INNOMED®

ORTHOPEDIC INSTRUMENTS

Upper Extremity & Small Bone

August 2017

Featuring many New! instruments throughout

Shoulder Surgery Retractor System

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What's New In This Catalog?

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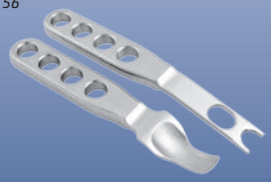

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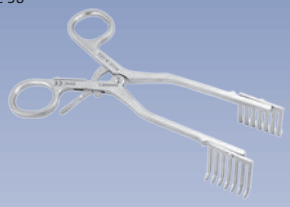

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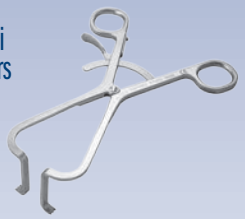

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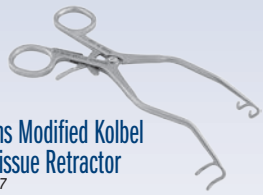

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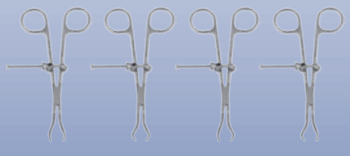

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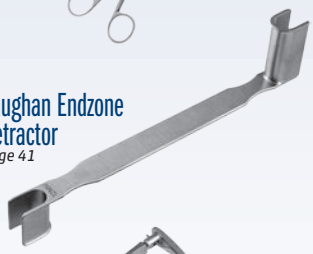

Wixted Fracture Distactor
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Shoulder Surgery Retractor System

New!

PRODUCT NO'S:
1251-00 [Complete System]
Included in Set/Available individually:
1252-N [Modifed Thin Glenoid Retractor–Narrow] *Two included in set; one with this product number* *Overall Length: 11.875" (30,2 cm)* *Blade Width: 15 mm*
1252-W [Modifed Thin Glenoid Retractor–Wide] *Two included in set; one with this product number* *Overall Length: 11.875" (30,2 cm)* *Blade Width: 23 mm*
1253 [Right Angle Hohmann Retractor] *Overall Length: 8.125" (20,6 cm)* *Depth from Bend: 4.25" (10,8 cm)* *Blade Width: 16 mm*
1254 [Modifed Fukuda Retractor] *Overall Length: 8.625" (21,9 cm)* *Depth: 2.75" (7 cm)* *Blade Width: 39 mm*
1255-L [Brown Deltoid/Richardson Retractor–Large] *Overall Length: 10.5" (26,7 cm)* *Depth: 2.5" (6,4 cm)* *Blade Width: 60 mm*
1255-S [Brown Deltoid/Richardson Retractor–Small] *Overall Length: 10.5" (26,7 cm)* *Depth: 2.5" (6,4 cm)* *Blade Width: 44 mm*
1256 [Modifed Darrach Retractor, Staight–Narrow] *Overall Length: 10.25" (26 cm)* *Blade Width: 12,7 mm*
1257 [Modifed Darrach Retractor, Staight–Wide] *Overall Length: 10.25" (26 cm)* *Blade Width: 19 mm*
1258 [Modifed Darrach Retractor, Bent–Narrow] *Overall Length: 10.75" (27,3 cm)* *Blade Width: 12,7 mm*
1259 [Modifed Darrach Retractor, Bent–Wide] *Overall Length: 10.75" (27,3 cm)* *Blade Width: 19 mm*
1260 [Soft Tissue Shoulder Retractor] *Overall Length: 10" (25,4 cm)* *Depth from Bend: 3" (7,6 cm)* *Blade Width: 19 mm*

System includes two of each size of the Modified Thin Glenoid Retractors, and one of each of the other retractors.

USA MADE

Developed in collaboration with Mayo Clinic.

Modifed Thin Glenoid Retractor–Narrow & Wide

Right Angle Hohmann Retractor

Modifed Fukuda Retractor

Brown Deltoid/Richardson Retractor–Large & Small

Modifed Darrach Retractor, Staight–Narrow & Wide

Modifed Darrach Retractor, Bent–Narrow & Wide

Soft Tissue Shoulder Retractor

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.

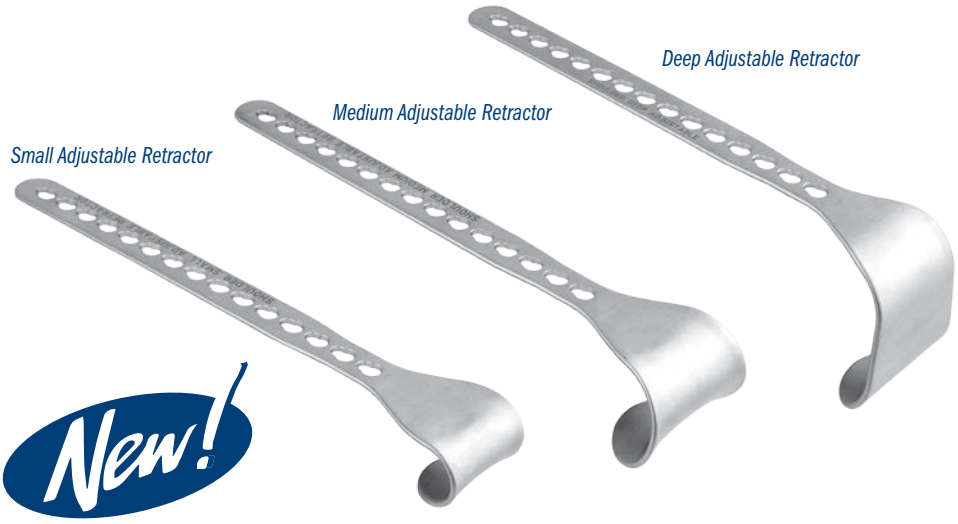
PRODUCT NO:
5168 *Overall Length: 7.25" (18,4 cm)* *Blade Width: 1.25" (32,5 cm)* *Blade End Gap: .675" (17,1 cm)*

USA MADE

Bell-Hawkins Shoulder Frame and Blade Set

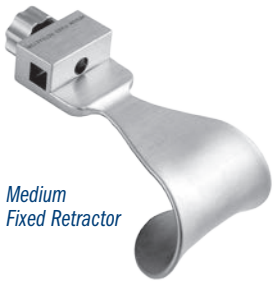
Designed by Robert H. Bell, MD and Richard Hawkins, MD

Retractor and Frame System for Total Shoulder Arthroplasty

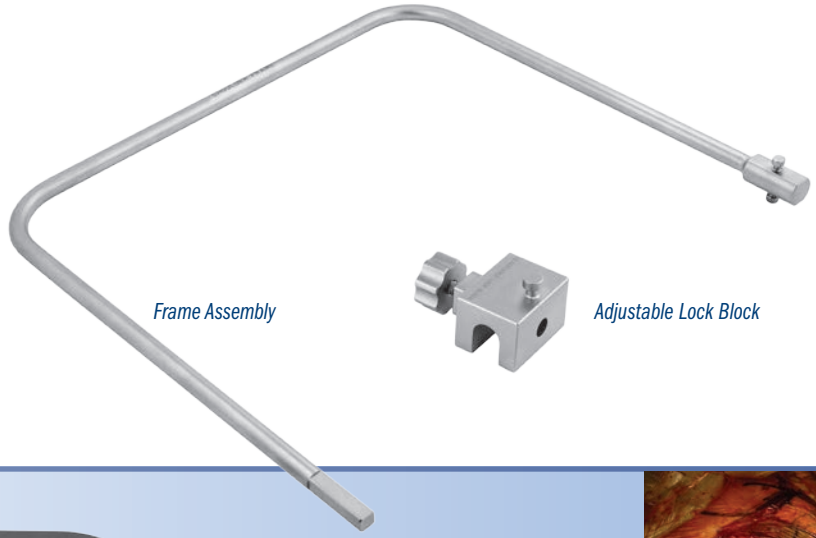


New!


Small Fixed Retractor


Medium Fixed Retractor


Deep Fixed Retractor


Frame Assembly

Adjustable Lock Block

PRODUCT NO'S:
4696-00 [Bell-Hawkins – Complete Set]
Included in Set/Available individually:
4696-01 [Small Adjustable Retractor] *Overall Length: 7.375" (18,7 cm)* *Handle Length: 6" (15,2 cm)* *Blade Width: 1.25" (32 mm)* *Blade Depth: .8" (20 mm)*
4696-02 [Medium Adjustable Retractor] *Overall Length: 7.375" (18,7 cm)* *Handle Length: 6" (15,2 cm)* *Blade Width: 1.7" (43 mm)* *Blade Depth: 1.25" (32 mm)*
4696-03 [Deep Adjustable Retractor] *Overall Length: 7.375" (18,7 cm)* *Handle Length: 6" (15,2 cm)* *Blade Width: 1.6" (41 mm)* *Blade Depth: 2" (51 mm)*
4696-04 [Small Fixed Retractor] *Overall Length: 3" (7,6 cm)* *Handle Length: 1.5" (3,8 cm)* *Blade Width: 1.25" (32 mm)* *Blade Depth: .8" (20 mm)*
4696-05 [Medium Fixed Retractor] *Overall Length: 3" (7,6 cm)* *Handle Length: 1.5" (3,8 cm)* *Blade Width: 1.7" (43 mm)* *Blade Depth: 1.25" (32 mm)*
4696-06 [Deep Fixed Retractor] *Overall Length: 3" (7,6 cm)* *Handle Length: 1.5" (3,8 cm)* *Blade Width: 1.25" (32 mm)* *Blade Depth: 2.375" (60 mm)*
4696-07 [Adjustable Lock Block] *Dimensions: 1.375" x 1" x .85" (35 mm x 25 mm x 20 mm)*
4696-Frame [Frame Assembly] *Dimensions: 10" x 9" (25,4 cm x 22,9 cm)*

USA MADE

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.

USA MADE

PRODUCT NO:
8029 *Overall Length: 7.125" (18,1 cm)* *Width: 12 mm* *Thickness: 4 mm*

Bacastow Axillary Nerve Retractor with Suction

Designed by David Bacastow, MD

Helps to retract and protect the axillary nerve during shoulder surgery, while also providing suction to the surgical site

PRODUCT NO:
8739 *Overall Length: 11" (27,9 cm)* *Width: .5" (12,7 mm)* *Tongue Length: 1.2" (30 mm)*

USA MADE

New!

McFarland Mallable Shoulder Retractors

Designed by Edward McFarland, MD

Designed to enhance exposure in shoulder procedures

PRODUCT NO'S:
4537-00 [Set of Three Sizes]
Also available individually:
4537-01 [Narrow Deep] *Overall Length: 15.5" (39,4 cm)* *Prong Depth: 10 mm*
4537-02 [Narrow Shallow] *Overall Length: 15.5" (39,4 cm)* *Prong Depth: 6.8 mm*
4537-03 [Wide] *Overall Length: 15.5" (39,4 cm)* *Prong Depth: 13.5 mm*

USA MADE

New!

New!

McFarland Bent Cobb Elevator

Designed by Edward McFarland, MD

Designed for retraction while helping to protect the axillary nerve in shoulder surgery

Ultra hard titanium nitride coating helps to helps to prolong sharpness.

PRODUCT NO:
3431 *Overall Length: 9.5" (24,1 cm)* *Length from Bend: 3.5" (8,9 cm)* *Cobb End Width: .8" (20 mm)* *Angle of Bend: 30°*

USA MADE

Evans Modified Fukuda-type Retractors

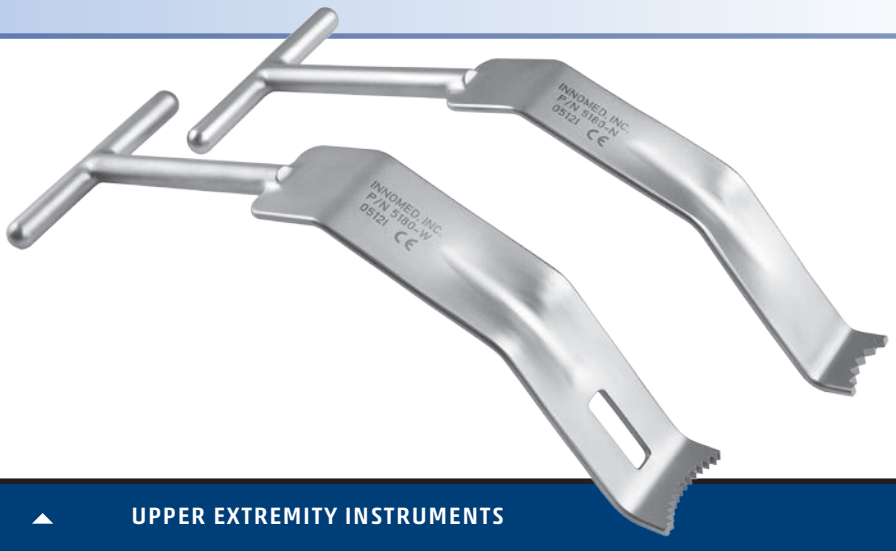
Designed by Peter J. Evans, MD

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)*

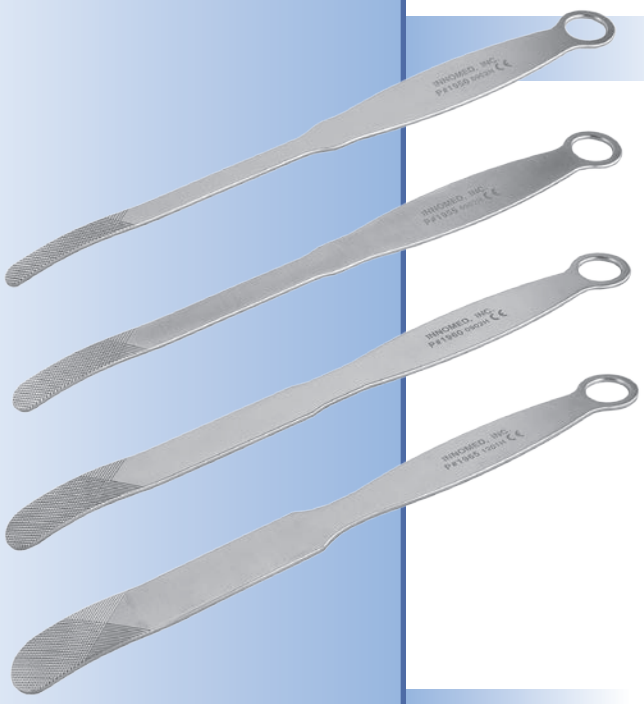
USA MADE



Shoulder Instruments

Designed by Evan Flatow, MD
& Louis Bigliani, MD

PRODUCT NO:
1900 Complete Set

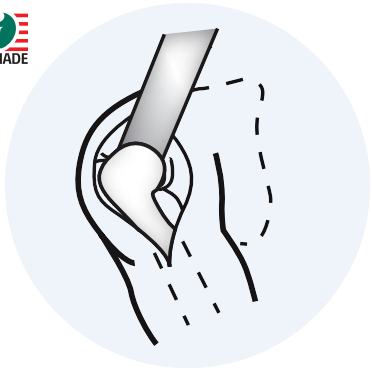


Modified Darrach-type Elevators

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)*

USA MADE

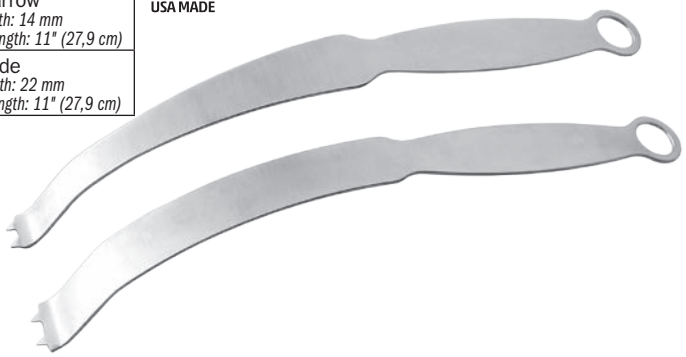


Thin Glenoid Retractors

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)*

USA MADE

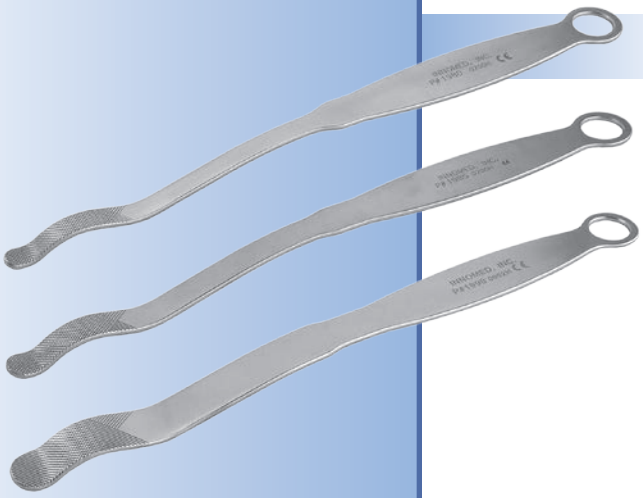


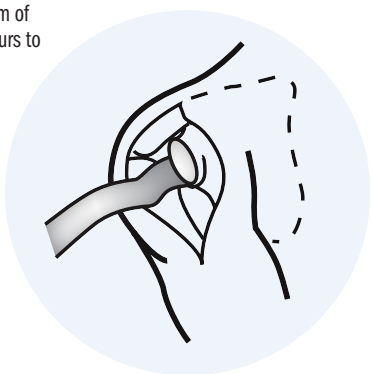
Posterior Glenoid Elevators

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)*

USA MADE





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)*

USA MADE

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)*

USA MADE

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)*

USA MADE

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*

USA MADE

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 labrium.

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*

USA MADE

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)*

USA MADE

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 INNOMED 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*

USA MADE

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)*

USA MADE

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)*

USA MADE

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)*

USA MADE

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.

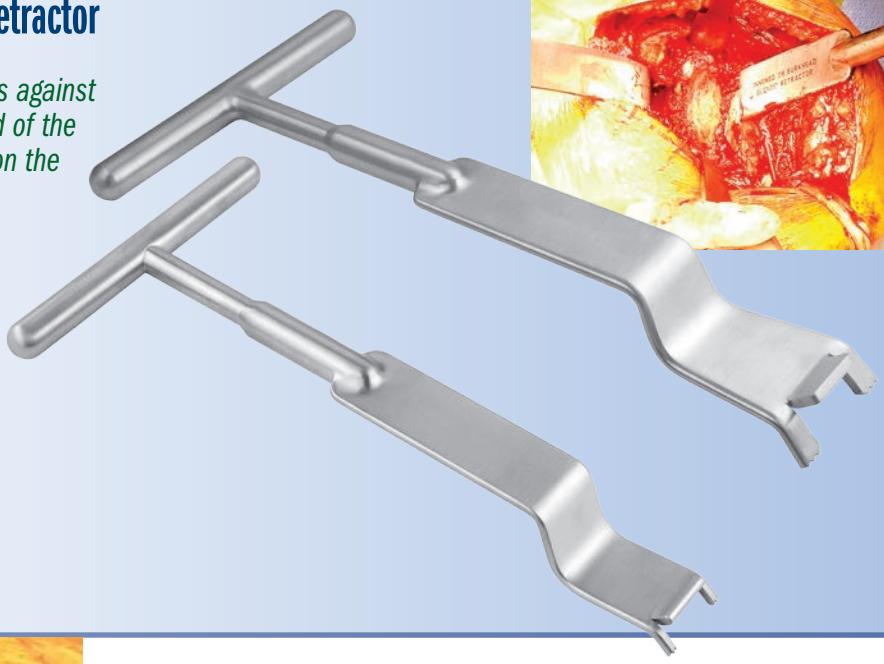
PRODUCT NO:
S3008 *Overall Length: 9" (22,9 cm)* *Blade Width: 18 mm*

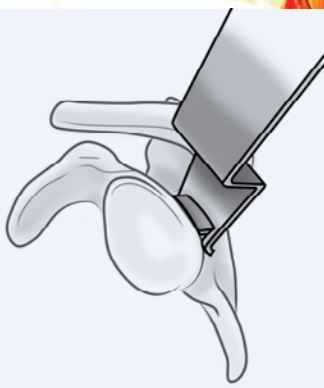
USA MADE

Burkhead Glenoid Retractor

Designed by Wayne Burkhead, MD

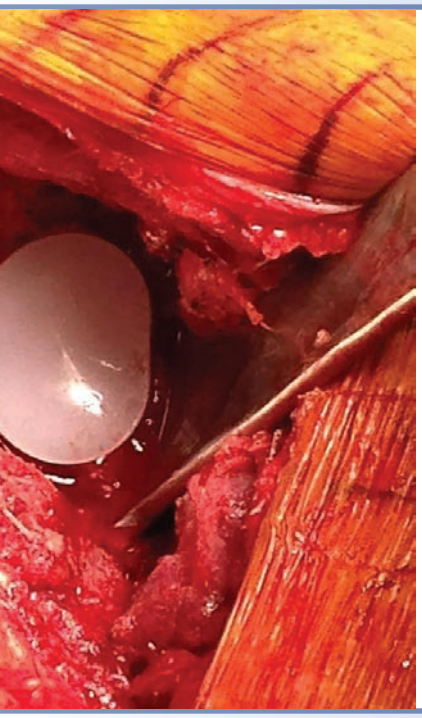
The retractor bar presses against the glenoid while the end of the retractor puts pressure on the posterior capsule





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)*

USA MADE



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)*

USA MADE

Humeral Head Depressor

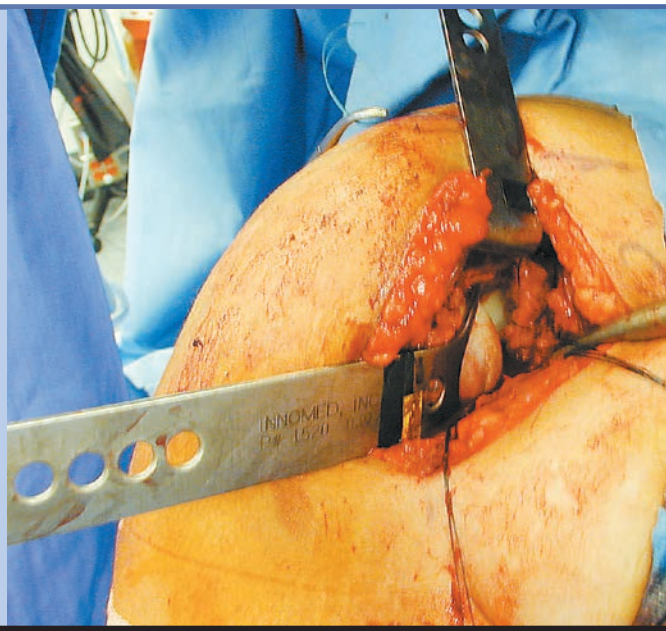
Designed by William J. Mallon, MD

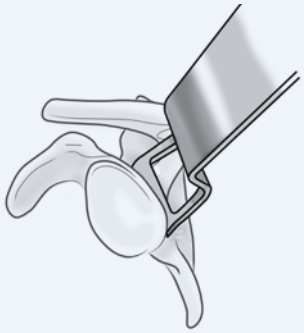
Used to help expose the glenoid fossa

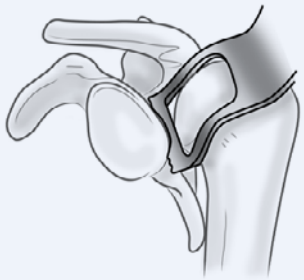
Placed over the humeral head and hooked around the posterior lip of the glenoid rim, to expose the glenoid fossa for total shoulder reconstruction and reconstructive stabilization procedures done through a standard delto-pectoral approach.

PRODUCT NO:
1520 *Overall Length: 8" (20,3 cm)*

USA MADE







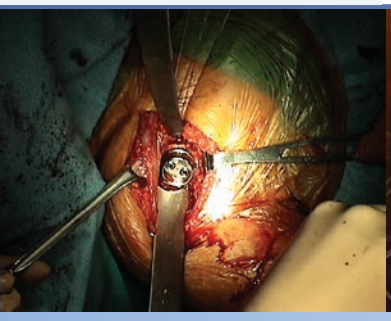
Burkhead Reversible TSA/RSA Retractor

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)*

USA MADE



Bacastow Glenoid Retractors

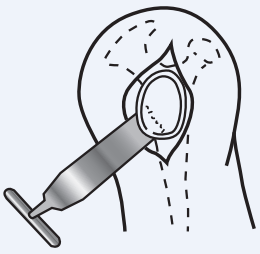
Designed by David Bacastow, MD

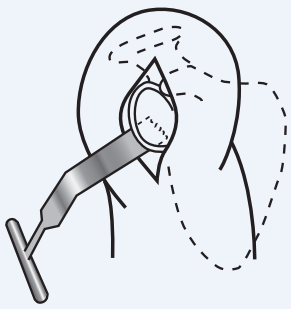
Designed for glenoid exposure, particularly for reverse shoulder replacement applications, where it is important to get inferiorly

Allows visualization and direct access to the glenesphere 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)*

USA MADE





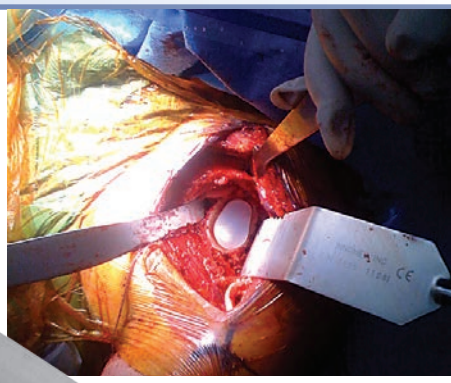
Agrawal Talon Retractor

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*

USA MADE



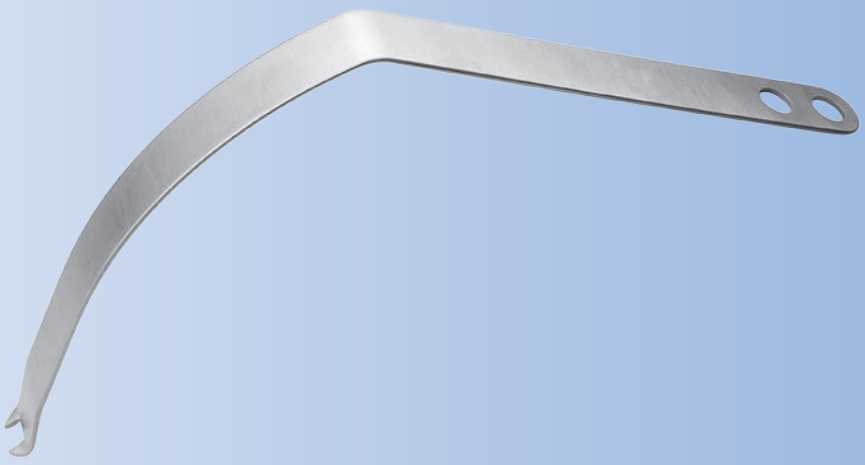
Levy Anterior Glenoid Retractor

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)*

USA MADE



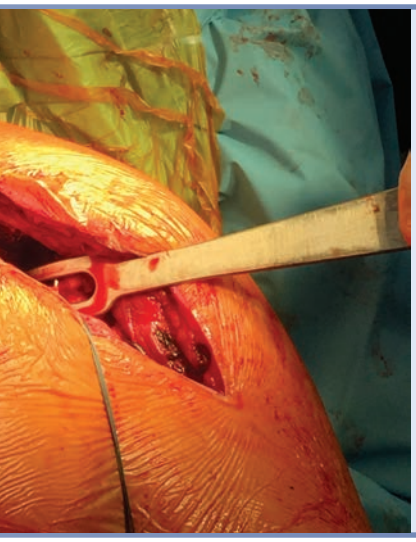
Gunther Glenoid Retractor

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 Oustide Width: 1" (25,4 mm)* *Prong Inside Width: .625" (15,9 mm)*

USA MADE

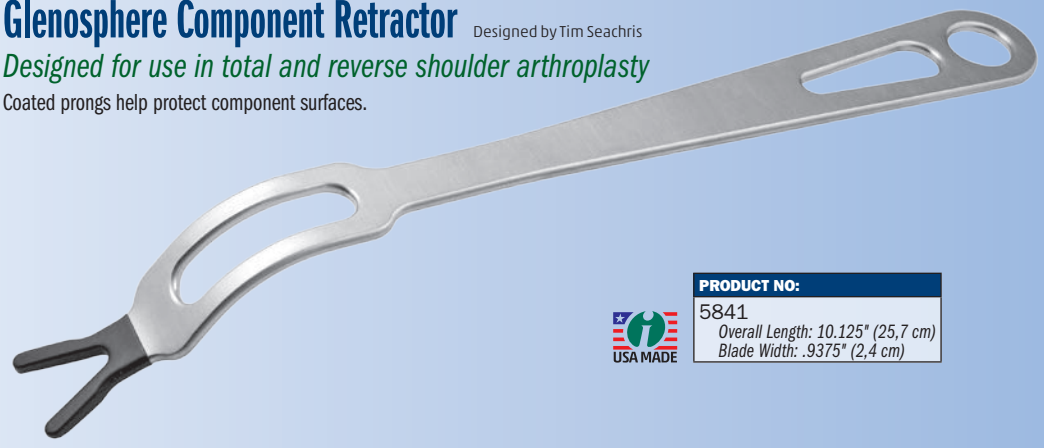


Glenosphere Component Retractor

Designed by Tim Seachris

Designed for use in total and reverse shoulder arthroplasty

Coated prongs help protect component surfaces.



