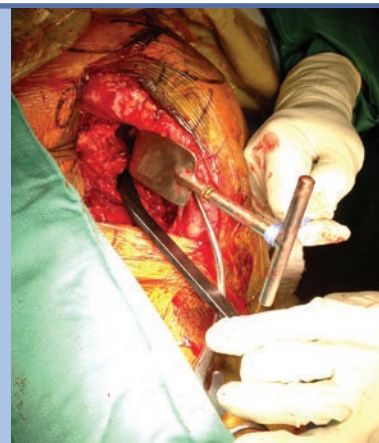
PRODUCT NO'S:	
T1050	[Set]
Set Includes:	
T1050-01	[Retractor] Overall Length: 8" (20.3 cm)
T1050-02	[Center Blade] Length-to-bend: 6.25" (15.9 cm) Depth: 2.5" (6.4 cm)
T1018-P	[Blades-Pair] 36 mm X 36 mm
T1019-P	[Blades-Pair] 36 mm X 53 mm



Kolbel Self-Retaining Retractor

Two pairs of snap-in, freely pivoting blades included.

PRODUCT NO'S:	
T1016	[Set]
Set Includes:	
T1017	[Retractor] Overall Length: 8.25" (21 cm) Arm Length: 6.125" (15.6 cm) Arm Length-to-hinge: 3" (7.6 cm)
T1018-P	[Blades-Pair] 36 mm X 36 mm
T1019-P	[Blades-Pair] 36 mm X 53 mm



Axillary Nerve Protector

Designed by Brett Sanders, MD

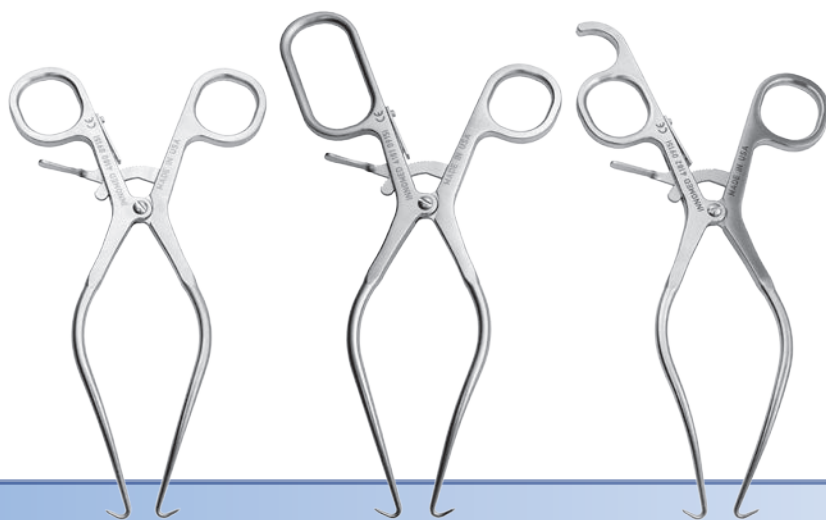
Designed for inferior capsular release during shoulder arthroplasty and glenoid exposure

The tapered freer end helps separate the axillary nerve and inferior capsule, even in difficult exposures. Non-conductive material allows the use of a bovie knife directly in the small channel cutting guide (on both sides). Reversible for right and left use.



PRODUCT NO:	
8029	
Overall Length: 7.125" (18.1 cm)	
Width: 12 mm	
Thickness: 4 mm	





New!

Gelpi Retractors

PRODUCT NO'S:

4180 [Standard]
Overall Length: 7.5" (19,1 cm)
4181 [With Ergonomic Handle]
Overall Length: 7.5" (19,1 cm)
4182 [With Finger Hook]
Overall Length: 7.5" (19,1 cm)



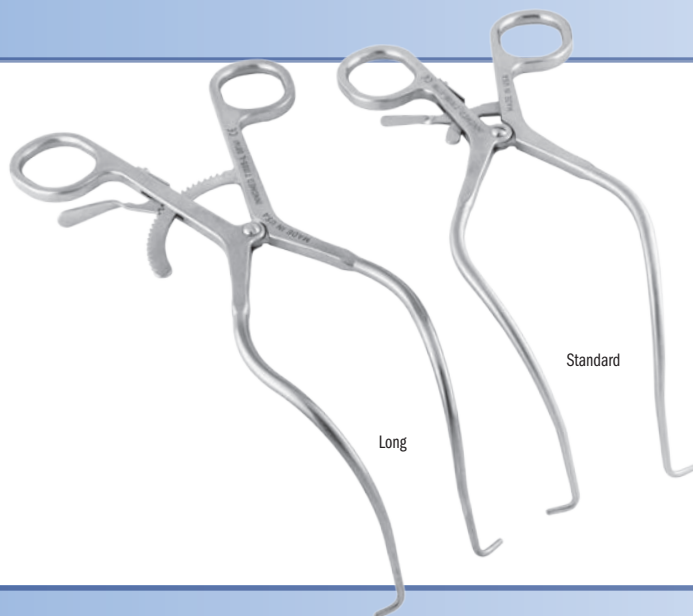
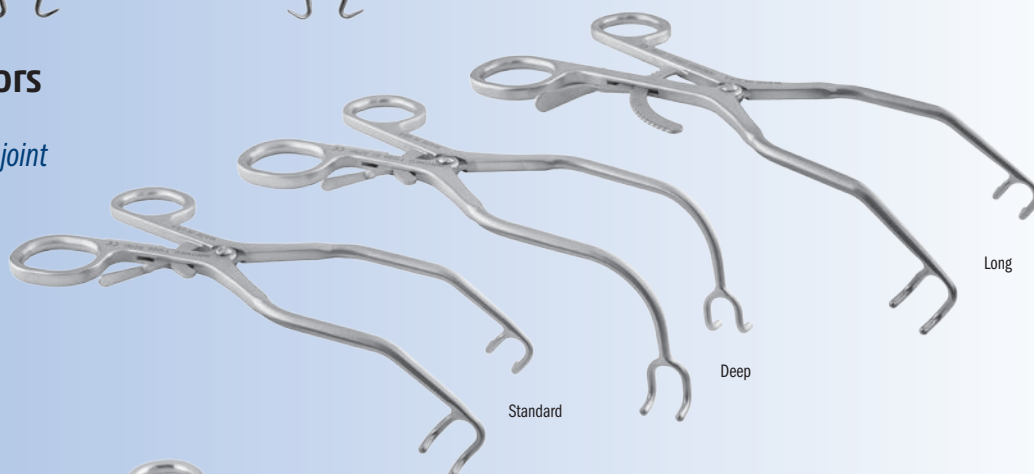
Kolbel Soft Tissue Retractors

Helps in the early phase to retract soft tissue comprising of the gleno-humeral joint

Use facilitates the introduction of deeper retractors which are required for sufficient visibility of the glenoid, acromion and rotator cuff.

PRODUCT NO'S:

T1006 [Standard]
Overall Length: 7.25" (18,4 cm)
T1006-01 [Deep]
Overall Length: 7.25" (18,4 cm)
T1006-L [Long]
Overall Length: 8.55" (21,6 cm)



Subscapularis Spreader

Reaches deep to help split the subscapularis in a Jobe approach

Also used for retracting a split deltoid in mini rotator cuff repairs.

PRODUCT NO:

T1005 [Standard]
Overall Length: 7" (17,8 cm)
T1005-L [Long]
Overall Length: 9.25" (23,5 cm)

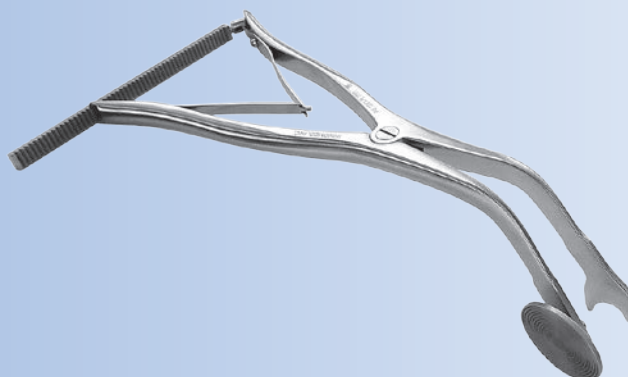


Glenoid Spreader with Forked/Disc Ends

Designed to aid glenoid exposure

PRODUCT NO'S:

1861-R [Right]
Overall Length: 10.5" (26,7 cm)
1861-L [Left]
Overall Length: 10.5" (26,7 cm)



Meyer Latarjet Drill Guide & Forceps Assembly

Designed by Professor Dominik Meyer

Aiming device for flush positioning of a bone block with a joint surface

PRODUCT NO'S:
5258-00 [Set]
Set Includes:
5258-01 [Latarjet Forceps] Overall Length: 5.875" (14,9 cm)
5258-02 [Latarjet Drill Guide] Overall Length: 8.5" (21,6 cm) Drill Hole Diameter: 3.5 mm
1025 [Case]



New!



The osteotomized coracoid is fixed with the lateral, joint-facing side of the coracoid (where the ligament is) facing the flange of the drill-guide.



Two 3.5 mm guiding holes are drilled.



The drill guide is held against the antero-inferior glenoid, the flange sitting on the cartilage, and the first 2.5 mm thread hole for screw fixation is drilled.



The second 2.5 mm thread hole is drilled parallel to a 2.5 mm pin that has been inserted in the first hole to ensure correct distance and orientation.



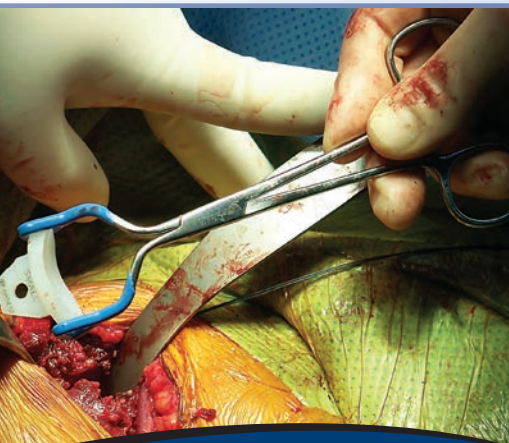
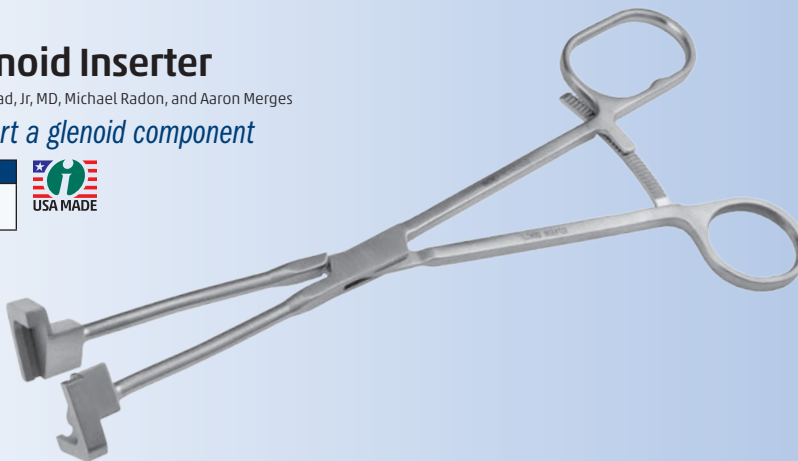
The coracoid is now fixated using two 3.5 mm or 4.5 mm screws flush with the cartilage, due to the identical distance between flange and screw holes on coracoid and glenoid.

Burkhead Glenoid Inserters

Designed by Wayne "Buzz" Burkhead, Jr, MD, Michael Radon, and Aaron Merges

Designed to help insert a glenoid component

PRODUCT NO:
4689
Overall Length: 9.875" (25,1 cm)

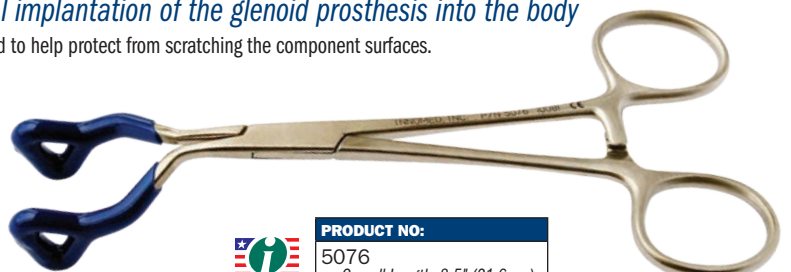


Glenoid Inserters

Designed by Chase Kuhn & J. Kevin Rudder, MD

Designed for final implantation of the glenoid prosthesis into the body

Grasping ends are coated to help protect from scratching the component surfaces.



PRODUCT NO:
5076
Overall Length: 8.5" (21,6 cm)



Humeral Protection Plates

Designed by Ronald E. Delanois, MD

Helps protect the proximal humerus from fracture after humeral head osteotomy

Plate is placed on the proximal humerus after the initial osteotomy of the humeral head for total shoulder replacement. Helps protect the proximal humerus from fracture as the humerus is retracted to gain visualization of the glenoid to prepare it for a glenoid implant.

PRODUCT NO'S:

5259-01 [46mm]

5259-02 [50mm]



Percussion Awl

Used to begin tunneling the cortical bone during rotator cuff repairs or Bankart procedures

PRODUCT NO:

T1012

Overall Length: 8.625" (21,9 cm)

MADE FOR INNOVED IN GERMANY



Crochet Hook Suture Passer

Notched at tip to hook looped sutures and pull through tunneled bone

PRODUCT NO:

T1013

Overall Length: 7" (17,8 cm)

Handle Length: 4" (10,2 cm)



Arthroscopic Shoulder Rasp

Used to abrade the anterior scapular neck to stimulate a vascular healing response

Terminal bend matches the angle of the scapular neck from a standard anterior portal.

PRODUCT NO:

2310

Overall Length: 9.625" (24,4 cm)

Handle Length: 3.5" (8,9 cm)





Calvo Olecranon Reducing Forceps

Designed by Ignacio J. Calvo, MD

Designed to reduce and hold in place transverse fractures of the olecranon to facilitate the insertion of k-wires and tension bands

Also very useful in malleolus fractures.

