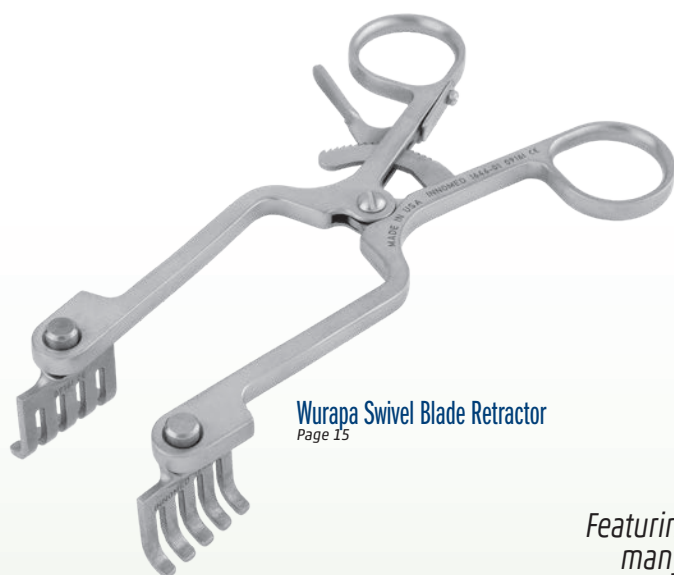


INNOMED

ORTHOPEDIC INSTRUMENTS



AUGUST 2020



Wurapa Swivel Blade Retractor
Page 15

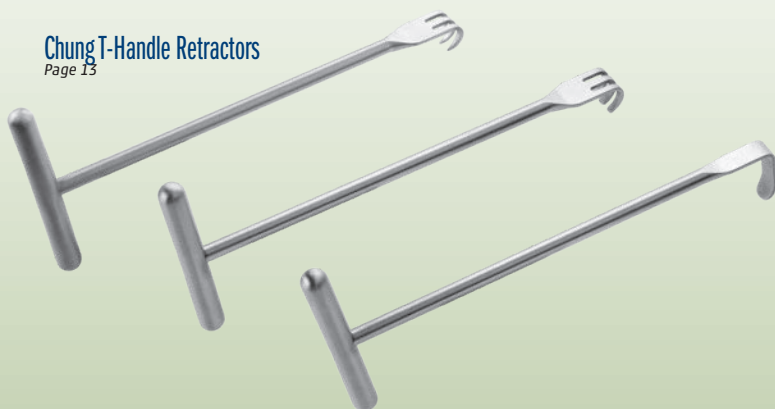


Yezerki Small Bone Rongeurs
Page 28

Featuring many **New!** instruments throughout



Faillace Extra Small Bone Clamp
Page 3



Chung T-Handle Retractors
Page 13

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Hand & Wrist Instruments

What's New In This Catalog?

a snapshot of all the *New!* instruments within

Faillace Extra
Small Bone Clamp
Page 3



Pointed Fracture
Reduction Clamps
Page 6



Medium with
Speed Lock

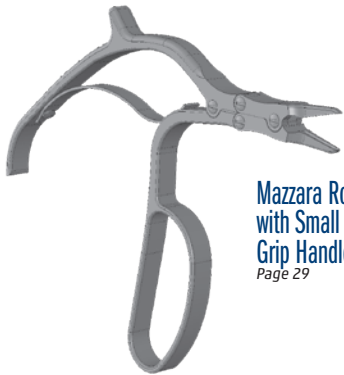
Small Bone Awns
Page 9



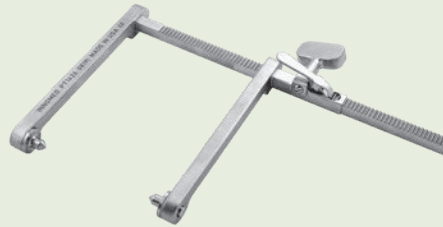
Small Bone Double Sided Chisel Set
Page 23



Mazzara Rongeur
with Small Pistol
Grip Handle
Page 29



Ratcheting Reduction Clamp Kit
Page 6



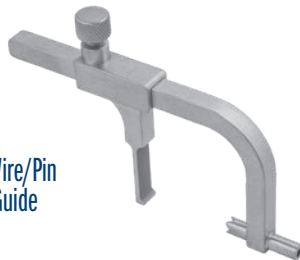
Resnick Small Bone Tamp
with 1.6 mm Oblique
K-Wire Hole
Page 21



Small Cannulated Ball Spike
Page 21



Mogul K-Wire/Pin
Insertion Guide
Page 7



Sarraf Fracture Reduction Thimble

Designed by Khaled M. Sarraf, MD

Helps to hold bone fragments in place during fixation



PRODUCT NO'S:

2290 [22 mm]
Overall Length: 1.185" (3 cm)
Guides Accept K-wires Up To: .078" (2 mm)

2291 [26 mm]
Overall Length: 1.185" (3 cm)
Guides Accept K-wires Up To: .078" (2 mm)



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.



Faillace Extra Small Bone Clamp

Designed by John J. Faillace, MD

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

PRODUCT NO:

1171

Overall Length: 5" (12,7 cm)
Jaw Length: 1" (2,5 cm)

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FOR INNOMED IN
GERMANY



New!



Small Bone Holding Forceps with Long Ratchet

Designed for use in stabilization of a fracture or osteotomy

PRODUCT NO:

1170

Overall Length: 5.75" (14,6 cm)

MADE EXCLUSIVELY
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GERMANY



OrthoLucent™ O'Brien Bone Clamp

Designed by Todd O'Brien, DPM

Designed for use in stabilization of a fracture or osteotomy

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

PRODUCT NO:

1815-R

Overall Length: 5.25" (13,3 cm)

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SWITZERLAND

O'Brien Bone Clamp

Designed by Todd O'Brien, DPM

Designed for use in stabilization of a fracture or osteotomy

PRODUCT NO:

1816

Overall Length: 5.25" (13,3 cm)



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
- Placement of guide wires during the open reduction and internal fixation of a patella fracture



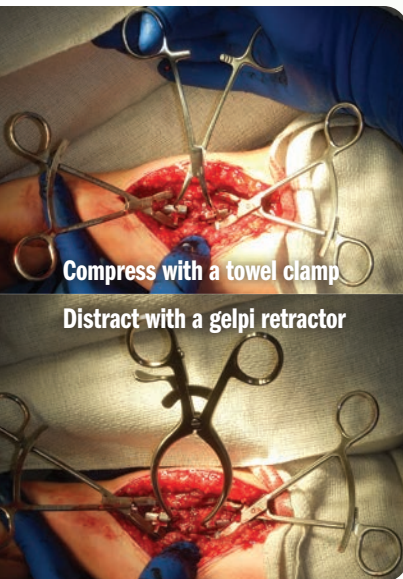
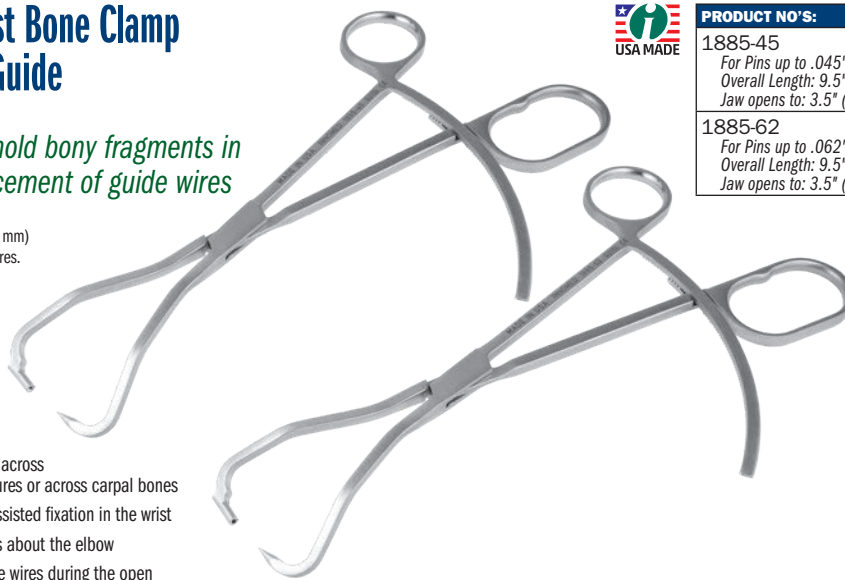
PRODUCT NO'S:

1885-45

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

1885-62

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



Compress with a towel clamp

Distract with a gelpi retractor

Stanton Articulating Small Bone Clamps

Designed by John L. Stanton, MD

Opposing clamps facilitate manipulation of fracture ends

The small tube allows use of a towel clamp to compress non-union and shortening osteotomies during fixation, as well as to allow the use of Gelpi retractors to distract malunions during revision surgery.

PRODUCT NO'S:

1811-00 [Set of Two]

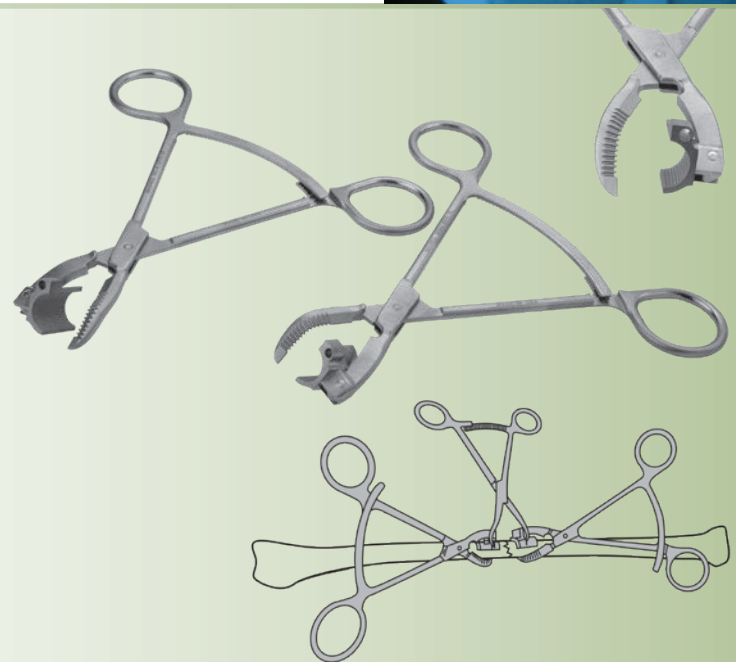
Also available individually:

1811-L [Left]

Overall Length: 5.125" (13 cm)
Curved Plate Radius: 5 mm
Pin Hole for Pins Up To: 2.4 mm

1811-R [Right]

Overall Length: 5.125" (13 cm)
Curved Plate Radius: 5 mm
Pin Hole for Pins Up To: 2.4 mm



Bush Small Bone Reduction Forceps

Designed by Andrew P. Bush, MD

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

Opens to approximately .5" (13 mm).