USA MADE

PRODUCT NO:
5841 *Overall Length: 10.125" (25,7 cm)* *Blade Width: .9375" (2,4 cm)*

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*

USA MADE

Levy Wide Deltoid Retractor

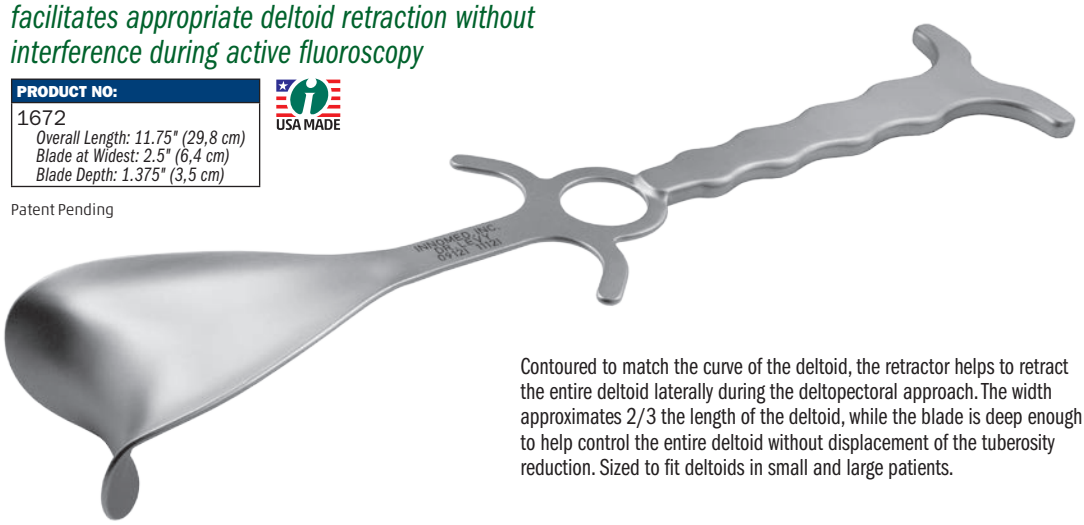
Designed by Jonathan Levy, MD

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)*

USA MADE

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.

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

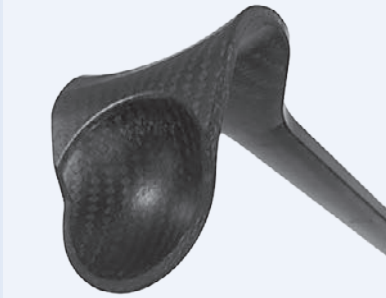
Designed by Sean B. Kaminsky, MD

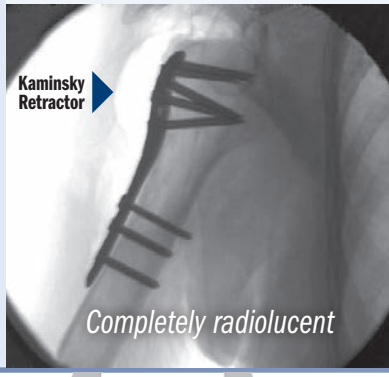
Contours the humeral head with deltoid retraction allowing extensive exposure. Helps to reduce operative time, assist in fracture reduction, and maintain hardware position without the frequent need for retractor removal and reintroduction. Also helps to prevent from scratching component surfaces.

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)*

MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

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





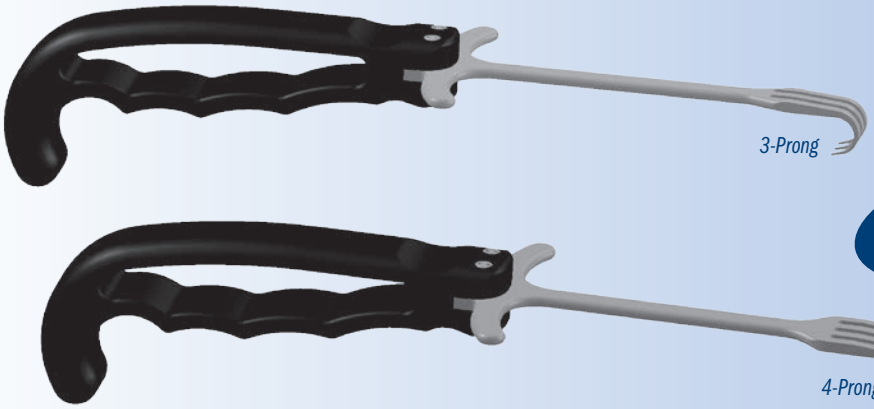
Browne Deltoid Retractor

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)*

MADE FOR INNOMED IN GERMANY



New!

Rake Retractors with Ergonomic Handle

Designed for general use soft tissue retraction

PRODUCT NO'S:
4839 [3-Prong] *Overall Length: 9.5" (24,1 cm)* *Rake Width: 13 mm* *Rake Depth: 14 mm*
4840 [4-Prong] *Overall Length: 9.5" (24,1 cm)* *Rake Width: 19 mm* *Rake Depth: 14 mm*

USA MADE

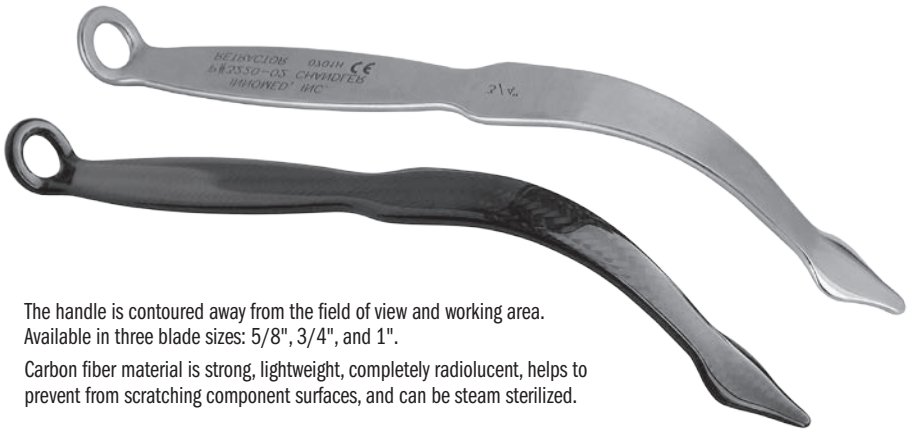
Chandler Retractor

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*

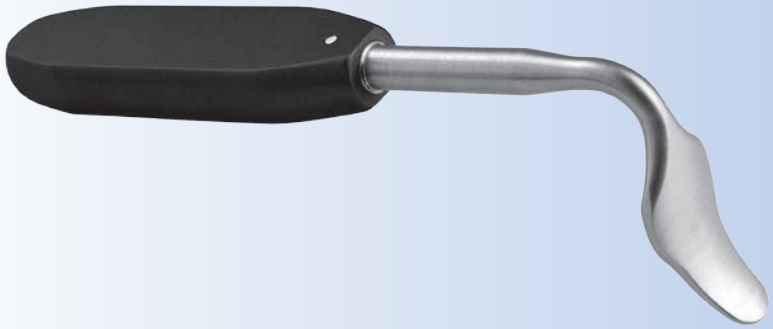
USA MADE

* MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND



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.



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)*

USA MADE

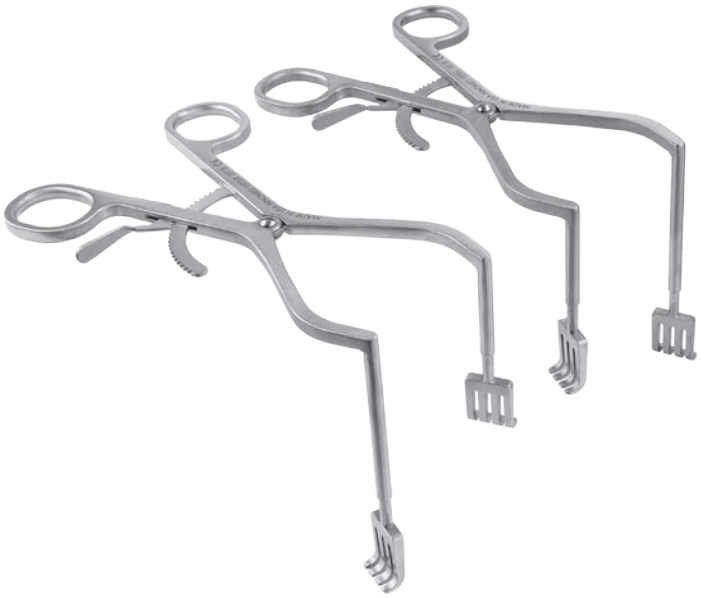
Radiolucent Richardson-type Soft Tissue Retractor

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

PRODUCT NO'S:	
3231-23R [23 mm] *Overall Length: 13" (33 cm)* *Large Blade: 23 mm x 36 mm*	3231-37R [37 mm] *Overall Length: 13" (33 cm)* *Large Blade: 37 mm x 52 mm*
3231-30R [30 mm] *Overall Length: 13" (33 cm)* *Large Blade: 30 mm x 42 mm*	3231-44R [44 mm] *Overall Length: 13" (33 cm)* *Large Blade: 44 mm x 78 mm*

USA MADE

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



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 ouside
- 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)*

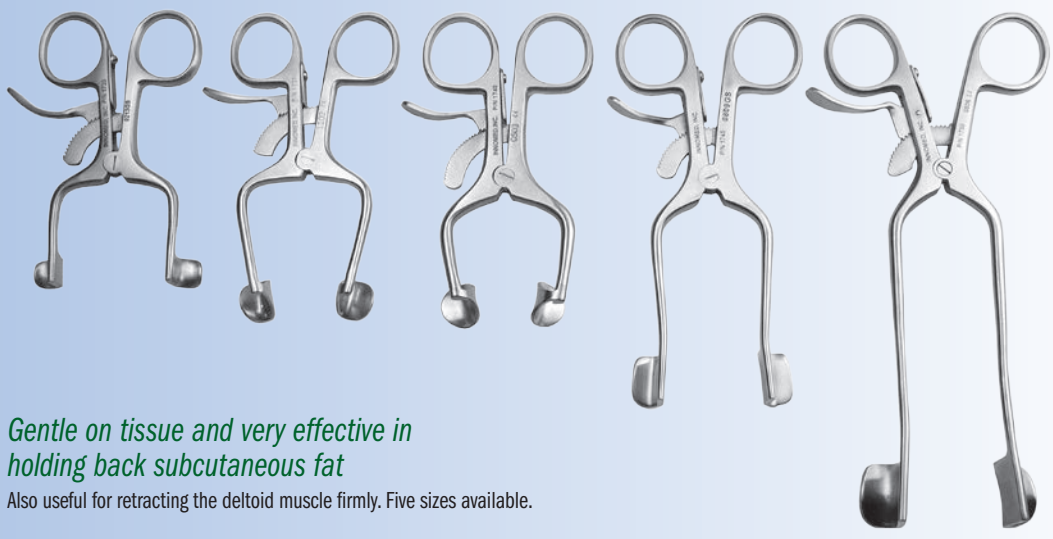
USA MADE

Hendren Self-Retaining Retractors

Designed by D.H. Hendren, MD

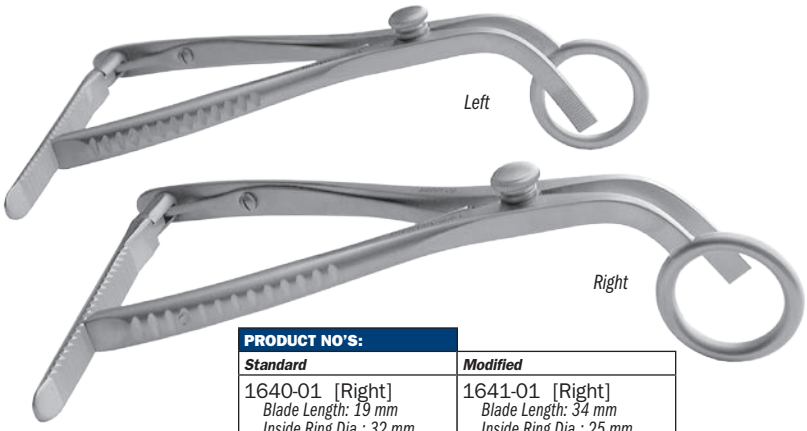
PRODUCT NO'S:
1730 *Overall Length: 3.5" (8,9 cm)* *Blade Size: 10 mm x 12 mm*
1735 *Overall Length: 4.5" (11,4 cm)* *Blade Size: 14 mm x 13 mm*
1740 *Overall Length: 4.5" (11,4 cm)* *Blade Size: 16 mm x 13 mm*
1745 *Overall Length: 5.5" (14 cm)* *Blade Size: 18 mm x 13 mm*
1750 *Overall Length: 6.5" (16,5 cm)* *Blade Size: 22 mm x 14 mm*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Gentle on tissue and very effective in holding back subcutaneous fat

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



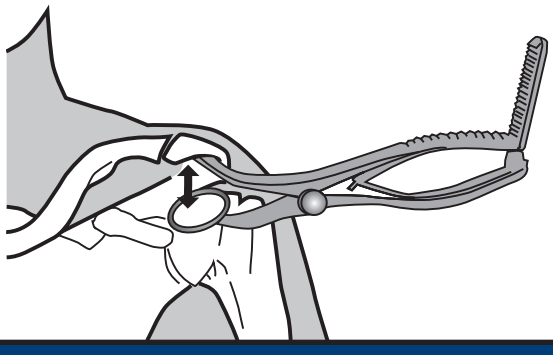
PRODUCT NO'S:	
Standard	***Modified***
1640-01 [Right] *Blade Length: 19 mm* *Inside Ring Dia.: 32 mm* *Overall Length: 7" (17,8 cm)*	1641-01 [Right] *Blade Length: 34 mm* *Inside Ring Dia.: 25 mm* *Overall Length: 7" (17,8 cm)*
1640-02 [Left] *Blade Length: 19 mm* *Inside Ring Dia.: 32 mm* *Overall Length: 7" (17,8 cm)*	1641-02 [Left] *Blade Length: 34 mm* *Inside Ring Dia.: 25 mm* *Overall Length: 7" (17,8 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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.



Kolbel Self-Retaining Glenoid Retractors

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]

USA MADE

* MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

Modified Kolbel Self-Retaining Glenoid Retractor with Hinge

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

PRODUCT NO'S:
T1014-01 [Set – Standard Handle]
T1014-01-2F [Set – Ergonomic Handle]
Set Includes:
T1015-01 [Retractor – Standard Handle] *Overall Length: 8.25" (21 cm)* *Length-to-hinge: 6" (15,2 cm)* *Arm Length: 2.25 (5,7 cm)* ***– OR –*** T1015-01-2F [Retractor – Ergonomic Handle] *Overall Length: 9.25" (23,5 cm)* *Length-to-hinge: 7" (17,8 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*

Standard Handle

Ergonomic Handle
For added control and comfort

New!

Kolbel Self-Retaining Glenoid Retractor

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

PRODUCT NO'S:
T1014 [Set – Standard Handle]
T1014-2F [Set – Ergonomic Handle]
Set Includes:
T1015 [Retractor – Standard Handle] *Overall Length: 8.25" (21 cm)* ***– OR –*** T1015-2F [Retractor – Ergonomic Handle] *Overall Length: 9.25" (23,5 cm)*
T1018-P [Blades–Pair] *36 mm X 36 mm*
T1019-P [Blades–Pair] *36 mm X 53 mm*

Standard Handle

Ergonomic Handle
For added control and comfort

New!

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 – Standard Handle]
T1050-2F [Set – Ergonomic Handle]
Set Includes:
T1050-01 [Retractor – Standard Handle] *Overall Length: 8" (20,3 cm)* ***– OR –*** T1050-01-2F [Retractor – Ergonomic Handle] *Overall Length: 9" (22,9 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*

Standard Handle

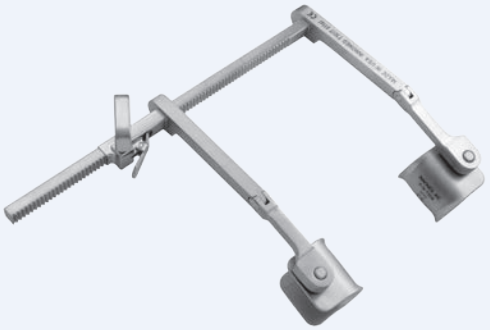
Ergonomic Handle
For added control and comfort

New!

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*



Havens Modified Kolbel Soft Tissue Retractor

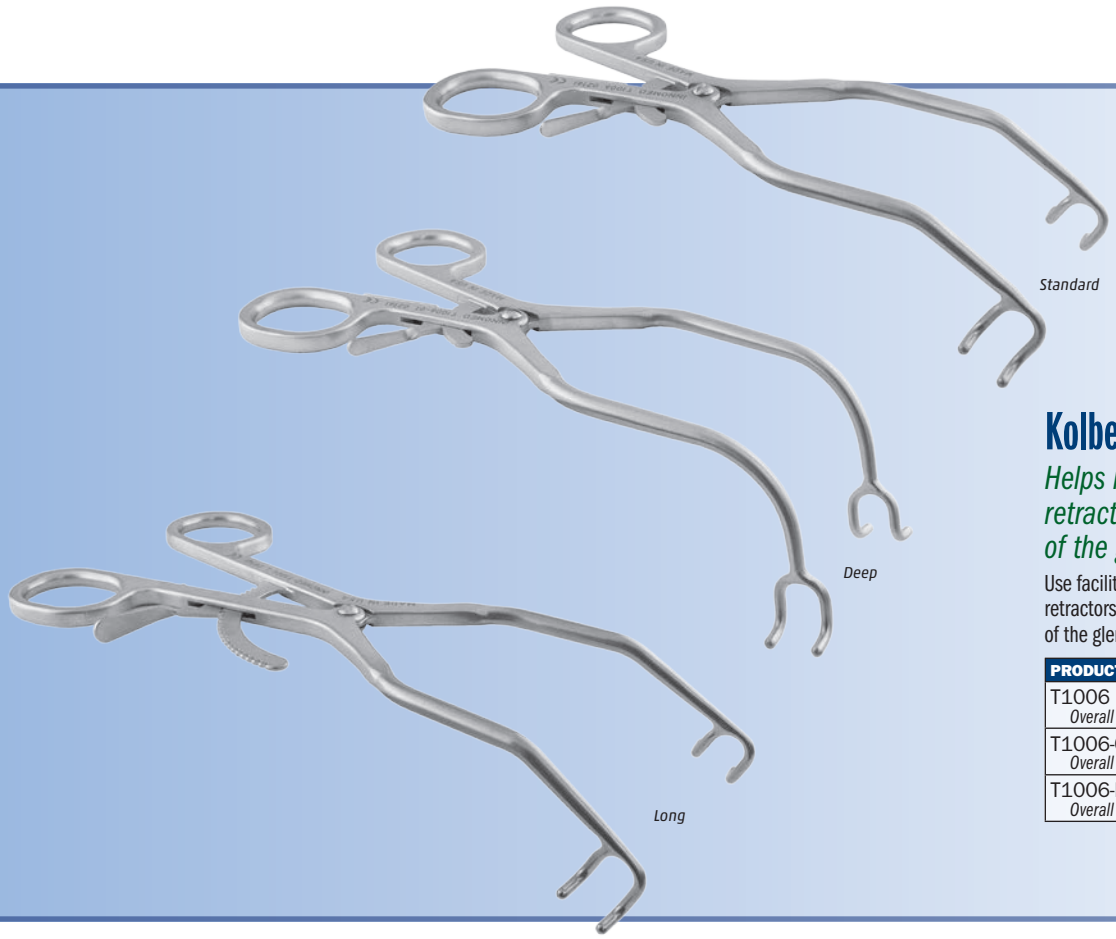
Designed by Philip Havens, MD

Designed for retraction on deltoid split incisions on mini-open rotator cuff repairs

Jaws and arms are parallel with no gap when closed to allow easier insertion in tight spaces.

PRODUCT NO:
T1006-02 *Overall Length: 7.5" (19,1 cm)* *Opens To: 4.5" (11,4 cm)* *Prong Depth: 18 mm*

USA MADE



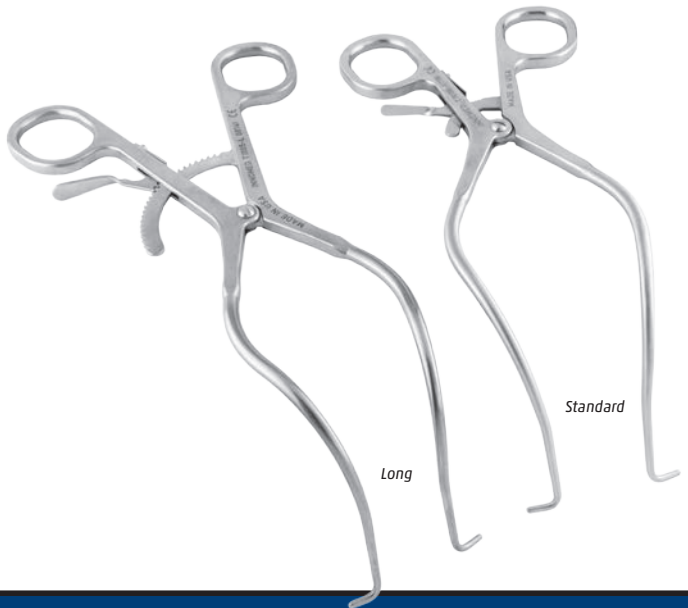
Kolbel Soft Tissue Retractors

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: 8" (20,3 cm)*
T1006-01 [Deep] *Overall Length: 7.5" (19,1 cm)*
T1006-L [Long] *Overall Length: 8.5" (21,6 cm)*

USA MADE



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'S:
T1005 [Standard] *Overall Length: 8.375" (21,3 cm)*
T1005-L [Long] *Overall Length: 9.25" (23,5 cm)*

USA MADE

Coated Inserter for Reverse Shoulder Glenosphere Components

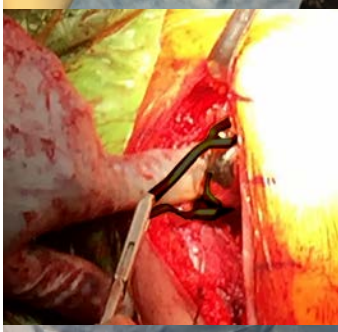
Designed by Michael Radon, Ilya Voloshin, MD, and Nathan Mineo

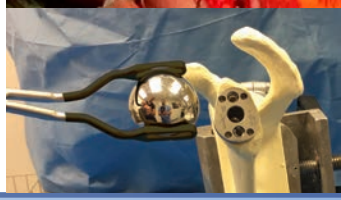
Designed to aid in the insertion of glenospheres in limited exposure patients, allowing for insertion from the side, and coated to help protect marring component surfaces

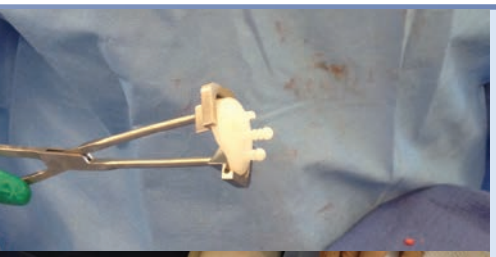
PRODUCT NO:
5071 *Overall Length: 9.5" (24,1 cm)* *Inserter Arm Angle: 30°*

USA MADE

New!







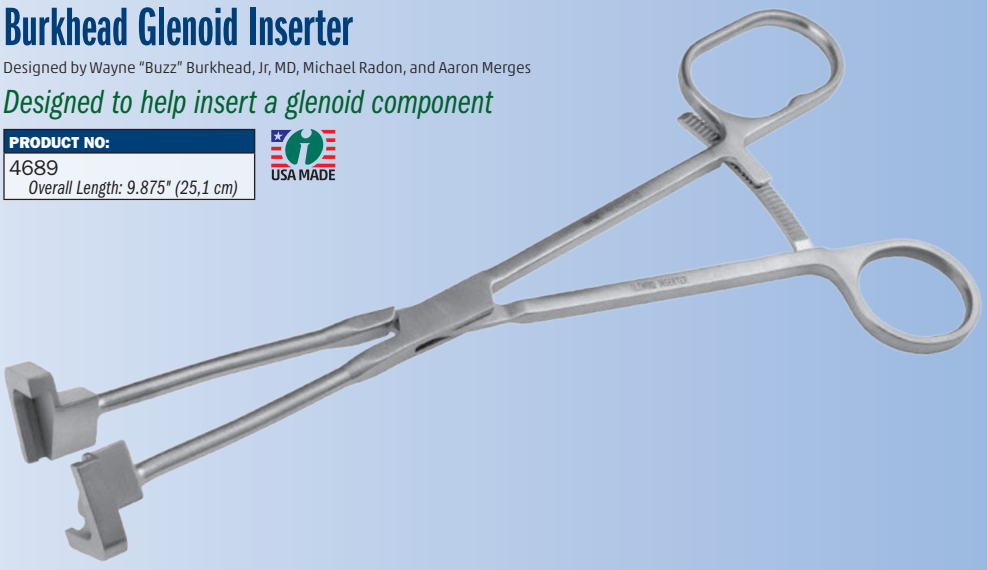
Burkhead Glenoid Inserter

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)*

USA MADE



Glenoid Inserter

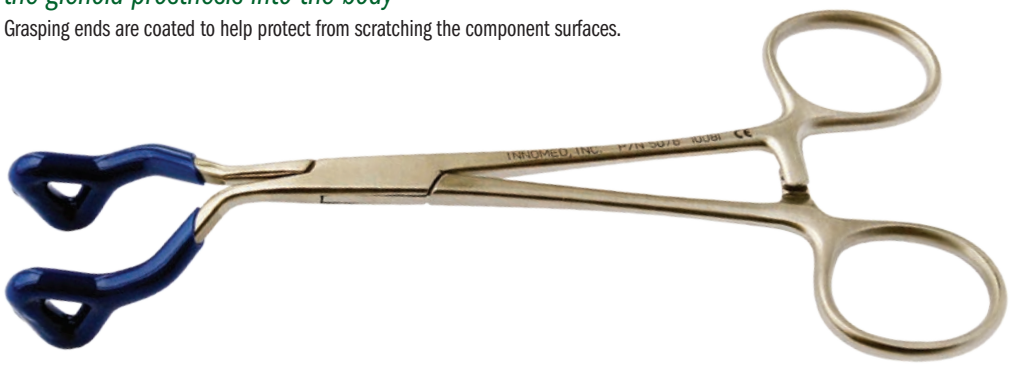
Designed by Chase Kuhn & J. Kevin Rudder, MD

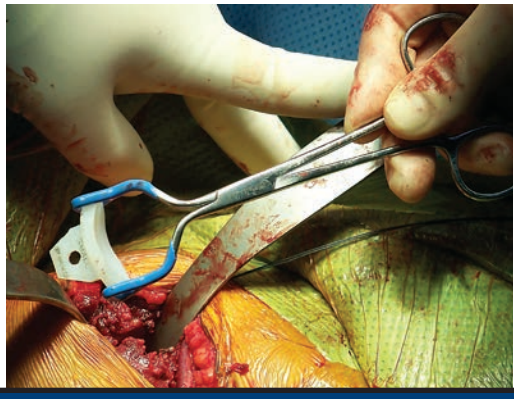
Designed for final implantation of the glenoid prosthesis into the body

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

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

USA MADE



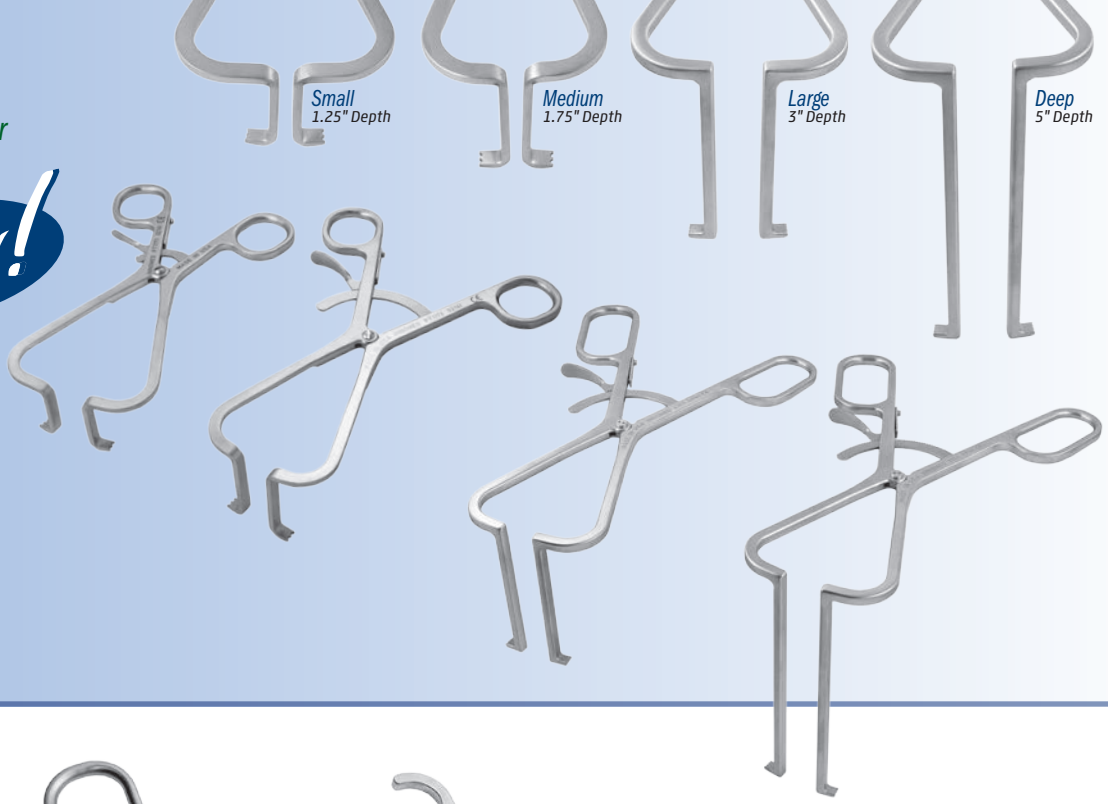


Flat Gelpi Retractors

Designed to help retract a broader area of soft tissue or muscle

The two largest sizes feature an ergonomic handle for increased comfort and control.