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



Weinert Bone Holding Elbow Fracture Reduction Clamp

Designed by Carl R. Weinert, MD

Designed to securely hold an elbow fracture reduction

The stops on each end help prevent excessive penetration of metaphyseal and soft bone.

New!

PRODUCT NO'S:	
1756-L [Left]	Overall Length: 8.75" (22,2 cm)
1756-R [Right]	Overall Length: 8.75" (22,2 cm)



Lawton Double-Ended Army-Navy Retractor

Designed by Jeffrey Lawton, MD



PRODUCT NO:	
6050	Overall Length: 13" (33 cm)
	Blade Widths: Small End 1.25" (32 mm)
	Large End 2" (51 mm)



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.

Sold as a set, or available individually for replacement.

PRODUCT NO'S:

5834-00 [Set – Retractor & Two Blades]

Available Individually:

5834-01 [Blades – 2 with this number]

Overall Length: 6.375" (16.2 cm)

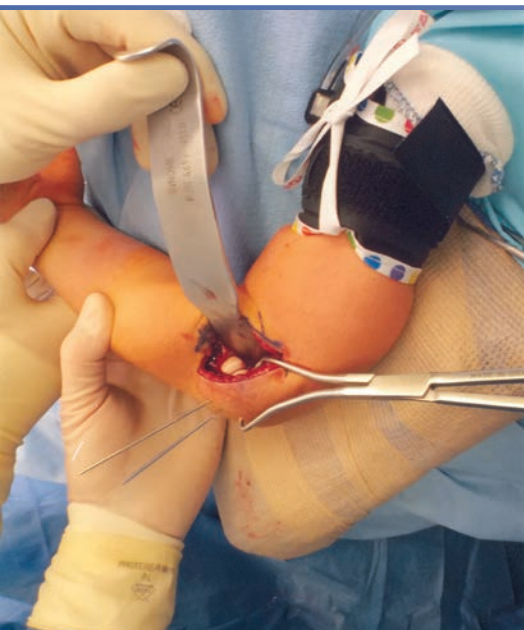
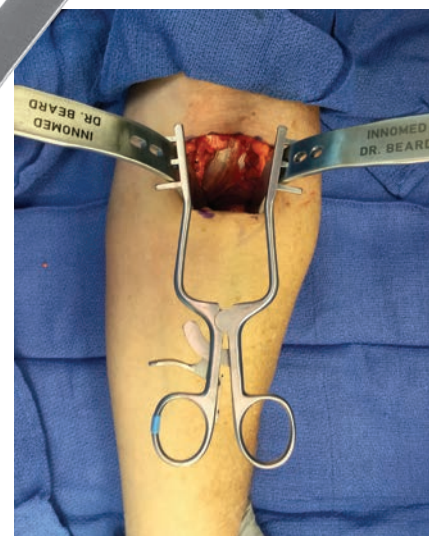
Width: .625" (16 mm)

5834-02 [Self-retaining Retractor]

Overall Length: 7.5" (19.1 cm)



New!



Lateral Condyle Fracture Set

Designed by Carl R. Weinert, MD

Designed for adult and pediatric lateral condyle fractures



New!



PRODUCT NO'S:

4697-00 [Set with Case]

Set Includes:

1755 [Reduction Clamp]

4697 [Elbow Retractor]

1015 [Sterilization Case]



Weinert Elbow Retractor

Designed for use within the elbow joint to retract the anterior capsule, and provide full exposure of the anterior articular surface for reduction and fixation of displaced lateral condyle fractures

The small blunt tip hooks over the intact medial condyle.

PRODUCT NO:

4697

Overall Length: 6" (15.2 cm)

Blade Width: 1.5" (38 mm)



Weinert Bone Holding Reduction Clamp

Designed to securely hold fracture reductions

The stops on each end help prevent excessive penetration of metaphyseal and soft bone.

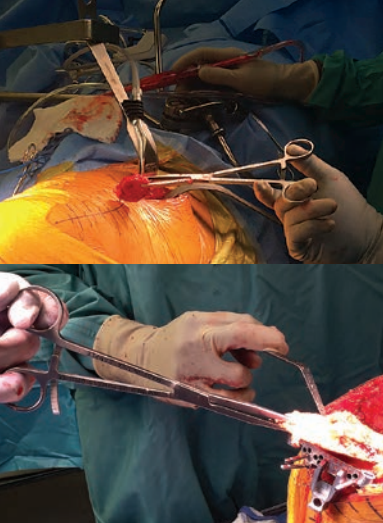
PRODUCT NO:

1755

Overall Length: 8.5" (21.6 cm)

Jaw opens to: 3" (7.6 cm)





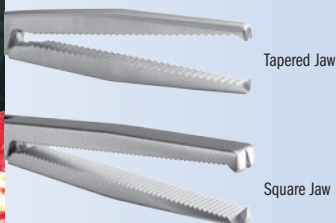
Powers Modified Kocher Clamps Designed by Mark Powers, MD

Heavier design allows for a firmer grasping of bone and soft tissues

PRODUCT NO'S:

1813 [Tapered Jaw]
Overall Length: 8.25" (21 cm)
Law Length: 2.5" (6,4 cm)

1814 [Square Jaw]
Overall Length: 8.25" (21 cm)
Law Length: 2.5" (6,4 cm)



Browner MIS Bone Clamp

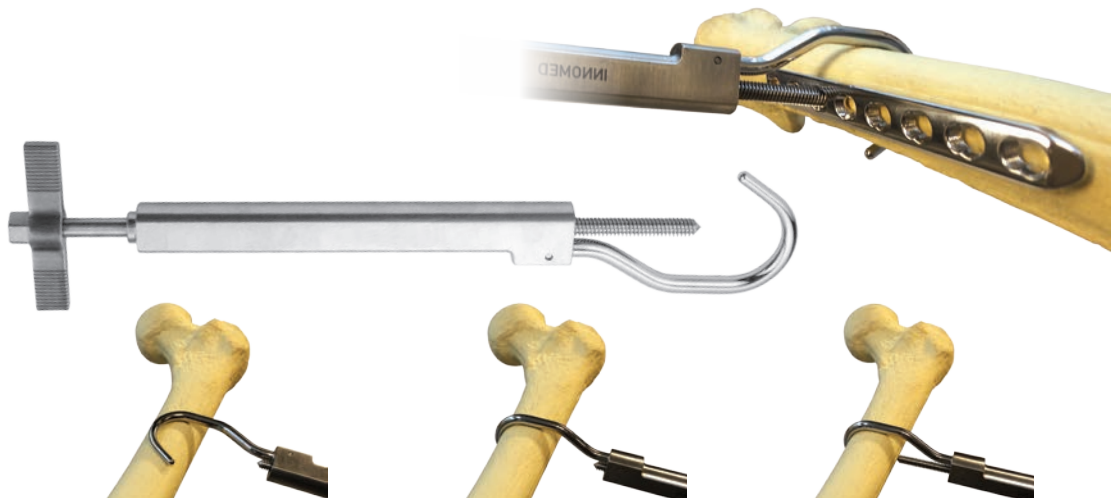
Designed by Bruce D. Browner, MD

Designed to help hold a bone or bone plate for fixation, the clamp is inserted anterior to the bone, rotated to wrap around the bone, then screwed into the desired position

Sized to allow use on a femur, tibia or humerus.

PRODUCT NO:

1379
Overall Length: 9.25" to 11.5" (23,5 to 29,2 cm)
Maximum Bone Diameter: ~ 35 mm



Durkan Ratchet Bone Clamps

Designed by John Durkan, MD

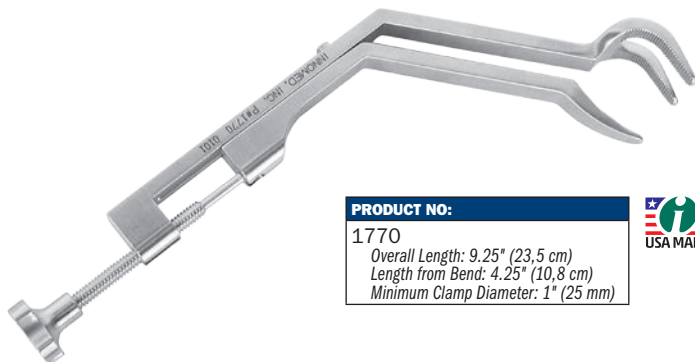
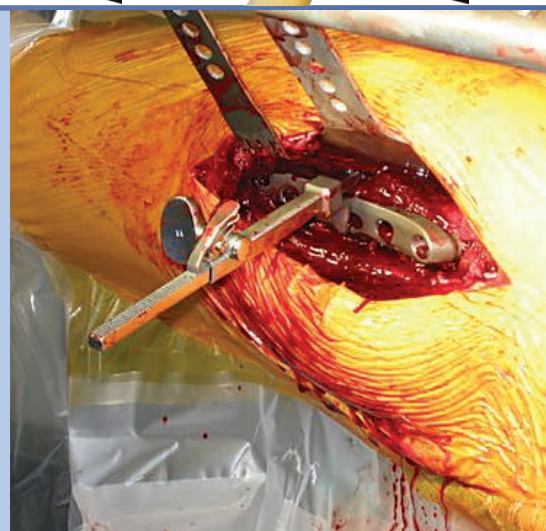
Design of ratcheting mechanism allows for quick tightening and release around the bone

PRODUCT NO'S:

1867 [Large]
Overall Length: 8.625" (21,9 cm)
Jaw opens to: 3.5" (8,9 cm)

1868 [Small]
Overall Length: 8.5" (21,6 cm)
Jaw opens to: 3.75" (9,5 cm)

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GERMANY



PRODUCT NO:

1770
Overall Length: 9.25" (23,5 cm)
Length from Bend: 4.25" (10,8 cm)
Minimum Clamp Diameter: 1" (25 mm)



Angled Lowman-Type Bone Clamp

Designed by John J. McLeod, Jr., MD

Angled for easier insertion of the jaws around the bone

The offset distance between the jaws and handle of the clamp allow space for free and easy access to use a drill or screwdriver. The angled clamp and more-open and thinner jaws facilitate easier use in deep incisions. The angled shaft also acts as a self-retaining retractor. The tightening handle is scalloped to lessen slippage when tightening or untightening.



Stoll Bone Plate Clamp

Designed by Jordan Stoll, MD

Designed to help hold a bone or bone plate in position for reduction and fixation

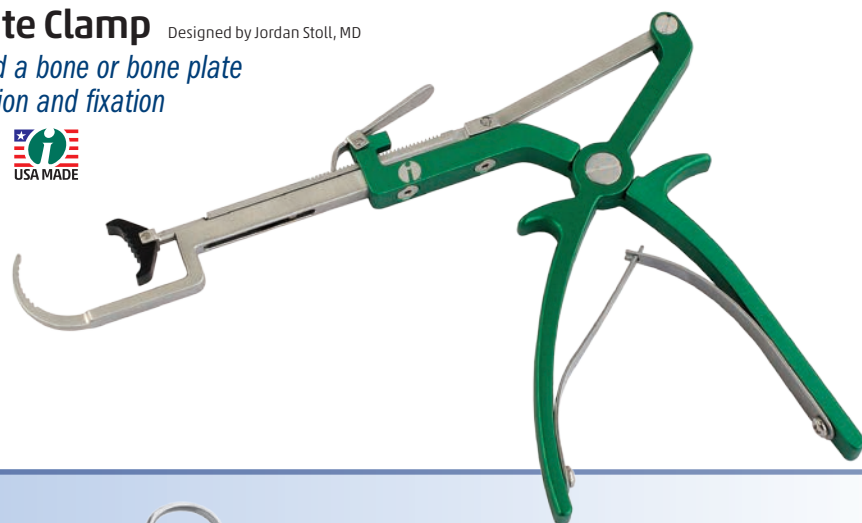
PRODUCT NO:

1774

Overall Length: 10" (25,4 cm)



New!



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. Available in two sizes, large and small, it has teeth in the jaws for a better grip and a ratchet locking handle for use on various bone diameters.

PRODUCT NO'S:

1895-01 [Small]

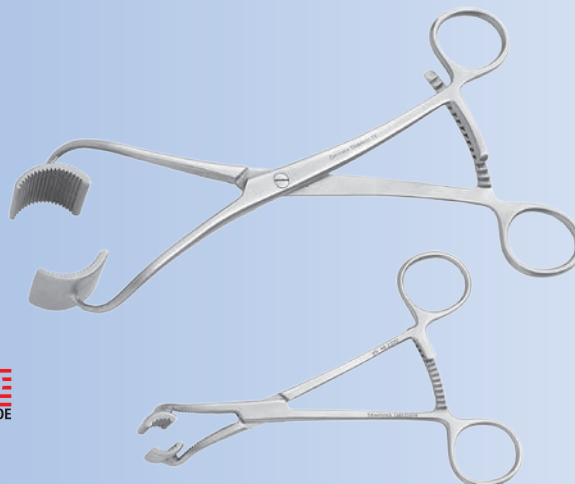
Overall Length: 5" (12,7 cm)

Pads: .75" x .45" (19 mm x 12 mm)

1895-02 [Large]

Overall Length: 8.5" (21,6 cm)

Pads: 1.25" x 1" (32 mm x 25 mm)



- ▶ Pivoting pads accommodate metaphyseal fractures
- ▶ The quick release enables adjustment without losing reduction
- ▶ Helps provide provisional reduction of diaphyseal fractures – humeral shaft fractures, tibial fractures

PRODUCT NO:

1808

Overall Length: 9.25" (23,5 cm)

Arm Downward Offset: 15 mm

Pad Dimensions: 1" x .375" (25,4 cm x 1 cm)



Chen Diaphyseal Fracture Reduction Clamp

Designed by Franklin Chen, MD

Designed to facilitate and maintain reduction of the internal fixation of diaphyseal and meta-diaphyseal fractures of long bones

Works especially well with short oblique bones while providing room to implement the plate with this bone clamp still in place.