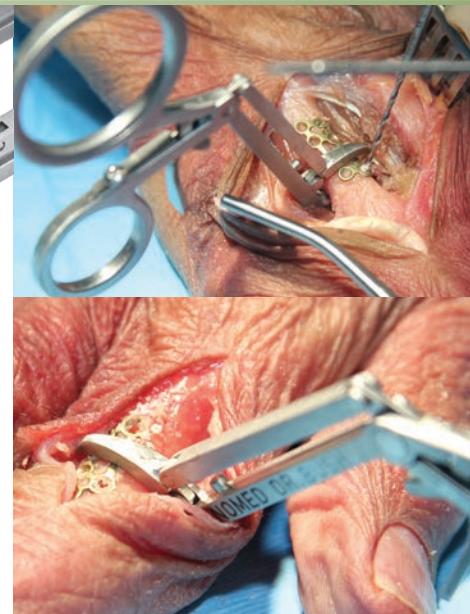
PRODUCT NO'S:

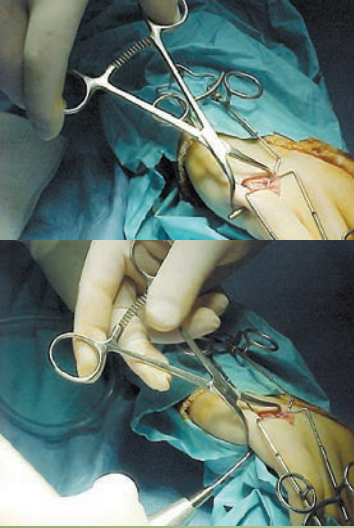
1889 [Single]

Overall Length: 4.5" (11.4 cm)
Jaw Width: .15" (3.7 mm)

1888 [Double]

Overall Length: 4.5" (11.4 cm)
Jaw Width: .7" (17.7 mm)





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)



Three Tube Sizes Available

Designed by M.R. Redler, MD

Chang Pin Clamp

Designed by Win Chang, MD

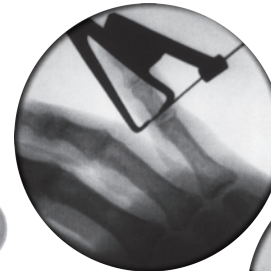
Designed to allow accurate insertion of pins for internal fixation

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

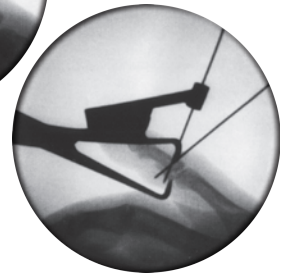
PRODUCT NO:

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

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(Prototype used in X-ray images)



Durham Bone Reduction Clamp

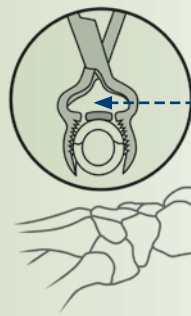
Designed by Alfred A. Durham, MD

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

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

PRODUCT NO:

3652
Overall Length: 7.375" (18,7 cm)



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



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)



Pointed Fracture Reduction Clamps

Designed by Reza Firoozabadi, MD MA

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

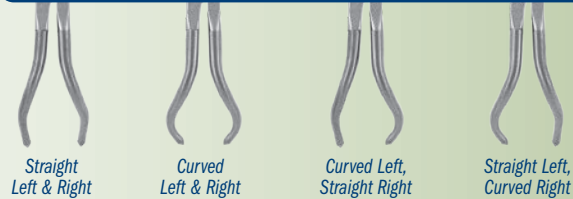
- ▶ 1.9 mm tines allow for a snug fit in 2 mm drill holes
- ▶ Tines angled to prevent clamp "slippage" with compression
- ▶ Straight tines can be placed deep within bone which allows for far cortex compression.
- ▶ Clamps incorporate a box joint design that prevents clamp joint loosening and the need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



PRODUCT NO'S:	
SMALL WITH SPEED LOCK MECHANISM	MEDIUM WITH SPEED LOCK MECHANISM
3666 [Straight Left & Right] Overall Length: 5.5" (14 cm)	3666-01 [Straight Left & Right] Overall Length: 7" (17,8 cm)
3667 [Curved Left & Right] Overall Length: 5.5" (14 cm)	3667-01 [Curved Left & Right] Overall Length: 7" (17,8 cm)
3666-L [Curved Left, Straight Right] Overall Length: 5.5" (14 cm)	3666-L-01 [Curved Left, Straight Right] Overall Length: 7" (17,8 cm)
3666-R [Straight Left, Curved Right] Overall Length: 5.5" (14 cm)	3666-R-01 [Straight Left, Curved Right] Overall Length: 7" (17,8 cm)
SMALL WITH RATCHET MECHANISM	
3668 [Straight Left & Right] Overall Length: 5.5" (14 cm)	
3669 [Curved Left & Right] Overall Length: 5.5" (14 cm)	
3668-L [Curved Left, Straight Right] Overall Length: 5.5" (14 cm)	
3668-R [Straight Left, Curved Right] Overall Length: 5.5" (14 cm)	



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



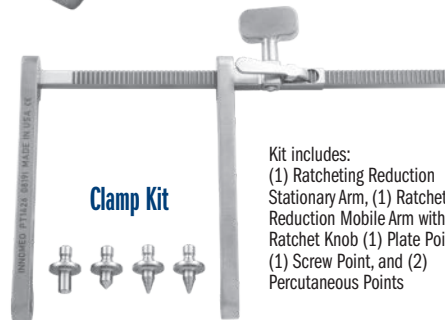
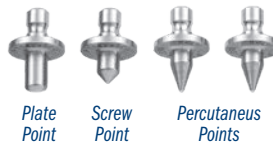
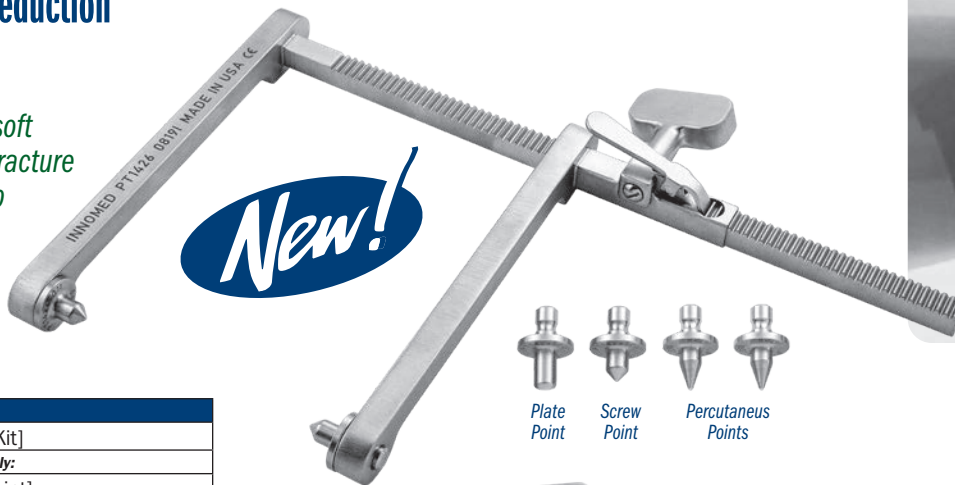
Ratcheting Reduction Clamp Kit

Designed by Michael Craig, OPA-C

Designed as a soft tissue sparing fracture reduction clamp



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



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

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

Rudisill Locking Small Bone Reduction Forcep

Designed by Ed Rudisill, MD

For reduction of hand phalanx and metacarpal fractures

PRODUCT NO:

2017

Overall Length: 4.875" (12,4 cm)

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Lewin Small Bone Clamp

PRODUCT NO:

4685

Overall Length: 5" (12,7 cm)

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Mogul K-Wire/Pin Insertion Guide

Designed by Stuart J. Mogul, DPM, FACFAS

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

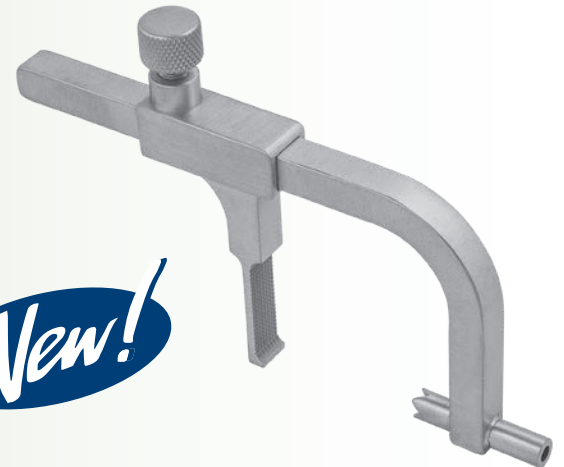
PRODUCT NO:

3017

Dimensions: 2.375" Tall x 3.75" Wide (6 x 9,5 cm)
Maximum Pin Diameter: 3/32" (2,4 mm)
Maximum Clamped Opening: 2" (5,1 cm)
Minimum Clamped Opening: .375" (1 cm)
Pin/K-Wire Guide Length: .925" (23,5 mm)



New!



Argintar Claw Drill Guide Wire/Suture Passer

Designed by Evan Argintar MD

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

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



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)





Wixted Fracture Distractor

Designed by John J. Wixted, MD

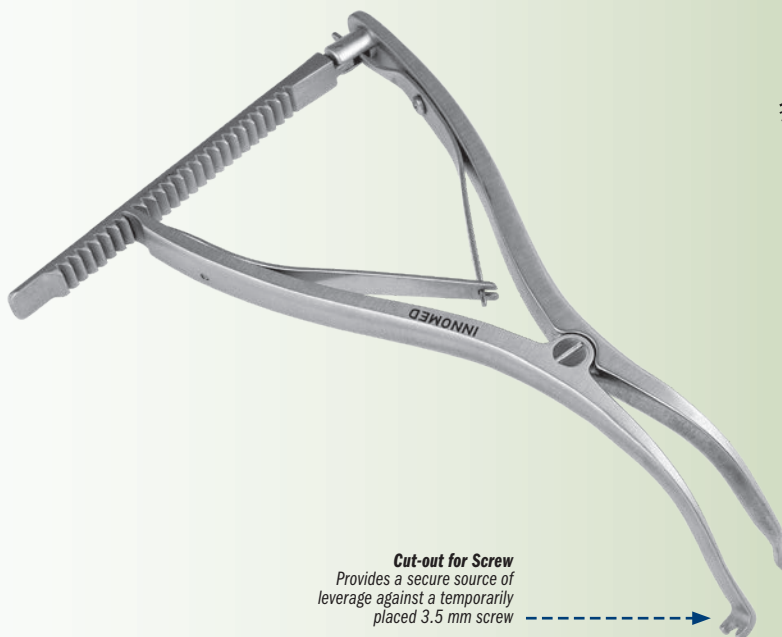
Designed to provide opposing leverage to help bring the fibula (or other bone) back out to its proper length after it has been shortened by a fracture

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



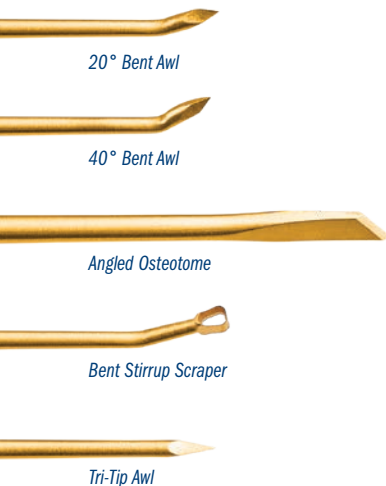
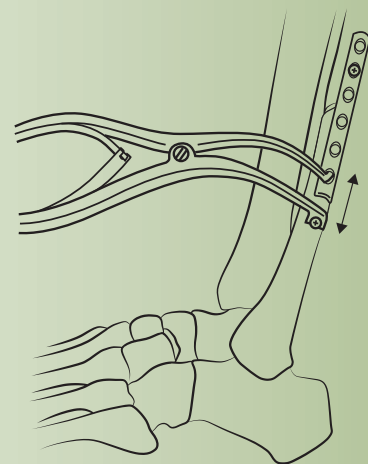
PRODUCT NO:

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



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

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



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



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)



Small Bone Awls

Designed by Reza Firoozabadi, MD

Designed to help with manipulation of bone fragments for fixation

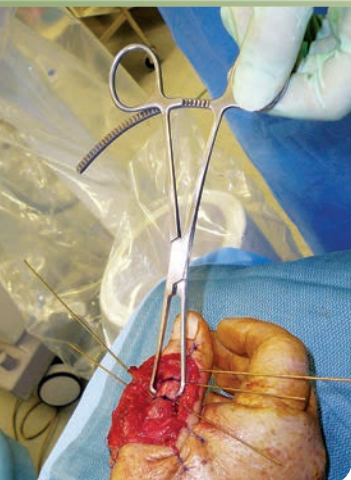
PRODUCT NO'S:

5078 [Standard]
Overall Length: 10.5" (26,7 cm)
Handle Length: 5" (12,7 cm)

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



New!