New!



PRODUCT NO'S:
4191 [Small] *Overall Length: 6.5" (16,5 cm)* *Prong Depth: 1.25" (3,2 cm)*
4192 [Medium] *Overall Length: 7.25" (18,4 cm)* *Prong Depth: 1.75" (4,4 cm)*
4193 [Large] *Overall Length: 9" (22,9 cm)* *Prong Depth: 3" (7,6 cm)*
4194 [Deep] *Overall Length: 10" (24,4 cm)* *Prong Depth: 5" (12,7 cm)*

USA MADE

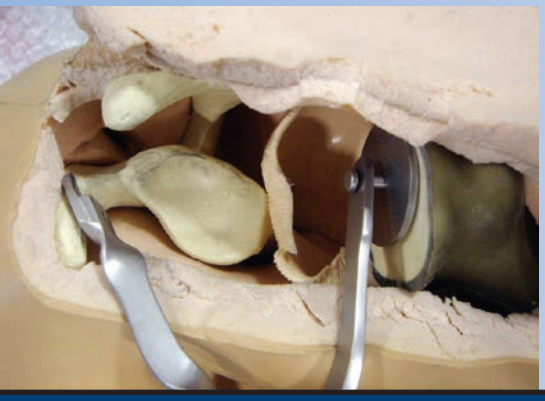
Gelpi Retractors

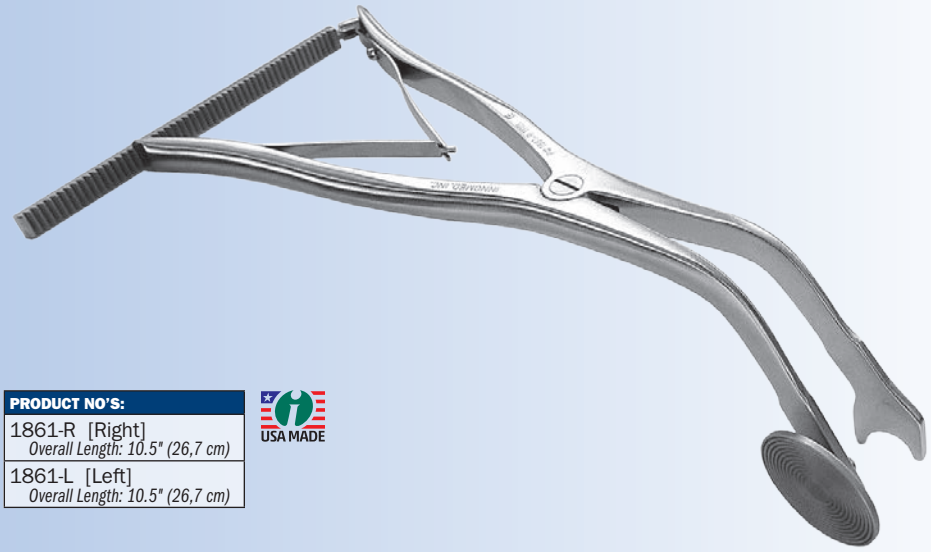
PRODUCT NO'S:
4180 [Standard] *Overall Length: 7.5" (19,1 cm)*
4181 [With Ergonomic Handle] *Overall Length: 7.5" (19,1 cm)*
4182 [With Finger Hook] *Overall Length: 7.5" (19,1 cm)*

USA MADE

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)*

USA MADE

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]

USA MADE

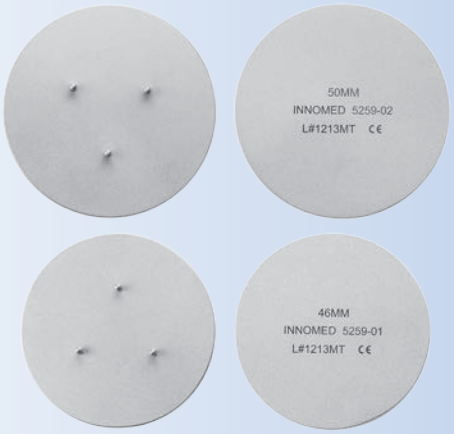
The osteotomized coracoid is fixed with the lateral, joint-facing side of the coracoid (where the ligament is) facing the flange of the drill-guide.

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.



Humeral Protection Plates

Designed by Ronald E. Delanois, MD

Helps protect the proximal humerus from fracture after humeral head osteotomy

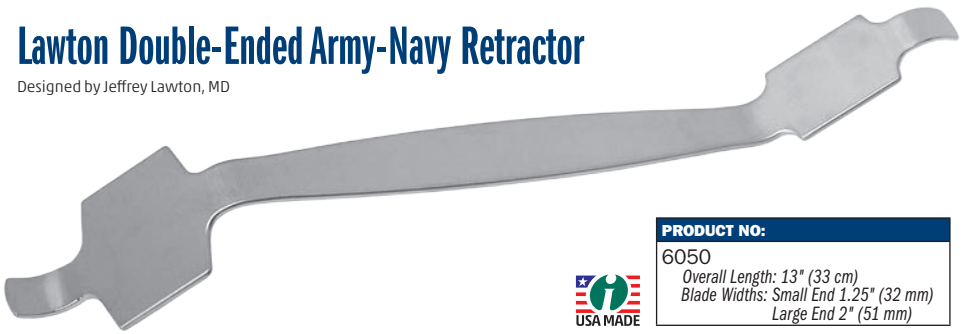
Plate is placed on the proximal humerus after the initial osteotomy of the humeral head for total shoulder replacement. Helps protect the proximal humerus from fracture as the humerus is retracted to gain visualization of the glenoid to prepare it for a glenoid implant.

PRODUCT NO'S:
5259-01 [46mm]
5259-02 [50mm]

USA MADE

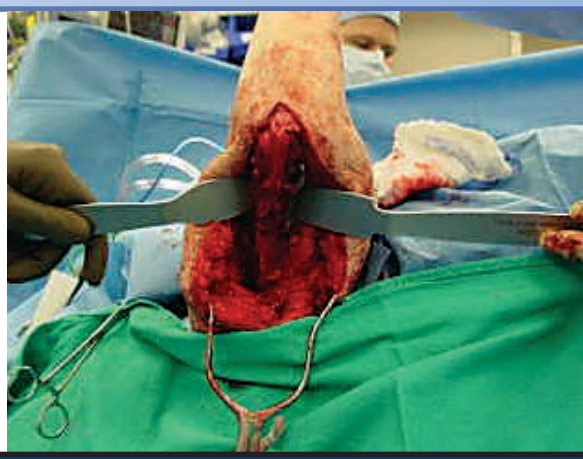
Lawton Double-Ended Army-Navy Retractor

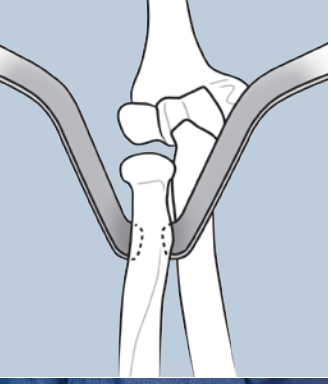
Designed by Jeffrey Lawton, MD

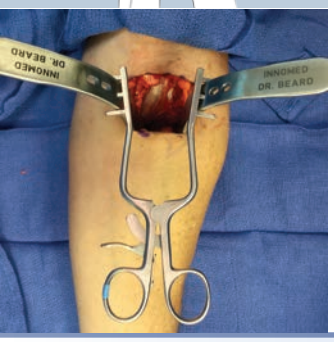


USA MADE

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







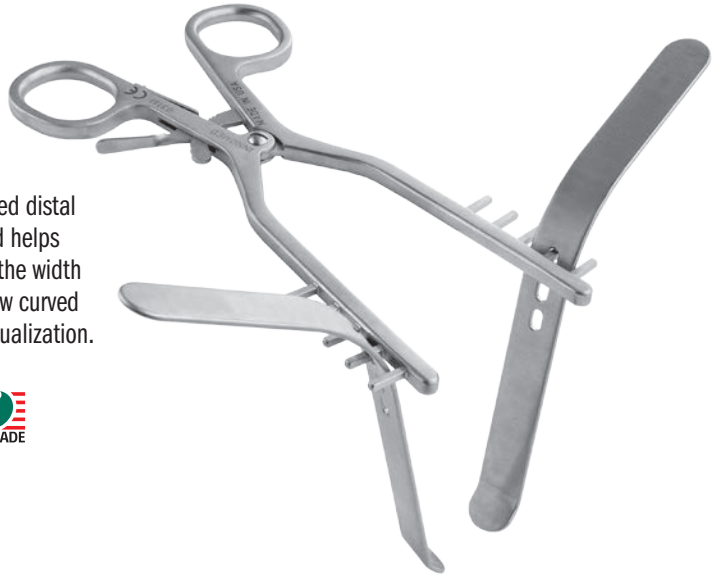
Beard Distal Bicep Retractor

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 [Blade] *1 blade with this product number* *Overall Length: 6.375" (16,2 cm)* *Width: .625" (16 mm)*
5834-02 [Self-retaining Retractor] *Overall Length: 7.5" (19,1 cm)*

USA MADE

Lateral Condyle Fracture Set

Designed by Carl R. Weinert, MD

Designed for adult and pediatric lateral condyle fractures

The asymmetric clamps (1756-L & 1756-R) are shaped to secure the lateral condyle fragment. The straight tip is placed in the coronoid fossa and the curved tip is used to grasp and compress the lateral condyle fragment. The symmetric reduction clamp (1755) is useful to compress T-condylar fractures, and in many other fracture reduction applications.

PRODUCT NO'S:
4697-00 [Set with Case]
Set Includes:
1755 [Clamp – Symmetric] *Overall Length: 8.5" (21,6 cm)* *Jaw opens to: 3" (7,6 cm)*
1756-L [Clamp – Asymmetric Left] *Overall Length: 8.75" (22,2 cm)*
1756-R [Clamp – Asymmetric Right] *Overall Length: 8.75" (22,2 cm)*
4697 [Elbow Retractor] *Overall Length: 6.5" (16,5 cm)* *Blade Width: 1" (2,54 cm)*
1015 [Sterilization Case] *Dimensions: 11.25" x 7.125" x 3.125" (28,6 cm x 18,1 cm x 7,9 cm)*

USA MADE

Elbow Retractor

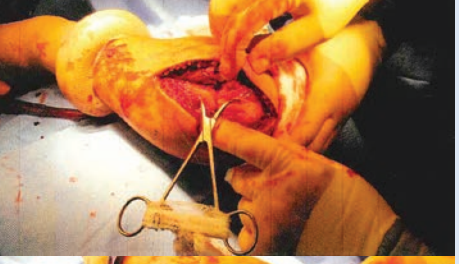
Designed for use within the elbow joint to retract the anterior capsule, and provide full exposure of the anterior articular surface for reduction and fixation of displaced lateral condyle fractures

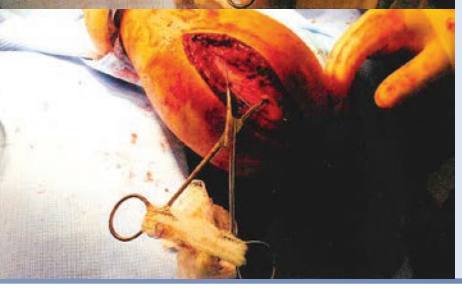
The small blunt tip hooks over the intact medial condyle.

Bone Holding Reduction Clamps

Designed to securely hold fracture reductions

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





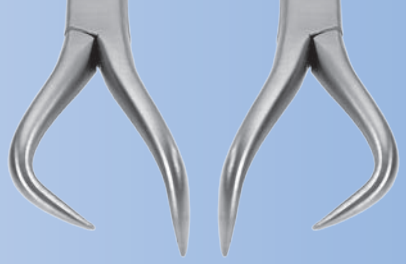
Calvo Olecranon Reducing Forceps

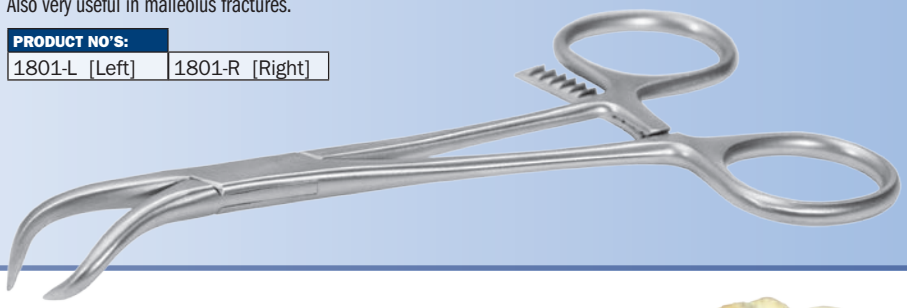
Designed by Ignacio J. Calvo, MD

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]





Browner MIS Bone Clamp

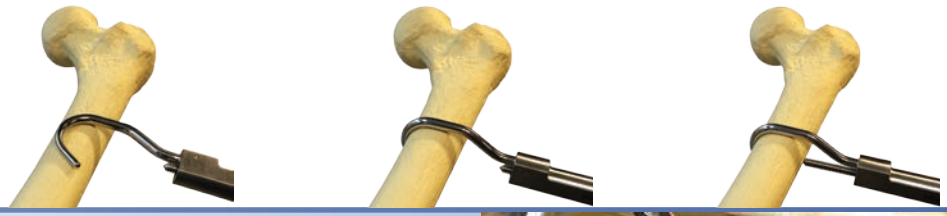
Designed by Bruce D. Browner, MD

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*

USA MADE



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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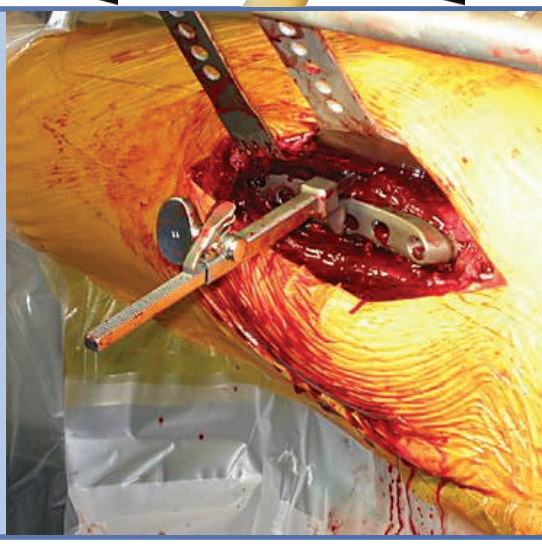
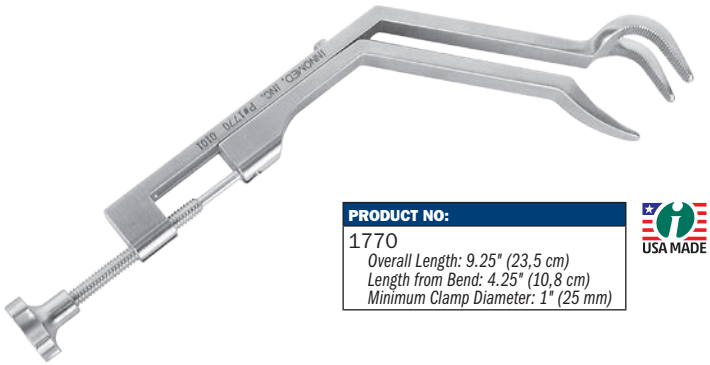




PRODUCT NO:
1770 *Overall Length: 9.25" (23,5 cm)* *Length from Bend: 4.25" (10,8 cm)* *Minimum Clamp Diameter: 1" (25 mm)*

USA MADE

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—helpful with clavicle and fibula fractures

PRODUCT NO:
1774 *Overall Length: 10" (25,4 cm)*

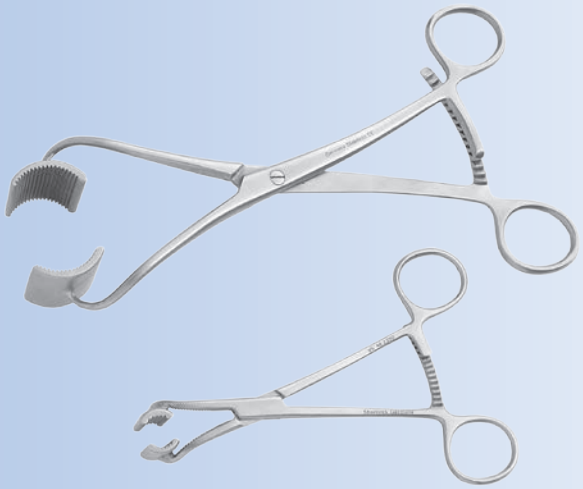
USA MADE

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.



USA MADE

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)*

USA MADE

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.

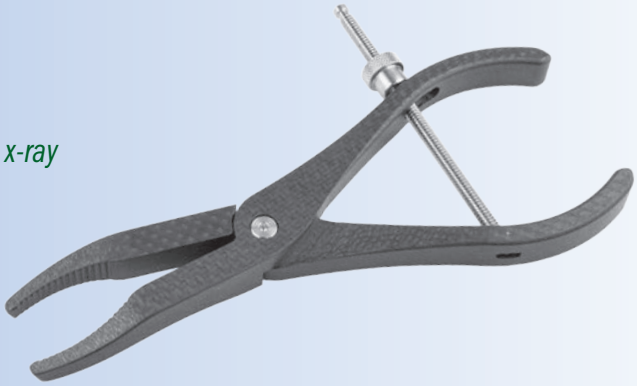
Radiolucent Small Bone Clamp

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)*

USA MADE

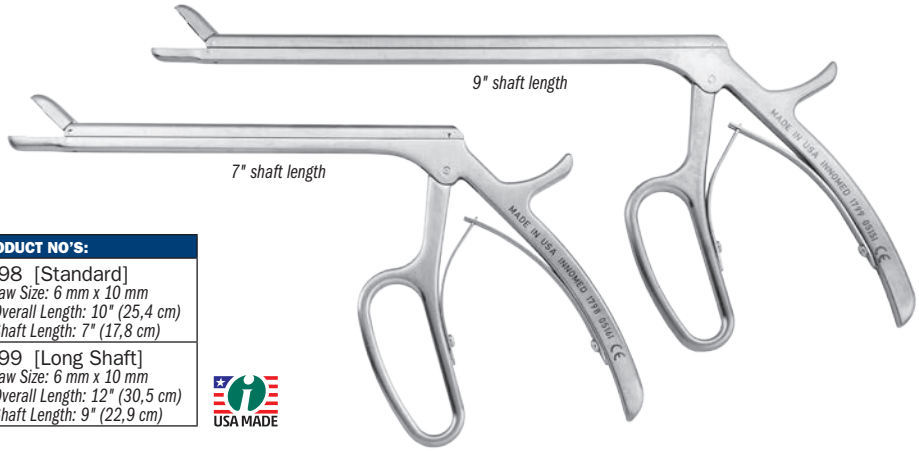


Shark Tooth Grasper

Designed by Luis Ulloa

Sharp teeth help grasp onto tissue and bone

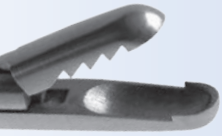
Helpful in removing the labrum, and osteophytes around the acetabulum and around the glenoid. Also helps to remove meniscus, osteophytes and loose bodies. Helps facilitate working through a small incision without disrupting vision.



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)*

USA MADE

Shark Tooth Jaw

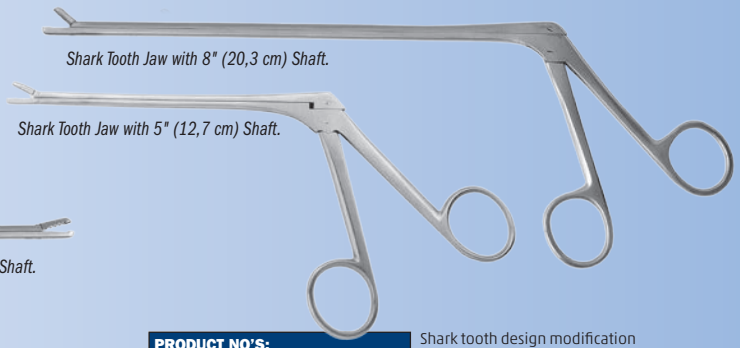


Saw Tooth Jaw

Cartilage Graspers

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

Shaft allows for use in narrow spaces.



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

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PRODUCT NO'S:		Shark tooth design modification by Michael Soudry, MD
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*	1779 [8" with Shark Teeth] *Shaft Length: 8" (20,3 cm)* *Overall Length: 11.25" (28,6 cm)*

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)*

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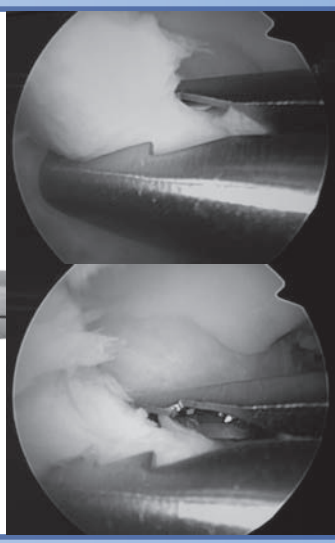


Hannum Tissue Grasper

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

3 mm 5 mm 8 mm

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)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Tissue Graspers with Shark Teeth

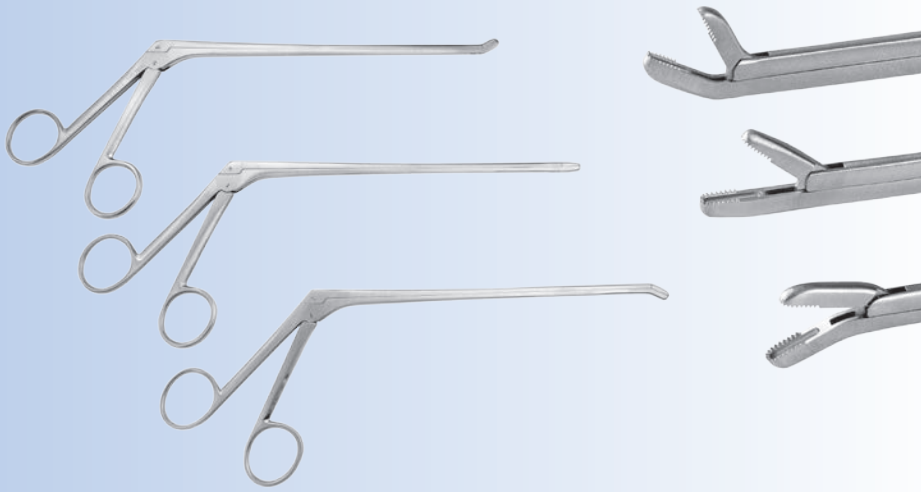
Designed by Luis Ulloa

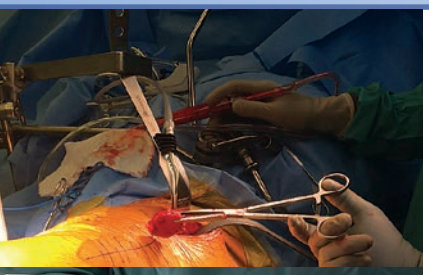
Shark teeth help to grasp on to tissue and bone

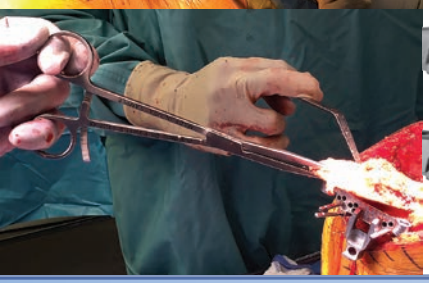
Shaft allows for use in narrow spaces.

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*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY







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)*

USA MADE

Tapered Jaw

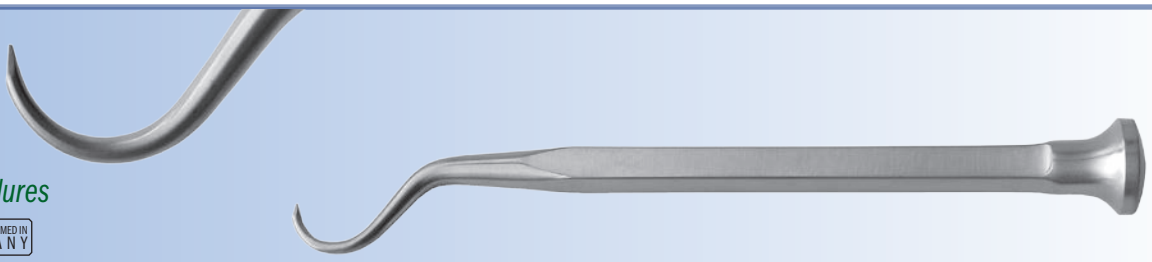
Square Jaw

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 INNOMED 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)*

USA MADE

Arthroscopic Shoulder Rasp

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

PRODUCT NO:
2310 *Overall Length: 9.625" (24,4 cm)* *Handle Length: 3.5" (8,9 cm)*

USA MADE

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

Nicholson Headrest

Designed by Gregory Nicholson, MD

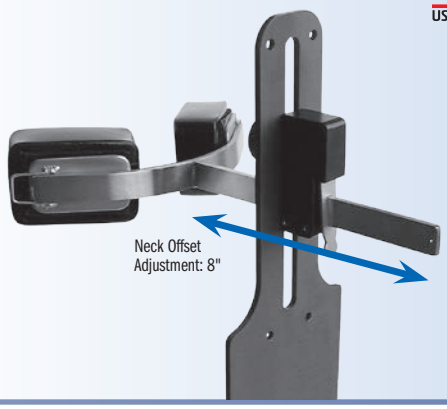
Helps position the patient for all types of shoulder surgery in the beachchair position

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.