Radiolucent Small Bone Clamp

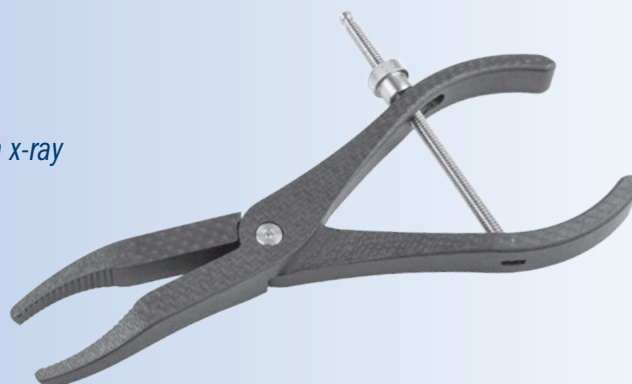
Can be kept in place while using image intensification or taking an x-ray

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

PRODUCT NO:

1828

Overall Length: 7" (17,8 cm)





Shark Tooth Grasper

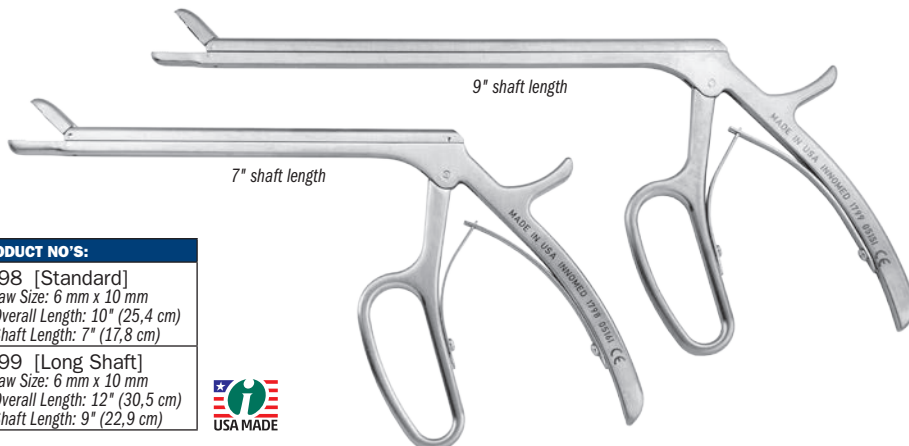
Designed by Luis Ulloa

Sharp teeth help grasp onto tissue and bone

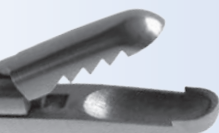
Helpful in removing the labrum, and osteophytes around the acetabulum and around the glenoid. Also helps to remove meniscus, osteophytes and loose bodies. Helps facilitate working through a small incision without disrupting vision.



PRODUCT NO'S:	
1798 [Standard]	Jaw Size: 6 mm x 10 mm Overall Length: 10" (25,4 cm) Shaft Length: 7" (17,8 cm)
1799 [Long Shaft]	Jaw Size: 6 mm x 10 mm Overall Length: 12" (30,5 cm) Shaft Length: 9" (22,9 cm)



Shark Tooth Jaw



Saw Tooth Jaw

Cartilage Graspers

Helps to grasp and hold cartilage, tendons, soft tissues and loose bodies

Shaft allows for use in narrow spaces.



Saw Tooth Jaw with 6" (15,2 cm) Shaft.

PRODUCT NO:	
1785 [Saw Teeth]	Shaft Length: 6" (15,2 cm) Overall Length: 9.25" (23,5 cm)



Shark Tooth Jaw with 8" (20,3 cm) Shaft.

Shark Tooth Jaw with 5" (12,7 cm) Shaft.

PRODUCT NO'S:	
1777 [5" with Shark Teeth]	Shaft Length: 5" (12,7 cm) Overall Length: 8.25" (21 cm) Jaw Bite: 2 mm x 6.5 mm

Shark tooth design modification by Michael Soudry, MD

1779 [8" with Shark Teeth]	Shaft Length: 8" (20,3 cm) Overall Length: 11.25" (28,6 cm)
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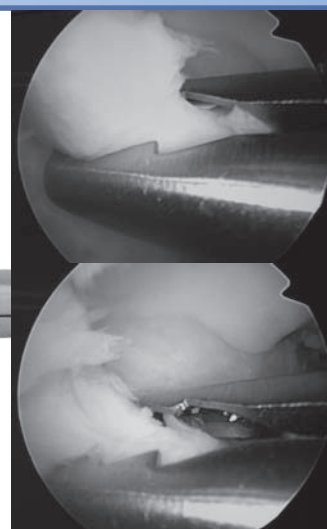
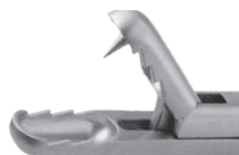
Soudry Loose Body Grasper

Designed by Michael Soudry, MD

Designed to help with the removal of soft tissue loose bodies in arthroscopy and open procedures



PRODUCT NO:	
1769	Overall Length: 9" (22,9 cm) Shaft Length: 6" (15,2 cm)



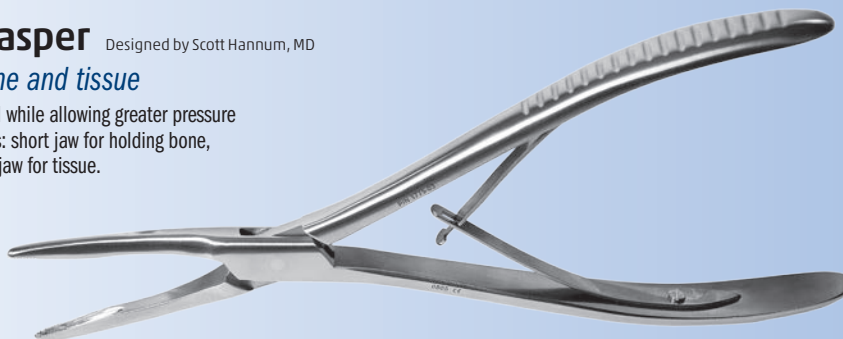
Hannum Tissue Grasper

Designed by Scott Hannum, MD

Teeth in jaw firmly holds bone and tissue

Non-locking design can be easily gripped while allowing greater pressure to be applied. Available in three jaw sizes: short jaw for holding bone, medium jaw for smaller bones, and long jaw for tissue.

Jaw widths at actual size



PRODUCT NO'S:	
1775-01 [Short Jaw]	Jaw Width: 8 mm Overall Length: 9.25" (23,5 cm)
1775-02 [Medium Jaw]	Jaw Width: 5 mm Overall Length: 9.25" (23,5 cm)
1775-03 [Long Jaw]	Jaw Width: 3 mm Overall Length: 9.25" (23,5 cm)



Tissue Graspers with Shark Teeth

Designed by Luis Ulloa

Shark teeth help to grasp on to tissue and bone

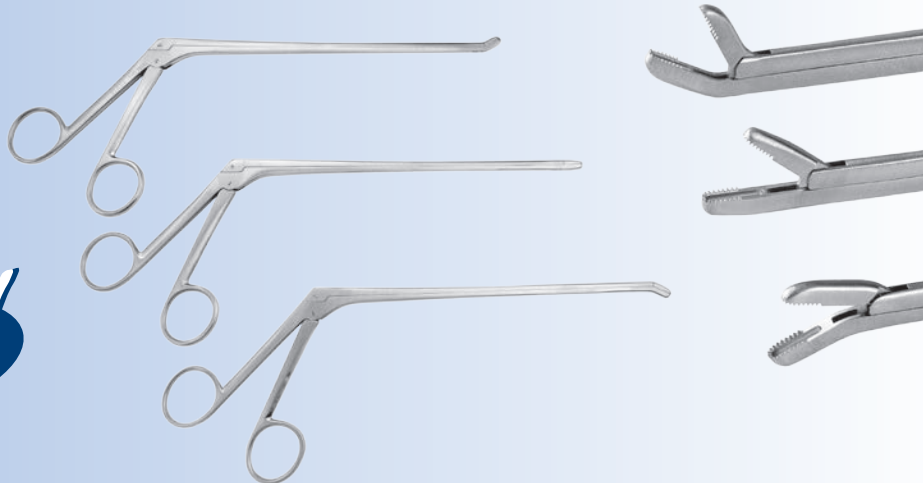
Shaft allows for use in narrow spaces.

PRODUCT NO'S:

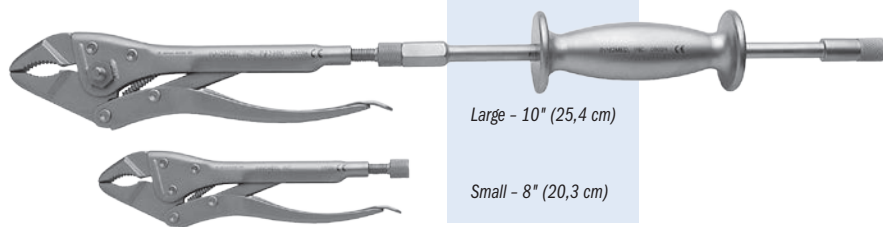
- 1784-01 [Up Angled Jaw]**
Shaft Length: 7" (17,8 cm)
Overall Length: 10" (25,4 cm)
Jaw: 9 mm Long x 5 mm High x 1.8 mm Wide
- 1784-02 [Straight Jaw]**
Shaft Length: 7" (17,8 cm)
Overall Length: 10" (25,4 cm)
Jaw: 9 mm Long x 5 mm High x 1.8 mm Wide
- 1784-03 [Down Angled Jaw]**
Shaft Length: 7" (17,8 cm)
Overall Length: 10" (25,4 cm)
Jaw: 9 mm Long x 5 mm High x 1.8 mm Wide



New!



Standard



Large - 10" (25,4 cm)

Small - 8" (20,3 cm)

OrthoVise™

Made of stainless steel and designed with the option of using a slap hammer for greater adaptability.

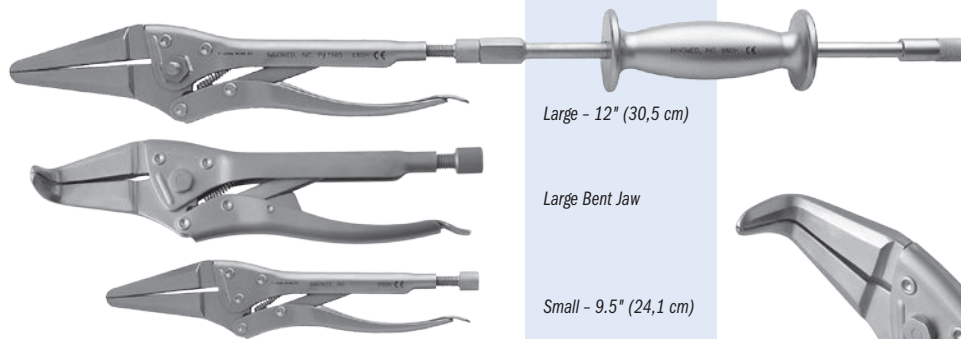
On models equipped with attachment bolts, a slap hammer can be attached to the end of the OrthoVise™, as well as to either side of the large OrthoVise™ (except the bent jaw model).

A different size slap hammer is used for the large and small sizes of OrthoVise™, and all slap hammers are designed with a hammer plate if the additional use of a mallet is desired.

U.S. Patent #D398,208



Long Nose



Large - 12" (30,5 cm)

Large Bent Jaw

Small - 9.5" (24,1 cm)

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GERMANY

PRODUCT NO'S:

Standard

- 3980** [Large] Overall Length: 10" (25,4 cm)
with Attachment Bolts
with Large OrthoVise™ Slap Hammer (#3950)
- 3980-01** [Large] Overall Length: 10" (25,4 cm)
with Attachment Bolts
without Slap Hammer
- 3981** [Large] Overall Length: 10" (25,4 cm)
without Attachment Bolts
without Slap Hammer
- 3985** [Small] Overall Length: 8" (20,3 cm)
without Attachment Bolt
without Slap Hammer
- 3985-01** [Small] Overall Length: 8" (20,3 cm)
with Attachment Bolt
with Small OrthoVise™ Slap Hammer (#3955)
- 3985-T** [Small] Overall Length: 8" (20,3 cm)
with Attachment Bolt
without Slap Hammer

Long Nose

- 3965** [Large] Overall Length: 12" (30,5 cm)
with Attachment Bolts
with Large OrthoVise™ Slap Hammer (#3950)
- 3965-01** [Large] Overall Length: 12" (30,5 cm)
with Attachment Bolts
without Slap Hammer
- 3966** [Large Bent Jaw]
with Attachment Bolt
with Standard Slap Hammer (#3925)
- 3966-01** [Large Bent Jaw]
without Attachment Bolt
without Slap Hammer
- 3975** [Small] Overall Length: 9.5" (24,1 cm)
without Attachment Bolt
without Large Slap Hammer
- 3975-01** [Small] Overall Length: 9.5" (24,1 cm)
with Attachment Bolt
with Small OrthoVise™ Slap Hammer (#3955)
- 3975-T** [Small] Overall Length: 9.5" (24,1 cm)
with Attachment Bolt
without Slap Hammer