Resnick Allis Bone Clamp

Designed by Charles T. Resnick MD

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

PRODUCT NO:

1385
Overall Length: 6" (15,2 cm)
Ratcheted Clamp Opens to: 37 mm
Clamp End Width: 4.7 mm

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Coated Allis Bone Clamps

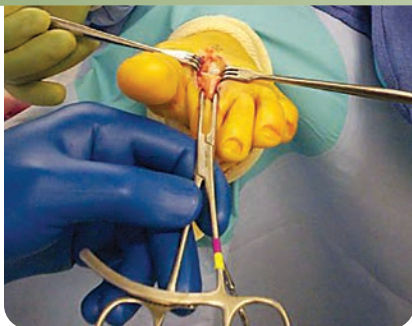
A traditional Allis Bone Clamp designed with a longer ratchet—for a wider opening to allow a bone and plate to be clamped and locked onto—and coated end(s) to prevent from marring a component surface

PRODUCT NO'S:

1381 [One Coated End]
Overall Length: 6.125" (15,9 cm)
Ratcheted Clamp Opens to: 35 mm
Non-coated-end Width: 4 mm

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

Modification of design by Charles
T. Resnick MD



Slavitt Phalangeal Forceps

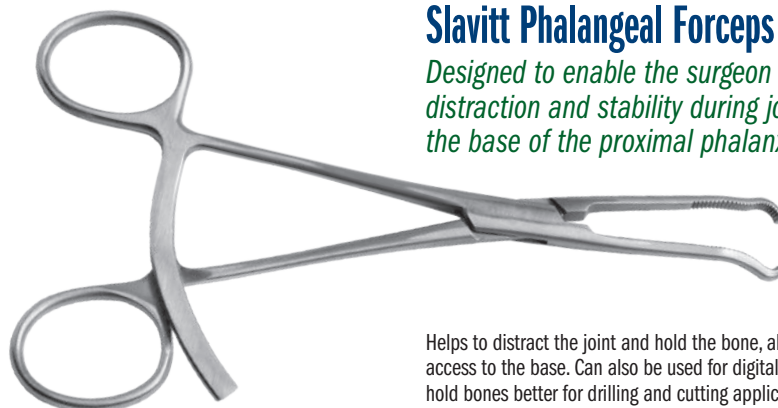
Designed by Jerome Slavitt, DPM

Designed to enable the surgeon to provide joint distraction and stability during joint placement at the base of the proximal phalanx of the lesser digits

PRODUCT NO:

1163
Overall Length: 6" (15,2 cm)
Clamp Internal Opening Diameter: 4 mm

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

Kakar Carpal Tunnel Retractors

Designed by Sanj Kakar, MD

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



PRODUCT NO'S:

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



Burgess Carpal Tunnel Retractor

Designed by Kraig Burgess, DO

Designed for exposure during carpal tunnel surgery

PRODUCT NO:

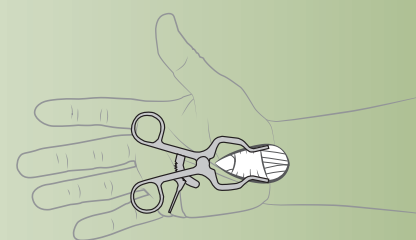
1887

Overall Length: 4.25" (10,8 cm)

Blade Length: 12 mm

Blade Depth: 8 mm

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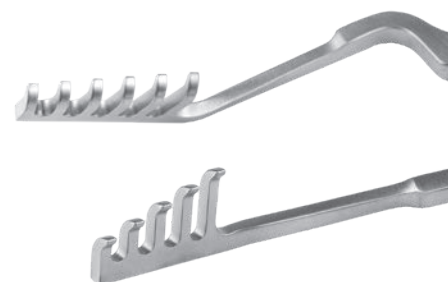
Holiday Self-Retaining Carpal Tunnel Retractor

Designed by Allan Holiday, MD

PRODUCT NO:

1113

Overall Length: 6" (15,2 cm)



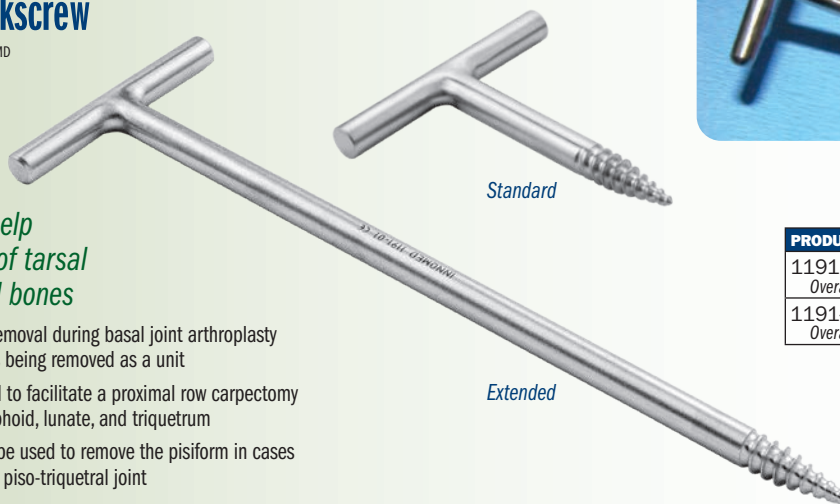


Lubahn Corkscrew

Designed by John D. Lubahn, MD

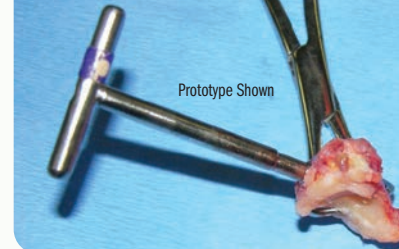
Designed to help with removal of tarsal and/or carpal bones

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



Standard

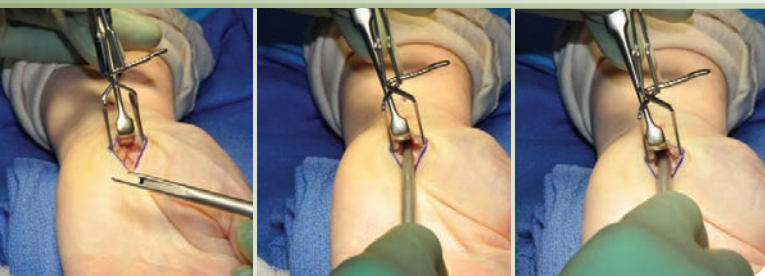
Extended



PRODUCT NO'S:

1191 [Standard]
Overall Length: 2.25" (5,7 cm)

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



PRODUCT NO'S:

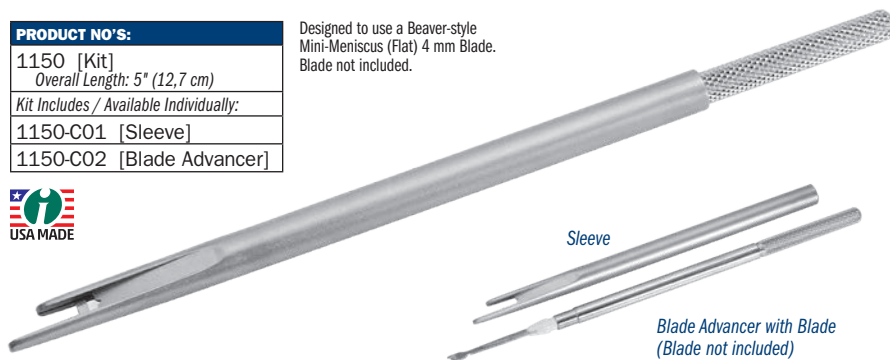
1150 [Kit]
Overall Length: 5" (12,7 cm)

Kit Includes / Available Individually:

1150-C01 [Sleeve]

1150-C02 [Blade Advancer]

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



Sleeve

Blade Advancer with Blade
(Blade not included)

Hagan Carpal Tunnel Release Sleeve

Designed by Hugh Hagan, MD

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

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

Evans Universal Carpal Tunnel Knife Guide

Designed by Peter J. Evans, MD, PhD

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

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



PRODUCT NO:

1128
Overall Length: 8" (20,3 cm)
Blade Guide Widths: 2 mm and 5 mm





OrthoLucent™ Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Radiolucent, lightweight retractors

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

PRODUCT NO'S:

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

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

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PRODUCT NO'S:

1665 [Blade: 6 mm Wide / 35 mm Drop]
Overall Length: 5.875" (14,9 cm)
Blade Width: 6 mm
Blade Drop: 35 mm

1665-01 [Blade: 6 mm Wide / 17 mm Drop]
Overall Length: 5.5" (14 cm)
Blade Width: 6 mm
Blade Drop: 17 mm

1666 [Blade: 8 mm Wide / 35 mm Drop]
Overall Length: 5.875" (14,9 cm)
Blade Width: 8 mm
Blade Drop: 35 mm

1666-01 [Blade: 8 mm Wide / 17 mm Drop]
Overall Length: 5.5" (14 cm)
Blade Width: 8 mm
Blade Drop: 17 mm



Modified Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Used for small bone surgery



J.B. Redler Retractor

Designed by M.R. Redler, MD

PRODUCT NO:

1645
Overall Length: 5" (12,7 cm)

MADE EXCLUSIVELY
FOR INNOMED IN
GERMANY



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

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

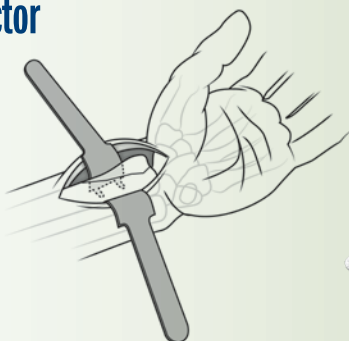
Beard Distal Radius Wide Hohmann Retractor

Designed by David Beard, MD

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

PRODUCT NO:

5837-01
Overall Length: 5.375 (13,7 cm)
Blade Width: 1" (25 mm)





Chung T-Handle Retractors

Designed by Raymond Chung, MD

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

PRODUCT NO'S:

1159 [Standard Sharp Rake]

Overall Length: 4.5" (11,4 cm)

Blade Width: 9 mm

Blade Depth: 7 mm

1161 [Standard Blunt Rake]

Overall Length: 4.5" (11,4 cm)

Blade Width: 9 mm

Blade Depth: 7 mm

1162 [Standard Senn]

Overall Length: 4.5" (11,4 cm)

Blade Width: 6 mm

Blade Depth: 16 mm

1159-01 [Extended Sharp Rake]

Overall Length: 5.625" (14,4 cm)

Blade Width: 9 mm

Blade Depth: 7 mm

1161-01 [Extended Blunt Rake]

Overall Length: 5.625" (14,4 cm)

Blade Width: 9 mm

Blade Depth: 7 mm

1162-01 [Extended Senn]

Overall Length: 5.625" (14,4 cm)

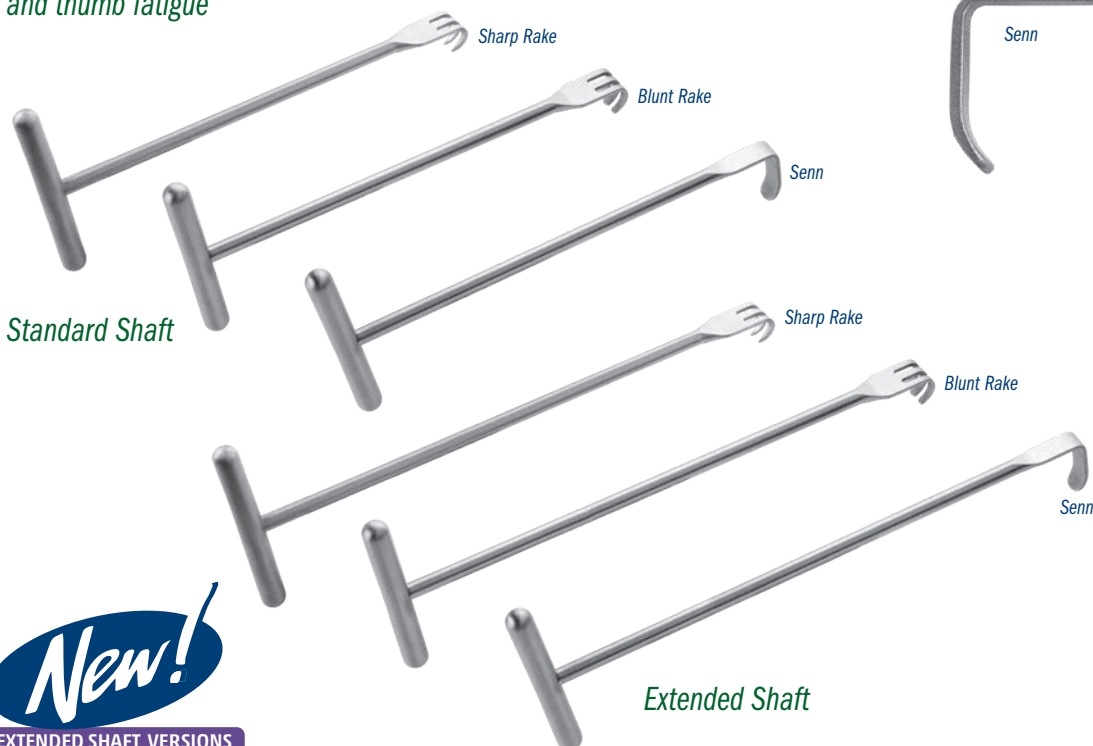
Blade Width: 6 mm

Blade Depth: 16 mm



New!

EXTENDED SHAFT VERSIONS



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

MADE EXCLUSIVELY
FOR INNOVIMED IN
GERMANY



Hendren Self-Retaining Retractor

Designed by D.H. Hendren, MD

Gentle on tissue and very effective in holding back subcutaneous fat

Also useful for retracting the deltoid muscle firmly.