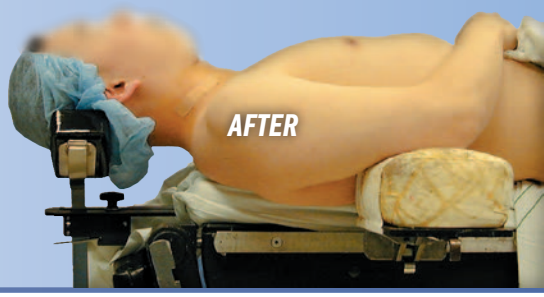
PRODUCT NO'S:
2450 [Headrest] *Main Plate Dimensions: 6" x 18" (15,2 cm x 45,7 cm)* *Neck Offset Adjustment: 8" (20,3 cm)*
Includes:
2450-S [Strap with gel pad]

USA MADE

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



Provides excellent exposure to the shoulder, and patient support

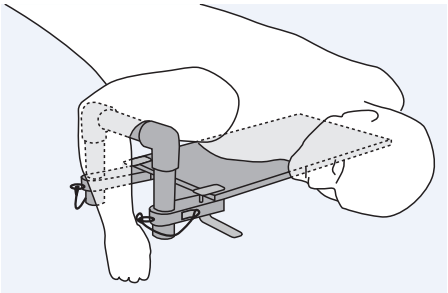


Distal Humerus Fracture Board

Designed by Burk Young, MD

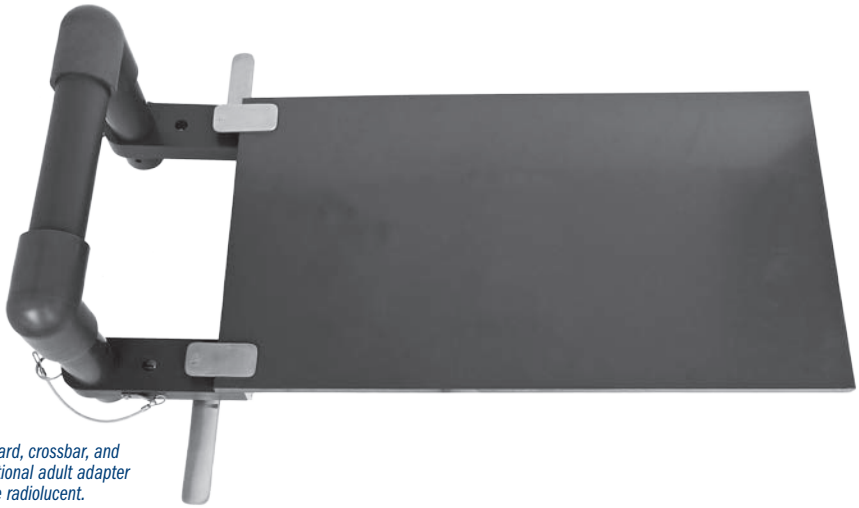
Designed for the pinning of pediatric supra-condylar and adult distal humerus fractures

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 adustable to accommodate different size patients. Reduction is acheved 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.

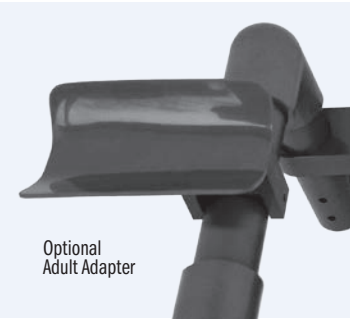


PRODUCT NO'S:
2445 [Fracture Board – Pediatric] *Main Board Dimensions: 22" x 12" (55,8 cm x 30,5 cm)* *Crossbar Height Adjusts From: 4.5" to 7.5" (11,4 cm x 19,1 cm)*
2445-01 [Fracture Board – With Adult Adapter]
Optional/Replacement Part:
2445-06 [Adult Adapter]

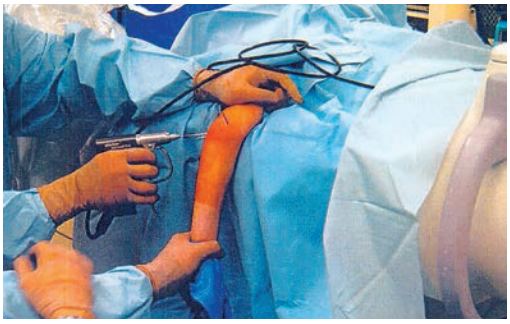
USA MADE



Board, crossbar, and optional adult adapter are radiolucent.



Optional
Adult Adapter



Freeman Arm Holder

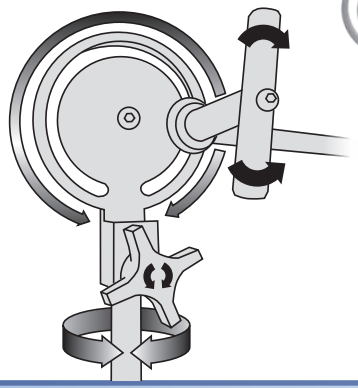
Designed by Carl R. Freeman, MD

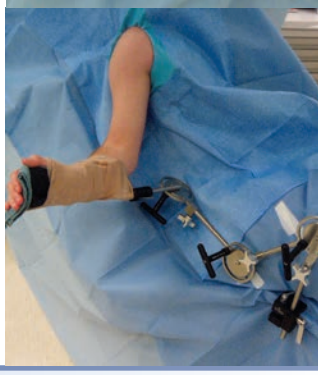
Allows intraoperative positioning for use in all open, arthroscopic, and replacement shoulder procedures

- 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]

USA MADE





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 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*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

OrthoVise™

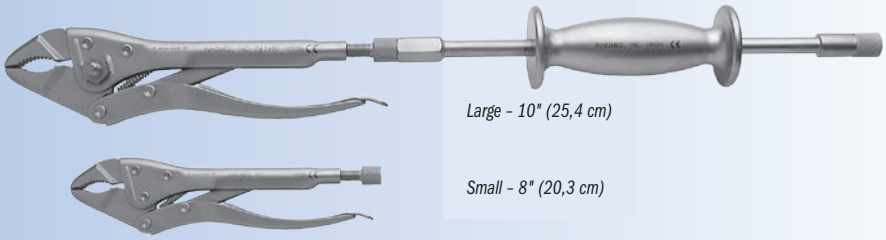
Made of stainless steel and designed with the option of using a slap hammer for greater adaptability.

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

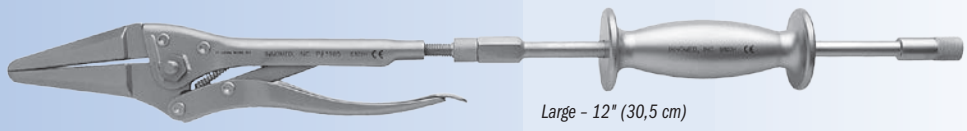
Standard



Large - 10" (25,4 cm)

Small - 8" (20,3 cm)

Long Nose



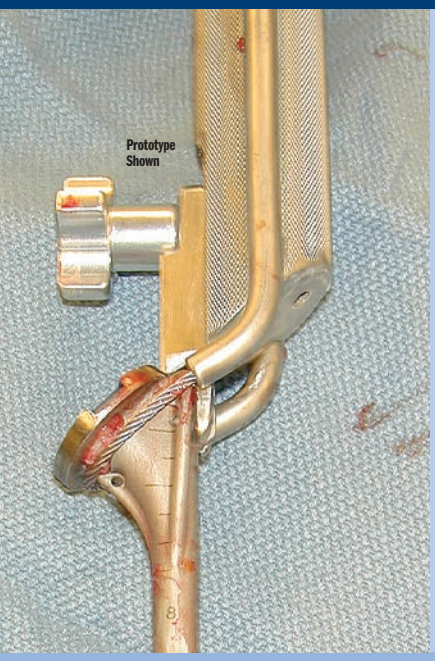
Large - 12" (30,5 cm)

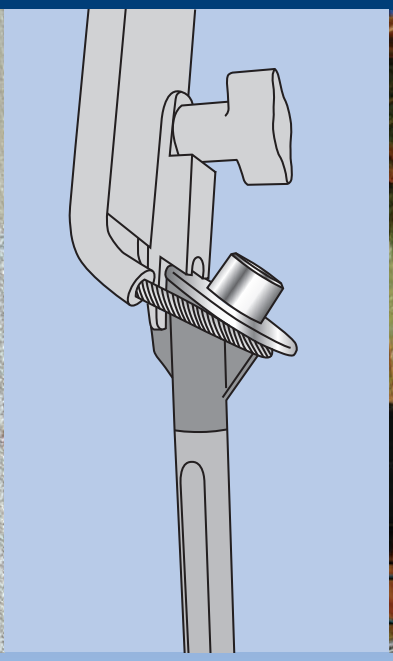
Large Bent Jaw

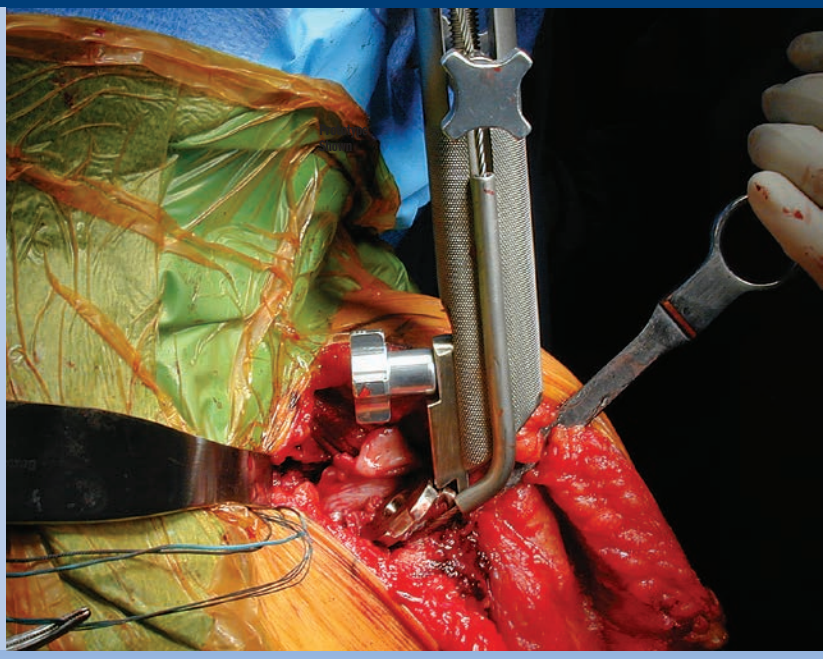
Small - 9.5" (24,1 cm)

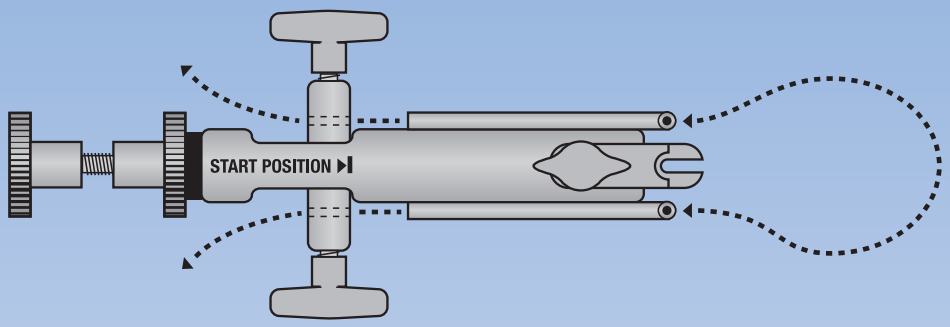
Nicholson Universal Humeral Prosthesis Extractor

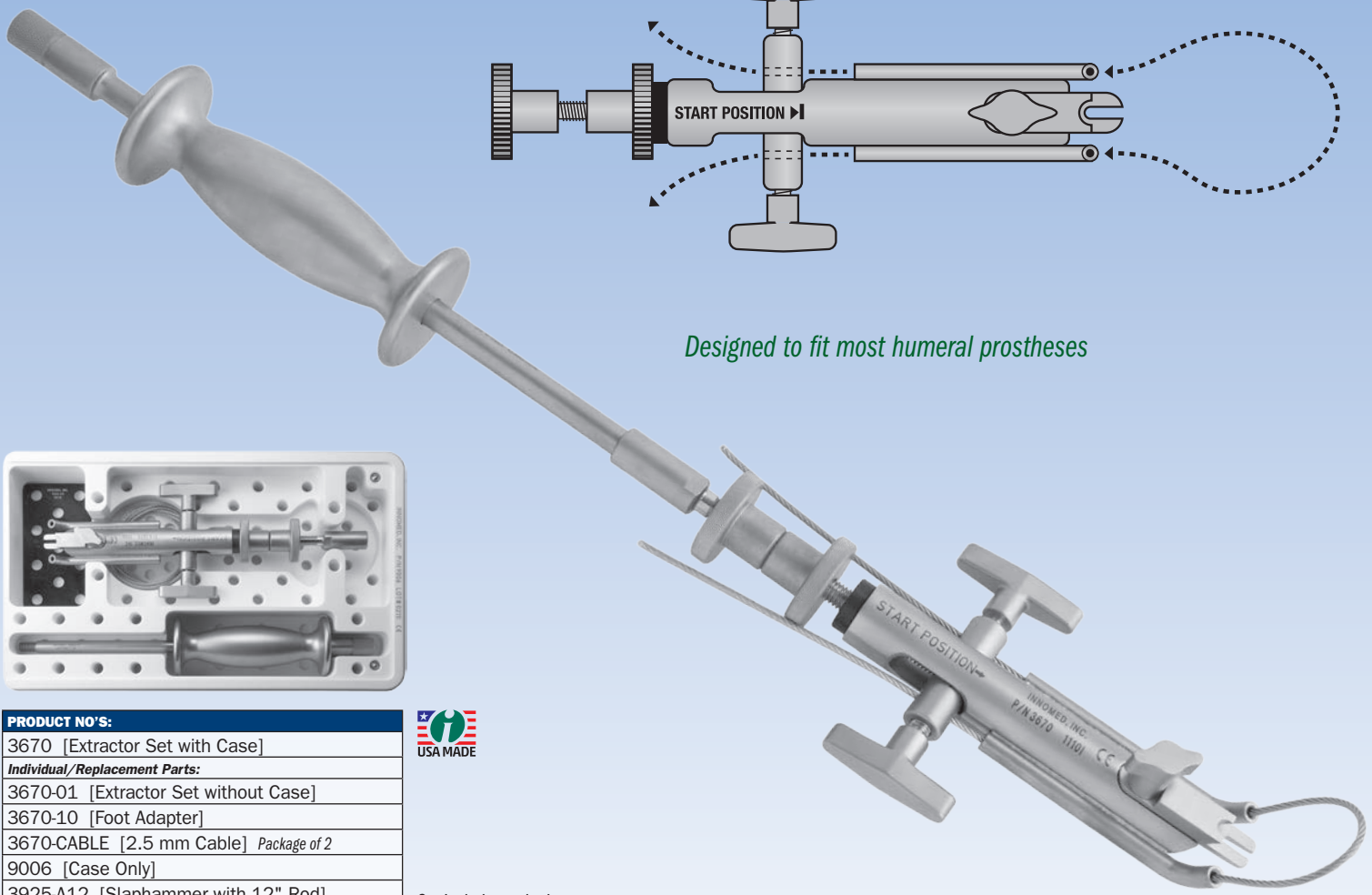
Designed by Gregory Nicholson, MD









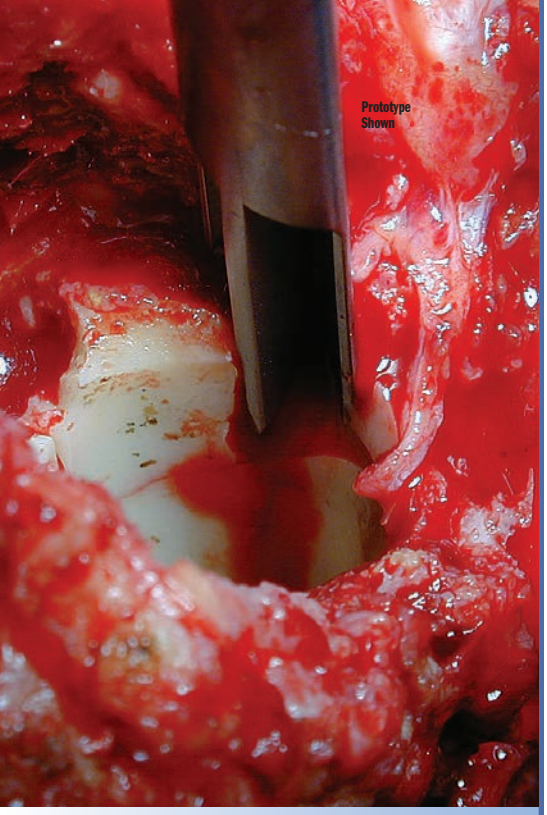


Designed to fit most humeral prostheses

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)]

USA MADE

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

Extra Small Gouge

Small Gouge

Medium Gouge

Large Gouge

Small Gouge with Splitter

Medium Gouge with Splitter

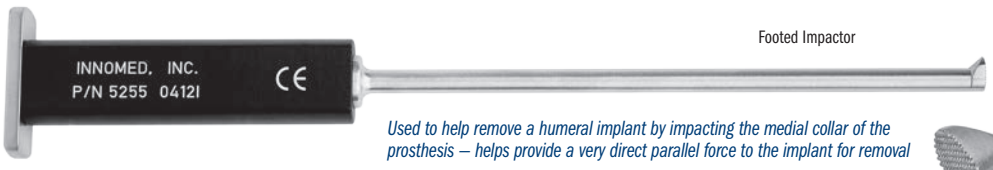
Large Gouge with Splitter

- Reverse bevel tip helps the gouge to slide between the bone and cement
- T-shaped Gouge-Splitter allows the gouge to slide between the cement and bone and vertically split the cement mantle to facilitate removal
- Small diameter widths and curvatures more closely match shoulder and elbow implants and smaller bone diameters
- Shorter length allows for better control and access

PRODUCT NO'S:
Gouges Overall Length: 9" (22,9 cm) *Gouges Handle Length: 4" (10,2 cm)*
5251-00 [Complete Set w/Case
5251-05 [Extra Small] *Gouge Width: 5 mm*
5251-07 [Small] *Gouge Width: 7 mm*
5251-09 [Medium] *Gouge Width: 9 mm*
5251-11 [Large] *Gouge Width: 11 mm*
5252-07 [Small w/Splitter] *Gouge Width: 7 mm* *Splitter Height: 4 mm*
5252-09 [Medium w/Splitter] *Gouge Width: 9 mm* *Splitter Height: 5 mm*
5252-11 [Large w/Splitter] *Gouge Width: 11 mm* *Splitter Height: 6 mm*
5254 [Backhook] *Overall Length: 12.5" (31,8 cm)* *Handle Length: 4.5" (11,4 cm)* *Shaft Diameter: 4 mm*
5255 [Footed Impactor] *Foot Pad Size: 8.5 mm x 11.5 mm* *Shaft Diameter: 8.5 mm (21,6 cm)* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.5" (11,4 cm)*
5253 [Case for Set]

USA MADE

Backhook



Footed Impactor

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

Levy Humeral Stem Extraction Punch

Designed by Jonathan Levy, MD

Ultra hard cobalt chrome shaft and impactor tip designed to help remove a humeral stem during revision total shoulder arthroplasty

Can be used to open up distal cement mantle or pedestal during revisions.

PRODUCT NO:
8627 *Overall Length: 12" (30,5 cm)* *Handle/Platform Length: 4.75" (12,1 cm)* *Punch Rod Length: 7.25" (18,4 cm)* *Platform: 3" x .75" (7,6 cm x 1,9 cm)* *Shaft Diameter: 8 mm, tapers to 4 mm at tip*

USA MADE

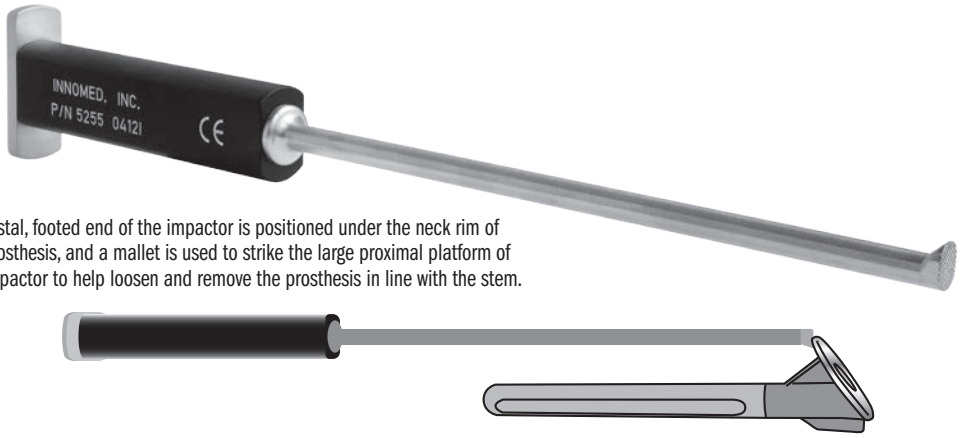
Nicholson Footed Impactor

Designed by Gregory Nicholson, MD

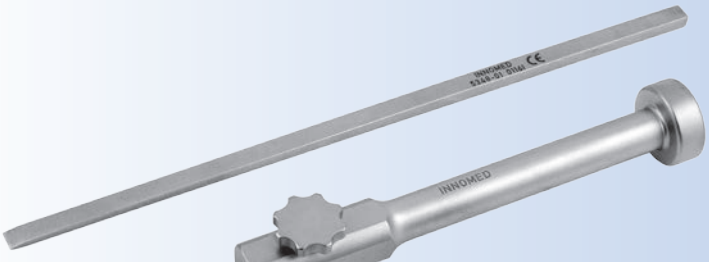
Designed to help remove a humeral prosthesis by impacting the medial collar from underneath, after a gap has been exposed between the rim/ bone interface

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)*

USA MADE



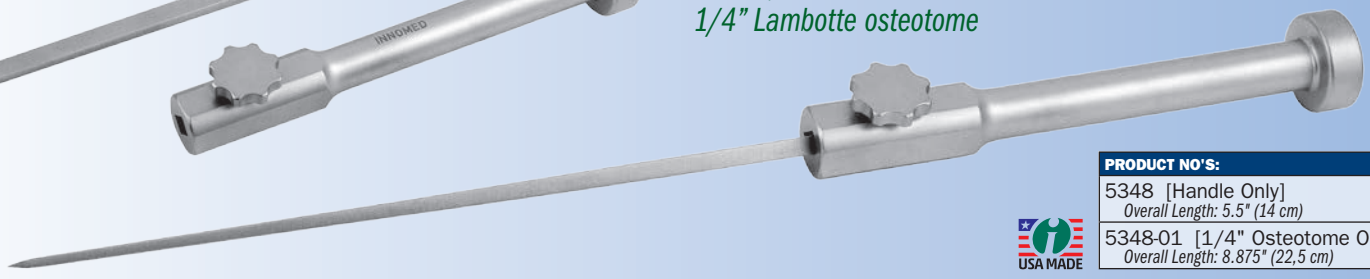
The distal, footed end of the impactor is positioned under the neck rim of the prosthesis, and a mallet is used to strike the large proximal platform of the impactor to help loosen and remove the prosthesis in line with the stem.



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



USA MADE

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)*

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

MADE FOR INNOMED IN GERMANY

Mini-lexer Osteotomes

Helpful in osteophyte and cement removal

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

Whelan Flexible Chisel Guide

Designed by E. J. Whelan, III, MD

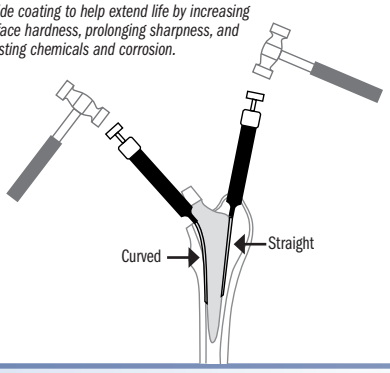
USA MADE

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]

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.

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 Curved Chisel Guide

Designed by E. J. Whelan, III, MD

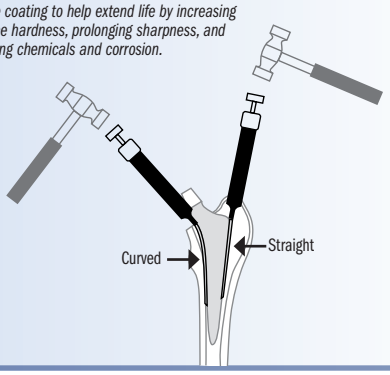
USA MADE

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]
1015 [Sterilization Case]

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.

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

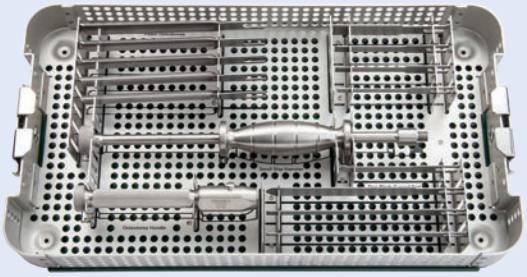
Two blades included in Set

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]	USA MADE
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]



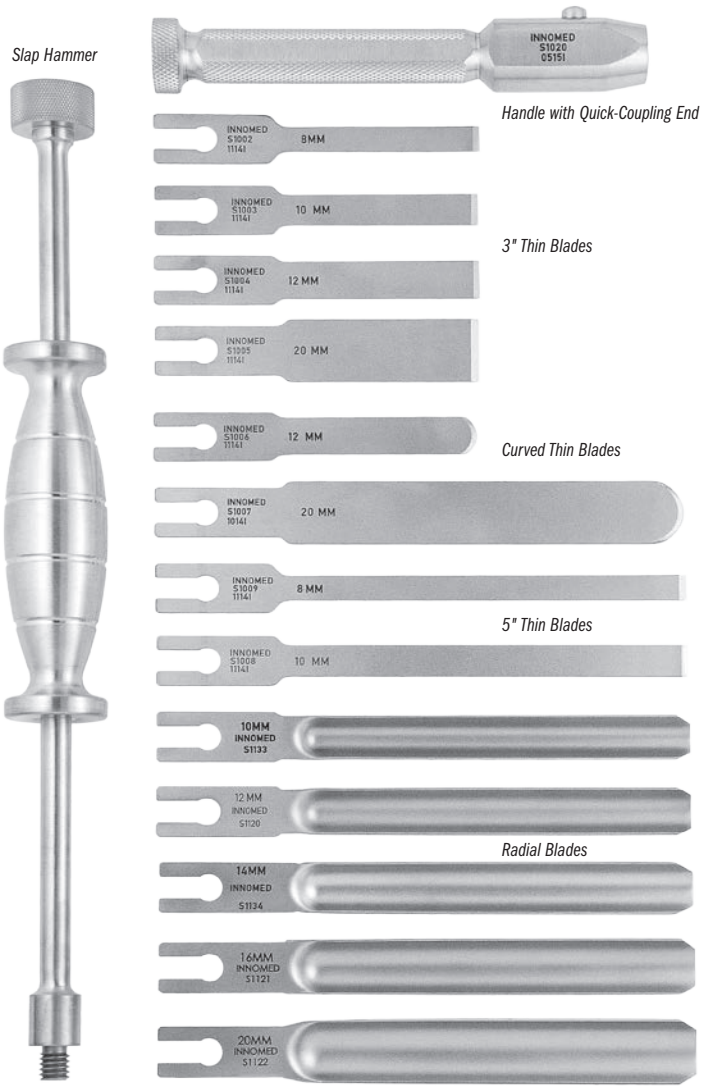
Flexible Osteotome System

Provides an assortment of osteotome blades for various orthopedic 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 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

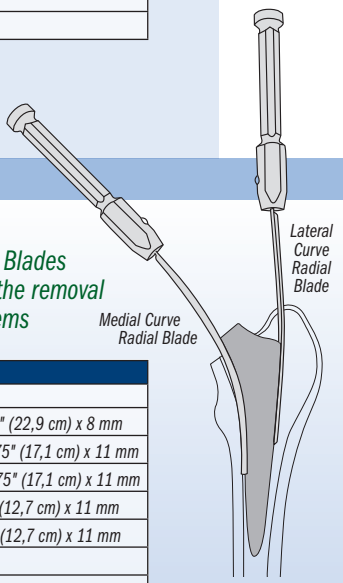
PRODUCT NO'S:	
S0011-00	[Complete Set with Case]
Individual Instruments:	
S1002	[Thin Osteotome Blade] *3" (7,6 cm) x 8 mm*
S1003	[Thin Osteotome Blade] *3" (7,6 cm) x 10 mm*
S1004	[Thin Osteotome Blade] *3" (7,6 cm) x 12 mm*
S1005	[Thin Osteotome Blade] *3" (7,6 cm) x 20 mm*
S1006	[Curved Thin Osteotome 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]