Threaded Adapters

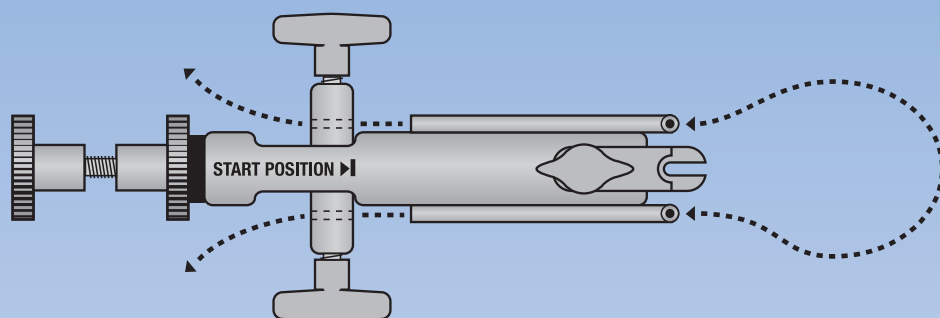
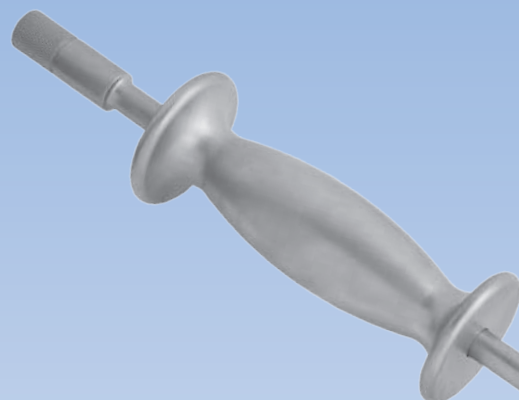
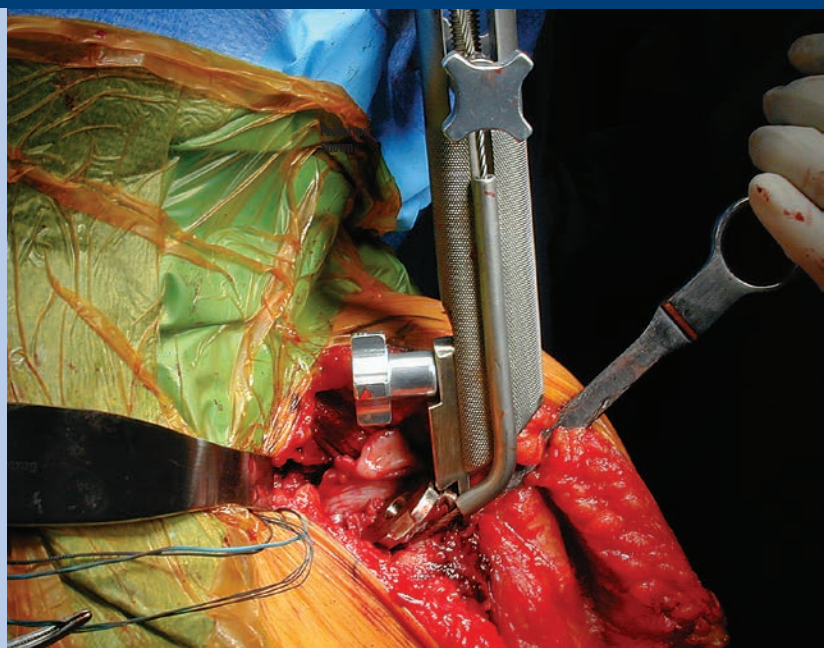
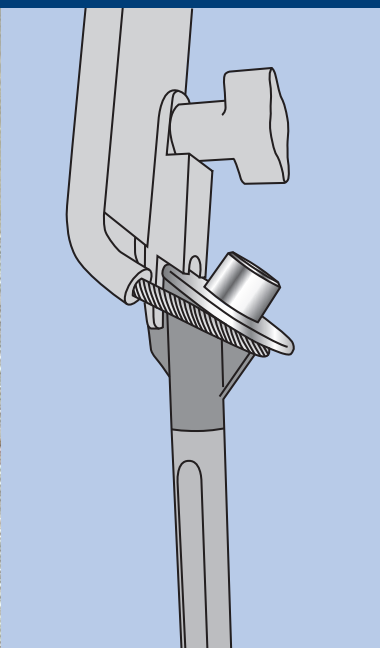
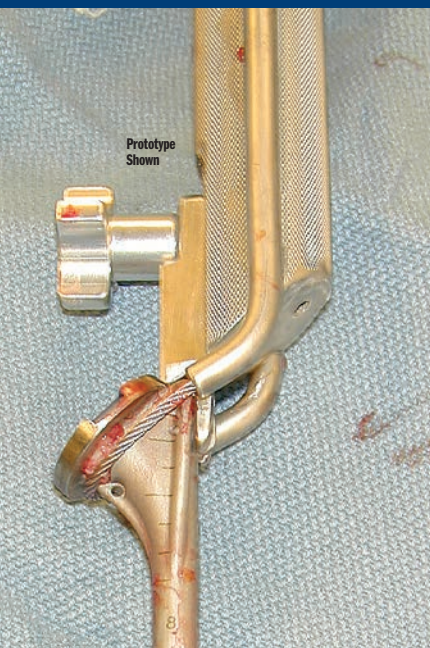
- 3980-02** [Small Adapter]
Changes Male End of a Slap Hammer to Female
- 3980-03** [Threaded Adapting Screw - Large]
For use with 3965's, 3966's, 3980's, 3981
- 3985-03** [Threaded Adapting Screw - Small]
For use with: 3975's, 3985's

Slap Hammers

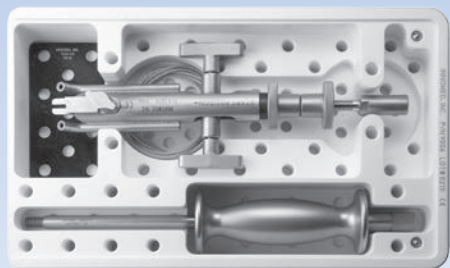
- 3950** [Slap Hammer for Large OrthoVise]
For use with 3965's, 3980's, 3981
- 3955** [Slap Hammer for Small OrthoVise]
For use with: 3975's, 3985's
- 3925** [Standard Slap Hammer]
For use with: 3966's

Nicholson Universal Humeral Prosthesis Extractor

Designed by Gregory Nicholson, MD



Designed to fit most humeral prostheses



PRODUCT NO'S:

3670 [Extractor Set with Case]

Individual/Replacement Parts:

3670-01 [Extractor Set without Case]

3670-10 [Foot Adapter]

3670-CABLE [2.5 mm Cable] Package of 2

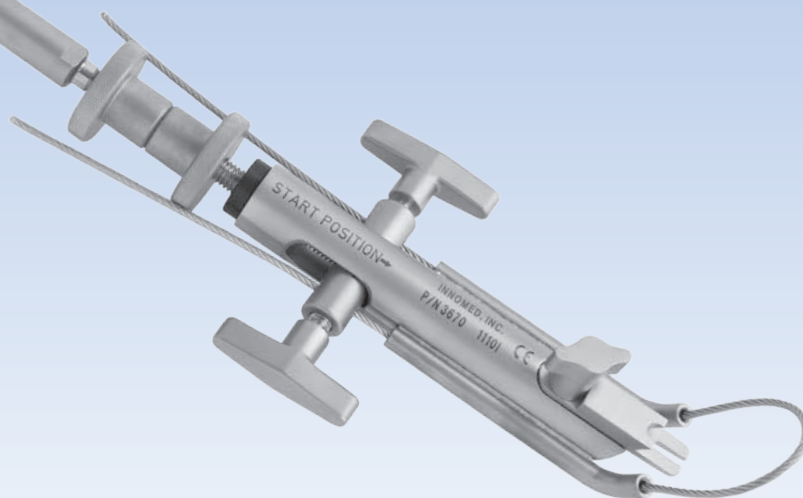
9006 [Case Only]

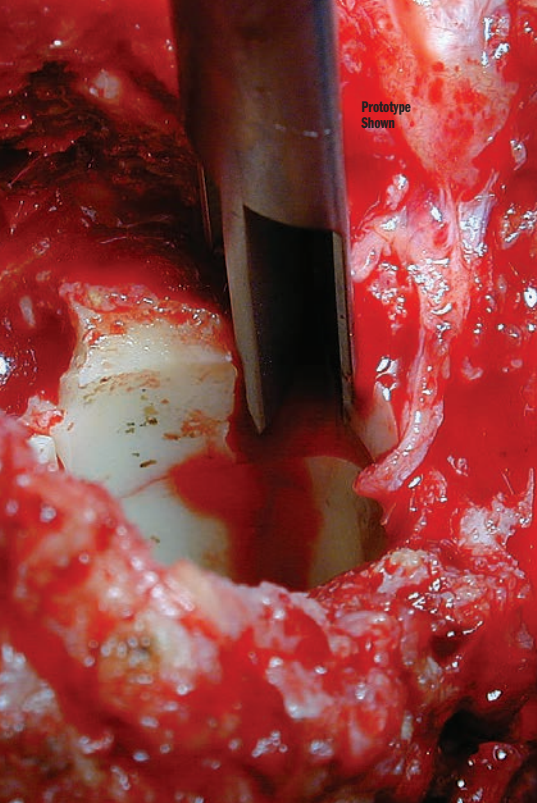
3925-A12 [Slaphammer with 12" Rod]

3935-H [Slaphammer Only (No Rod)]



Set includes a slaphammer, two non-sterile 2.5 mm cables, and a sterilization case.





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



PRODUCT NO'S:

Gouges Overall Length: 9" (22,9 cm)
Gouges Handle Length: 4" (10,2 cm)

5251-00 [Complete Set w/Case]

5251-05 [Extra Small]
Gouge Width: 5 mm

5251-07 [Small]
Gouge Width: 7 mm

5251-09 [Medium]
Gouge Width: 9 mm

5251-11 [Large]
Gouge Width: 11 mm

5252-07 [Small w/Splitter]
Gouge Width: 7 mm
Splitter Height: 4 mm

5252-09 [Medium w/Splitter]
Gouge Width: 9 mm
Splitter Height: 5 mm

5252-11 [Large w/Splitter]
Gouge Width: 11 mm
Splitter Height: 6 mm

5254 [Backhook]
Overall Length: 12.5" (31,8 cm)
Handle Length: 4.5" (11,4 cm)
Shaft Diameter: 4 mm

5255 [Footed Impactor]
Foot Pad Size: 8.5 mm x 11.5 mm
Shaft Diameter: 8.5 mm (21,6 cm)
Overall Length: 12.75" (32,4 cm)
Handle Length: 4.5" (11,4 cm)

5253 [Case for Set]



- ▶ 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.



Backhook



Footed Impactor

Used to help remove a humeral implant by impacting the medial collar of the prosthesis – helps provide a very direct parallel force to the implant for removal



Screw/Pin Removal Locking Pliers

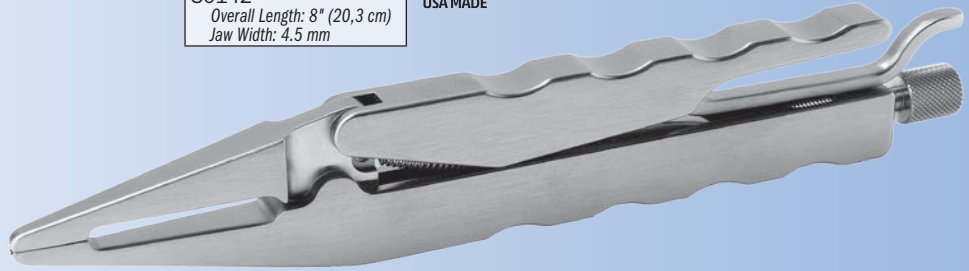
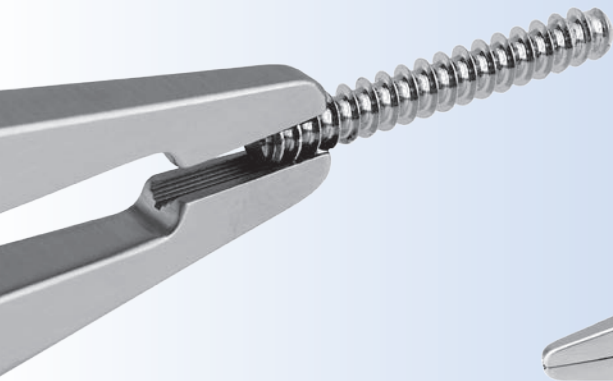
Unique jaw designed to solidly grip and clamp onto screw for removal

PRODUCT NO:

S0142

Overall Length: 8" (20,3 cm)

Jaw Width: 4.5 mm



Long Jaw Needle Nose Pliers

PRODUCT NO:

1833

Overall Length: 7" (17,8 cm)

Jaw Length: 2.25" (5,7 cm)

Jaw Width Tapered from: 8 mm to 1.5 mm

Jaw Height Tapered from: 12 mm to 2.5 mm



Wagner Osteotome Handle

Designed by Russell Wagner, MD

Handle is designed for easier gripping, rotational control, and use with a mallet with a standard 1/4" Lambotte osteotome

PRODUCT NO'S:

5348 [Handle Only]

Overall Length: 5.5" (14 cm)

5348-01 [1/4" Osteotome Only]

Overall Length: 8.875" (22,5 cm)



New!



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)

5270-02

Blade Width: 6 mm

Overall Length: 7.25" (18,4 cm)

Handle Length: 4" (10,2 cm)

5270-03

Blade Width: 10 mm

Overall Length: 7.25" (18,4 cm)

Handle Length: 4" (10,2 cm)

5270-04

Blade Width: 12 mm

Overall Length: 7.25" (18,4 cm)

Handle Length: 4" (10,2 cm)



Whelan Curved Chisel Guide

Designed by E. J. Whelan, III, MD



New!



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

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

PRODUCT NO'S:	
5302-00	[Complete Set]
Included In Set / Replacement Parts:	
5302-01	[Guide Only] Overall Length: 5" to 8.75" (12,7 cm to 22,2 cm)
5302-02	[10 mm Curved Chisel Blade Only] Overall Length: 4.25" (10,8 cm) Blade Thickness: .020" (.51 mm)
3040	[Slap Hammer]
1025	[Sterilization Case]

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

Complete Set



Two blades included in Set

Whelan Flexible Chisel Guide

Designed by E. J. Whelan, III, MD



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

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

PRODUCT NO'S:	
5301-00	[Complete Set]
Included In Set / Replacement Parts:	
5301-01	[Guide Only] Overall Length: 5.5" to 8.5" (14 cm to 21,6 cm) w/o blade
5301-02	[10 mm Chisel Blade Only] Overall Length: 4.625" (11,7 cm) Blade Thickness: .020" (0,51 mm)
3040	[Slap Hammer]
1015	[Sterilization Case]

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

Complete Set



Two blades included in Set



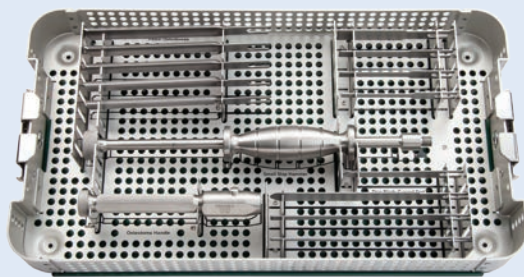
Modified Lambotte Osteotomes

Designed with a striking platform, plus a cross-bar hole to help control rotational stability and assist with removal

Six (6) sizes available, from 1/4" to 1-1/2" in 1/4" increments. Cross-bar and case included in complete set. Two smallest sizes have an 1/8" hole in which an 1/8" pin can be used as a cross bar (not included).