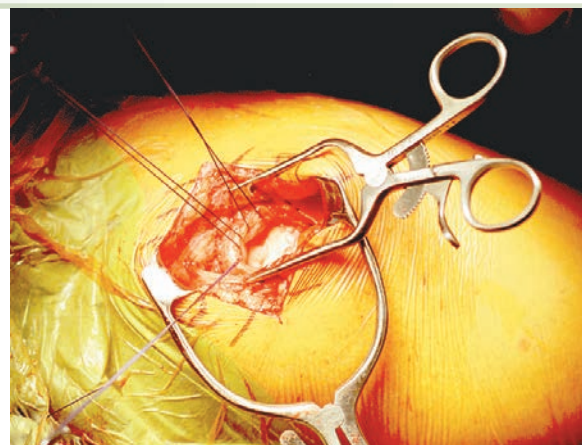
PRODUCT NO:

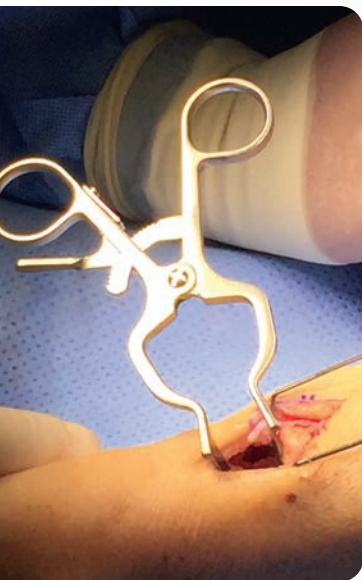
1745

Overall Length: 5.5" (14 cm)

Blade Size: 18 mm x 13 mm

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FOR INNOVIMED IN
GERMANY





HFD Self-Retaining Small Bone Spreader

Versatile spreader featuring narrow tapered blades which, when together, make a small wedge to enter a tight bone interface or osteotomy

Blades feature a non-aggressive grip pattern that can be used when spreading apart bone as well as providing retraction of soft tissue in a smaller wound.

PRODUCT NO:

1829

Overall Length: 4.5" (11,4 cm)

Blade Depth: 28 mm

Blade Width Tapers from: 8 mm to 5 mm



Hendren Neuroma Retractor

Designed by Douglas H. Hendren, MD

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

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

PRODUCT NO'S:

1680-02 [Large]

Overall Length: 5.5" (14 cm)

1680-01* [Small]

Overall Length: 4.25" (10,8 cm)



* MADE EXCLUSIVELY FOR INNOMED IN GERMANY



PRODUCT NO:

1841

Overall Length: 6.75" (17,1 cm)

Prong Length: .5" (12,7 mm)

Calibrations: 10 mm to 35 mm



Calibrated Ortho Spreader with Slotted Tips

Designed by Jason Bariteau, MD

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

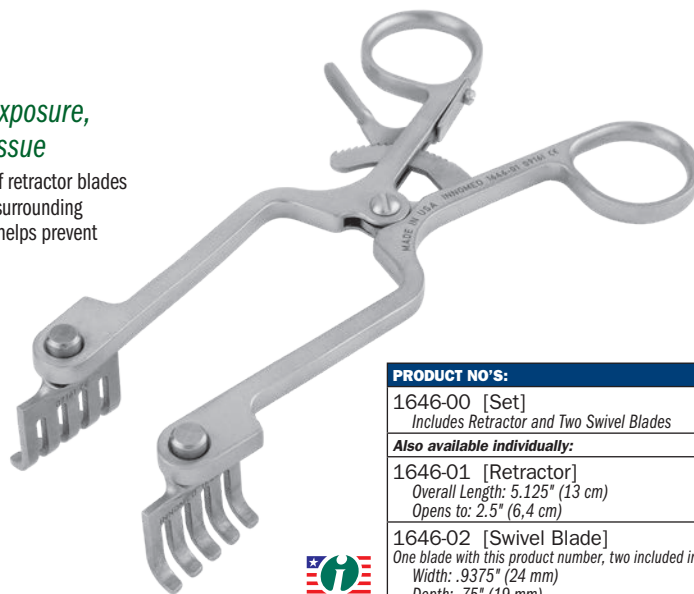


Wurapa Swivel Blade Retractor

Designed by Raymond Wurapa, MD

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

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



PRODUCT NO'S:

1646-00 [Set]
Includes Retractor and Two Swivel Blades

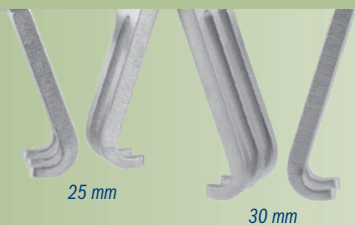
Also available individually:

1646-01 [Retractor]
Overall Length: 5.125" (13 cm)
Opens to: 2.5" (6,4 cm)

1646-02 [Swivel Blade]
One blade with this product number, two included in set
Width: .9375" (24 mm)
Depth: .75" (19 mm)



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



Chung Weitlaner Retractors

Designed by Raymond Chung, MD

Longer prongs allow use in a small, but deep wound



3x4 Prongs



3x2 Prongs

PRODUCT NO'S:

3x4 Prongs — Blunt Tips

5065-01 [25 mm]
Blade Depth: 25 mm
Overall Length: 4.5" (11,4 cm)

5067-01 [30 mm]
Blade Depth: 30 mm
Overall Length: 4.5" (11,4 cm)

3x4 Prongs — Sharp Tips

5066-01 [25 mm]
Blade Depth: 25 mm
Overall Length: 4.5" (11,4 cm)

5068-01 [30 mm]
Blade Depth: 30 mm
Overall Length: 4.5" (11,4 cm)

PRODUCT NO'S:

2x3 Prongs — Blunt Tips

5065 [25 mm]
Blade Depth: 25 mm
Overall Length: 4.5" (11,4 cm)

5067 [30 mm]
Blade Depth: 30 mm
Overall Length: 4.5" (11,4 cm)

2x3 Prongs — Sharp Tips

5066 [25 mm]
Blade Depth: 25 mm
Overall Length: 4.5" (11,4 cm)

5068 [30 mm]
Blade Depth: 30 mm
Overall Length: 4.5" (11,4 cm)



Williams Distal Radius Fracture Retractor

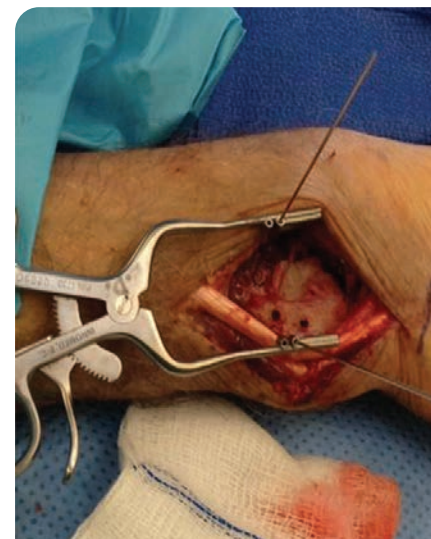
Designed by Craig S. Williams, MD and Eric Dahlinger

Designed to provide excellent exposure during fracture reduction and plating

PRODUCT NO'S:

1837-L [Left]
For Pins up to .045" (1.1 mm)
Overall Length: 4.5" (11,4 cm)
Blade Depth: 20 mm
Blade Width: 12.5 mm

1837-R [Right]
For Pins up to .045" (1.1 mm)
Overall Length: 4.5" (11,4 cm)
Blade Depth: 20 mm
Blade Width: 12.5 mm



Faillace Ambidextrous Self-Retaining Retractor

Designed by John J. Faillace, MD

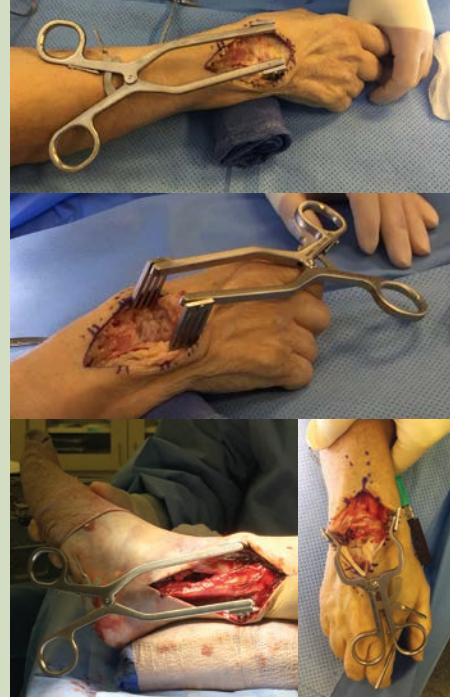
Handle can be rotated away from the surgeon after insertion if desired

PRODUCT NO'S:

1580 [7 Teeth]
Overall Length: 7.5" (19,1 cm)
Prong Depth: 38 mm
Prong Width: 34 mm

1579 [4 Teeth]
Overall Length: 6" (15,2 cm)
Prong Depth: 38 mm
Prong Width: 18 mm

1579-01 [Small – 4x3 Teeth]
Overall Length: 5.25" (13,3 cm)
Prong Depth: 20 mm
Prong Width: 18 mm / 13 mm



Dodson Modular Retractor

Designed by Mark A. Dodson, MD

Allows the limb to be rotated (pronated or supinated) without loss of exposure. The hohmann retractors have three hole sizes which allow for a variety of positioning angle options using the teeth of the self-retaining retractor, or can also be positioned in-between the teeth. The hohmann is placed around the bone, and thus reduces the force on the soft tissues while increasing exposure. Can be used in the forearm to treat radius and ulna shaft fractures, humerus fractures, as well as in the leg for fibula fractures.

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

PRODUCT NO'S:

1838-00 [Set]

Replacement Parts:

1838-01 [Retractor Only]
Overall Length: 5.5" (14cm)

1838-02 [Blade Only – One]
Overall Length: 5.25" (13,3cm)
Blade Width: 3/8" (9mm)

1025 [Sterilization Case Only]

Optional Parts — Not Included In Set:

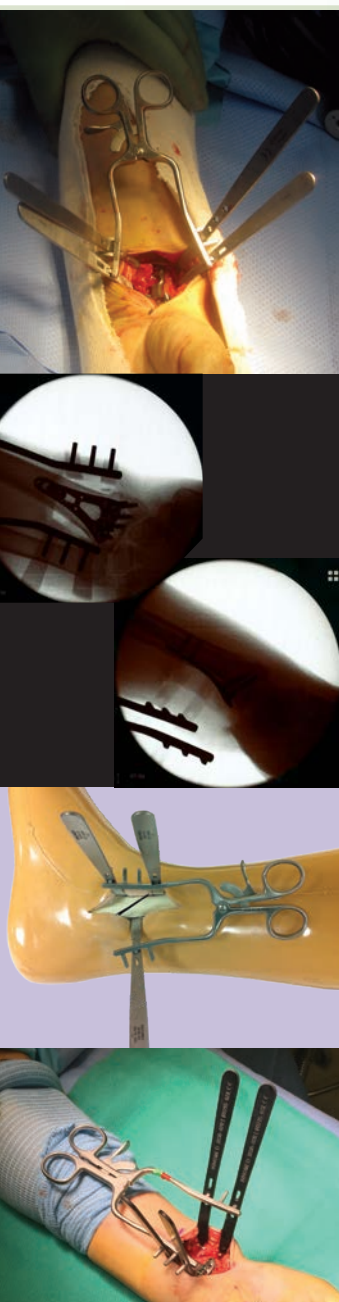
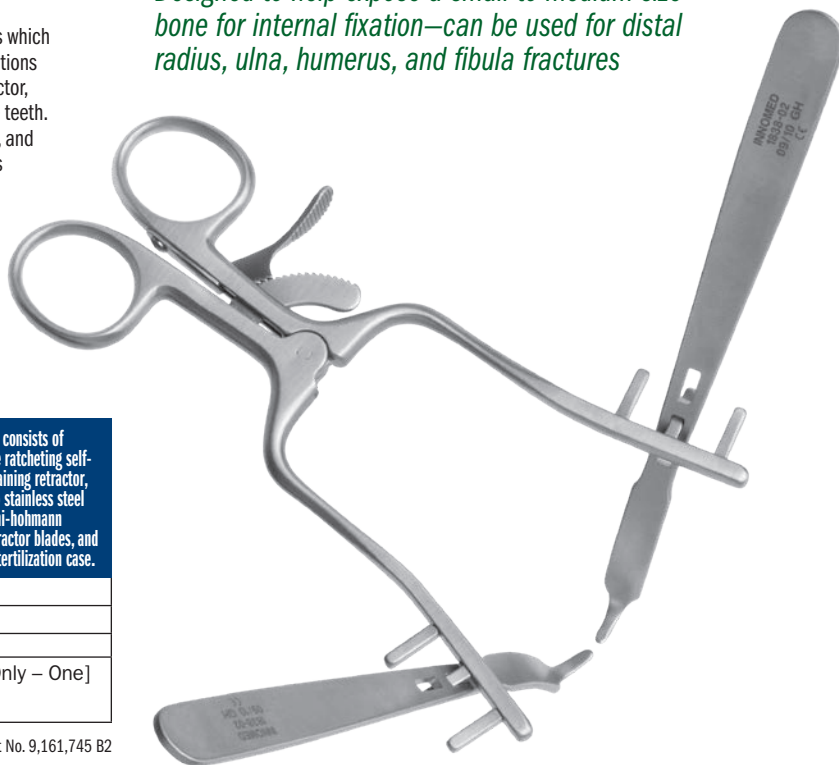
1838-02R* [Radiolucent Blade Only – One]
Overall Length: 5.25" (13,3cm)
Blade Width: 3/8" (9mm)