USA MADE



Optional Blades

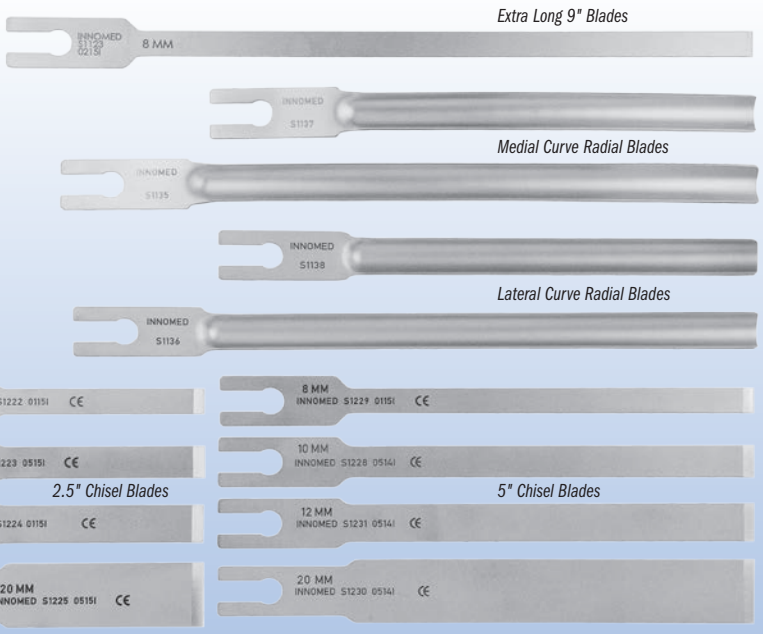
Curved Radial Blades are helpful in the removal of total hip stems



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*

USA MADE

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

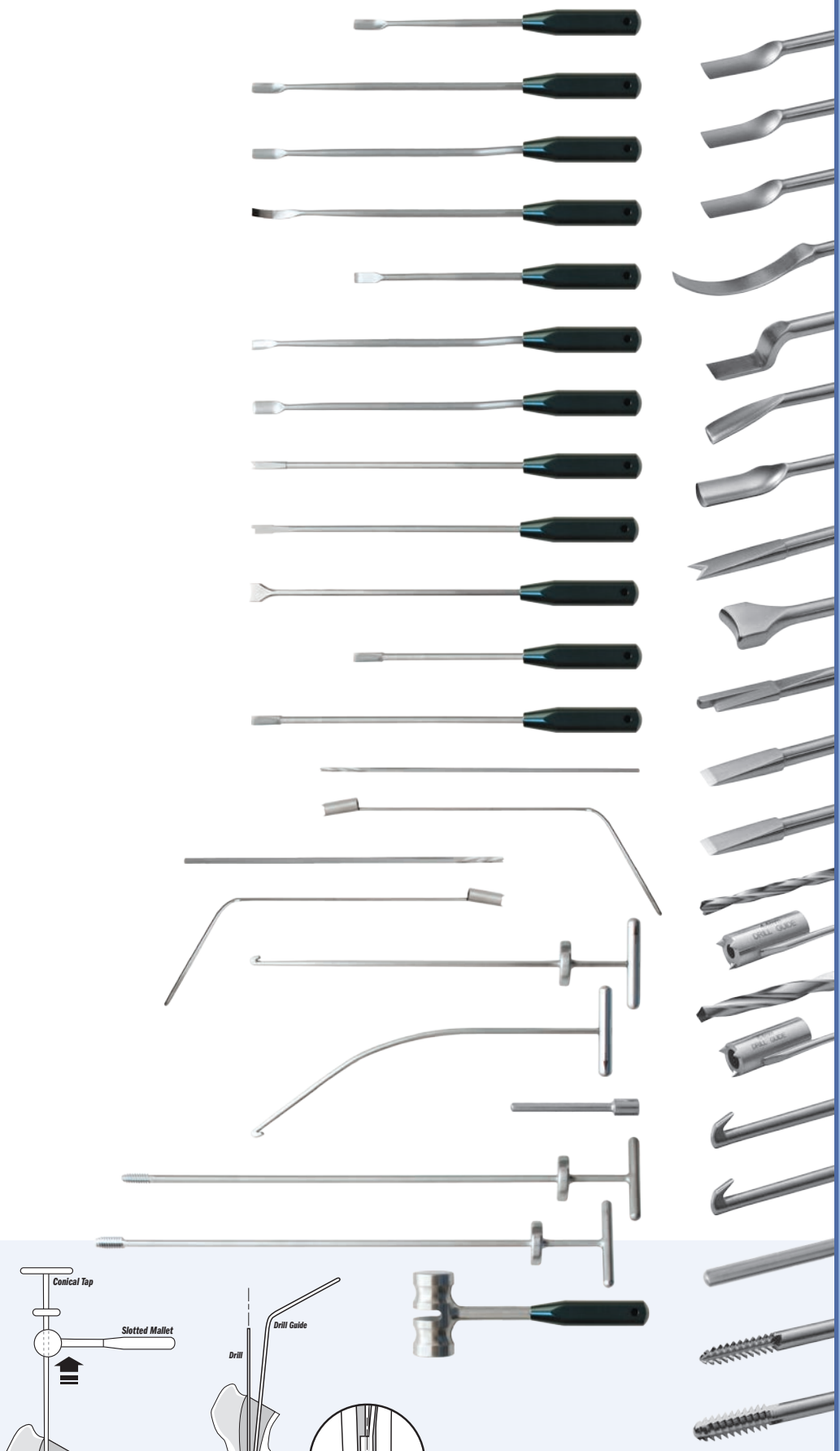


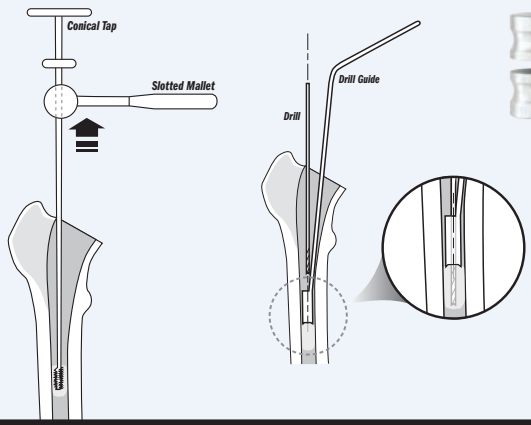
Mueller-Type Cement Removal Instruments

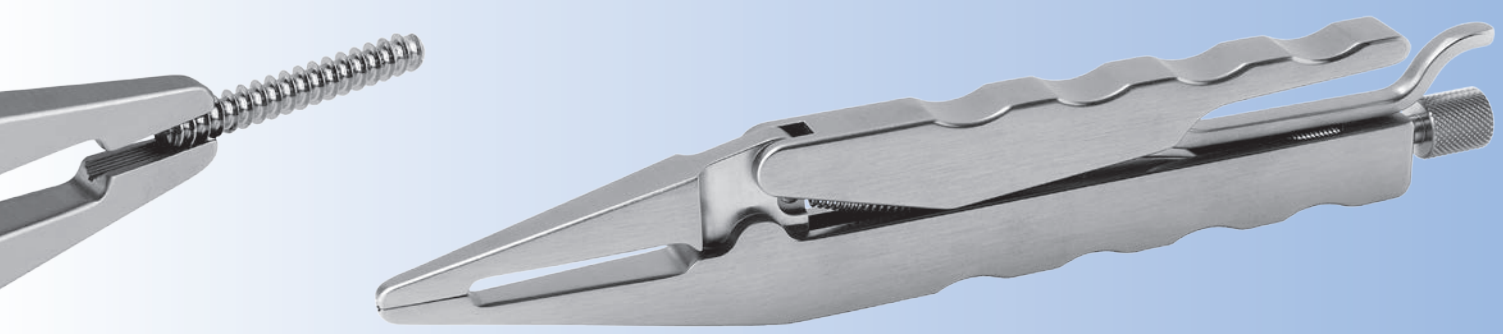
Used for cement removal in the hip, knee, and shoulder

USA MADE

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]







PRODUCT NO:
S0142 *Overall Length: 8" (20,3 cm)* *Jaw Width: 4.5 mm*

USA MADE

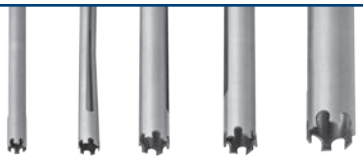
Screw/Pin Removal Locking Pliers

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

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.

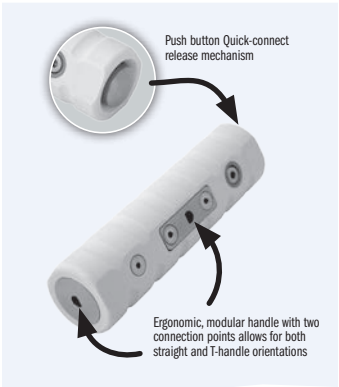
Hex Drivers
Solid shaft in all standard hex sizes.

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

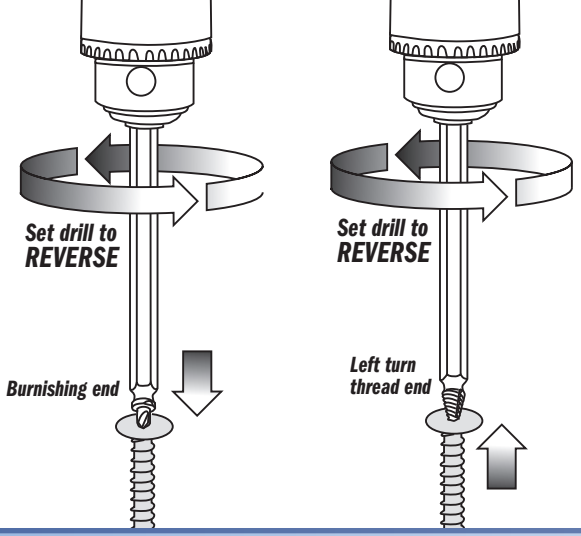
Universal Instrument Handle
The single handle allows the surgeon to decide which direction is most efficient and comfortable. The quick-connect release mechanism allows for quick interoperative exchange.

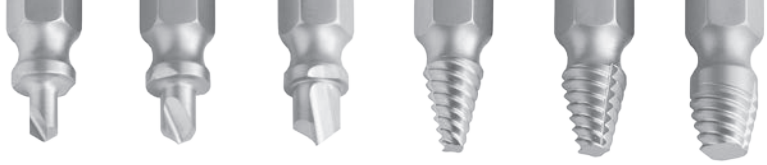
Pick
Used to remove fragments and bone or tissue from screw head.

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)*

USA MADE





Screw Extractor Set

Designed to help remove screws with stripped or damaged heads

- 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.

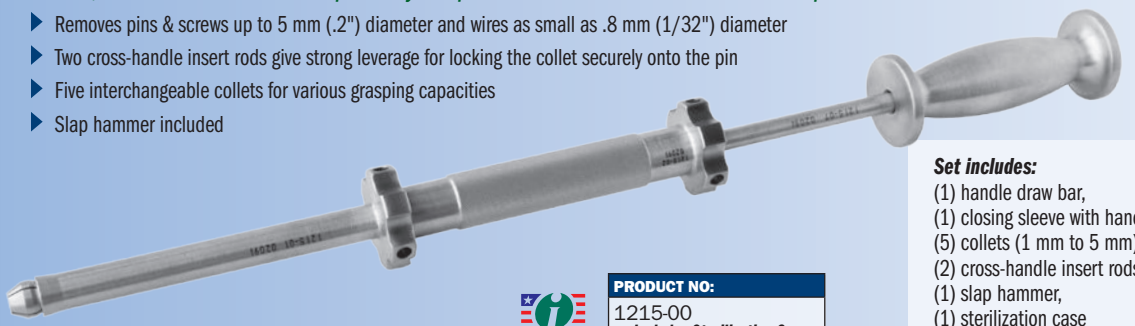
PRODUCT NO'S:
7250-00 [Set with Case]
7250-01 [2.5 mm] *Overall Length: 6" (15,2 cm)*
7250-02 [3.5 mm] *Overall Length: 6" (15,2 cm)*
7250-03 [6.5 mm] *Overall Length: 6" (15,2 cm)*
1025 [Sterilization Case]

USA MADE

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
- Two cross-handle insert rods give strong leverage for locking the collet securely onto the pin
- Five interchangeable collets for various grasping capacities
- Slap hammer included



USA MADE

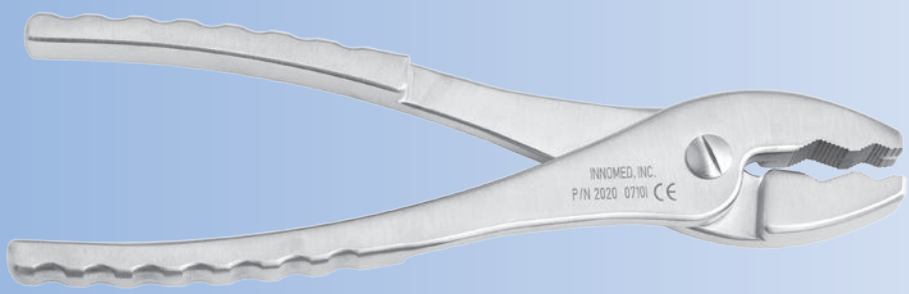
PRODUCT NO:
1215-00 *Includes Sterilization Case*

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

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*

USA MADE



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)*

USA MADE

Faillace Ambidextrous Self-Retaining Retractor

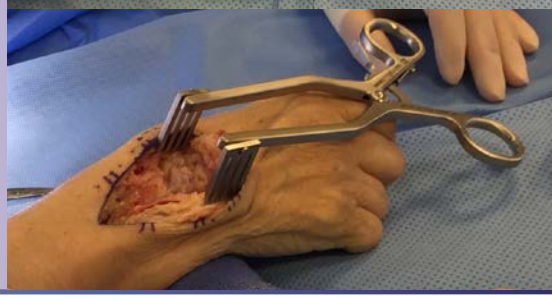
Designed by John J. Faillace, MD

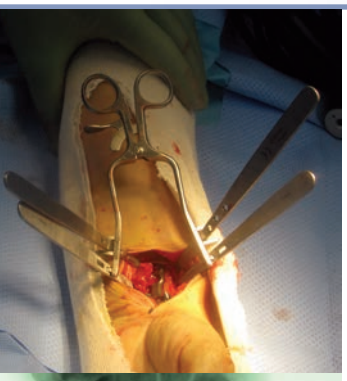
Handle can be rotated away from the surgeon after insertion if desired

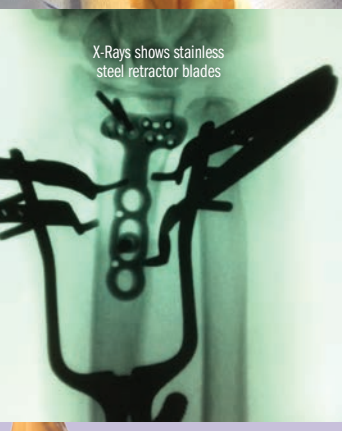
PRODUCT NO'S:
1579 [4 Teeth] *Overall Length: 6" (15,2 cm)* *Prong Depth: 38 mm* *Prong Width: 18 mm*
1580 [7 Teeth] *Overall Length: 7.5" (19,1 cm)* *Prong Depth: 38 mm* *Prong Width: 34 mm*

USA MADE

New!







Dodson Modular Retractor

Designed by Mark A. Dodson, MD

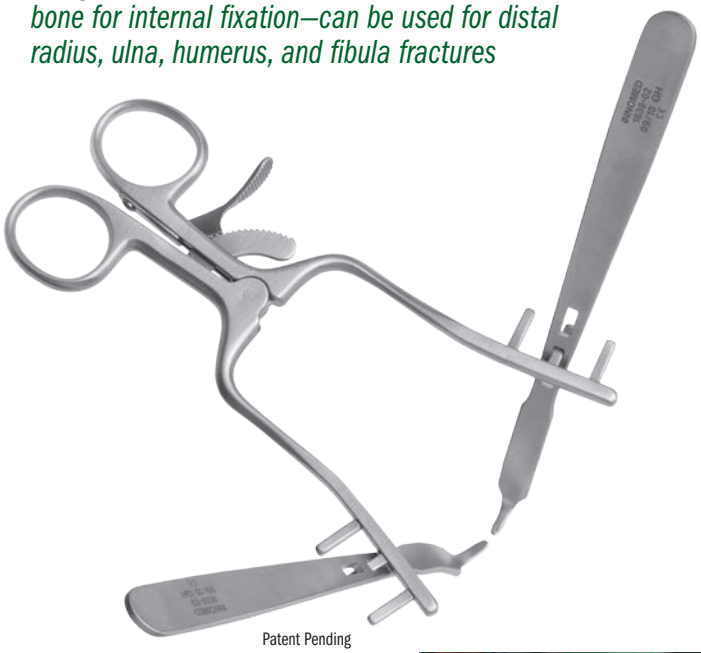
Allows the limb to be rotated (pronated or supinated) without loss of exposure. The hohmann retractors have three hole sizes which allow for a variety of positioning angle options using the teeth of the self-retaining handle, or can also be positioned in-between the teeth. The hohmann is placed around 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]	Set consists of one ratcheting self-retaining handle, two stainless steel mini-hohmann retractor blades, and a stertilization case.
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)*	

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

* MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

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



Patent Pending

Radiolucent carbon fiber PEEK composite blade

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

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)*

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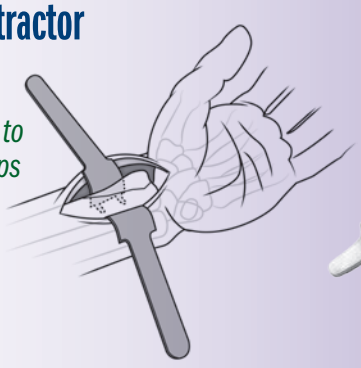


New!

Wurapa Swivel Blade Forearm Retractor

Designed by Raymond Wurapa, MD

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

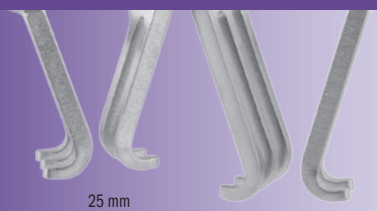
Swivel-blade technology helps to allow parallel deployment of retractor blades to maximize wound exposure and minimize edge loading on surrounding soft tissues. Parallel deployment of the retractor blades also helps prevent rotation and migration of the retractor during a procedure.

PRODUCT NO'S:
1646-00 [Set] *Includes Retractor and Two Swivel Blades*
Also available individually:
1646-01 [Retractor] *Overall Length: 5.125" (13 cm)* *Opens to: 2.5" (6,4 cm)*
1646-02 [Swivel Blade] *One blade with this product number, two included in set* *Width: .9375" (24 mm)* *Depth: .75" (19 mm)*

USA MADE

New!

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



25 mm

30 mm

Chung Weitlaner Retractors

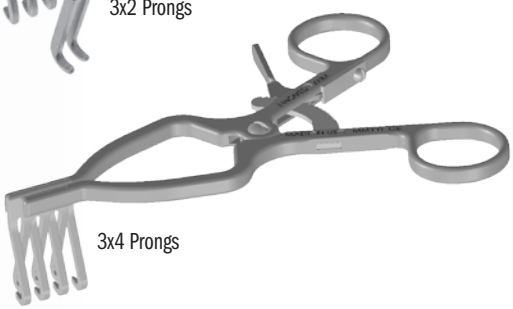
Designed by Raymond Chung, MD

Longer prongs allow use in a small, but deep wound

PRODUCT NO'S:	
Blunt Tips	***Sharp Tips***
5065 [2x3 Prongs] *Blade Depth: 25 mm* *Overall Length: 4.5" (11,4 cm)*	5066 [2x3 Prongs] *Blade Depth: 25 mm* *Overall Length: 4.5" (11,4 cm)*
5065-01 [3x4 Prongs] *Blade Depth: 25 mm* *Overall Length: 4.5" (11,4 cm)*	5066-01 [3x4 Prongs] *Blade Depth: 25 mm* *Overall Length: 4.5" (11,4 cm)*
5067 [2x3 Prongs] *Blade Depth: 30 mm* *Overall Length: 4.5" (11,4 cm)*	5068 [2x3 Prongs] *Blade Depth: 30 mm* *Overall Length: 4.5" (11,4 cm)*
5067-01 [3x4 Prongs] *Blade Depth: 30 mm* *Overall Length: 4.5" (11,4 cm)*	5068-01 [3x4 Prongs] *Blade Depth: 30 mm* *Overall Length: 4.5" (11,4 cm)*

USA MADE

3x2 Prongs



3x4 Prongs

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 INNOMED IN GERMANY

Left

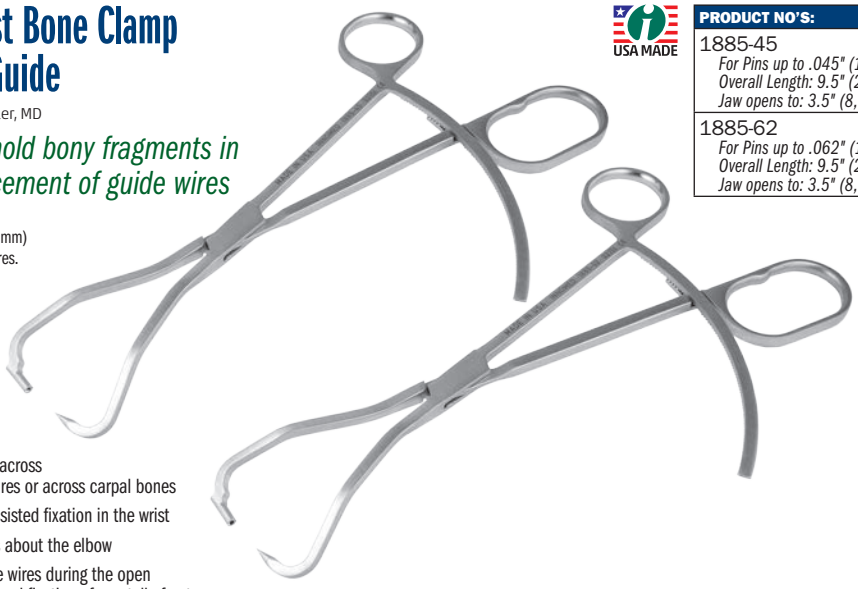
Right

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.



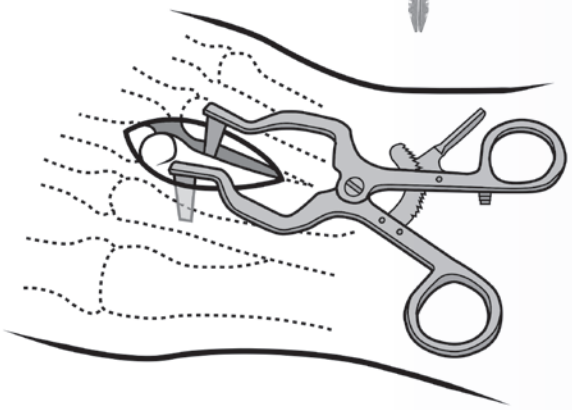
USA MADE

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)*

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

New!



HFD Self-Retaining Small Bone Spreader

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

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

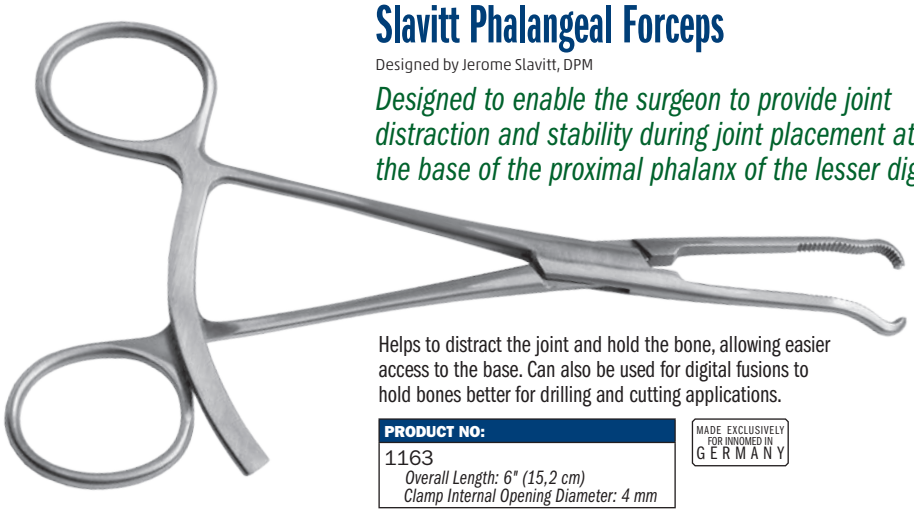
PRODUCT NO:
1829 *Overall Length: 4.5" (11,4 cm)* *Blade Depth: 28 mm* *Blade Width Tapers from: 8 mm to 5 mm*

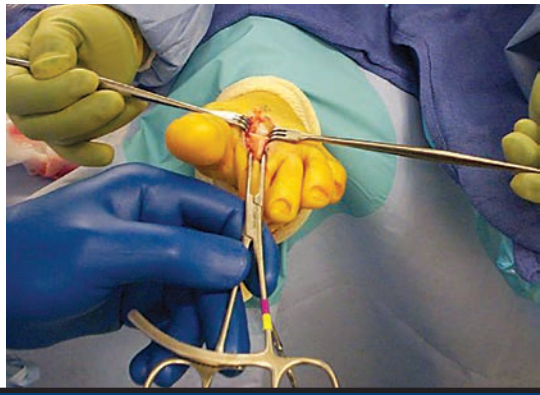
USA MADE

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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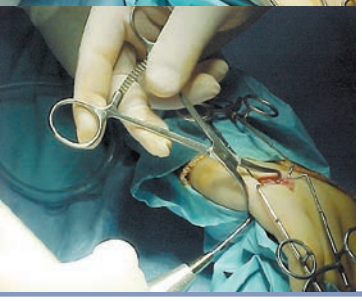

Redler Percutaneous Pin Clamp

Holds a small bone in apposition during percutaneous pinning of a fracture

Designed with a proximal pin tube with teeth; the tube guides the pin and the teeth help keep the tube in place on the bone. The distal tip is used to control the bone fragment. Includes a long ratchet for locking on various sized bones, from 1 mm to 14 mm. Also useful during insertion of cannulated screw guide wires.

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

USA MADE

Three Tube Sizes Available

Designed by M.R. Redler, MD

Chang Pin Clamp

Designed by Win Chang, MD

Designed to allow accurate insertion of pins for internal fixation

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

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

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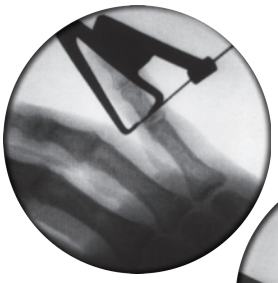
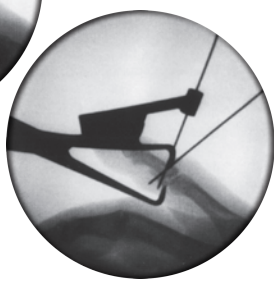




(Prototype used in X-ray images)

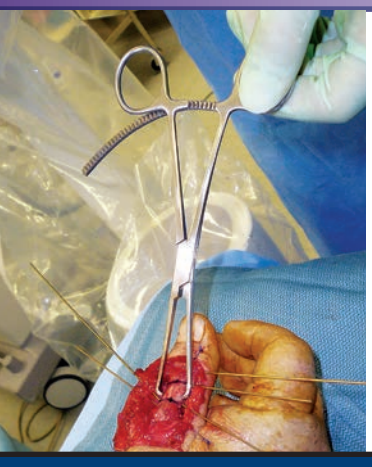
Coated Allis Bone Clamp

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

USA MADE



Resnick Allis Bone Clamp

Designed by Charles T. Resnick MD

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

PRODUCT NO:	
1385	*Overall Length: 6" (15,2 cm)*
	Ratcheted Clamp Opens to: 37 mm
	Clamp End Width: 4.7 mm

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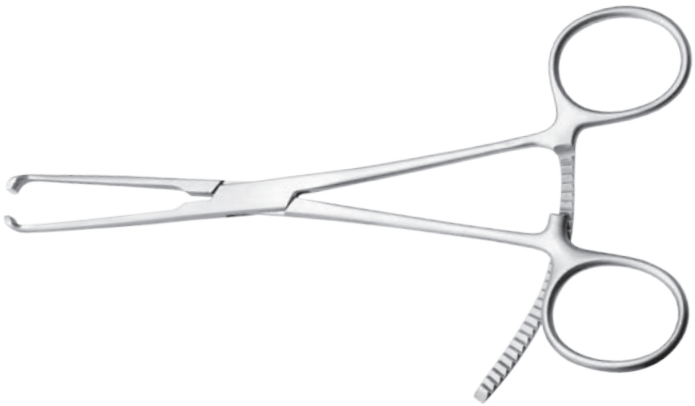
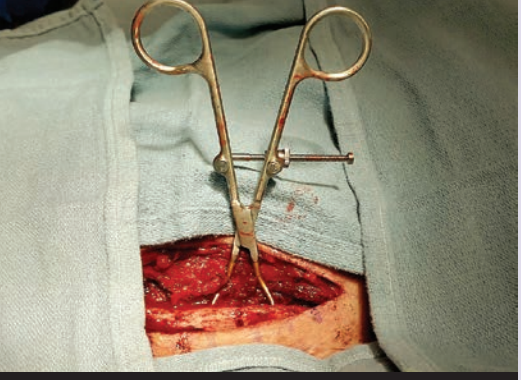
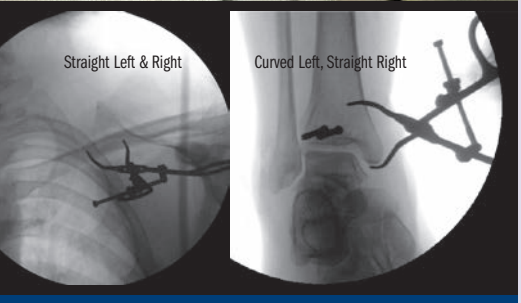




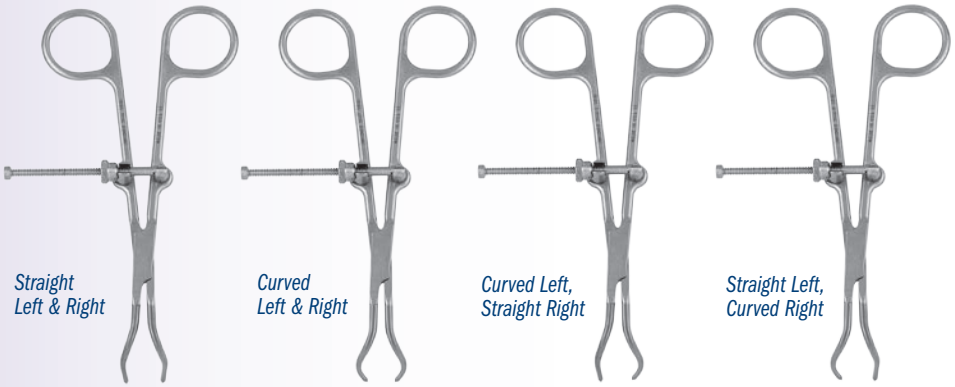


Ratchet guide rotates for increased range of jaw opening, and is open-topped to allow quick release

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



Straight Left & Right | *Curved Left & Right* | *Curved Left, Straight Right* | *Straight Left, Curved Right*

- 1.9 mm tines allow for a snug fit in 2 mm drill holes
- Tines angled to prevent clamp "slippage" with compression
- Extra-long spin down allows for increased range of clamp use
- 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.