PRODUCT NO'S:	
5350-00	[Set w/Case]
Also Available Individually:	
5350-25 [1/4" (6 mm)] Overall Length: 9" (22,9 cm) Osteotome Width: .25" (6,35 mm)	5350-100 [1" (25 mm)] Overall Length: 9" (22,9 cm) Osteotome Width: 1" (25,4 mm)
5350-50 [1/2" (13 mm)] Overall Length: 9" (22,9 cm) Osteotome Width: .5" (12,7 mm)	5350-125 [1-1/4" (32 mm)] Overall Length: 9" (22,9 cm) Osteotome Width: 1.25" (31,75 mm)
5350-75 [3/4" (19 mm)] Overall Length: 9" (22,9 cm) Osteotome Width: .75" (19 mm)	5350-150 [1-1/2" (38 mm)] Overall Length: 9" (22,9 cm) Osteotome Width: 1.5" (38,1 mm)
5350-CB [Cross Bar]	5350-CASE [Case]





- ▶ 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 handles are made of high impact surgical stainless steel and have 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

PRODUCT NO'S:

S0011-00 [Complete Set with Case]

Individual Instruments:

S1002	[Thin Osteotome Blade]	3" (7,6 cm) x 8 mm
S1003	[Thin Osteotome Blade]	3" (7,6 cm) x 10 mm
S1004	[Thin Osteotome Blade]	3" (7,6 cm) x 12 mm
S1005	[Thin Osteotome Blade]	3" (7,6 cm) x 20 mm
S1006	[Curved Thin Osteotome Blade]	3" (7,6 cm) x 12 mm
S1007	[Curved Thin Osteotome Blade]	3" (7,6 cm) x 20 mm
S1008	[Thin Osteotome Blade]	5" (12,7 cm) x 10 mm
S1009	[Thin Osteotome Blade]	5" (12,7 cm) x 8 mm
S1020	[Handle with Quick-Coupling End]	6" (15,2 cm)
S1133	[Radial Osteotome]	5" (12,7 cm) x 10 mm
S1120	[Radial Osteotome]	5" (12,7 cm) x 12 mm
S1134	[Radial Osteotome]	5" (12,7 cm) x 14 mm
S1121	[Radial Osteotome]	5" (12,7 cm) x 16 mm
S1122	[Radial Osteotome]	5" (12,7 cm) x 20 mm
S2007	[Slap Hammer]	12" (30,5 cm)
9018	[Case]	



Flexible Osteotome System

Provides an assortment of osteotome blades for various orthopedic surgery procedures

Slap Hammer



Handle with Quick-Coupling End



3" Thin Blades



Curved Thin Blades



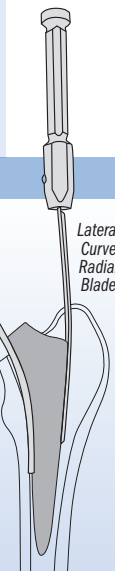
5" Thin Blades



Radial Blades



Medial Curve Radial Blade



Lateral Curve Radial Blade

Optional Blades

Curved Radial Blades are helpful in the removal of total hip stems

PRODUCT NO'S:

Optional Blades (Not Included In Complete Set)

S1123	[Extra Long Osteotome Blade]	9" (22,9 cm) x 8 mm
S1135	[Radial Osteo. Medial Curve]	6.75" (17,1 cm) x 11 mm
S1136	[Radial Osteo. Lateral Curve]	6.75" (17,1 cm) x 11 mm
S1137	[Radial Osteo. Medial Curve]	5" (12,7 cm) x 11 mm
S1138	[Radial Osteo. Lateral Curve]	5" (12,7 cm) x 11 mm
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
S1229	[Chisel Blade]	5" (12,7 cm) x 8 mm
S1230	[Chisel Blade]	5" (12,7 cm) x 20 mm
S1231	[Chisel Blade]	5" (12,7 cm) x 12 mm



Medial and Lateral Curve Radial Blades designed by Henry Boucher, MD

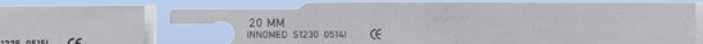
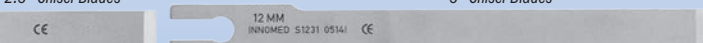
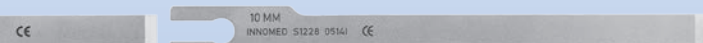
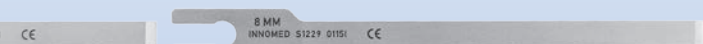
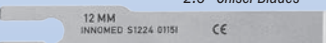
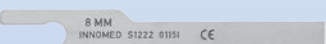
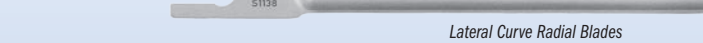
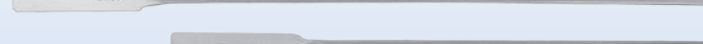
Extra Long 9" Blades



Medial Curve Radial Blades



Lateral Curve Radial Blades



5" Chisel Blades

2.5" Chisel Blades

Mueller-Type Cement Removal Instruments

Used for cement removal in the hip, knee, and shoulder

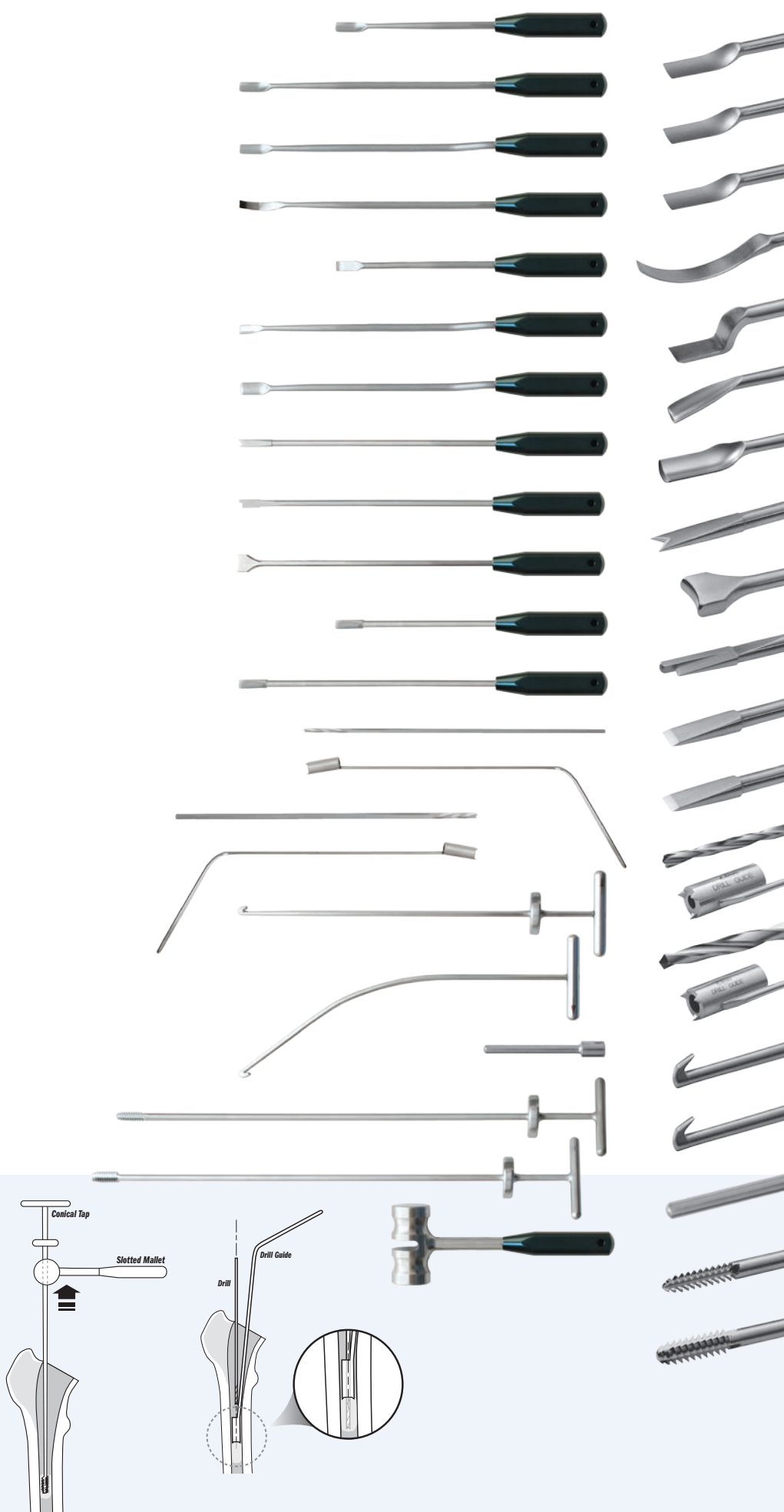
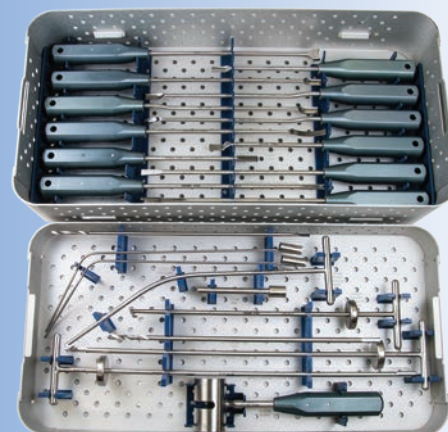


PRODUCT NO'S:

S7500-00 [Complete Set with Case]

Individual Instruments:

S7505	[Narrow Cement Removal Gouge, Short] Shaft Length: 150 mm Gouge: 9 mm, negative
S7507	[Narrow Cement Removal Gouge, Long] Shaft Length: 240 mm Gouge: 9 mm, negative
S7510	[Narrow Offset Cement Removal Gouge] Shaft Length: 240 mm Gouge: 9 mm, negative
S7515	[Acetabular Chisel] Shaft Length: 240 mm Chisel: 7.5 mm
S7520	[Offset Chisel] Shaft Length: 150 mm Chisel: 9 mm
S7525	[Flared Angle Gouge] Shaft Length: 240 mm Gouge: 9 mm, positive, angle 15° down
S7530	[Wide Gouge] Shaft Length: 240 mm Gouge: 11.5 mm, negative
S7535	[“V” Splitter] V-Shaped Chisel: 7 mm
S7587	[Saddle Punch] Shaft Length: 240 mm Punch: 16.5 mm x 6.5 mm
S7590	[Cement Splitting Osteotome] Shaft Length: 240 mm
S7595	[Cement Removal Osteotome, Short] Shaft Length: 150 mm Osteotome: 8 mm
S7597	[Cement Removal Osteotome, Long] Shaft Length: 240 mm Osteotome: 8 mm
S7540	[4.4 mm Drill]
S7545	[4.4 mm Drill Guide]
S7550	[6.4 mm Drill]
S7555	[6.4 mm Drill Guide]
S7560	[Straight Cement Removal Hook] Hook Curette: 10 mm
S7565	[Curved Cement Removal Hook] Hook Curette: 10 mm
S7570	[Cross Bar]
S7575	[7 mm T-Handle Conical Tap]
S7580	[9 mm T-Handle Conical Tap]
S7585	[Slotted Mallet]
9075	[Case Only]



Nicholson Footed Impactor

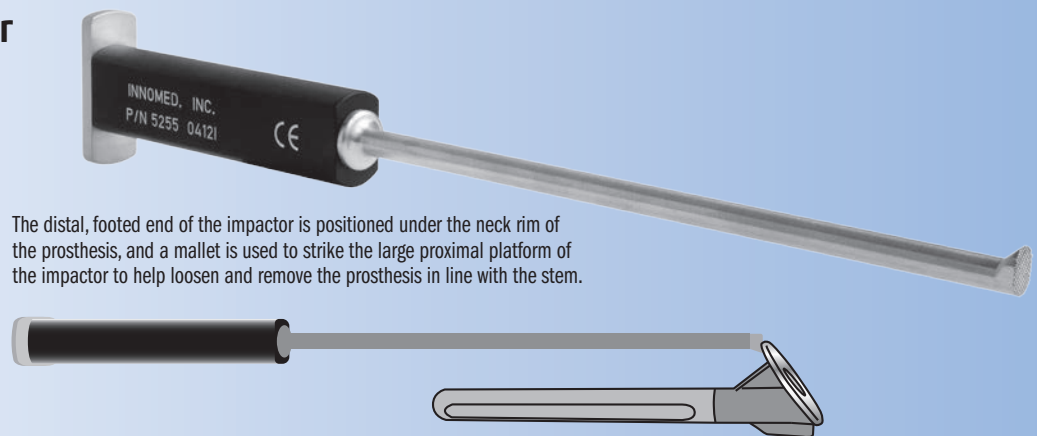
Designed by Gregory Nicholson, MD

Designed to help remove a humeral prosthesis by impacting the medial collar from underneath, after a gap has been exposed between the rim/bone interface

PRODUCT NO:

5255

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)



The distal, footed end of the impactor is positioned under the neck rim of the prosthesis, and a mallet is used to strike the large proximal platform of the impactor to help loosen and remove the prosthesis in line with the stem.

Universal Screw Removal Instrument System

Designed to help remove a variety of screws—solid and cannulated: stripped hex screws, buried screws, partial screws with broken screw heads



Screw Extractors

Unique thread design accommodates removal of stripped screws. The instrument "locks" into the screw head and allows removal once engaged. Designed to be used in a counter-clockwise direction.



Trephines

Designed to fit over submerged screws for extraction with minimal bone loss. Extraction is enhanced by the unique tooth design. Designed to be used in a counter-clockwise direction.



Hex Drivers

Solid shaft in all standard hex sizes.



Cannulated Hex Drivers

Four sizes with a cannulated shaft for easier removal of buried screws.



Universal Extractor

Designed to remove screws with heads partially or completely missing. The cone shaped head fully engages the remaining screw and optimizes the force needed for removal. The bolt is disposable and locks into place using a unique thread design. Designed to be used in a counter-clockwise direction.



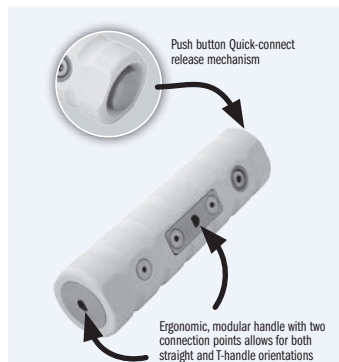
Screwdrivers

Standard cruciform screwdrivers in large, small, and mini, and single slot.