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

US Patent No. 9,161,745 B2



Optional radiolucent carbon fiber PEEK composite blade

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

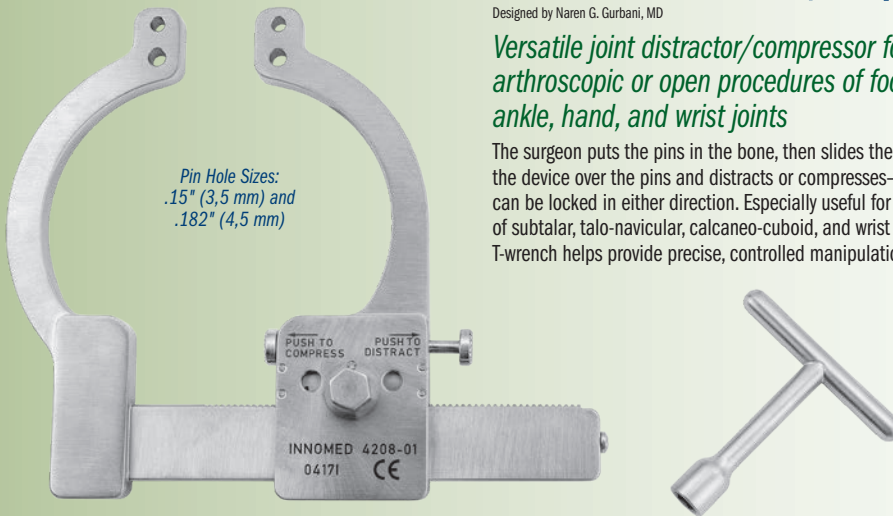


Gurbani Joint Distractor/Compressor

Designed by Naren G. Gurbani, MD

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

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



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



PRODUCT NO'S:

4208-00 [Set]

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

Available individually:

4208-01 [Distractor/Compressor Only]

Dimensions: 6" w x 5" h (15,2 cm x 12,7 cm)

Distracts up to: 3" (7,6 cm) / Compresses down to: .5" (1,3 cm)

4208-TW [T-Wrench]

Dimensions: 3" w x 3" h (7,6 cm x 7,6 cm)

1025 [Sterilization Case]



Ortho Self-Retaining Retractor with Pin Guides

Designed by Sean Dunn, DPM

Designed to distract a small joint during fusion or osteotomy alignment surgery

PRODUCT NO:

1842-02

Overall Length: 6.5" (16,5 cm)

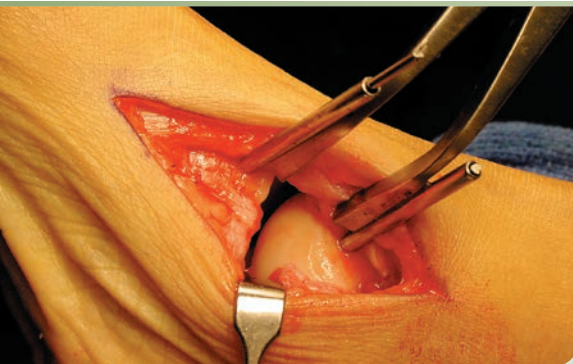
Blade Width: 7 mm

Blade Extension (beyond guides): .4" (1 cm)

Blade Thickness: 1.68 mm

Pin Guide Length: 1.25" (3,2 cm)

Pin Guide Internal Diameter: .085" (2,1 mm)



Weinraub Joint and Calcaneal Spreader

Designed by Glenn M. Weinraub DPM, FACFAS



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

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

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

MADE EXCLUSIVELY
FOR INNOVED IN
GERMANY

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)



LARGE
Outspread and
Closed Arms



SMALL
Outspread and
Closed Arms



EXTRA SMALL
Closed Arms only

Joint, Calcaneal and Small Bone Distractors with Thumbscrews

Thumbscrew Modification Designed by Kelly McCormick, MD

Thumbscrews help prevent the unit from sliding on the pins

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



WITH THUMBSCREWS
Large and Small,
Outspread and Closed Arms

Joint, Calcaneal, and Small Bone Compressor

Designed for compression in fracture and osteotomy procedures

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

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



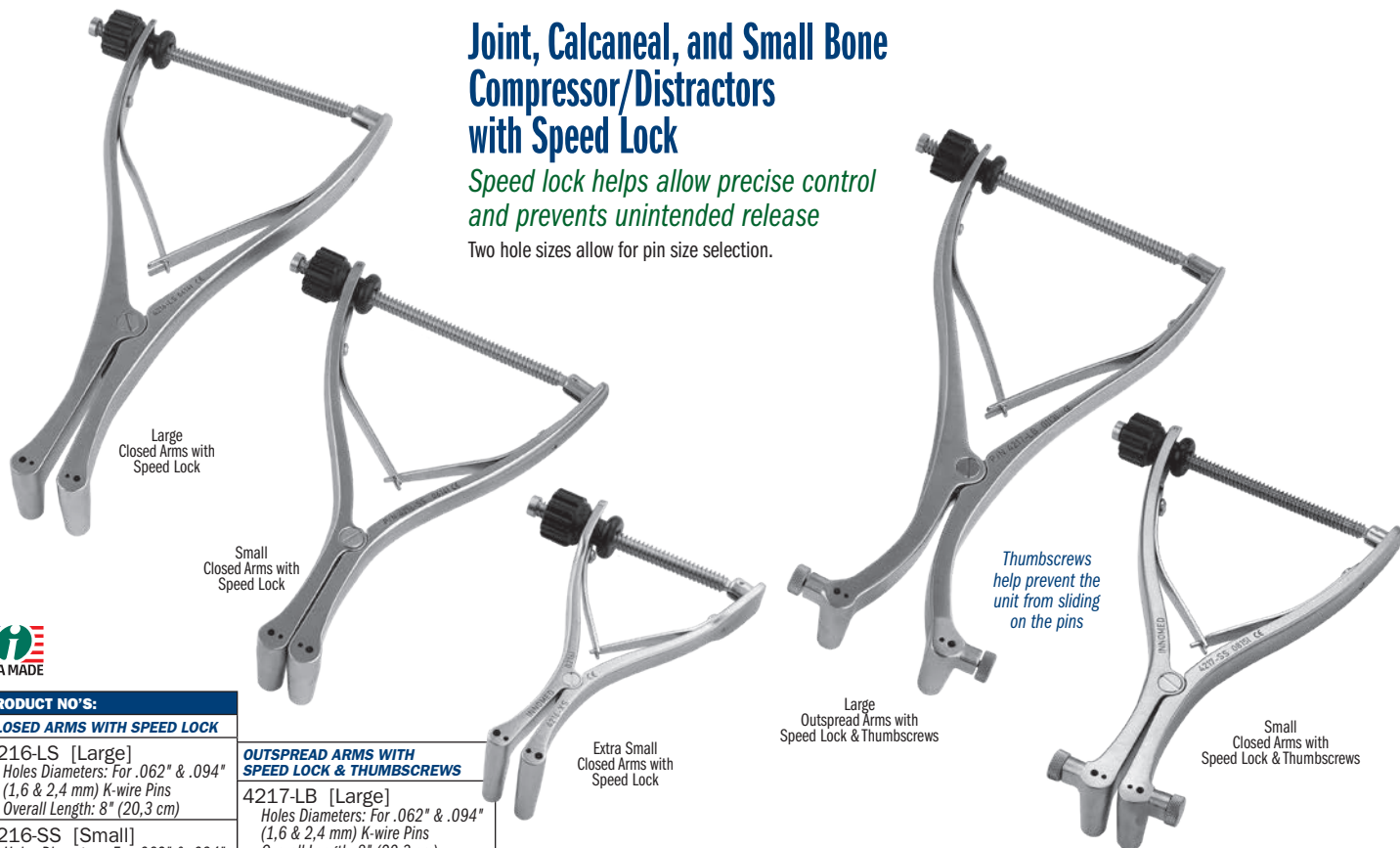
EXTRA SMALL

SMALL

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

Speed lock helps allow precise control and prevents unintended release

Two hole sizes allow for pin size selection.



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)

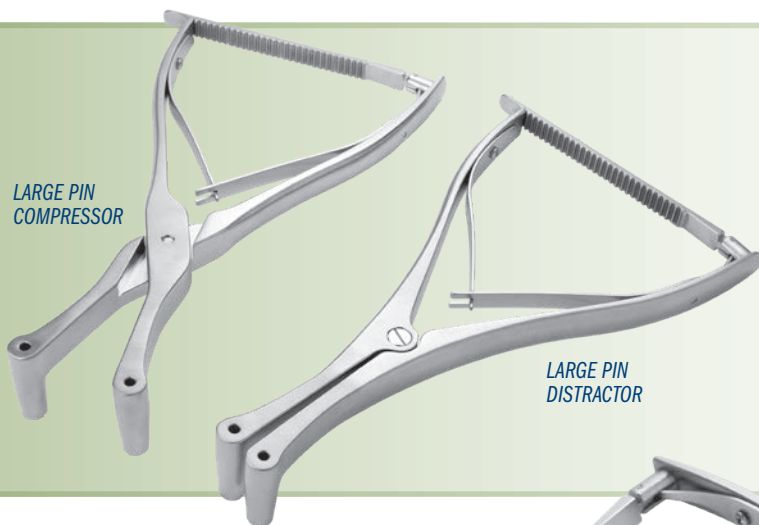
OUTSPREAD ARMS WITH SPEED LOCK & THUMBSCREWS

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)

LARGE PIN COMPRESSOR



LARGE PIN DISTRACTOR

Large Pin Distractor and Compressor

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

PRODUCT NO'S:

4233 [Large Pin Distractor]
Hole Diameters: For .125" (3,2 mm) K-wire Pins
Overall Length: 8" (20,3 cm)

4234 [Large Pin Compressor]
Hole Diameters: For .125" (3,2 mm) K-wire Pins
Overall Length: 8" (20,3 cm)



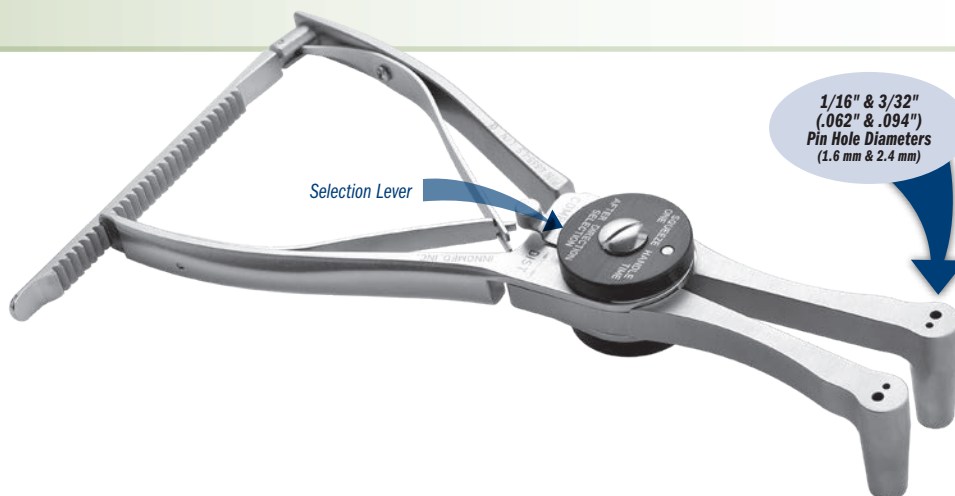
Joint, Calcaneal, and Small Bone Compressor/Distractor