PRODUCT NO'S:	
3666 [Straight Left & Right] *Overall Length: 5.5" (14 cm)*	3666-L [Curved Left, Straight Right] *Overall Length: 5.5" (14 cm)*
3667 [Curved Left & Right] *Overall Length: 5.5" (14 cm)*	3666-R [Straight Left, Curved Right] *Overall Length: 5.5" (14 cm)*

USA MADE

Bush Small Bone Reduction Forceps

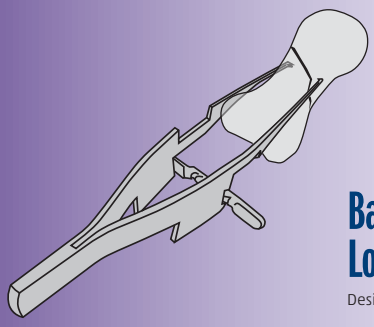
Designed by Andrew P. Bush, MD

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

Opens to approximately .5" (13 mm).

PRODUCT NO'S:
1889 [Single] *Overall Length: 4.5" (11,4 cm)* *Jaw Width: .15" (3,7 mm)*
1888 [Double] *Overall Length: 4.5" (11,4 cm)* *Jaw Width: .7" (17,7 mm)*

USA MADE



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)*

USA MADE

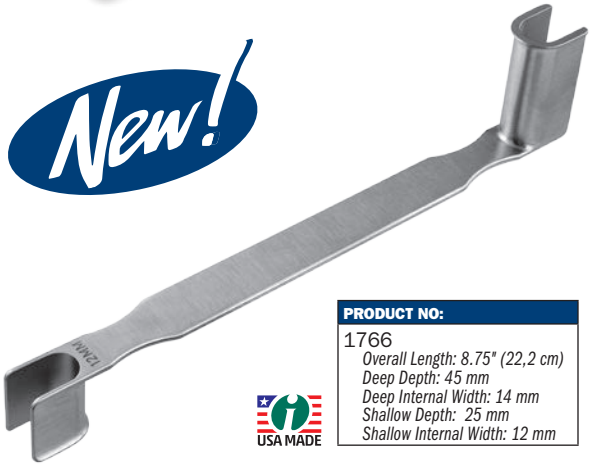
Locking Bone Screw Assembly Set

Designed to help temporarily hold a bone plate in position while screws are inserted

PRODUCT NO'S:
8270-00 [Set with Case]
Also sold individually:
8270-2.0 [Locking Bone Screw – 2.0 mm] *Overall Length: 1.7" (43 mm)*
8270-2.7 [Locking Bone Screw – 2.7 mm] *Overall Length: 1.7" (43 mm)*
8270-3.5 [Locking Bone Screw – 3.5 mm] *Overall Length: 1.94" (49 mm)*
8270-4.5 [Locking Bone Screw – 4.5 mm] *Overall Length: 1.94" (49 mm)*
8270-HS [Hex Screwdriver] *Overall Length: 5" (12,7 cm)*
8270-CASE [Case] *Dimensions: 6" x 4" x .8" (15,2 cm x 10,2 cm x 20,4 cm)*

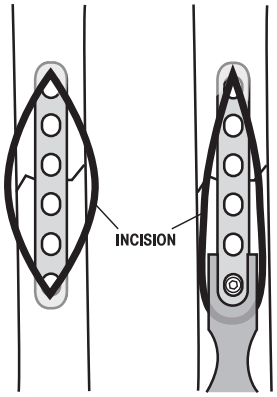
Set includes (2) of each size Locking Bone Screws, (1) Hex Screwdriver, and (1) Case.

USA MADE



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

USA MADE



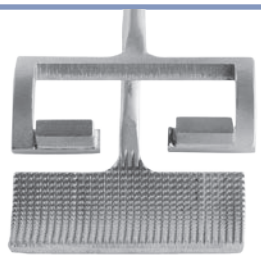
Before *After*

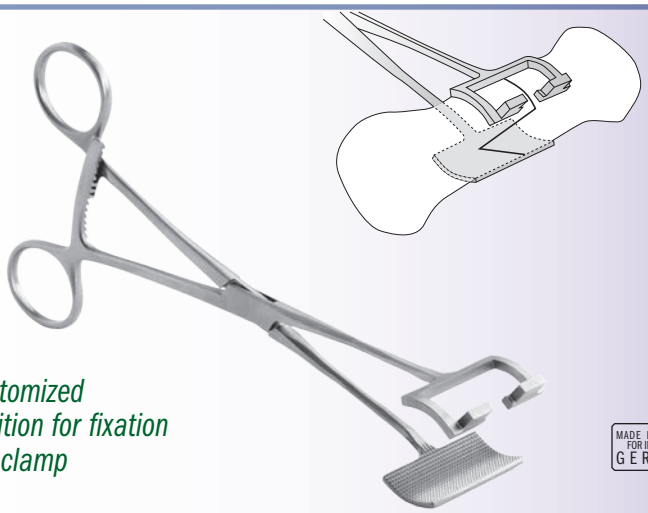
Vaughan Endzone Retractor

Designed by Roderick Vaughan, MD

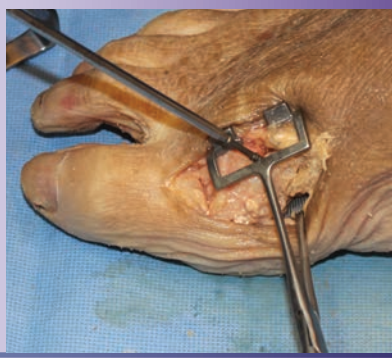
Designed for use when placing the end screws while plating a fracture using a minimally invasive technique

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.





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)*



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

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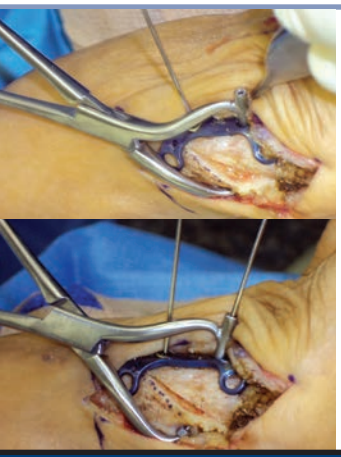


Ludloff/Mau Osteotomy Fixation Clamp

Designed by A. Austin

Used after lateral hallux valgus correction of the metatarsal, the clamp allows for osteotomy fixation and cannulated screw guide wire direction

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

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

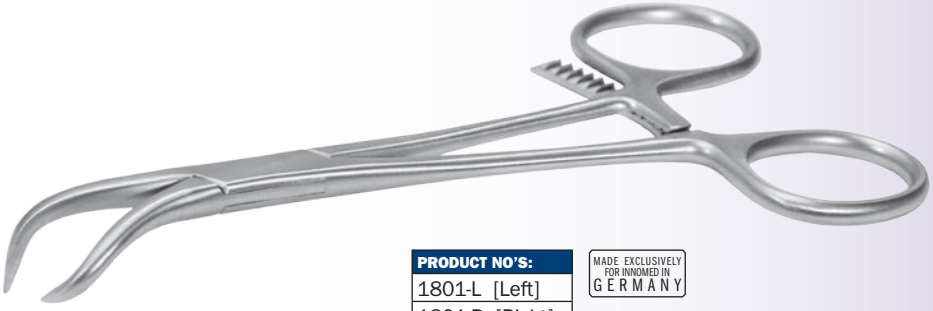
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Calvo Medial Malleolus Fracture Clamp

Designed by Ignacio Calvo, MD

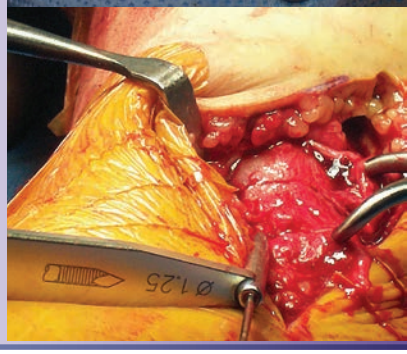
Designed to reduce and hold a displaced medial malleolus fracture

Also very useful in olecranon fractures.



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

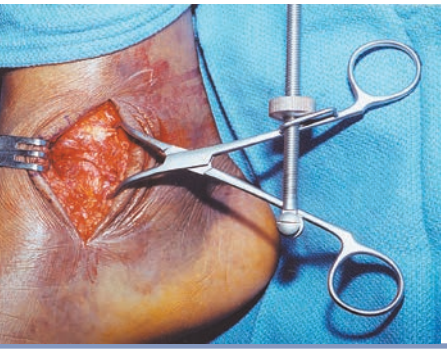
MADE EXCLUSIVELY FOR INNOMED IN GERMANY



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"*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

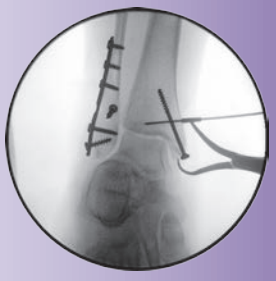
Teurlings Medial Malleolar Clamp with Wire Guide

Designed by Luc Teurlings, MD

Helps to stabilize the medial malleolar fragment during internal fixation

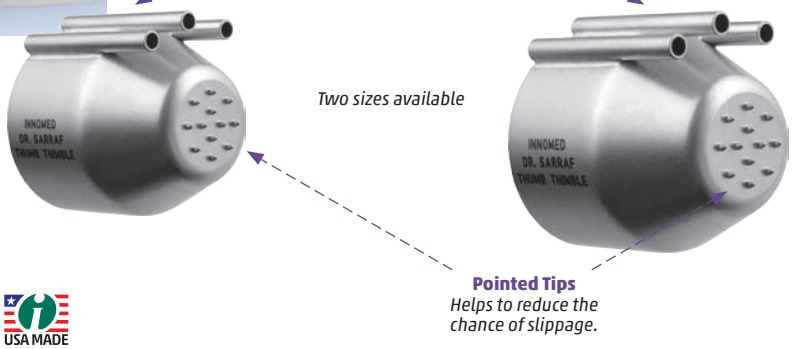
PRODUCT NO:
1803 *Cannula Diameter: .062" (1.6 mm)* *Overall Length: 5.25" (13,3 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Sarraf Fracture Reduction Thimble

Helps to hold bone fragments in place during fixation

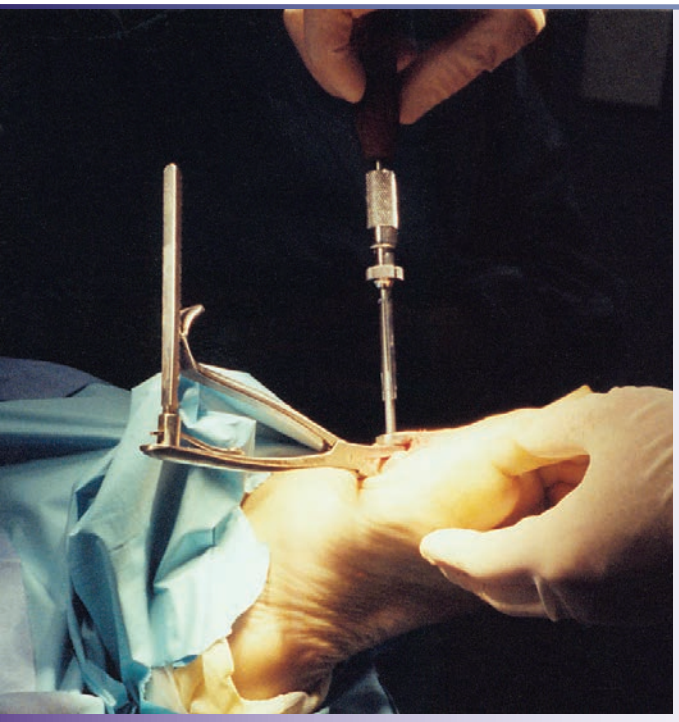


Provides the surgeon with an instrument for maintaining a fracture fragment in the appropriately reduced position during application of K-wires. Helpful in osteoperotic bone that is not amiable to forced reduction using reduction clamps. The wire guides help to aim the K-wire, with three positions for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

Designed by Khaled M. Sarraf, MD

PRODUCT NO'S:
2290 [22 mm] *Overall Length: 1.185" (3 cm)* *Guides Accept K-wires Up To: .078" (2 mm)*
2291 [26 mm] *Overall Length: 1.185" (3 cm)* *Guides Accept K-wires Up To: .078" (2 mm)*

USA MADE



O'Brien Bone Clamps

Designed by Todd O'Brien, DPM

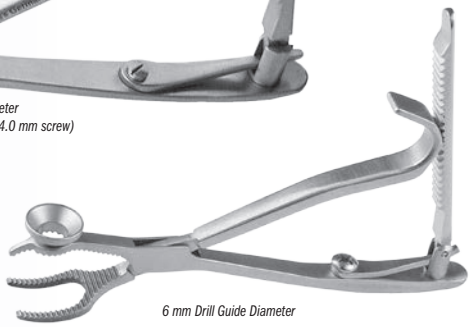
Designed for use in stabilization of a fracture or osteotomy

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

Integrated drill guide and bone diameter gauge

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

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



6 mm Drill Guide Diameter

PRODUCT NO'S:
1890-02 [Large] *Drill Guide Diameter: 10 mm* *(accomodates up to 6.5 mm screw)* *Calibrated from 12 mm to 40 mm* *Overall Length: 9.25" (23,5 cm)*
1890-01 [Small] *Drill Guide Diameter: 8 mm* *(accomodates up to 4 mm screw)* *Calibrated from 8 mm to 30 mm* *Overall Length: 6" (15,2 cm)*
1890-XSM* [Extra Small] *Drill Guide Diameter: 6 mm* *Overall Length: 4" (10,2 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

* USA MADE

O'Brien Bone Clamp

Designed by Todd O'Brien, DPM

Designed for use in stabilization of a fracture or osteotomy

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

USA MADE

OrthoLucent™ O'Brien Bone Clamp

Designed by Todd O'Brien, DPM

Designed for use in stabilization of a fracture or osteotomy

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

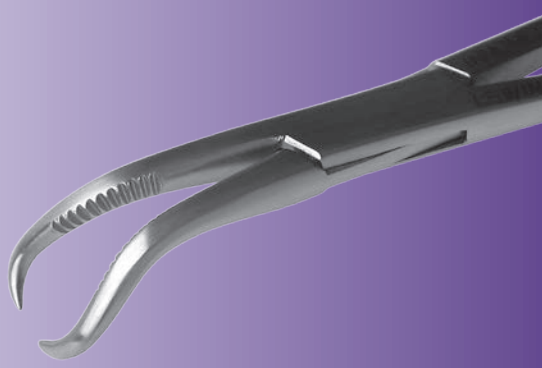
PRODUCT NO:
1815-R *Overall Length: 5.25" (13,3 cm)*

MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

Lewin Small Bone Clamp

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

USA MADE



Fracture Reduction Pick

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

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

USA MADE

Durham Bone Reduction Clamps

Designed by Alfred A. Durham, MD

Allows application of a bone plate without removing the reduction clamp

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

PRODUCT NO'S:
3652 [Standard] *Overall Length: 7.375" (18,7 cm)*
3652-01 [Large with Speedlock] *Overall Length: 9.25" (32,5 cm)*

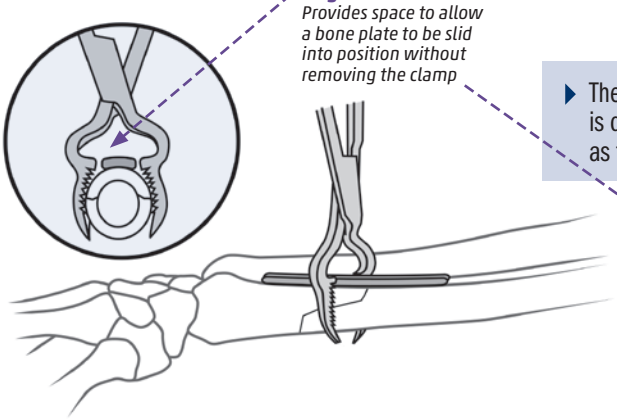
USA MADE

- The ***standard clamp*** is designed for medium size bones such as the fibula, ulna, and radius

Standard

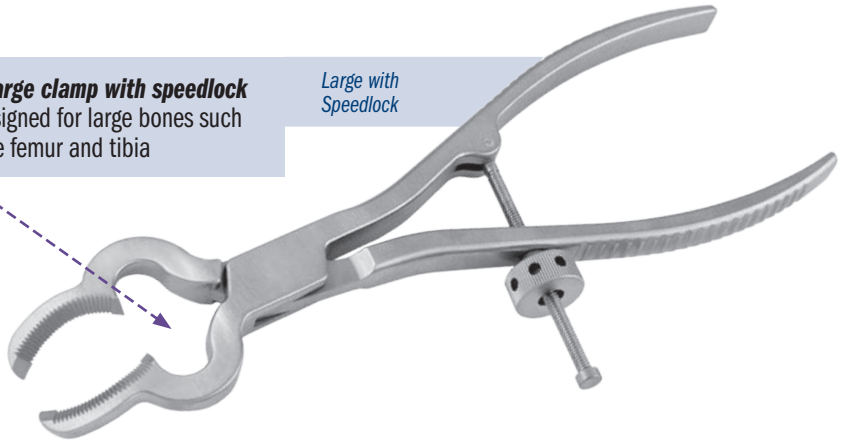
New!

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



- The ***large clamp with speedlock*** is designed for large bones such as the femur and tibia

Large with Speedlock



USA MADE

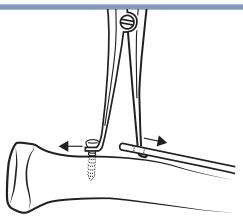
PRODUCT NO:
1882 *Overall Length: 7" (17,8 cm)*

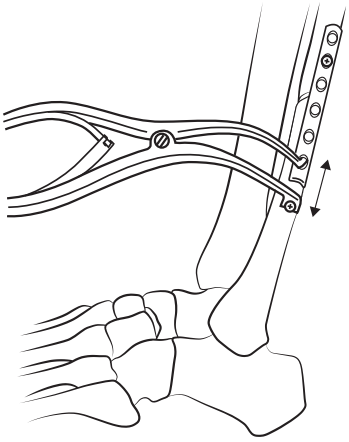
A 3.5 mm screw is temporarily placed above a plate, providing a source of leverage for the screw holding end of the distractor. The curved peg-shaped tip is then placed into a hole in the bone plate, and the distracter is activated to bring the bone back to its proper length before fixation.

Wixted Fracture Distactor

Designed by John J. Wixted, MD

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





New!

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

Hendren Neuroma Retractor

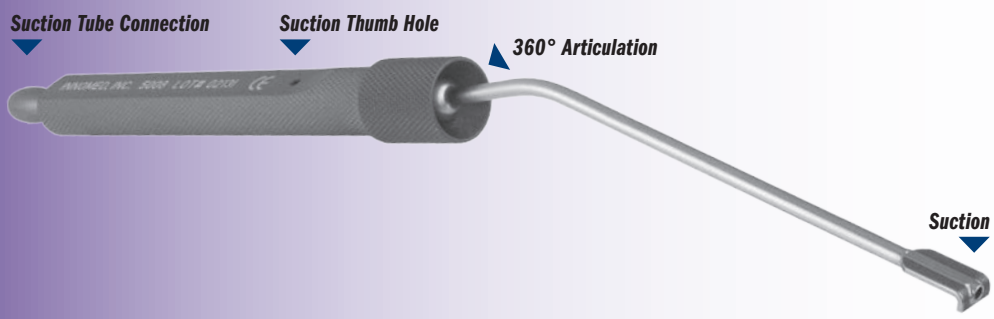
Designed by Douglas H. Hendren, MD

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)*

USA MADE



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

PRODUCT NO:
5008 *Overall Length: 9.375" (23,8 cm)* *Arm Length: 4.25" (10,8 cm)*

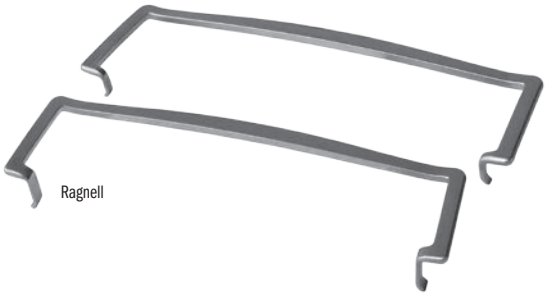
USA MADE

U.S. Patent #7226413B2

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


Ragnell

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*


Senn

Forward Senn Retractors

PRODUCT NO:
4520 [Shallow w/Teeth]

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*

USA MADE


Rake

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)*	
1592-R *8 mm Blade, Deep Bent* *Overall Length: 7" (17,8 cm)*	1595-R *6 mm Blade* *Overall Length: 6.875" (17,5 cm)*
1593-R *8 mm Blade, Bent* *Overall Length: 7" (17,8 cm)*	1597-R *16 mm Blade* *Overall Length: 6.875" (17,5 cm)*
1594-R *8 mm Blade* *Overall Length: 6.875" (17,5 cm)*	1596-R *8" Extender* *Overall Length: 8" (20,3 cm)*

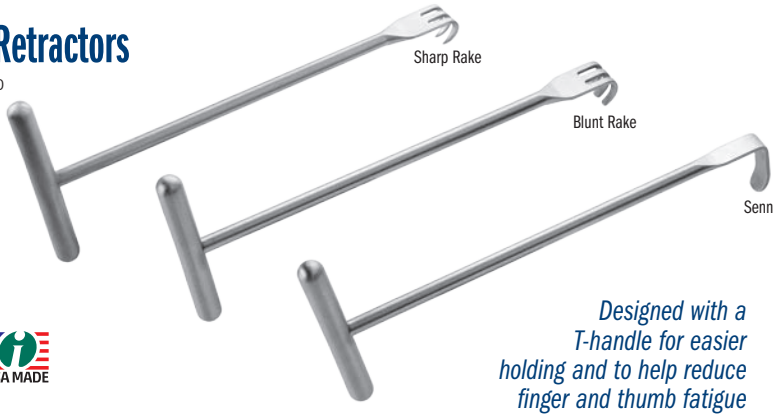
USA MADE

Chung T-Handle Retractors

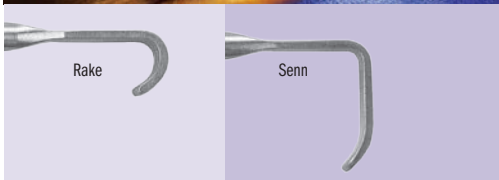
Designed by Raymond Chung, MD

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*

USA MADE



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*

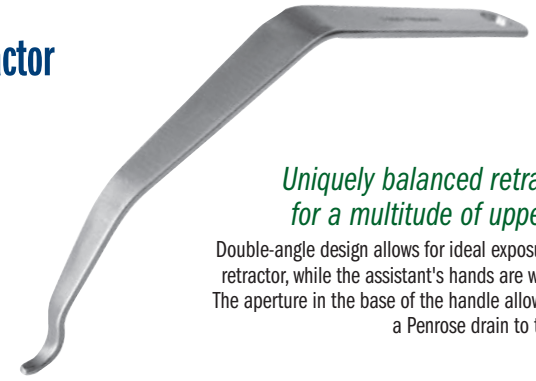
USA MADE

J.B. Redler Retractor

Designed by M.R. Redler, MD

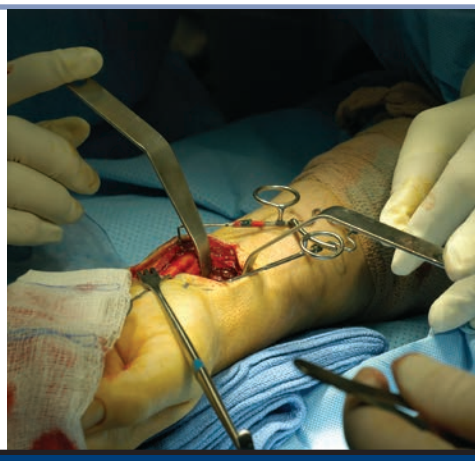
PRODUCT NO:
1645 *Overall Length: 5" (12,7 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



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

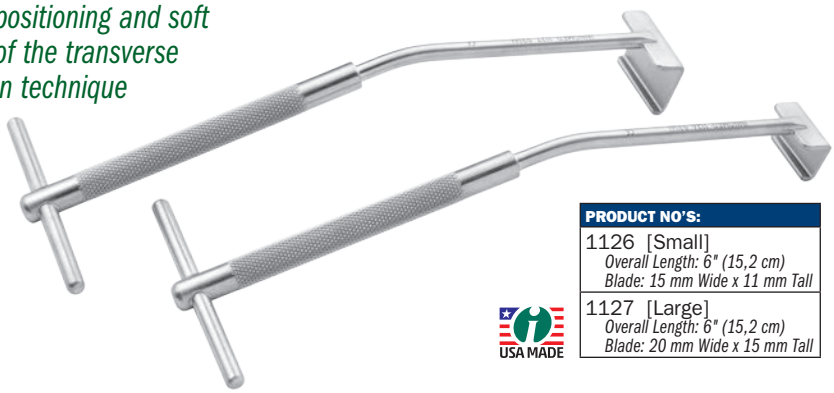
Double-angle design allows for ideal exposure with minimal effort to hold the retractor, while the assistant's hands are well out of the way of the exposure. The aperture in the base of the handle allows the retractor to be attached via a Penrose drain to the table for hands-free approach.



Kakar Carpal Tunnel Retractors

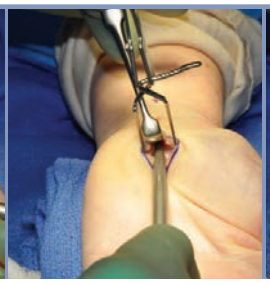
Designed by Sanj Kakar, MD

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*

USA MADE



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.