Cannulated Drive Extension

Used when a longer instrument shaft is desired.



Extractor Wrench

Universal Instrument Handle

The single handle allows the surgeon to decide which direction is most efficient and comfortable. The quick-connect release mechanism allows for quick interoperative exchange.

Pick

Used to remove fragments and bone or tissue from screw head.



The drive end (A/O) is designed for easy and quick engagement with the universal instrument handle.

PRODUCT NO'S:

S0010-00 [Complete System with Case]

Individual/Replacement Parts

S0113 [Universal 4" (10,2 cm) Handle]

S0128 [1.5 mm Screw Extractor]

S0116 [2.5 mm Screw Extractor]

S0130 [3.5 mm Screw Extractor]

S0117 [1.5 mm Hex Driver]

S0114 [2.5 mm Hex Driver]

S0115 [3.5 mm Hex Driver]

S0132 [4.0 mm Hex Driver]

S0133 [5.0 mm Hex Driver]

S0136 [2.5 mm Cannulated Hex Driver]

S0137 [3.5 mm Cannulated Hex Driver]

S0138 [4.0 mm Cannulated Hex Driver]

S0139 [5.0 mm Cannulated Hex Driver]

S0118 [Large Cruciform Screwdriver]

S0119 [Small Cruciform Screwdriver]

S0141 [Mini Cruciform Screwdriver]

S0120 [Single Slot Screwdriver]

S0121 [2.2 mm Trephine]

S0122 [3.2 mm Trephine]

S0123 [4.2 mm Trephine]

S0124 [4.7 mm Trephine]

S0125 [7.2 mm Trephine]

S0127 [Universal Extractor – Shaft Only]

S0127-01 [Large Extraction Bolt Body]

S0127-03 [Small Extraction Bolt Body]

S0127-04 [Extractor Wrench]

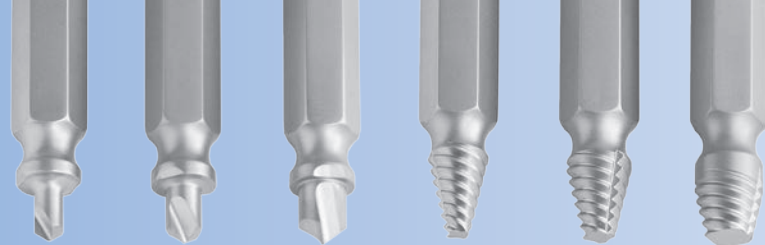
S0129 [Pick]

S0140 [Cannulated Drive Extension]

9017 [Screw Removal Case Only]

Case Dimensions: 20" x 9.25" (50,8 cm x 23,5 cm)





Screw Extractor Set

Designed to help remove screws with stripped or damaged heads

PRODUCT NO:

7250-00 [Set with Case]

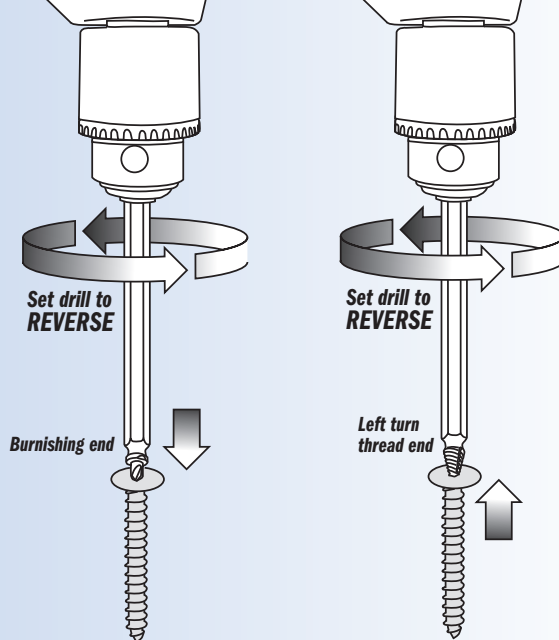
7250-01 [2.5 mm]
Overall Length: 6" (15,2 cm)

7250-02 [3.5 mm]
Overall Length: 6" (15,2 cm)

7250-03 [6.5 mm]
Overall Length: 6" (15,2 cm)



- ▶ Extractors must be used with drill in reverse.
- ▶ Screw head is reamed with burnishing end, and is then removed with the left turn thread end.
- ▶ Care must be taken to burnish no more than 1/16" (1.6 mm) deep, as burnishing too deep can weaken the screw head.



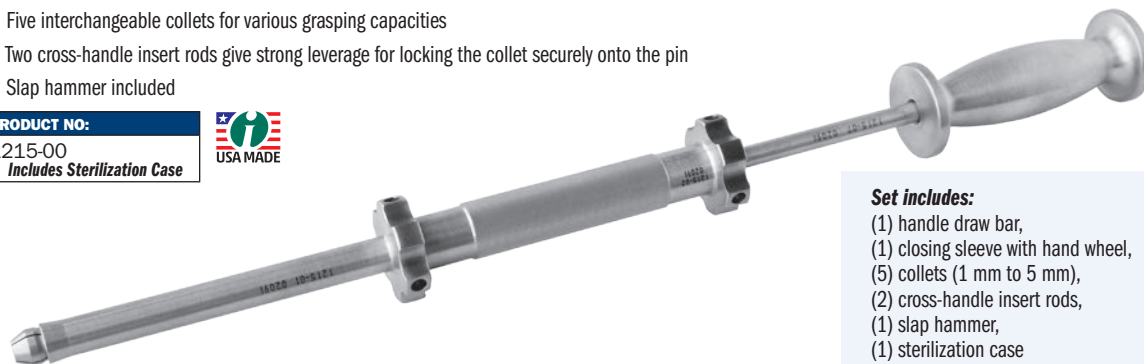
Craig-Type Extractor Set

Designed to firmly tighten circumferentially around a wire, pin, broken screw, etc. for removal – especially helpful for the removal of threaded pins

- ▶ Removes pins & screws up to 5 mm (.2") diameter and wires as small as .8 mm (1/32") diameter
- ▶ Five interchangeable collets for various grasping capacities
- ▶ Two cross-handle insert rods give strong leverage for locking the collet securely onto the pin
- ▶ Slap hammer included

PRODUCT NO:

1215-00
Includes Sterilization Case



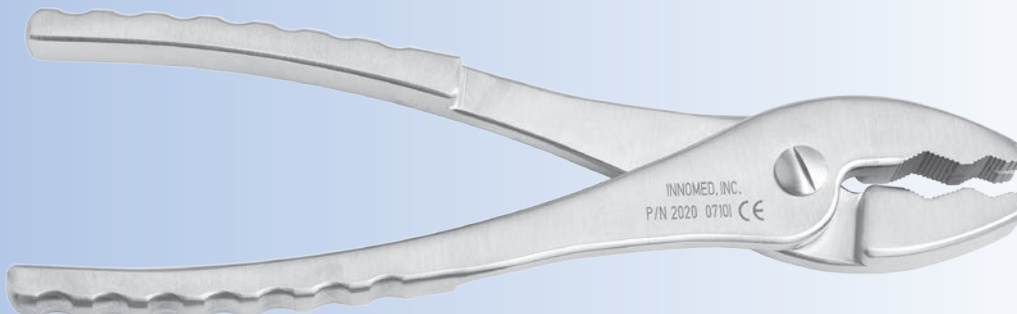
Set includes:

- (1) handle draw bar,
- (1) closing sleeve with hand wheel,
- (5) collets (1 mm to 5 mm),
- (2) cross-handle insert rods,
- (1) slap hammer,
- (1) sterilization case



Screw Removal Pliers

Jaw designed to grasp onto a screw or screw head to help in removal



PRODUCT NO:

2020
Overall Length: 8 (20,3 cm)



Cheng Screw Removal and Bone Trephine Set

Designed by Edward Cheng, MD



PRODUCT NO'S:

1426-00 [Complete Set with Case]

Includes:

1426-01 [Small Trephine] 5 mm Internal Diameter
Overall Length: 7.125" (18.1 cm)

1426-02 [Medium Trephine] 6.5 mm Internal Diam.
Overall Length: 7.125" (18.1 cm)

1426-03 [Large Trephine] 8 mm Internal Diameter
Overall Length: 7.125" (18.1 cm)

1426-04 [Handle Assembly]
Dimensions: 4" x 2" (10.2 cm x 5.1 cm)

1025 [Sterilization Case]

Replacement Part:

1425-14-B-COMP [Handle Retaining Screw]



For Screw Removal

The trephine ends are designed to fit over embedded screws for extraction with minimal bone loss. Three sizes available – internal diameters of 5 mm, 6.5 mm, and 8 mm. The T-Handle allows for precise, controlled use.

For Core Bone Sampling

Cannulated handle and trephines allow use of a standard 1.6 mm (.062") threaded K-wire to help facilitate grasping and removal of a core bone sample for biopsy or core decompression. Variety of core diameters – 5 mm, 6.5 mm, and 8 mm – yields bone samples of sufficient size for pathology.

Star Bit Driver Set

Helps eliminate the opening of multiple sterile packs when a specific size of star bit is needed

PRODUCT NO'S:

5194-00 [4 Star Bits w/Handle & Case]

5194-01 [4 Star Bits w/Case only]

Also sold individually:

S0113 [Universal 4" (10.2 cm) Handle]

5194-10 [T10 with A/O End]

5194-15 [T15 with A/O End]

5194-20 [T20 with A/O End]

5194-25 [T25 with A/O End]

9003 [Case]

Set in Storage Case



Helpful during revision total joint surgery. Set consists of four star bits – T10, T15, T20, & T25, a handle which accommodates any of the above bits, and a sterilization case. The drive end (A/O) is designed for easy and quick engagement with the universal instrument handle. The ergonomic, modular handle has two connection points, allowing for both straight and T-handle orientations.



Universal Screwdriver Set

Helps eliminate the opening of multiple sterile packs when a specific size or style of screwdriver is needed

Set consists of one handle and one sterilization/storage case, plus six double ended screwdriver bits:

- ▶ small & large single slot
- ▶ cross & cruciate
- ▶ 3.5 mm & 4.5 mm hex
- ▶ small & large phillips
- ▶ #10 & #15 star
- ▶ #20 & #25 star



PRODUCT NO'S:

5195 [Complete Set with Storage Case]
Also sold individually

5195-01 [Handle]

5195-02 [Straight (single slot)]
Large: 7x1.5 mm, Small: 5x1 mm

5195-03 [Cross/Cruciate]
Large: 7 mm, Small: 6 mm

5195-04 [Hex]
Large: 4.5 mm, Small: 3.5 mm

5195-05 [Phillips]
Large: 4 mm, Small: 3.5 mm

5195-06 [Small Star: #10 & #15]

5195-07 [Large Star: #20 & #25]

Helpful during revision total joint surgery where screws have been used, removal of bone plates, fracture fixation screws or bone graft screws.



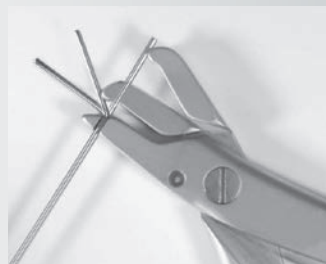
K-Wire Bender/Cutter

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

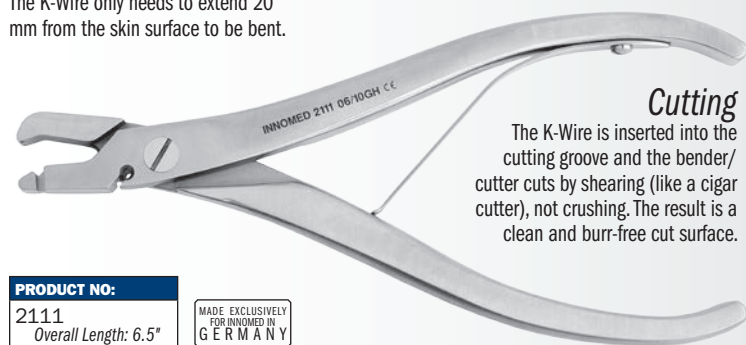
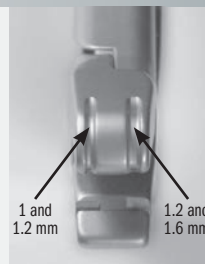
Can bend and cut K-Wires measuring 1 to 1.6 mm (.039-.062") in diameter

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

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.



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.



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.



Bender/Cutter Cut



Standard Cut



PRODUCT NO:

2111
Overall Length: 6.5"

MADE EXCLUSIVELY
FOR INNOVED IN
GERMANY

Wire Bender

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



PRODUCT NO:

2024
Overall Length: 5.5" (14 cm)



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)



New!

Universal Bone Grafting/Impacting Forceps

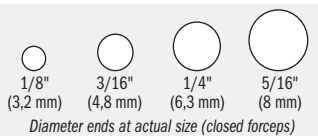
Designed by J. A. Amis, MD

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

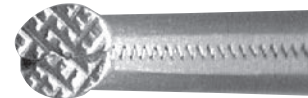
The forceps are designed with grasping ends for delivery of bone graft. When the graft is in place, the forceps are closed, which forms the ends into an impacting punch. A striking platform is attached to the end of the forceps for tapping and tamping the graft. Four end diameters are available in two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

MADE EXCLUSIVELY
FOR INNOMED IN
GERMANY

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



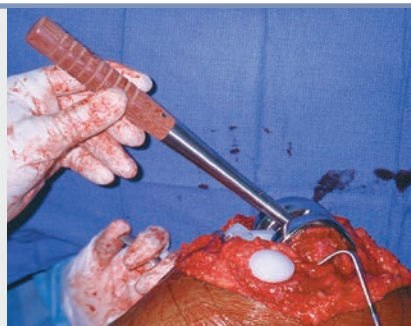
When the forceps are closed, they form into an impacting punch



Stainless
Impactor Sizes



Delrin
Impactor Sizes



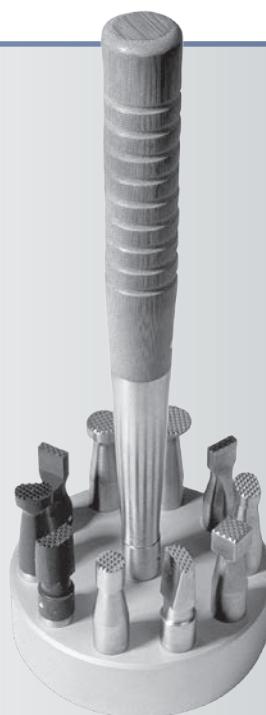
PRODUCT NO:
5370 [Complete Set]
Overall Handle Length: 8" (20,3 cm)
Grip Length: 4.5" (11,4 cm)
Exposed Impactor Head Lengths: 1.45" (3,7 cm)
Base Diameter: 3.5" (8,9 cm)



Modular Impactor Set

Makes multiple impactor heads easily visible and available

Designed to have available to the operating surgeon multiple types of impactors utilizing one handle. The rack uses less space and allows the surgeon to quickly see the designs available. The impactors are supplied with stainless steel tips for bone and delrin tips which can be used against an implant for slight placement adjustments.