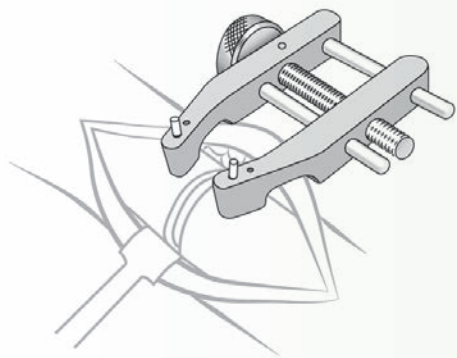
Selection lever switches the mechanism from compression to distraction

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

PRODUCT NO:

4865-LS
Overall Length: 8.5" (21,6 cm)
Holes For: .062" & .094" (1,6 & 2,4 mm) K-wire Pins

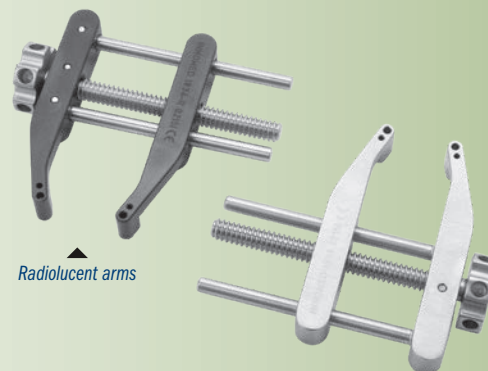
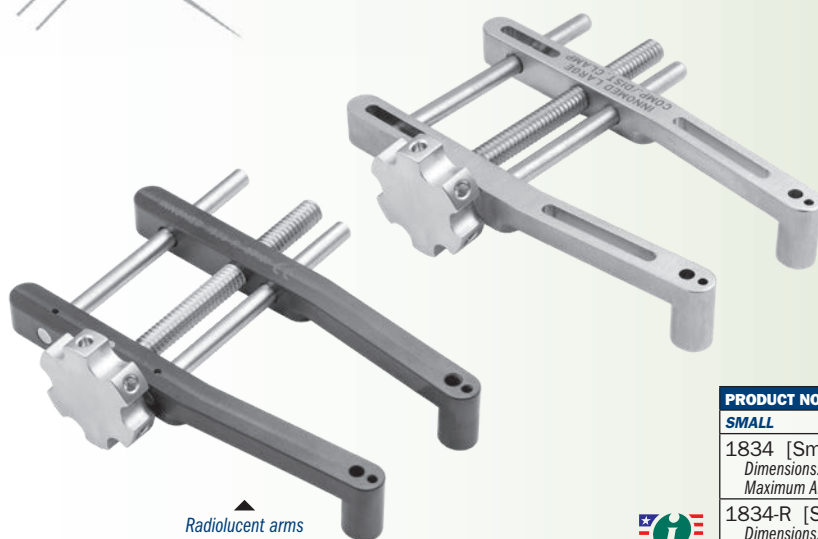




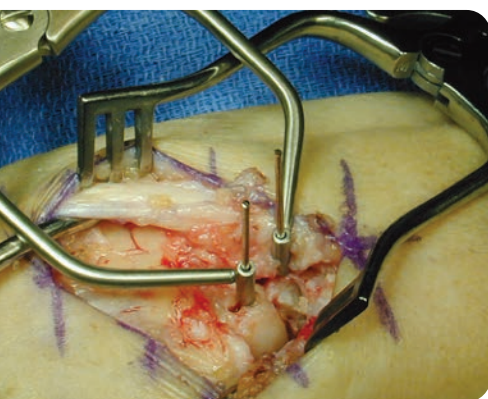
HFD Compressor/Distractor

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

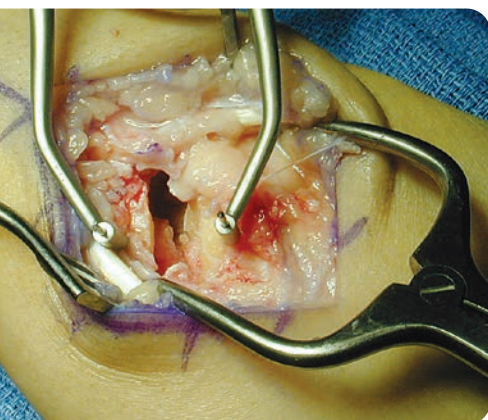
- ▶ A .125" (3,2 mm) pin can be used in the holes of the thumbwheel for leverage
- ▶ Small: Two hole sizes allow for ease of pin size selection: .045" (1,1 mm) & .062" (1,6 mm)
- ▶ Large: Two hole sizes allow for ease of pin size selection: .082" (2,0 mm) & .125" (3,2 mm)
- ▶ Radiolucent arms are a steam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



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



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



Wurapa Small Joint Compressor and Distractor

Designed by Raymond K. Wurapa, MD

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



Available with two hole sizes on each instrument!

Designed to simplify several small joint procedures:

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

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



Small Cannulated Ball Spike

Designed by Benjamin C. Taylor, MD

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

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

PRODUCT NO:

8092

Overall Length: 4.5" (11,4 cm)

Handle Length: 3" (7,6 cm)

Ball Diameter: .275" (7 mm)



New!



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

Accepts k-wires up to: .081" (2 mm)

Tube Length: 1.875" (4,8 cm)

Overall Length: 4.25" (10,8 cm)

Handle Length: 3.15" (8 cm)

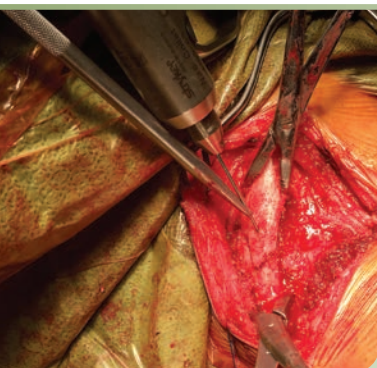
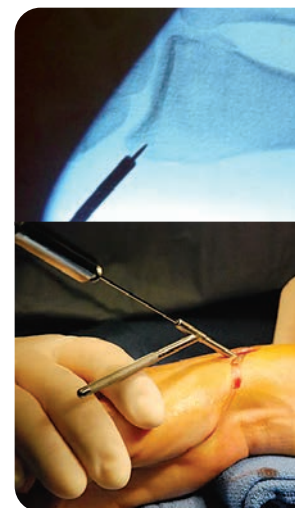
3015-054

Accepts k-wires up to: .054" (1,4 mm)

Tube Length: 1.875" (4,8 cm)

Overall Length: 4.25" (10,8 cm)

Handle Length: 3.15" (8 cm)



Resnick Small Bone Tamp with Oblique K-Wire Hole

Designed by Charles Resnick, MD

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

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

New!



PRODUCT NO'S:

5294 [1.2 mm Hole]

Wire Hole for: 1,2 mm (.045") K-wire

Overall Length: 7.5" (19,1 cm)

Shaft Diameter: 6,3 mm

End Diameter: 2,5 mm

5294-01 [1.6 mm Hole]

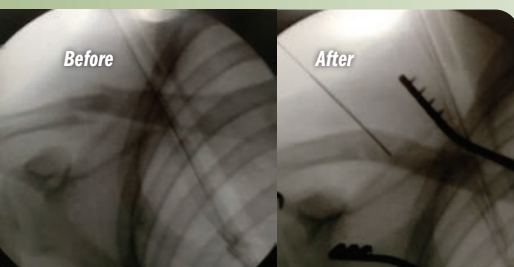
Wire Hole for: 1,6 mm (.062") K-wire

Overall Length: 7.5" (19,1 cm)

Shaft Diameter: 6,3 mm

End Diameter: 2,5 mm

- ▶ The serrated distal end minimizes slippage on the cortical surface, does not interfere with the placement of the guidewire and allows for subsequent surgeon-decided, intraoperative angulation of the wiring once the first cortex is drilled
- ▶ Especially useful in fractures where there is involvement of an articular surface, for example, mallet fractures of the distal phalanx, articular fractures that involve ligamentous attachments or tendon attachments of the phalanges, scaphoid pole small fracture fragments or other small carpal fractures, and radial styloid fractures





Desai Curette Osteotomes

Designed by Sarang Desai, DO

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

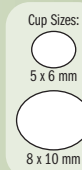
PRODUCT NO'S:

5241 [5 x 6 mm]
Overall Length: 8.25" (21 cm)
Osteotome Width: 3.5 mm
Osteotome Length: 3.5 mm from edge of cup

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



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



Hemisphere Curettes

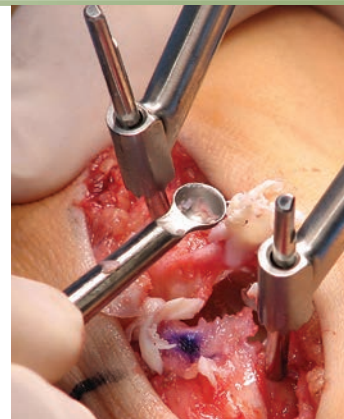
Designed by Richard Wittcock, DPM and Rob Baglio, DPM

Designed for small joint surgery

PRODUCT NO'S:

5345
Overall Length: 5.75" (14,6 cm)
Curette Diameter: 5 mm

5349
Overall Length: 5.75" (14,6 cm)
Curette Diameter: 9 mm



Ring Curettes



PRODUCT NO'S:

Straight Shaft
Overall Length: 8.75" (22,2 cm)

5150 [3 mm, Straight]
Ring Diameter: 3 mm



5152 [6 mm, Straight]
Ring Diameter: 6 mm

5154 [8 mm, Straight]
Ring Diameter: 8 mm



PRODUCT NO'S:

Bent Shaft
Overall Length: 8.625" (21,9 cm)

5156 [3 mm, Bent]
Ring Diameter: 3 mm



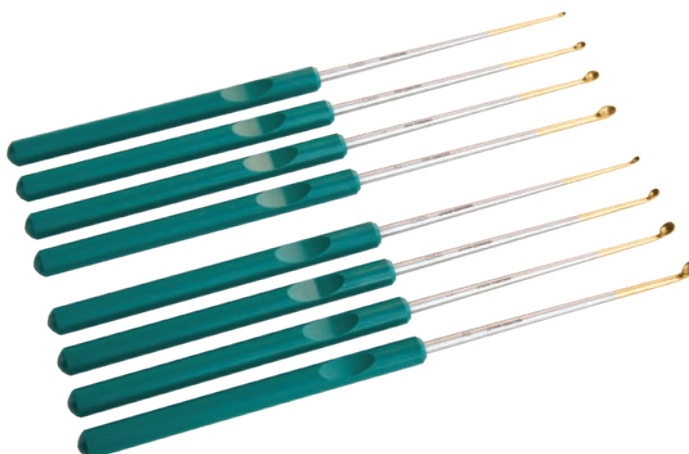
5157 [6 mm, Bent]
Ring Diameter: 6 mm

5158 [8 mm, Bent]
Ring Diameter: 8 mm



Micro Curettes

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



PRODUCT NO'S:

Straight Micro Curettes

Overall Length: 9.75" (24,8 cm)
Shaft Length: 4.5" (11,4 cm)

4242 Cup Size 2

4240 Cup Size 1

4244 Cup Size 4/0

4246 Cup Size 6/0

Angled Micro Curettes

Overall Length: 9.75" (24,8 cm)
Shaft Length: 4.5" (11,4 cm)

4242-01 Cup Size 2

4240-01 Cup Size 1

4244-01 Cup Size 4/0

4246-01 Cup Size 6/0



PRODUCT NO'S:	
5304-00	[Set with Case]
Set Includes / Available Individually:	
5304-01	[Chisel – .170"] Overall Length: 8" (20,3 cm) Handle Length: 4.25" (10,8 cm) Blade Width: .170" (4,3 mm)
5304-02	[Chisel – .250"] Overall Length: 8" (20,3 cm) Handle Length: 4.25" (10,8 cm) Blade Width: .250" (6,35 mm)
5304-03	[Chisel – .335"] Overall Length: 8" (20,3 cm) Handle Length: 4.25" (10,8 cm) Blade Width: .335" (8,5 mm)
5304-04	[Chisel – .500"] Overall Length: 8" (20,3 cm) Handle Length: 4.25" (10,8 cm) Blade Width: .500" (12,7 mm)
5304-05	[Chisel – .750"] Overall Length: 8" (20,3 cm) Handle Length: 4.25" (10,8 cm) Blade Width: .750" (19 mm)
1025	[Sterilizable Case]



Small Bone Double Sided Chisel Set

Designed by Irvin Oh, MD

Designed for preparation of small and medium joints for fusion

Specifically designed for foot and ankle joints, these chisels can also be useful in other small and medium joints, helping to facilitate delamination of the cartilage in preparation for fusion.

The double-sided chisels have different radius of curvature—one side to initiate breaking through the cartilage-bone interface and continue to slide along the curved articular surface, while the opposite side blade will continue to peel off the cartilage while sliding along—allowing utilization for various shapes of small and medium joints.