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

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

USA MADE

Sleeve

Blade Advancer with Blade (Blade not included)

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

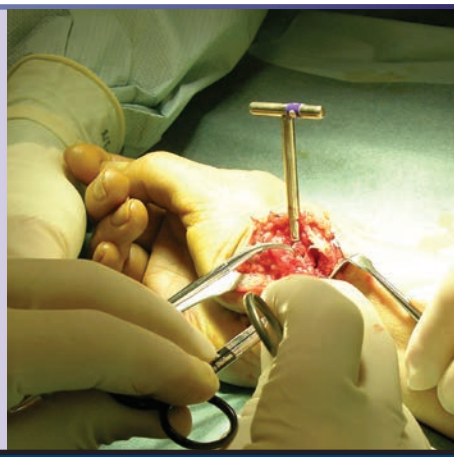
Designed by John D. Lubahn, MD

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 additionaly 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

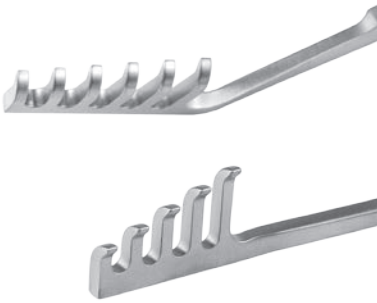


Holiday Self-Retaining Carpal Tunnel Retractor

Designed by Allan Holiday, MD

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

USA MADE



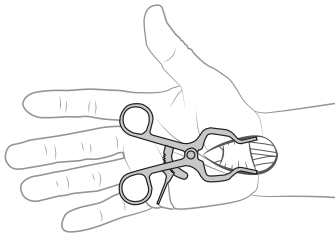
Burgess Carpal Tunnel Retractor

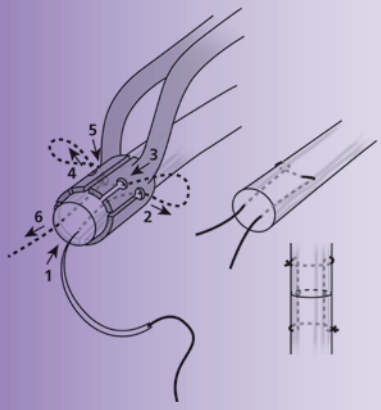
Designed by Kraig Burgess, DO

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*

USA MADE





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)*

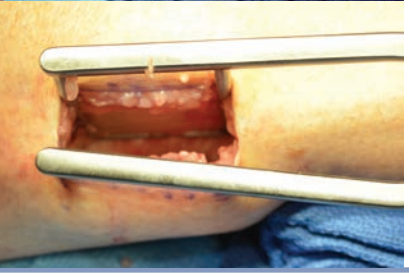
USA MADE

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 INNOMED IN GERMANY

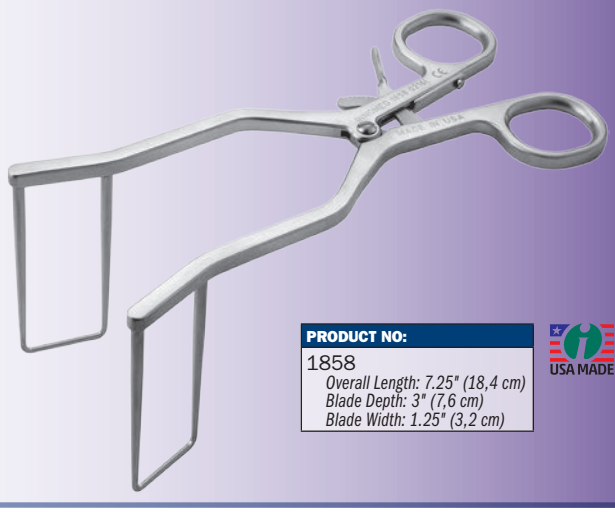


Desai Clearview Open Blade Self-Retaining Retractor

Designed by Sarang Desai, DO

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

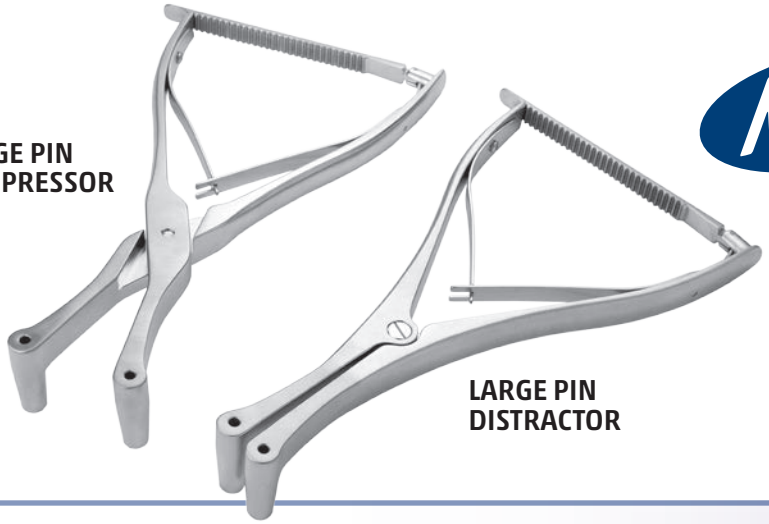
Tapered blades allows 90° deep soft tissue retraction and easy insertion into the wound. The open blades also allow surgeon to work in open blade area, such as for gastroc recession surgery.



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

USA MADE

LARGE PIN COMPRESSOR



LARGE PIN DISTRACTOR

New!

Large Pin Distractor and Compressor

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

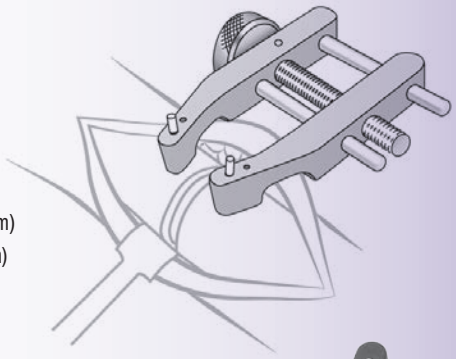
PRODUCT NO'S:
4233 [Large Pin Distractor] *Hole Diameters: For .125" (3,2 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*
4234 [Large Pin Compressor] *Hole Diameters: For .125" (3,2 mm) K-wire Pins* *Overall Length: 8" (20,3 cm)*

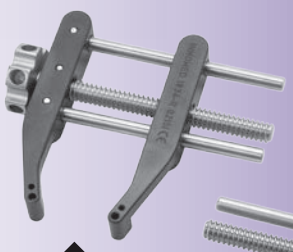
USA MADE

HFD Compressor/Distractor

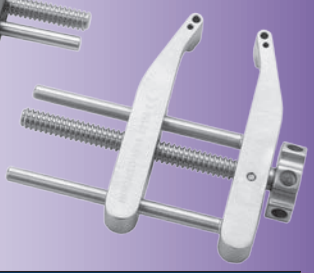
Dial mechanism helps allow precise control of inserted wires– for maintaining a position, compressing or distracting

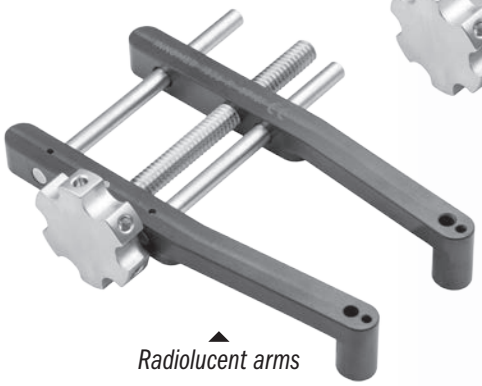
- A .125" (3,2 mm) pin can be used in the holes of the thumbwheel for leverage
- Small: Two hole sizes allow for ease of pin size selection: .045" (1,1 mm) & .062" (1,6 mm)
- Large: Two hole sizes allow for ease of pin size selection: .062" (1,6 mm) & .125" 3,2 mm)
- Radiolucent arms are a steam sterilizable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





Radiolucent arms





Radiolucent arms

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

USA MADE

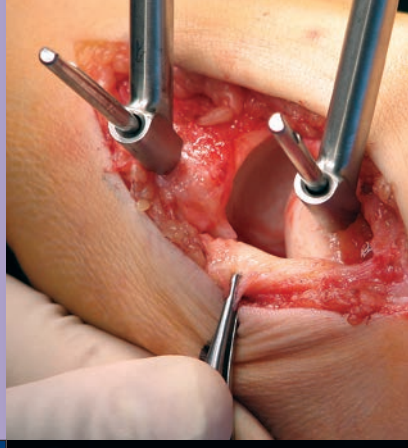
Small Bone Compressor/Distractor

Designed by Richard Wittock, 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.



MADE EXCLUSIVELY FOR INNOMED IN GERMANY

* USA MADE

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]	

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.

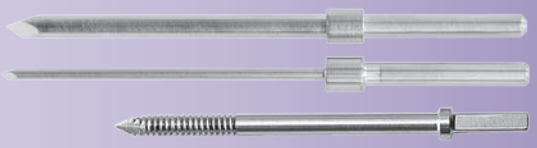
Can be used with the 1826 and 1826-01 Compressor/ Distractors, and any other compressor and/or distractor that can accept 1/8" (3.2 mm) pins.

USA MADE

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 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: 7 0 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*	

USA MADE

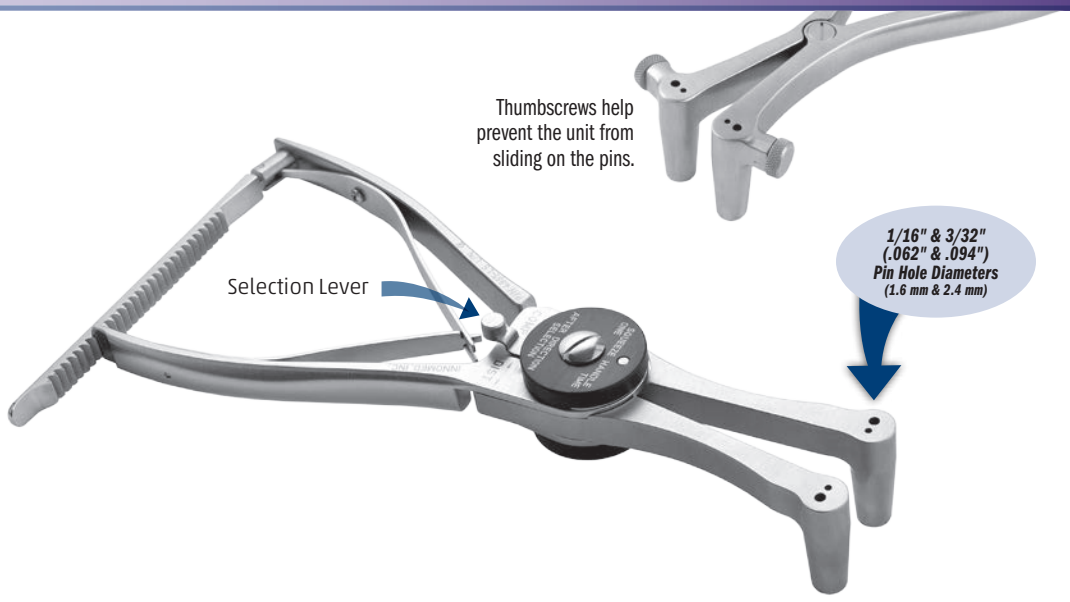
Joint, Calcaneal, and Small Bone Compressor/Distractor

Selection lever switches the mechanism from compression to distraction

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

PRODUCT NO'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*

USA MADE



Joint, Calcaneal and Small Bone Distractors

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

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

USA MADE

LARGE
Outspread and Closed Arms

SMALL
Outspread and Closed Arms

EXTRA SMALL
Closed Arms only

Joint, Calcaneal and Small Bone Distractors with Thumbscrews

Thumbscrew Modification Designed by Kelly McCormick, MD

Thumbscrews help prevent the unit from sliding on the pins

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

USA MADE

WITH THUMBSCREWS
Large and Small, Outspread and Closed Arms

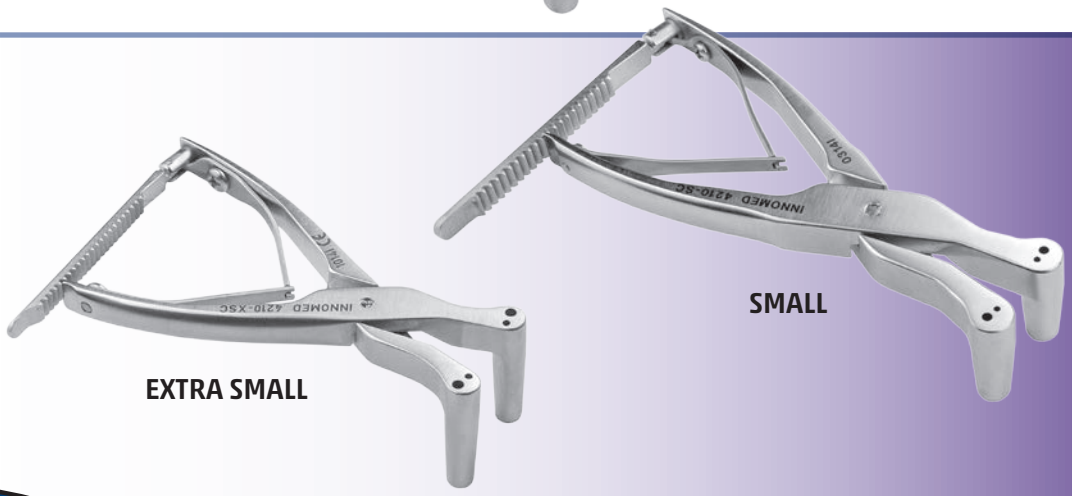
Joint, Calcaneal, and Small Bone Compressor

Designed for compression in fracture and osteotomy procedures

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

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

USA MADE



SMALL

EXTRA SMALL

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

Speed lock helps allow precise control and prevents unintended release

Two hole sizes allow for pin size selection.

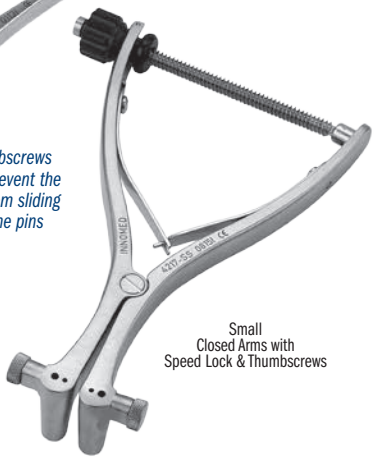
Large
Closed Arms with
Speed Lock

Small
Closed Arms with
Speed Lock

Extra Small
Closed Arms with
Speed Lock

Large
Outspread Arms with
Speed Lock & Thumbscrews

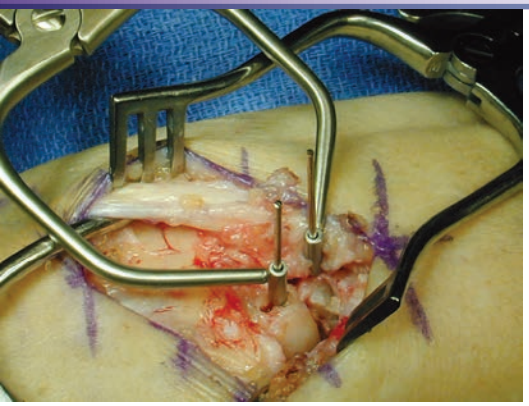
Thumbscrews help prevent the unit from sliding on the pins



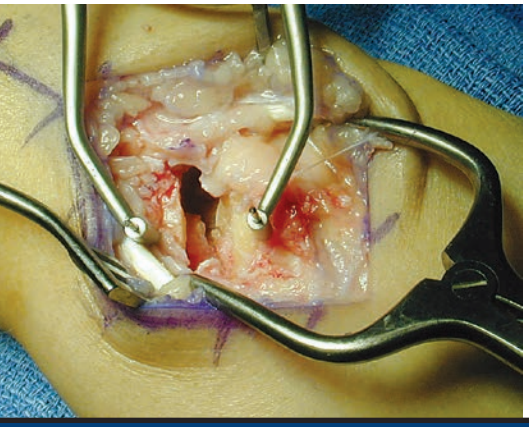
Small
Closed Arms with
Speed Lock & Thumbscrews

USA MADE

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



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

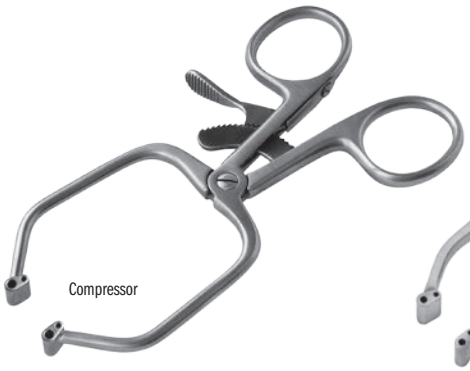


Wurapa Small Joint Compressor and Distractor

Designed by Raymond K. Wurapa, MD

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

Now available with two hole sizes on each instrument!



Compressor

Distractor

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

* USA MADE

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)*

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]

USA MADE

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)

Smooth pads

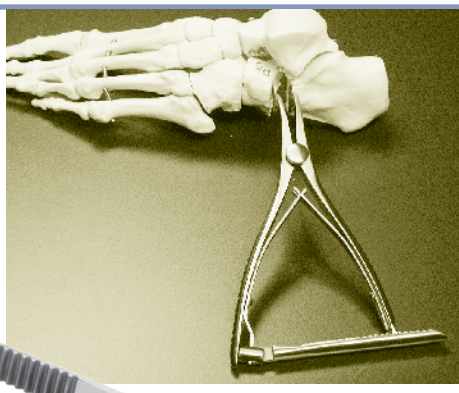
Grooved pads

Calcaneal Spreader

Designed by Michael Forness, DO

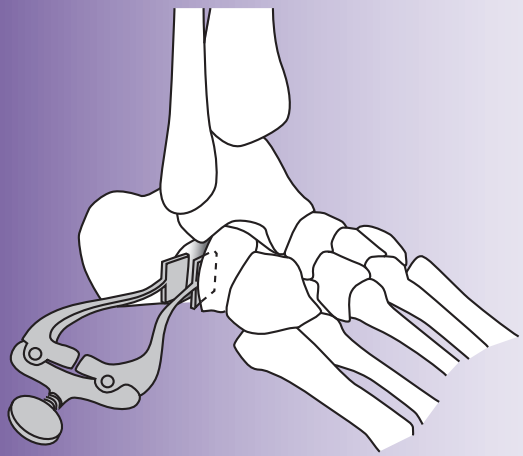
Separates the calcaneal osteotomized bone for placement of tricortical bone graft

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.



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

USA MADE



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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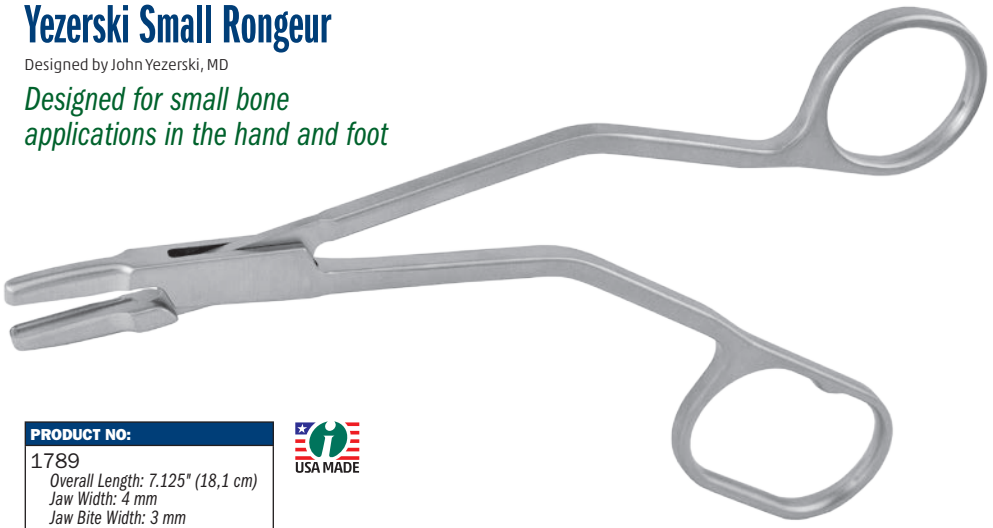
Yezerski Small Rongeur

Designed by John Yezerski, MD

Designed for small bone applications in the hand and foot



New!

PRODUCT NO:
1789 *Overall Length: 7.125" (18,1 cm)* *Jaw Width: 4 mm* *Jaw Bite Width: 3 mm* *Jaw Bite Length: 20 mm*

USA MADE

Macko Square Tipped Rongeur

Designed by Victor W. Macko, MD

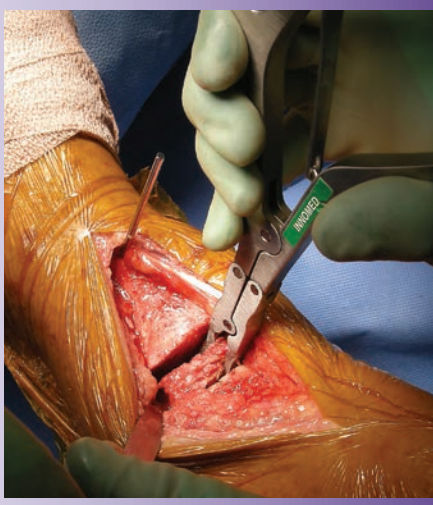
Three Jaw Sizes Available

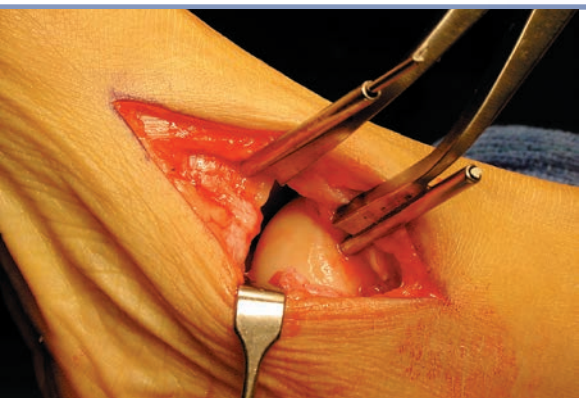
PRODUCT NO'S:
1778-01 *Jaw Bite: 5 x 18 mm* *Overall Length: 10" (25,4 cm)*
1778-02 *Jaw Bite: 7 x 18 mm* *Overall Length: 10" (25,4 cm)*
1778-03 *Jaw Bite: 10 x 18 mm* *Overall Length: 10" (25,4 cm)*

USA MADE

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.





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.

Weinraub Joint and Calcaneal Spreader

Designed by Glenn M. Weinraub DPM, FACFAS

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

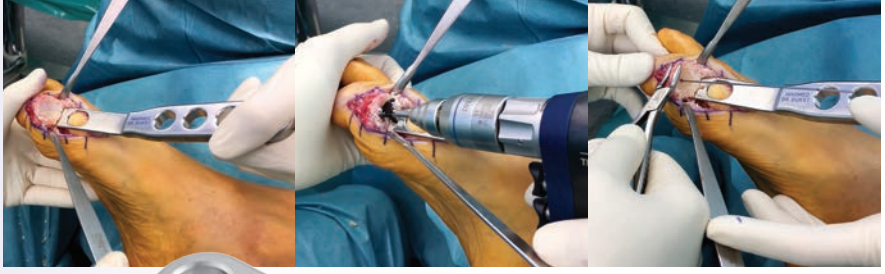
PRODUCT NO'S:	
Overall Length: 7" (17,8 cm)	
1870	*Up to .062" (1/16") (1.6 mm) Pin Diameter*
1872	*Up to .11" (7/64") (2.8 mm) Pin Diameter*

Durst Arthrodesis Retractor Set

Designed by Heiko Durst, MD

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

New!



Metatarsal Retractor

One-step preparation and retraction of soft tissue around the head of the 1st metatarsal when performing arthrodesis of the MTP joint

Phalangeal Retractor

One-step preparation and retraction of soft tissue around the base of the proximal phalanx of the big toe when performing arthrodesis of the MTP joint

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

USA MADE

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*

USA MADE

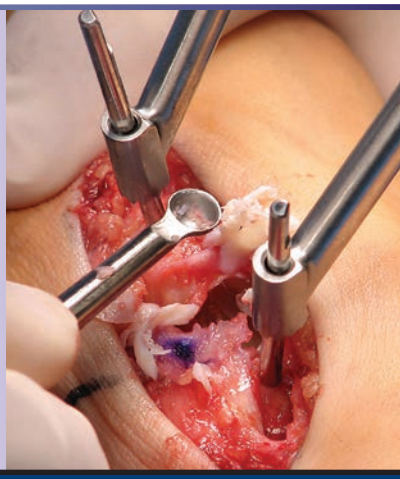
Hemisphere Curettes

Designed by Richard Wittock, DPM and Rob Baglio, DPM

Designed for small joint surgery

PRODUCT NO'S:
5345 *Overall Length: 5.75" (14,6 cm)* *Curette Diameter: 5 mm*
5347 *Overall Length: 5.75" (14,6 cm)* *Curette Diameter: 7 mm*
5349 *Overall Length: 5.75" (14,6 cm)* *Curette Diameter: 9 mm*

USA MADE

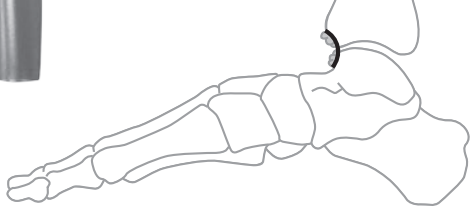


Anderson Talar Neck Osteotome

Designed by John Anderson, MD

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

Three Widths Available



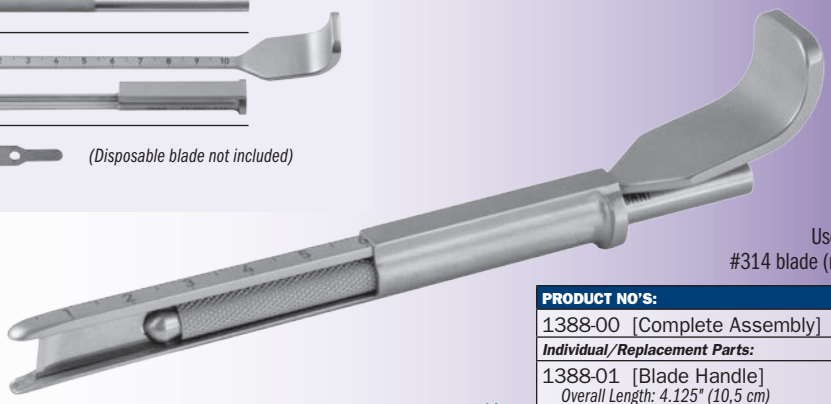
PRODUCT NO'S:		
5075 *Osteotome Width: 17 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: 4.5" (11,4 cm)*	5075-50 *Osteotome Width: 12.7 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: 4.5" (11,4 cm)*	5075-75 *Osteotome Width: 9.5 mm* *Overall Length: 9.875" (25,1 cm)* *Handle Length: 4.5"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

USA MADE

Blade Handle

Probe *(With Depth Scale)* & Release Sleeve

#314 Blade (*8 mm Wide*) *(Disposable blade not included)*



O'Brien Probe Release Sleeve

Designed by Todd O'Brien, DPM

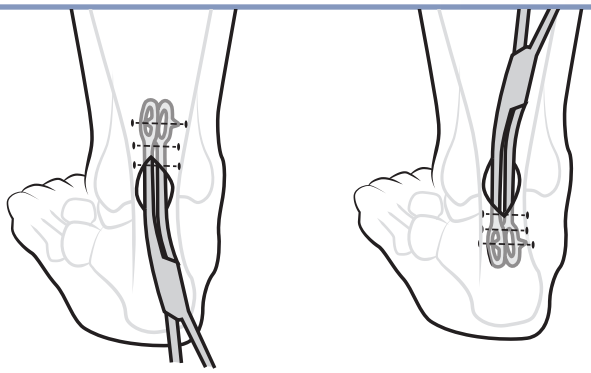
Designed for minimally invasive plantar fasciotomy surgery, and may also be used for minimally invasive neuroma decompression and minimally invasive gastroc recession

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)*	

USA MADE

Technique available on our website: www.innomed.net



Percutaneous Achilles Repair Forceps

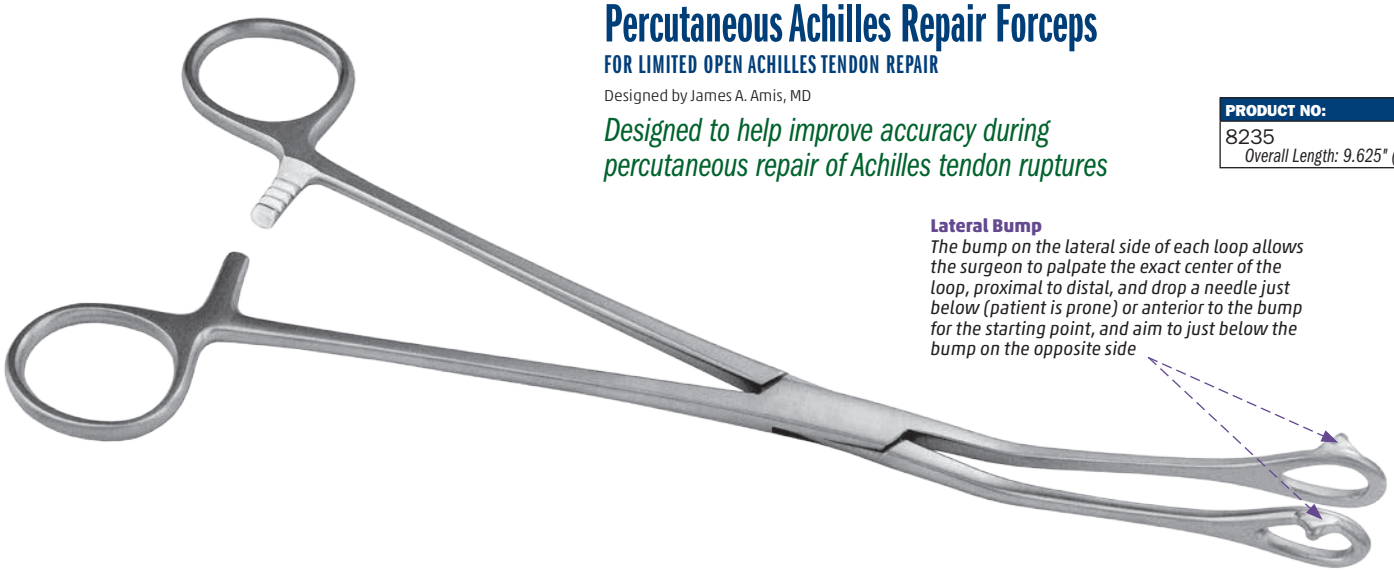
FOR LIMITED OPEN ACHILLES TENDON REPAIR

Designed by James A. Amis, MD

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

USA MADE

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



Lateral Bump

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

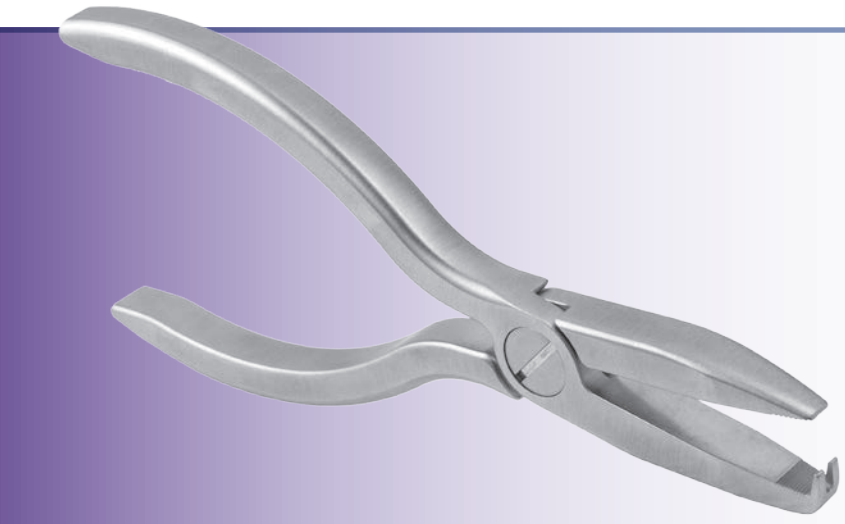
New!