Ortho Impactors

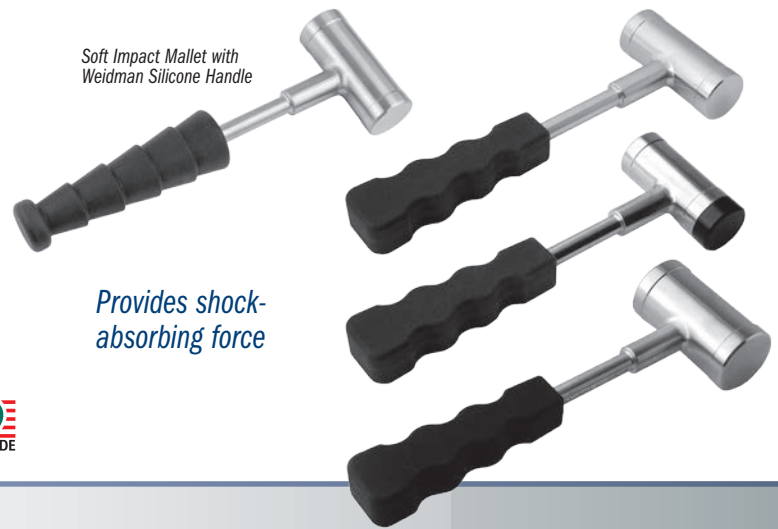
PRODUCT NO'S:	
Overall Length: 9" (22,9 cm)	
Shaft Diameter: 9 mm	
5331	[11 x 4 mm Rectangle]
5332	[12 x 7 mm Rectangle]
5333	[12 mm Tapered]
5334	[9 mm Square]
5335	[15 mm Round]
5336	[12 mm Round]
5337	[9 mm Round]



Soft Impact Mallets with Easy Grip Handles

Designed to have a shock-absorbing force, providing less bounce or wasted force. The mallets are filled with a shock-absorbing media and has a flat striking surface to keep the mallets centered on an instrument.

PRODUCT NO'S:	
7820 [2 lbs. Standard] Weight: 2 lbs. (.907 kg) Overall Length: 10.5" (26,7 cm) Handle Length: 5" (12,7 cm) Head Width: 3.5" (8,9 cm) Head Diameter: 1.375" (3,5 cm)	7832 [2 lbs. With Delrin End] Weight: 2 lbs. (.907 kg) Overall Length: 10.5" (26,7 cm) Handle Length: 5" (12,7 cm) Head Width: 3.5" (8,9 cm) Head Diameter: 1.375" (3,5 cm)
7821 [2 lbs. With Weidman Handle] Weight: 2 lbs. (.907 kg) Overall Length: 10.625" (27 cm) Grip Length: 5.5" (14 cm) Head Width: 3.5" (8,9 cm) Head Diameter: 1.375" (3,5 cm)	7837 [3 lbs. Standard] Weight: 3 lbs. (1.35 kg) Overall Length: 11" (27,9 cm) Handle Length: 5" (12,7 cm) Head Width: 3.5" (8,9 cm) Head Diameter: 1.875" (4,8 cm)



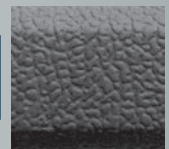
Provides shock-absorbing force



Ortho Mallets with Easy Grip Handles

These solid stainless steel mallets each have a comfortable 4½" grip made of a textured silicone that helps prevent the surgeon's gloved hand from slipping and helps maintain a solid grip.

PRODUCT NO'S:	
7810 [Small] Overall Length: 8" (20,3 cm) Handle Length: 4.5" (11,4 cm) Head Weight: 1 lb. (.45 kg) Head Diameter: 1.3125"	
7815 [Large] Overall Length: 8" (20,3 cm) Handle Length: 4.5" (11,4 cm) Head Weight: 1.75 lb. (.8 kg) Head Diameter: 1.5" (3,8 cm)	



Easy Grip Textured Soft Silicone Handles

Comfortable grip helps prevent the surgeon's gloved hand from slipping and helps maintain a solid grip.

Jones Mallet

Designed by Dickie Jones, MD

Unique hand fitting shape provides superior gripping strength

This striking instrument has a unique hand fitting shape that provides superior gripping strength for accurate light to heavy impaction.

PRODUCT NO:
7825 [2.4 lbs] Overall Length: 8.25" (21 cm) Head Width: 3" (7,6 cm) Head Diameter: 1.5" (3,8 cm)



Delrin Insert Pliers

Designed to grasp an implant for adjustment without marring the implant surface

PRODUCT NO'S:
2025 Overall Length: 8" (20,3 cm)
2025-03 [Replacement Insert] Includes top and bottom delrin jaws, two screws and a hex wrench





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)



Longer sizes are helpful in orthopedics

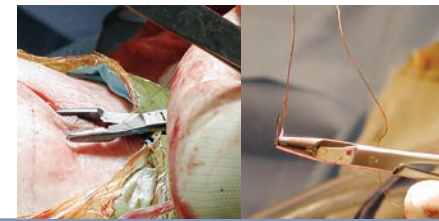
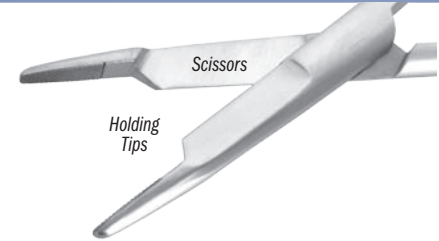
Orthopedic Needle Holder/Scissors

Drive a needle and cut a suture without changing instruments

PRODUCT NO'S:

Standard Tips	Tungsten Carbide Tips
	3045 4.5" (11,4 cm)
3050 5.5" (14 cm)	3055 5.5" (14 cm)
3060 6.5" (16,5 cm)	3065 6.5" (16,5 cm)
3070 7.0" (17,8 cm)	3075 7.0" (17,8 cm)

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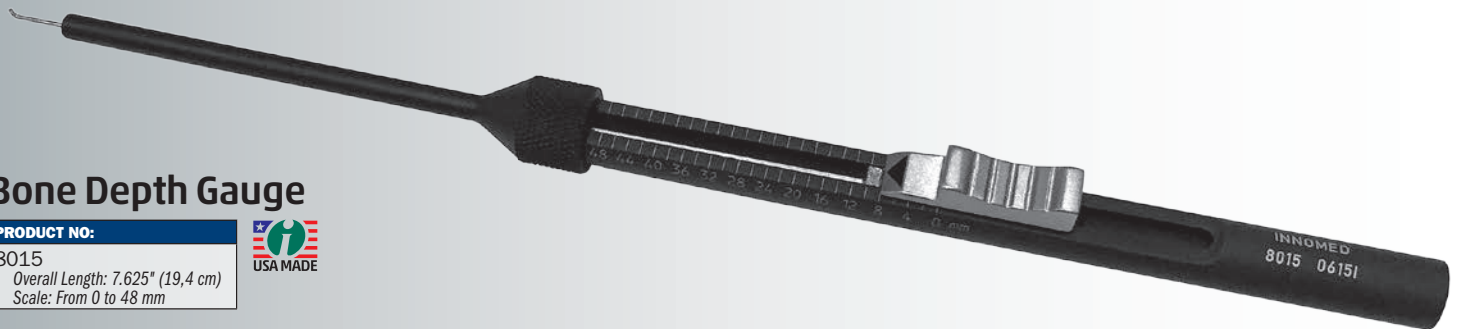
Bone Depth Gauge

PRODUCT NO:

8015

Overall Length: 7.625" (19,4 cm)

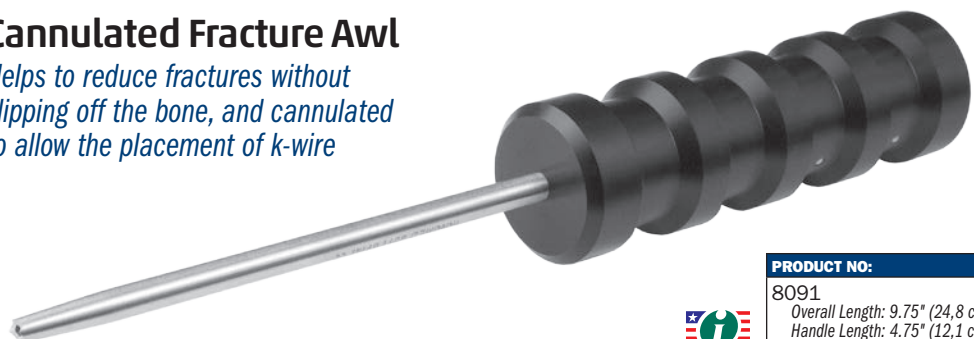
Scale: From 0 to 48 mm



Cannulated!

Cannulated Fracture Awl

Helps to reduce fractures without slipping off the bone, and cannulated to allow the placement of k-wire



PRODUCT NO:

8091

Overall Length: 9.75" (24,8 cm)

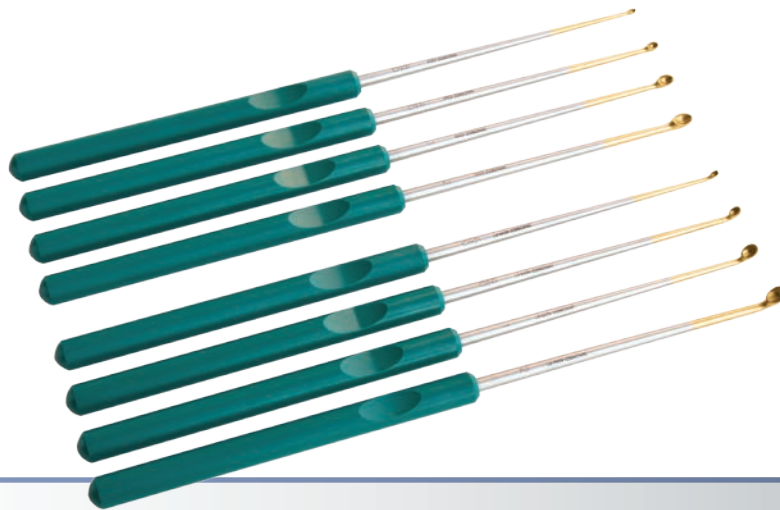
Handle Length: 4.75" (12,1 cm)

Cannula fits wire up to: .062" (1,6 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

Ring Curettes



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



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



Radiopaque Goniometers

Transparent to X-ray—only white radiopaque markings
show for easy reading. Used to check for X-ray distortion.

Designed for Angle Determination

Ethylene Oxide Sterilize Only.

PRODUCT NO'S:	
2000	[Set of 3]
2005	[Finger-size] Overall Length: 5" (12,7 cm)
2010	[Medium] Overall length: 8" (20,3 cm)
2015	[Large] Overall length: 14" (35,6 cm)



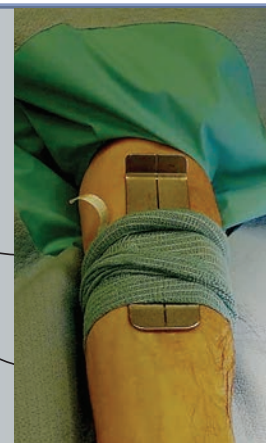
PRODUCT NO:	
8628	
Overall Length: 4.75" (12,1 cm) Width: 1.5" (3,8 cm) Lip: .5" (1,3 cm)	



Dodson Extremity Skin Saver

Designed by Mark A. Dodson, MD

*Designed to help protect the patient's skin
when removing a disposable tourniquet*



Adson Forceps with Cobb Elevator End

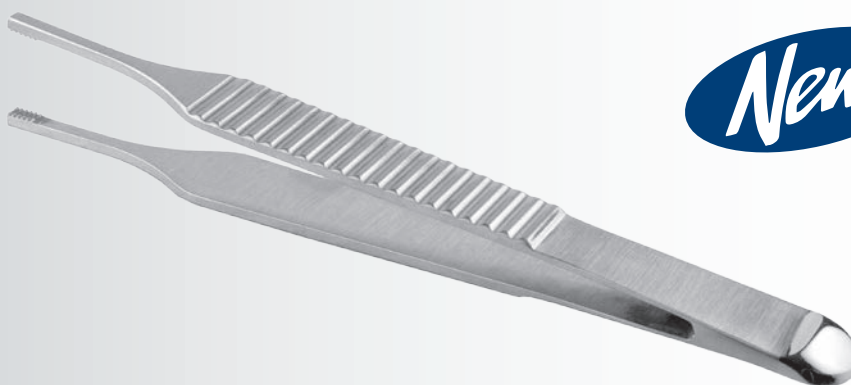
Designed by Oscar Castro-Aragon, MD

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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New!