New!

Whelan Flexible Chisel Guide

Designed by E. J. Whelan, III, MD

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

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



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

Complete Set

Two blades included in Set

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

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



Mini-Ilex Osteotomes

Helpful in osteophyte and cement removal

PRODUCT NO'S:	
5270-01	5270-03
Blade Width: 4 mm	Blade Width: 10 mm
Overall Length: 7.25" (18,4 cm)	Overall Length: 7.25" (18,4 cm)
Handle Length: 4" (10,2 cm)	Handle Length: 4" (10,2 cm)
5270-02	5270-04
Blade Width: 6 mm	Blade Width: 12 mm
Overall Length: 7.25" (18,4 cm)	Overall Length: 7.25" (18,4 cm)
Handle Length: 4" (10,2 cm)	Handle Length: 4" (10,2 cm)

Flexible Osteotome Instruments

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

- ▶ Sharp, flexible blades are well suited for loosening implants from cement or bony ingrowth fixation
- ▶ Various blade widths and profiles allow great flexibility to follow the implant contours
- ▶ Modular handle is made of high impact surgical stainless steel and has a quick-coupling positive locking mechanism for ease of use and quick blade changes
- ▶ Slap hammer threads into the handle and is designed to facilitate blade removal
- ▶ Optional Strike Plate can be attached to the Handle for direct striking with a mallet
- ▶ Optional Curved Chisel Blades can be used to help loosen the cement/prosthesis interval in total ankle revisions. The curved design is useful in working around pegs & fins to get posterior cement access. Also helpful with removal of other implants, i.e shoulder, knee, femoral, etc.

PRODUCT NO'S:

Individual Instruments Available Separately

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

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



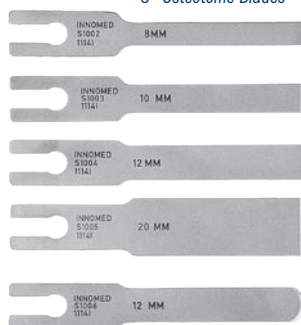
Handle with Quick-Coupling End

Choice of Handle Style



Handle with Locking Nut

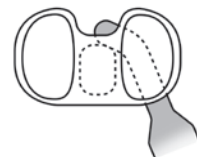
3" Osteotome Blades



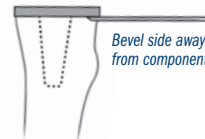
2.5" Chisel Blades



1.5" Curved Chisel Blades



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



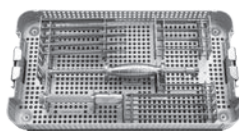
Bevel side away from component



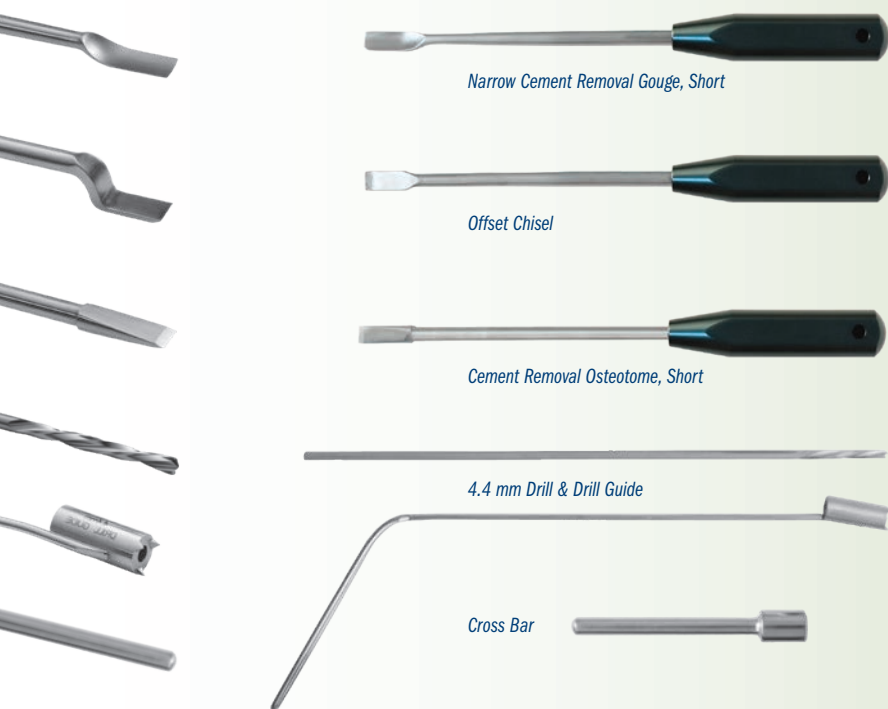
Slap Hammer



Strike Plate for Handle



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



Narrow Cement Removal Gouge, Short

Offset Chisel

Cement Removal Osteotome, Short

4.4 mm Drill & Drill Guide

Cross Bar

Mueller-Type Cement Removal Instruments

Useful for cement removal in the ankle

Also helpful in hip, knee, and shoulder surgery.

PRODUCT NO'S:

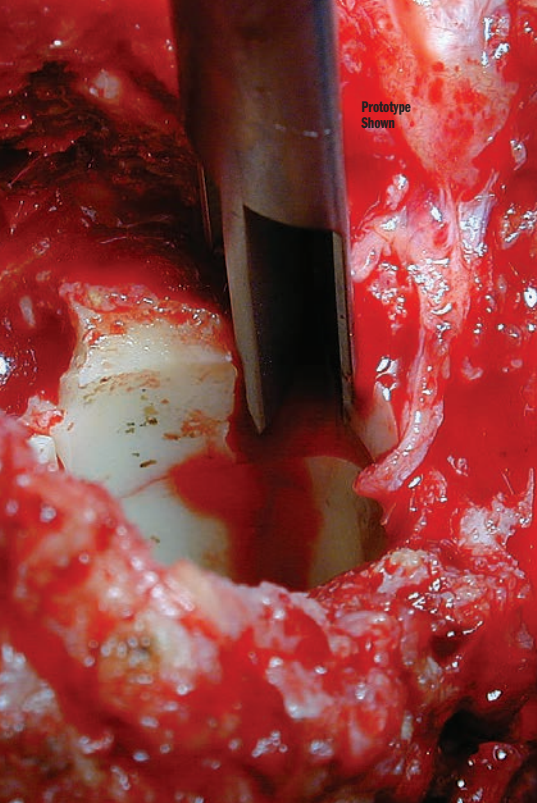
Individual Instruments Available Separately

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



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





Nicholson Small Bone and Shoulder Cement Removal Instruments

Designed by Gregory Nicholson, MD

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



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



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



K-Wire Bender/Cutter

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

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

1 and 1.2 mm
1.2 and 1.6 mm

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

PRODUCT NO:
2111
Overall Length: 6.5" (16.5 cm)



Smooth Bending
Clean Cutting

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

Bending

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

Cutting

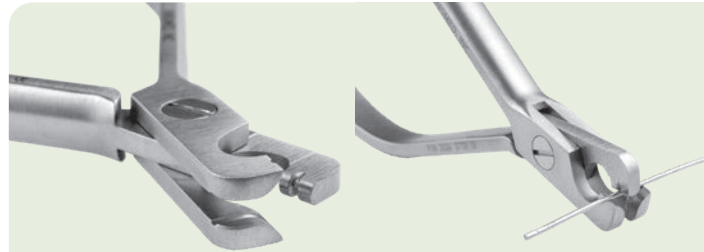
The K-Wire is inserted into the cutting groove and the bender/cutter cuts by shearing (like a cigar cutter), not crushing. The result is a clean and burr-free cut surface.



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

Wire Bender

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



Pin Puller - Small

Small size allows for use in a small incision to help with removal of a 2 mm or smaller k-wire pin



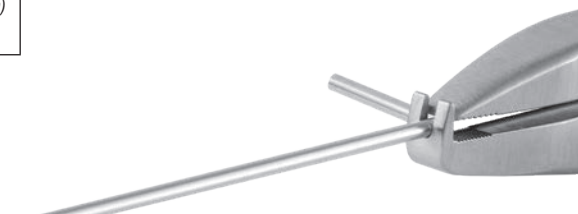
PRODUCT NO:
3033
Overall Length: 6.5" (16.5 cm)
Jaw Width: 6.2 mm tapering to 3 mm at end
Jaw Height: 11.7 mm



Stanton Bent Pin Removal Pliers

Designed by John Stanton, MD, FACS

PRODUCT NO:
1894
Overall Length: 6.5" (16.5 cm)
Jaw Length: 1.65" (4.2 cm)
Instrument Width: 1 cm



Sweed Dissecting Scissors

Designed by Tamer Sweed, FRCS (Orth)

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

PRODUCT NO:

3081

Overall Length: 6.625" (16,8 cm)

Bottom Pad: 16 mm x 6 mm

Pad Extension Beyond Scissor: 6 mm

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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)



PRODUCT NO'S:

7653-00 [Set w/Case]

Individual Parts:

7653-01 [1.5 mm]

Overall Length: 6" (15,2 cm)

Handle Width: 4" (10,2 cm)

7653-02 [2.5 mm]

Overall Length: 6" (15,2 cm)

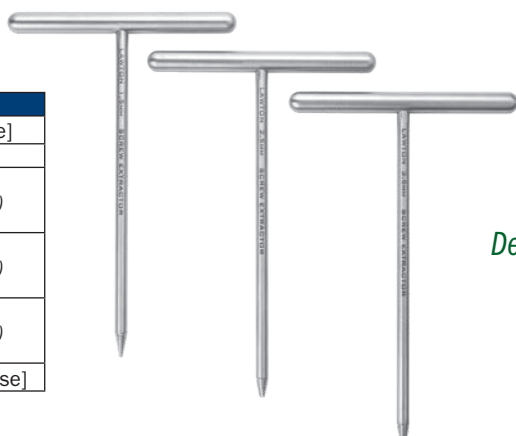
Handle Width: 4" (10,2 cm)

7653-03 [3.5 mm]

Overall Length: 6" (15,2 cm)

Handle Width: 4" (10,2 cm)

1025 [Sterilization Case]



Lawton Screw Extractors

Designed by Jeffrey Lawton, MD

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



Lawton Broken Screw Extractor

Designed by Jeffrey Lawton, MD

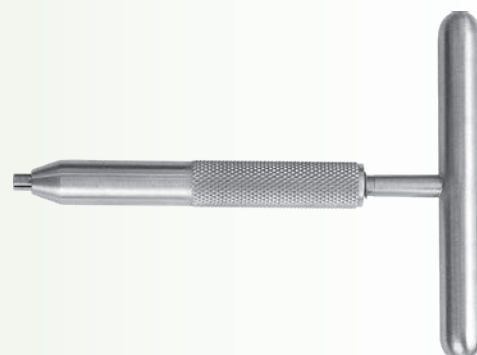
Designed to help remove broken or stripped screws (1 mm-2 mm)

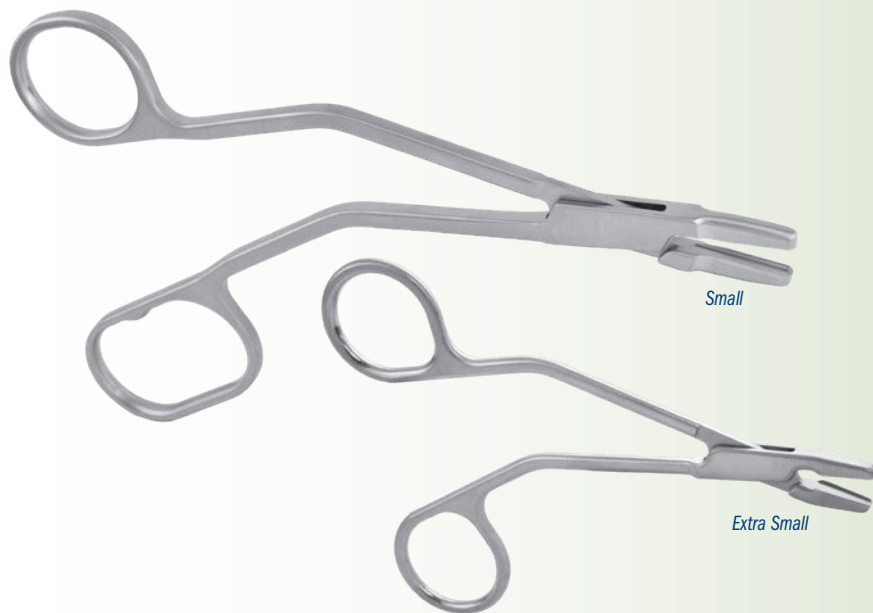
PRODUCT NO:

7653-04

Overall Length: 4" (10,2 cm)

Handle Width: 3" (7,6 cm)





Zezerski Small Bone Rongeurs

Designed by John Zezerski, MD

*Designed for small
bone applications in
the hand and foot*

PRODUCT NO'S:

1789 [Small]

Overall Length: 7.125" (18,1 cm)

Jaw Width: 4 mm

Jaw Bite Width: 3 mm

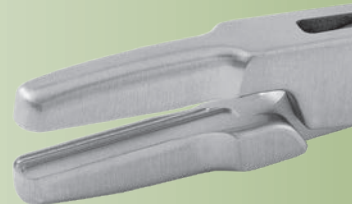
Jaw Bite Length: 20 mm

1789-01 [Extra Small]

Overall Length: 4.5" (11,4 cm)

Jaw Width: Tapers from 4,7 mm to 3 mm

Jaw Bite Length: 15 mm



PRODUCT NO'S:

Standard Tips

3050 5.5" (14 cm)

3060 6.5" (16,5 cm)

3070 7.0" (17,8 cm)

Tungsten Carbide Tips

3045 4.5" (11,4 cm)

3055 5.5" (14 cm)

3065 6.5" (16,5 cm)

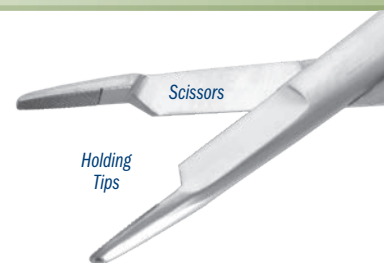
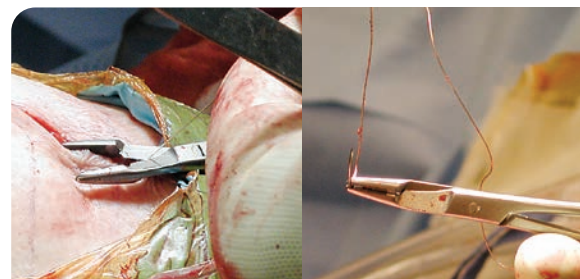
3075 7.0" (17,8 cm)

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*Longer sizes are
helpful in orthopedics*

Orthopedic Needle Holder/Scissors

*Drive a needle and cut a suture
without changing instruments*



Rogozinski Locking Needle Driver/Scissors

Designed by Chaim Rogozinski, MD

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

PRODUCT NO'S:

3083 [Standard]

Overall Length: 6.5" (16,5 cm)

3084 [Large]

Overall Length: 7.75" (19,7 cm)

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Mazzara Rongeur with Small Pistol Grip Handle

Designed by James T. Mazzara, MD

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

PRODUCT NO'S:

1765-04

Jaw Bite: 2 x 10 mm
Overall Length: 9" (22,9 cm)

1765-05

Jaw Bite: 4 x 10 mm
Overall Length: 9" (22,9 cm)



New!



2 x 10 mm



4 x 10 mm

Two Jaw Sizes Available

Bates Needle Holder with Suture Cutter

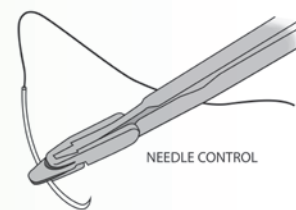
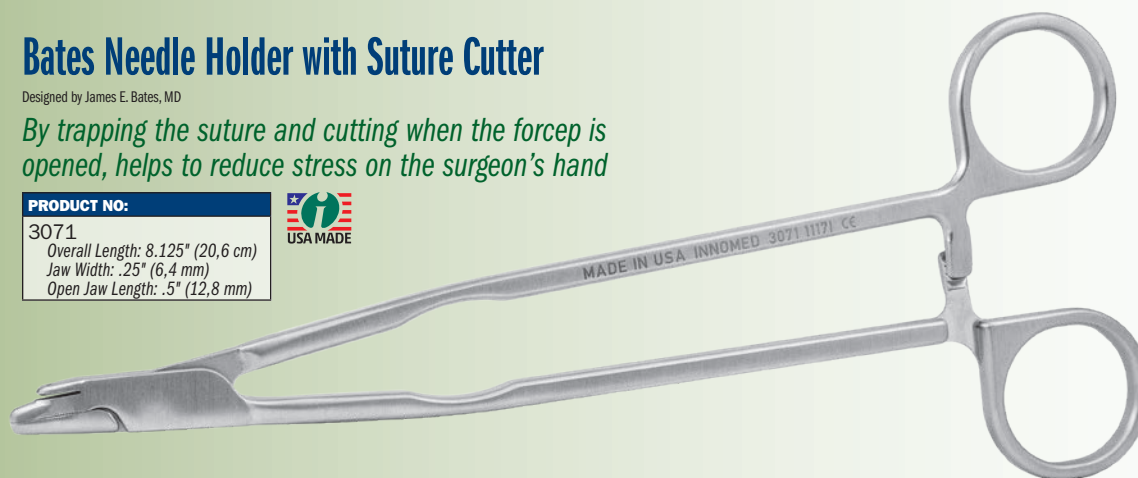
Designed by James E. Bates, MD

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

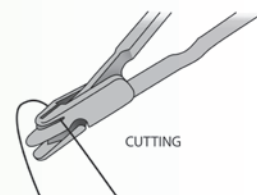
PRODUCT NO:

3071

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



NEEDLE CONTROL



CUTTING



Suture Cutter

Needle Holder

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



Stanton Needle Driver

Designed by John L. Stanton, MD, FACS

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

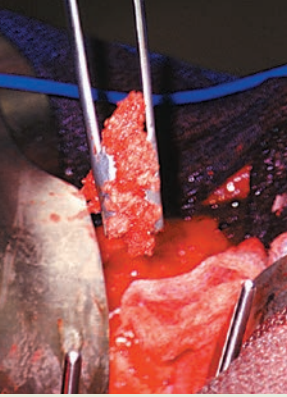
The groove captures the outer (convex) side of the needle and prevents the needle from spinning even when applying significant pressure. Useful for reattaching the rotator cuff in rotator cuff repairs, as well as in attaching suture anchors.

PRODUCT NO:

3042

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





Universal Bone Grafting/Impacting Forceps

Designed by J.A. Amis, MD

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.



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

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



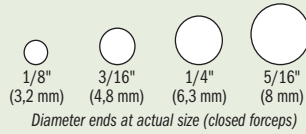
PRODUCT NO'S:

Short: 6" (15,2 cm) Length

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

Long: 10" (25,4 cm) Length

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



Diameter ends at actual size (closed forceps)

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Syringe not included.

Gray Syringe Assist with Ergonomic Handle

Designed by Robert Gray, MD

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

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

PRODUCT NO:

8988

Overall Length - Closed: 5.25" (13,3 cm)

Overall Length - Open: 7.5" (19,1 cm)

Height: 5" (12,7 cm)

Syringe Diameter: 21 mm

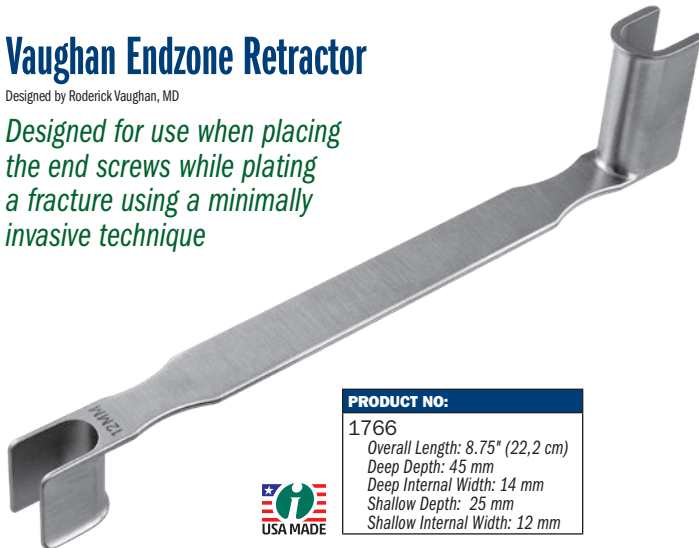


Patent Pending

Vaughan Endzone Retractor

Designed by Roderick Vaughan, MD

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



PRODUCT NO:

1766

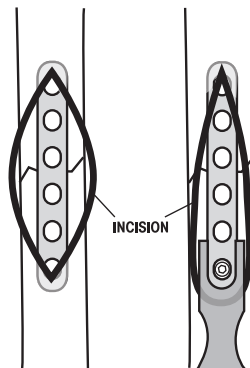
Overall Length: 8.75" (22,2 cm)

Deep Depth: 45 mm

Deep Internal Width: 14 mm

Shallow Depth: 25 mm

Shallow Internal Width: 12 mm



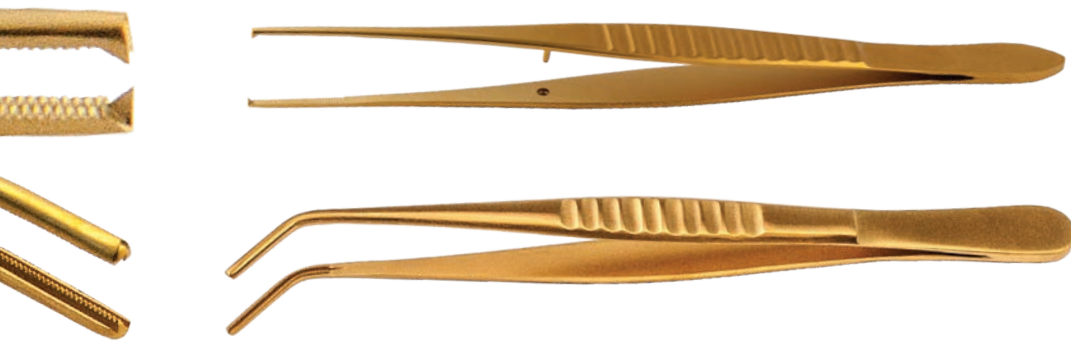
Before

After



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





Sarraf TiN Coated Cement Removal Forceps

Designed by Khaled M. Sarraf, MD

Ultra hard titanium nitride coating helps to extend forceps life by increasing surface hardness, prolonging sharpness, and resisting chemicals and corrosion, while helping to eliminate metal transfer and protect the implant surface.

PRODUCT NO'S:	
5039 [Straight]	Overall Length: 6" (15,2 cm)
5041 [Angled]	Overall Length: 6.125" (15,6 cm)

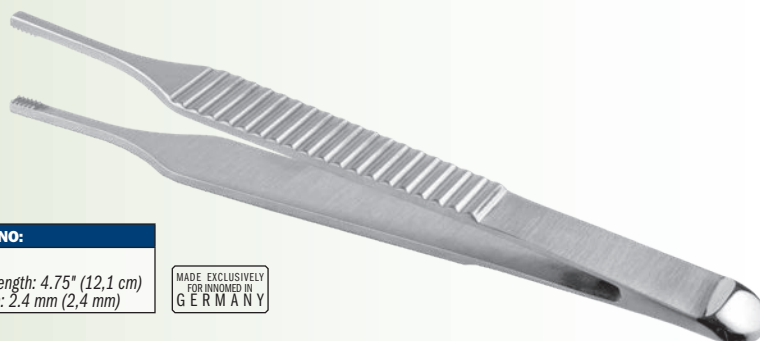


Adson Forceps with Cobb Elevator End

Designed by Oscar Castro-Aragon, MD

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

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



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

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



Sarraf Cement Trimmer

Designed by Khaled M. Sarraf, MD

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



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

Bozeman Cement Trimmer

Designed by Daniel M. Gannon, MD

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

Combines the two most common cement trimming tools into one



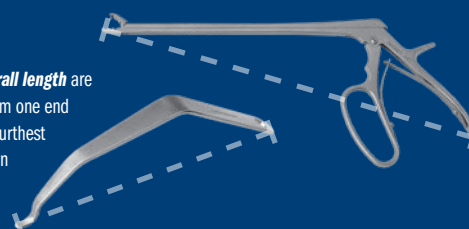
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PRODUCT NO:	
5245	Overall Length: 8.5" (21,6 cm)

Measurements in this Catalog

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

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



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





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Free trial offer excludes implant extraction instruments, which are available as rentals. There is a pad replacement charge with the hip positioners.

Mazzara Rongeur with Small Pistol Grip Handle

Designed by James T. Mazzara, MD

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

PRODUCT NO'S:

1765-04

Jaw Bite: 2 x 10 mm
Overall Length: 9" (22,9 cm)

1765-05

Jaw Bite: 4 x 10 mm
Overall Length: 9" (22,9 cm)



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2 x 10 mm



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