Charnley Type Tissue Needle Forceps

Designed by Amal Das Jr., MD

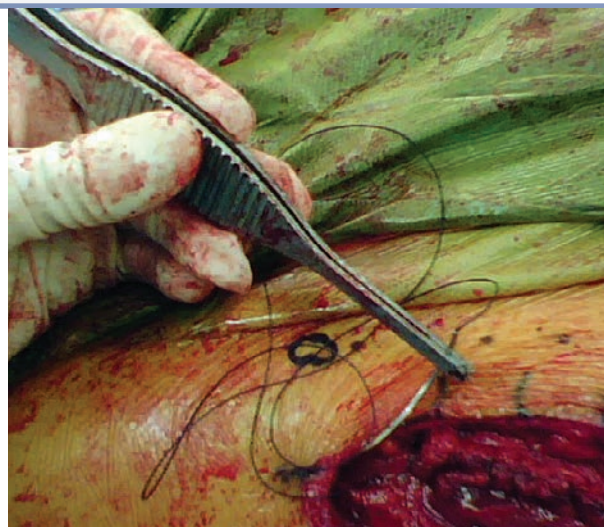
Helpful for wound closure in deep areas with fascia under tension such as hip or knee replacement

Can also help retrieve a needle in a tight area.



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PRODUCT NO:
1165
Overall Length: 6.875" (17,5 cm)



Freeman Forceps

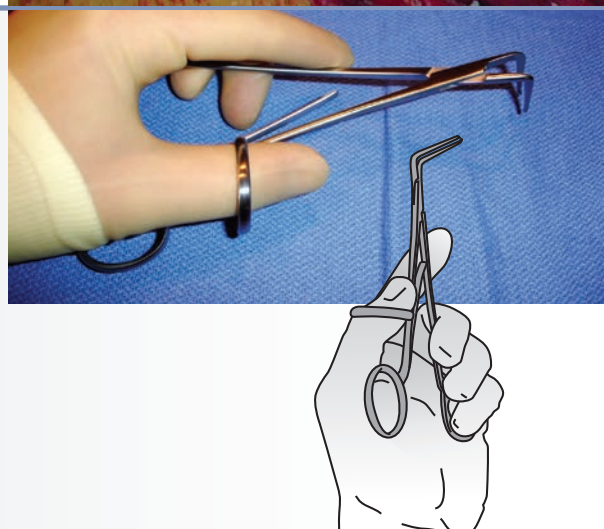
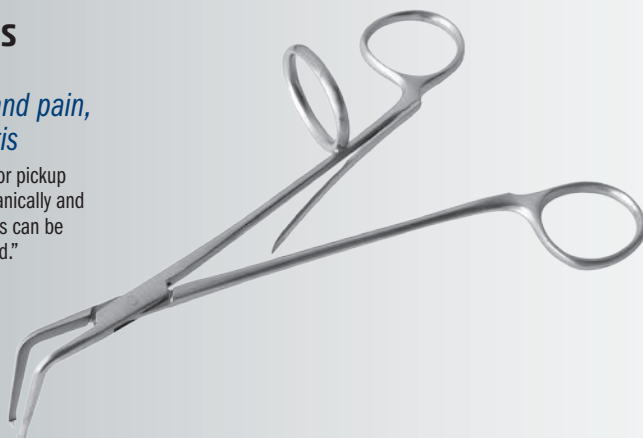
Designed by Carl R. Freeman, MD

Designed to help with hand pain, fatigue, and hand arthritis

Allows surgeons to utilize a forceps or pickup type instrument using a more mechanically and ergonomically favorable grip. Forceps can be used with a full-hand grip or "palmed."

PRODUCT NO:
1174
Overall Length: 6.875" (17,5 cm)

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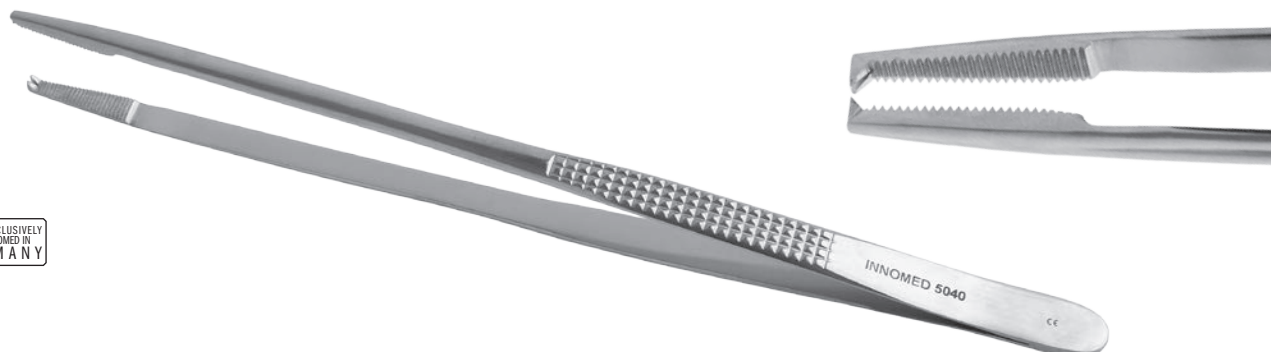


Long Bonney Tissue Forceps

Extra length—3" more than standard—allows for use in deep wound areas

PRODUCT NO:
5040
Overall Length: 10" (25,4 cm)

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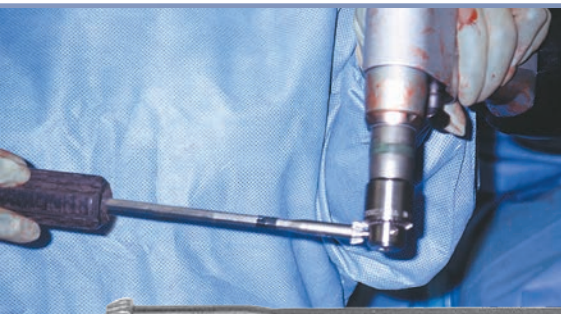
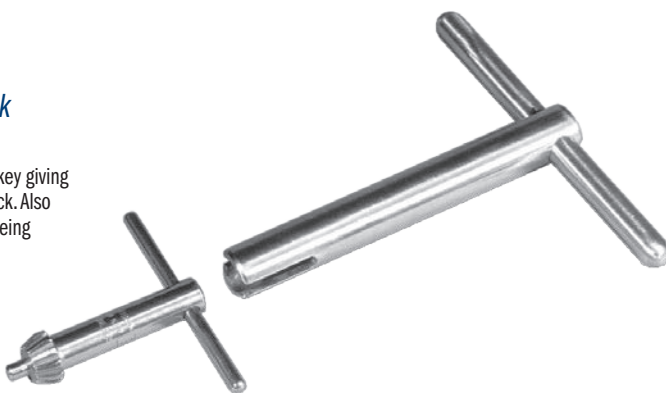


Chuck Key Handle

Snaps onto a standard chuck key for better leverage

Designed to snap onto a standard chuck key giving better leverage during tightening of a chuck. Also helps keep a chuck key from slipping or being dropped during surgery.

PRODUCT NO:
5560
Overall Length: 4" (10,2 cm)
Chuck Key Not Included



Large Handle Chuck Key

For easy tightening/untightening of a chuck

Designed to allow a chuck to be tightened and untightened easily.

PRODUCT NO:
5517-01
Chuck Size: 1/4" (6,4 mm)
Overall Length: 10.5" (26,7 cm)
Handle Length: 4.5" (11,4 cm)



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



Sarraf Cement Trimmer

Designed by Khaled M. Sarraf, MD

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

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



Bozeman Cement Trimmer

Designed by Daniel M. Gannon, MD

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

Combines the two most common cement trimming tools into one



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





Bradley Periosteal Elevator

Designed by Gary W. Bradley, MD

PRODUCT NO:

4719 [3/4"]
Overall Length: 11" (27,9 cm)
Blade Width: .75" (19 mm)

4720 [1/2"]
Overall Length: 11" (27,9 cm)
Blade Width: .5" (13 mm)



New!
SMALLER SIZE AVAILABLE



New!
STYLE WITH TEETH AVAILABLE

Cobb Elevators

Two Sizes Available With or Without Teeth

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



PRODUCT NO'S:

WITH TEETH

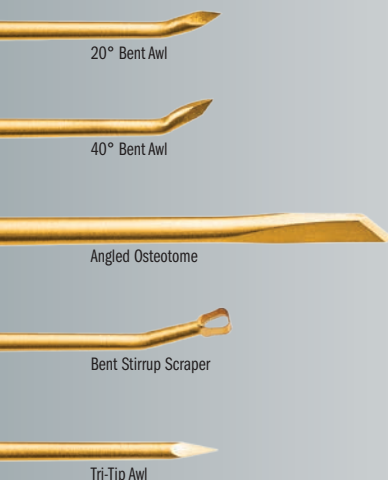
3432 [1/2" with Teeth]
Overall Length: 11" (27,9 cm)
Blade Width: 1/2" (13 mm)

3434 [1" with Teeth]
Overall Length: 11" (27,9 cm)
Blade Width: 1" (25,4 mm)

WITHOUT TEETH

3436 [1/2" without Teeth]
Overall Length: 11" (27,9 cm)
Blade Width: 1/2" (13 mm)

3438 [1" without Teeth]
Overall Length: 11" (27,9 cm)
Blade Width: 1" (25,4 mm)



Nordt Precision Micro Fracture Set

- ▶ Helps create sharp cartilage shoulders
- ▶ Precise microfracture points

PRODUCT NO'S:

8025-00 [Complete Set]

Also available individually:

8025-01 [20° Bent Awl]
Overall Length: 10" (25,4 cm)

8025-02 [40° Bent Awl]
Overall Length: 10" (25,4 cm)

8025-03 [Angled Osteotome]
Overall Length: 10.875" (27,6 cm)

8025-04 [Bent Stirrup Scraper]
Overall Length: 10.125" (25,7 cm)

8025-05 [Tri-Tip Awl]
Overall Length: 10" (25,4 cm)

8025-CASE [Case]

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

Designed by
William E. Nordt, III, MD



Periosteal Elevator

Designed for better control

Designed with a curved end for easier use, and sharper sides for ease of elevating and stripping. The handle is designed for better control.



PRODUCT NO'S:

3450 [Curved]
Overall Length: 7.5" (19,1 cm)
Handle Length: 4.5" (11,4 cm)
Blade Size: 16 x 13 mm

3455 [Straight]
Overall Length: 7.75" (19,7 cm)
Handle Length: 4.5" (11,4 cm)
Blade Size: 19 x 14 mm

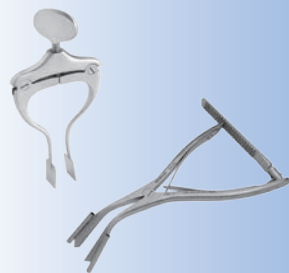


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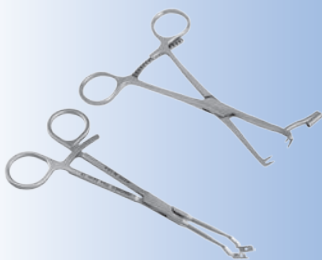
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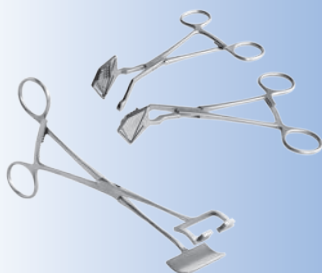
CALCANEAL SPREADERS ... 14



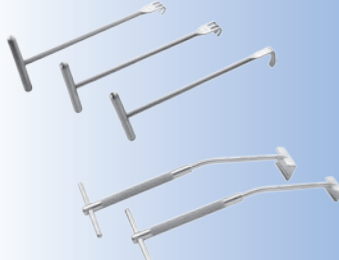
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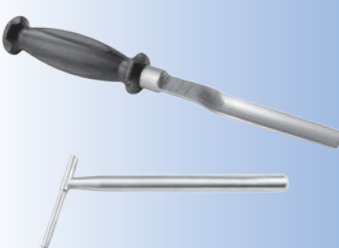
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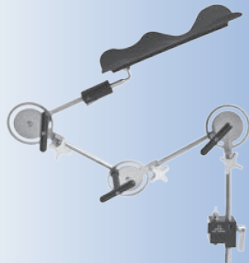


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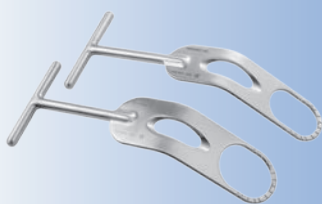


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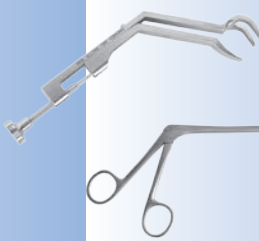
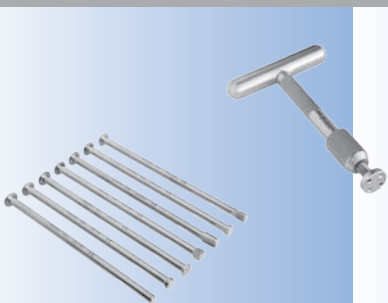
TOOLS, CLAMPS & GRASPERS ... 42



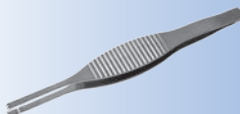
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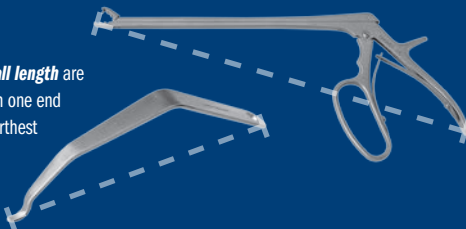
Mallets, Impactors, Cutters, Clams, Forceps, Curettes, Screwdrivers, Graspers, Calipers, Wire Benders & Tighteners, Wrenches, Chucks, Goniometers, Pliers, Periosteal Elevators, Forceps, Osteotomes



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:



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There is a pad replacement charge with the hip positioners.

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08-16

New!

Tissue Graspers with Shark Teeth

Designed by Luis Ulloa

Shark teeth help to grasp on to tissue and bone

Shaft allows for use in narrow spaces.



PRODUCT NO'S:

1784-01 [Up Angled Jaw]
Shaft Length: 7" (17,8 cm)
Overall Length: 10" (25,4 cm)
Jaw: 9 mm Long x 5 mm High x 1.8 mm Wide
1784-02 [Straight Jaw]
Shaft Length: 7" (17,8 cm)
Overall Length: 10" (25,4 cm)
Jaw: 9 mm Long x 5 mm High x 1.8 mm Wide
1784-03 [Down Angled Jaw]
Shaft Length: 7" (17,8 cm)
Overall Length: 10" (25,4 cm)
Jaw: 9 mm Long x 5 mm High x 1.8 mm Wide