Pin Puller - Small

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

PRODUCT NO:
3033 *Overall Length: 6.5" (16,5 cm)* *Jaw Width: 6,2 mm tapering to 3 mm at end* *Jaw Height: 11,7 mm*

USA MADE

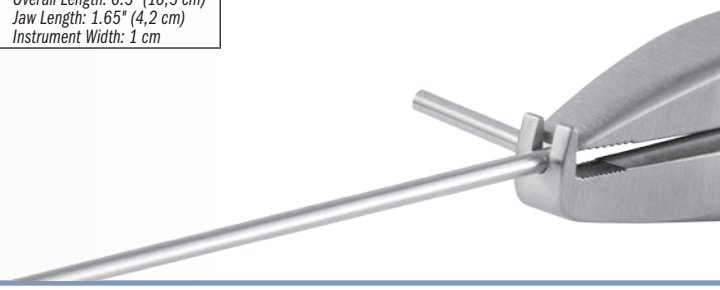


Stanton Bent Pin Removal Pliers

Designed by John Stanton, MD, FACS

PRODUCT NO:
1894 *Overall Length: 6.5" (16,5 cm)* *Jaw Length: 1.65" (4,2 cm)* *Instrument Width: 1 cm*

USA MADE



Argintar Claw Drill Guide Wire/Suture Passer

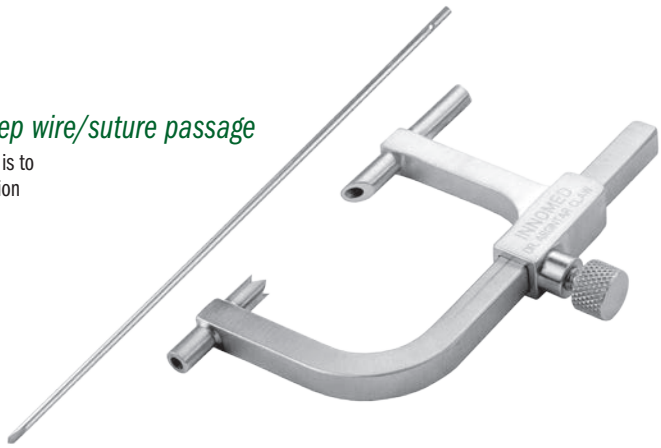
Designed by Evan Argintar MD

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)*

USA MADE



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")*

USA MADE

Sanders Pin Inserter

Designed by Richard Sanders, MD

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

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

USA MADE

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

Burgess Modified Pin Inserter

Design modification by Kraig Burgess, DO

A modified version of the Sanders Pin Inserter

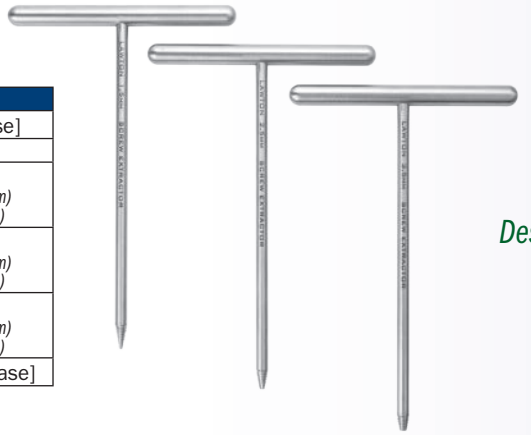
The two prongs on the end of the inserter help to gain a purchase in the bone to help prevent the unit from slipping.

PRODUCT NO:
3016 *Accepts k-wires up to: .054" (1,4 mm)* *Tube Length: 1.875" (47 mm)* *Overall Length: 4.5" (11,4 cm)* *Handle Length: 3.875" (9,8 cm)*

USA MADE

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

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

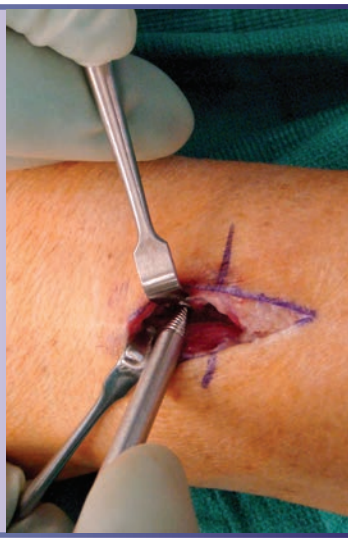


Lawton Screw Extractors

Designed by Jeffrey Lawton, MD

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

USA MADE



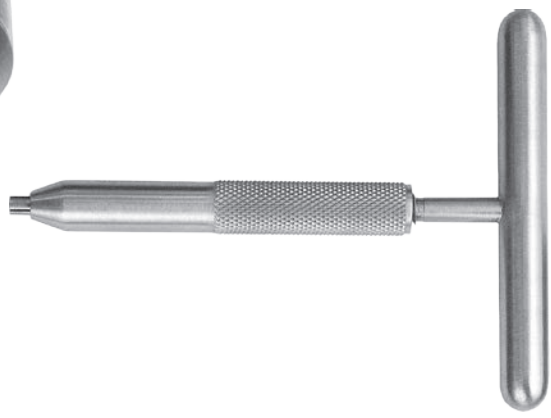
Lawton Broken Screw Extractor

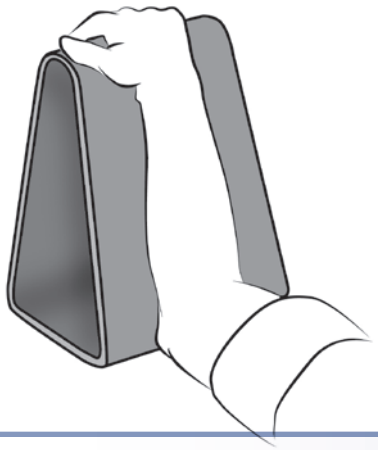
Designed by Jeffrey Lawton, MD

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

PRODUCT NO:
7653-04 *Overall Length: 4" (10,2 cm)* *Handle Width: 3" (7,6 cm)*

USA MADE





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 flouroscopy

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)*

USA MADE

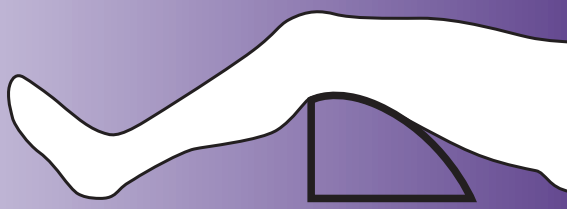
Lower Extremity Leg Positioner

Designed by Ronald Romanelli, MD

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

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

USA MADE



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)*

USA MADE

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.

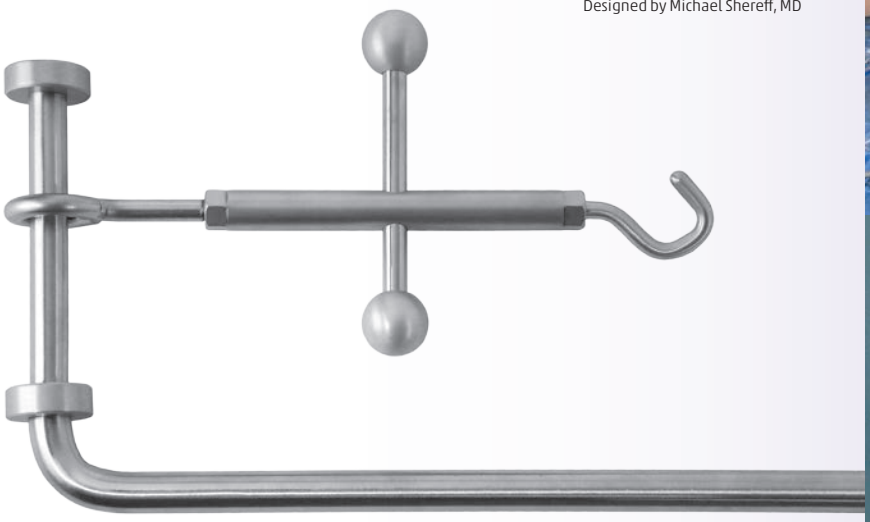
PRODUCT NO:
2040 *Base: 18.5" x 14.5" (47 cm x 36,9 cm)* *Height: Adjusts from 14" to 23.75" (35,6 cm to 55,3 cm)* *Foot Rest: 11" x 1.75" (27,9 cm x 4,4 cm)*

USA MADE

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]

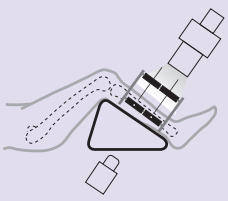
USA MADE

Fromm Femur & Tibia Triangles

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

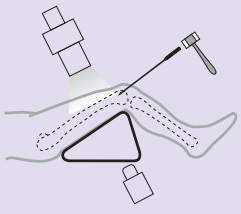
Designed by S.E. Fromm, MD *
Extra Small Triangle designed by S.E. Fromm, MD & Kenneth Merriman, MD

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.



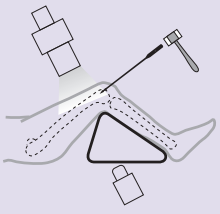
Tibia Reduced For:

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

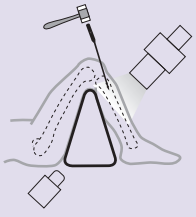


Retrograde Femoral Nailing

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)*
Replacement Parts:	
2760-P	[Silicone Pad]
2760-S	[Straps] *Package of 18*
8120-SP	[Straps for XS] *Package of 10*

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

USA MADE

Universal Screwdriver Set

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

PRODUCT NO'S:
5195 [Complete Set with Case]
Also sold individually:
5195-01 [Handle]
5195-02 [Straight (single slot)] *Large: 7 x 1.5 mm, Small: 5 x 1 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*
5195-08 [Small Star: #6 & #8] New!
5195-06 [Medium 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.

New!
SMALL STAR STYLE AVAILABLE

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

- small & large single slot
- cross & cruciate
- 3.5 mm & 4.5 mm hex
- small & large phillips
- #6 & #8 star
- #10 & #15 star
- #20 & #25 star

USA MADE

Star Bit Driver Set

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

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.

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

USA MADE

Trephine Tips

Cheng Screw Removal and Bone Trephine Set

Designed by Edward Cheng, MD

USA MADE

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.

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

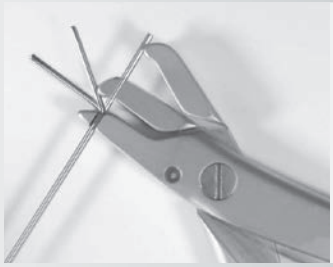
The K-Wire only needs to extend 20 mm from the skin surface to be bent.

PRODUCT NO:
2111
Overall Length: 6.5"

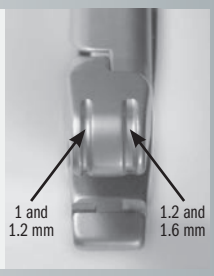
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Bending

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

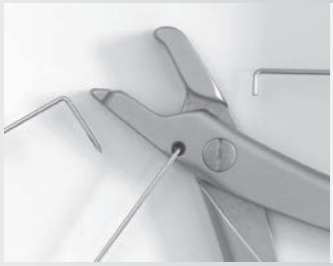


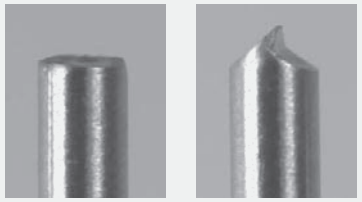
The right slot of the instrument's lower jaw can hold K-Wires with a diameter of 1.2 mm or 1.6 mm. The smaller left slot can hold K-Wires measuring 1 mm or 1.2 mm in diameter.



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.





Wire Bender

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

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

USA MADE

Protect your hands!

Radiation Attenuating Surgical Gloves

Powder-free gloves provide increased protection from direct x-ray beam and scattered radiation

Reduced Exposure
Lead-free, surgical gloves attenuate direct or scattered rays and are an environmentally friendly alternative to leaded gloves.

Freedom of Movement
Gloves are very thin—ONLY 0.007" THICK—to allow the greatest possible flexibility, dexterity, and sensitivity of touch while decreasing finger fatigue.

Natural Latex Free & Powder-Free
Reduced risk of natural rubber latex allergies.

Quality Guaranteed
All gloves are 100% tested for pin holes and leaks.

Applications
Fluoroscopy, Orthopedics, Radioisotope Handling, Cardiology, Radiology, Dental, Nuclear Medicine

Suitable for reducing harmful radiation exposure during any procedure requiring the use of fluoroscopy

Average Radiation Attenuation Levels Measured in the Direct Beam

Beam Quality	Aluminum Half Value Layer	Measured Attenuation
60 kVp	HVL = 2.3 mm	58.7%
80 kVp	HVL = 3.3 mm	49.9%
100 kVp	HVL = 4.3 mm	44.6%
120 kVp	HVL = 5.6 mm	40.6%

NOTE: Double gloving with conventional latex surgical gloves provides only 1% attenuation.
Levels are measured by a fixed filter equivalent: 2.5 mm Al

USA MADE

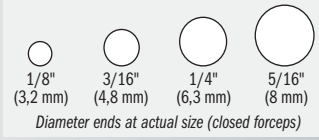
PRODUCT NO'S:	
5 PAIRS/PACK	*25 PAIRS/PACK*
7505-01 6.5	7505-02 6.5
7510-01 7.0	7510-02 7.0
7515-01 7.5	7515-02 7.5
7520-01 8.0	7520-02 8.0
7525-01 8.5	7525-02 8.5
7530-01 9.0	7530-02 9.0

Universal Bone Grafting/Impacting Forceps

Designed by J. A. Amis, MD

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

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



Diameter ends at actual size (closed forceps)

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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

Sarraf TiN Coated Cement Removal Forceps

Designed by Khaled M. Sarraf, MD

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

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

USA MADE

Stainless
Impactor Sizes

Delrin
Impactor Sizes

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.

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)*

USA MADE

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]

USA MADE

Zimmer Hall Quick-connect

Hudson Quick-connect

PRODUCT NO'S:
8248 [Zimmer Hall Quick-connect] *Overall Length: 5.75" (15,6 cm)* *Handle Width: 4.625" (11,6 cm)*
8249 [Hudson Quick-connect] *Overall Length: 6.75" (17,1 cm)* *Overall Length with Pin In Handle: 11.5" (29,2 cm)*

USA MADE

New!

Large T-Handle Fixed Drivers

Large easy grip soft silicone handled drivers help provide a sturdy non-slip grip

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)*

USA MADE

Soft Impact Mallet with Weidman Silicone Handle

Provides shock-absorbing force

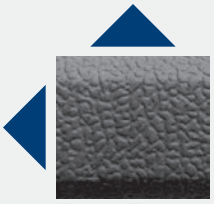
Ortho Mallets

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.

USA MADE

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

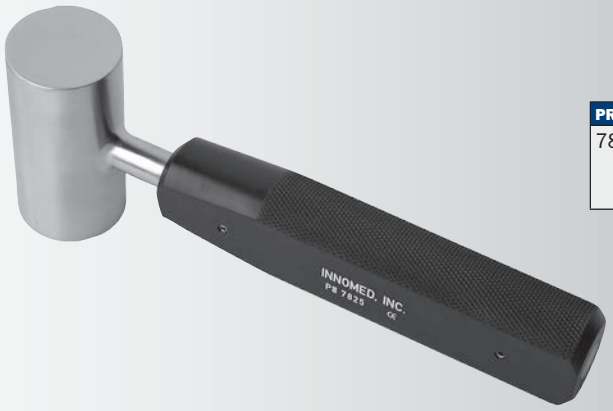
Comfortable grip helps prevent the surgeon's gloved hand from slipping and helps maintain a solid grip.

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)*

USA MADE

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)*

USA MADE

Beicker Curette Suction Device

New!

Designed by Clint Beicker, MD

Designed to help visualization of a fracture site within a fracture hematoma

Also useful for arthroscopic curettage of osteochondral lesions.

PRODUCT NO:
4231 [Small] *Overall Length: 10.5" (26,7 cm)* *Curette Cup: 7.5 cm x 5.5 cm*

USA MADE

Mengato Depth Gauge

New!

Designed by Richard Mengato, MD

Ring-handled design with 3 rings gives 3-point grip for ease of holding and manipulation

Allows for superior gauge control and manipulation, to advance, engage and maintain the hook on the distal cortex by levering the probe against the bone hole and keeping gentle tension on the hook.

PRODUCT NO:
1139 *Overall Length – Contracted: 7.125" (18,1 cm)* *Overall Length – Extended: 9.125" (23,2 cm)* *Gauge: 0 to 50 mm*

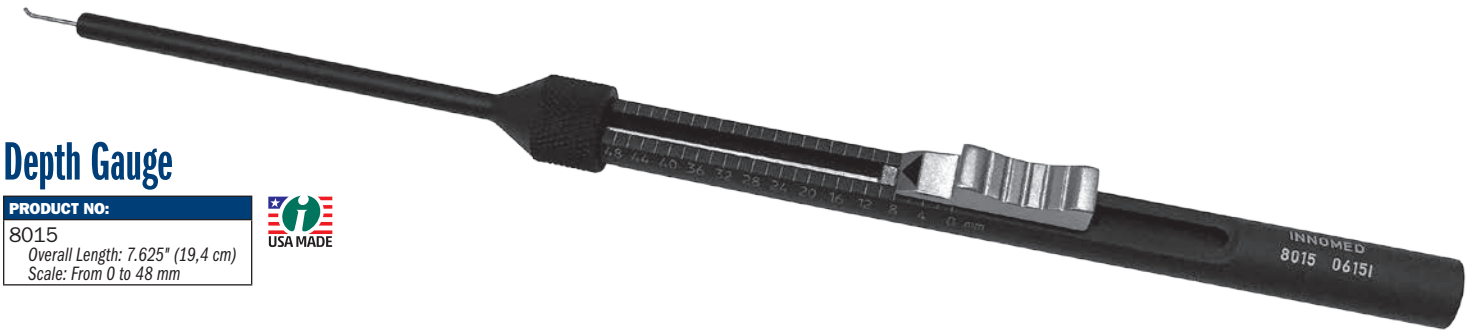
USA MADE

US Patent # 8,512,349

Depth Gauge

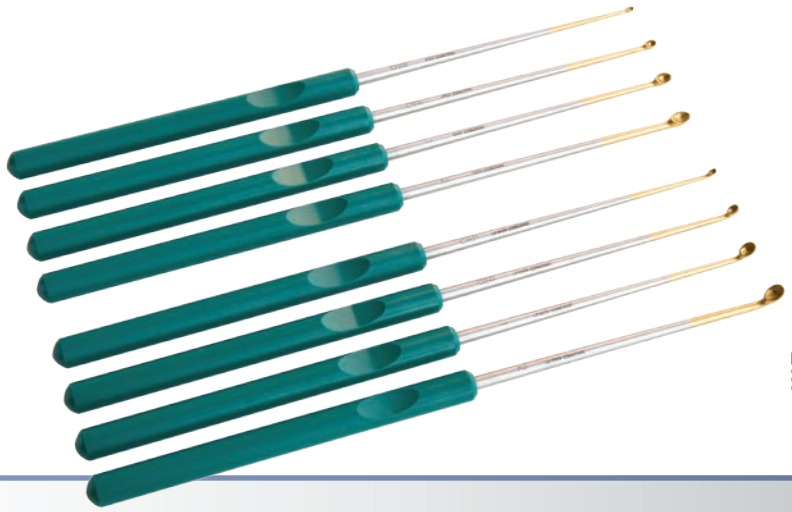
PRODUCT NO:
8015 *Overall Length: 7.625" (19,4 cm)* *Scale: From 0 to 48 mm*

USA MADE



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***

USA MADE

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*

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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*

MADE FOR INNOMED IN GERMANY

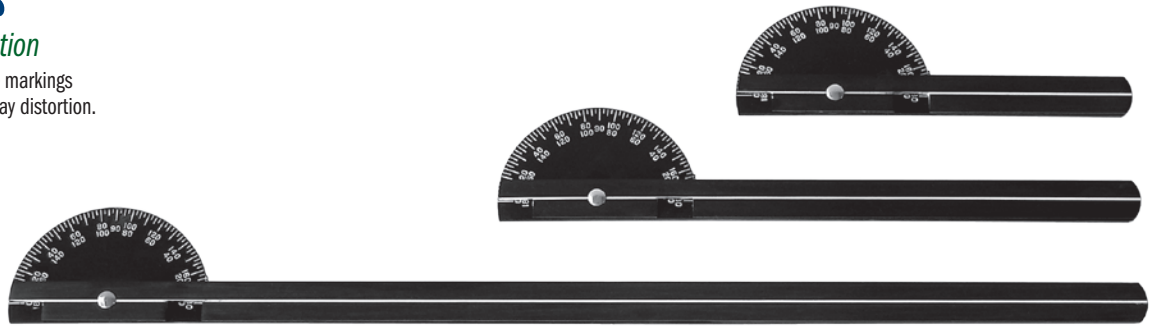
Radiopaque Goniometers

Designed for Angle Determination

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

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)*

USA MADE



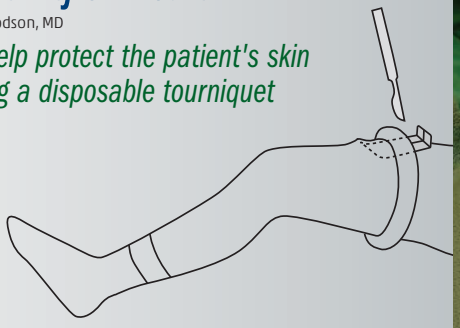
PRODUCT NO:
8628 *Overall Length: 4.75" (12,1 cm)* *Width: 1.5" (3,8 cm)* *Lip: .5" (1,3 cm)*

USA MADE

Dodson Extremity Skin Saver

Designed by Mark A. Dodson, MD

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

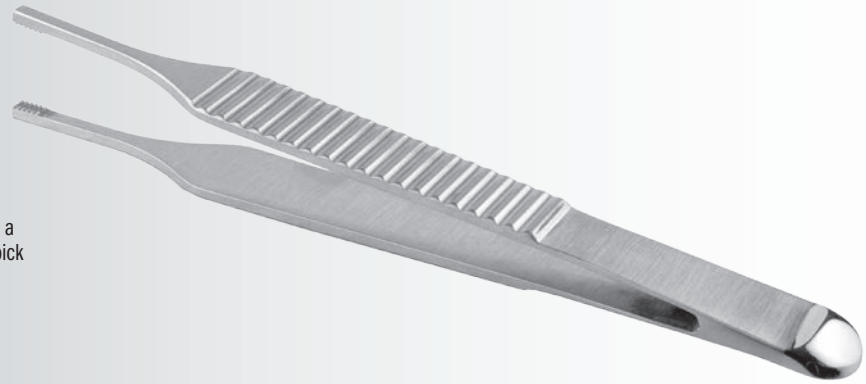


Adson Forceps with Cobb Elevator End

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)*

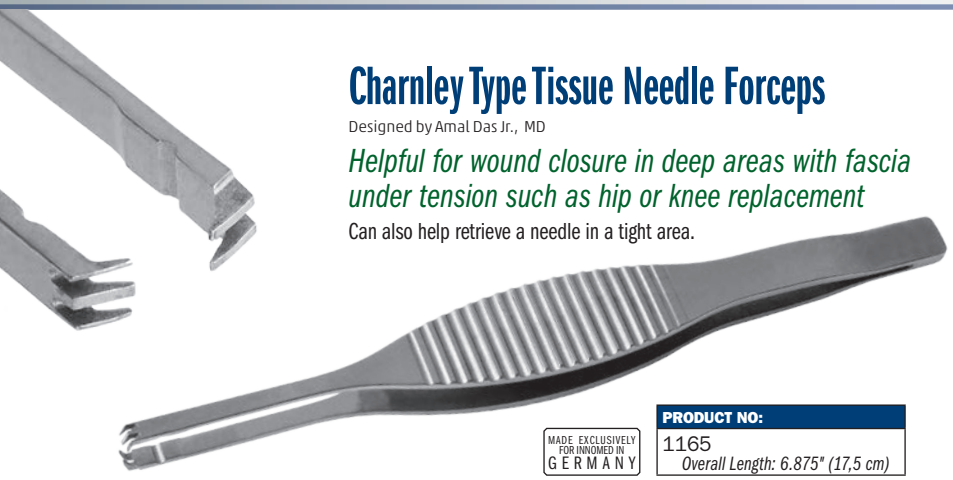
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Charnley Type Tissue Needle Forceps

Designed by Amal Das Jr., MD

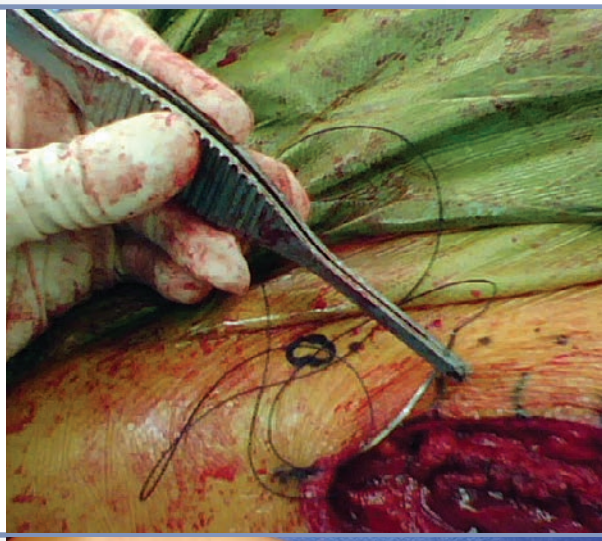
Helpful for wound closure in deep areas with fascia under tension such as hip or knee replacement

Can also help retrieve a needle in a tight area.



MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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

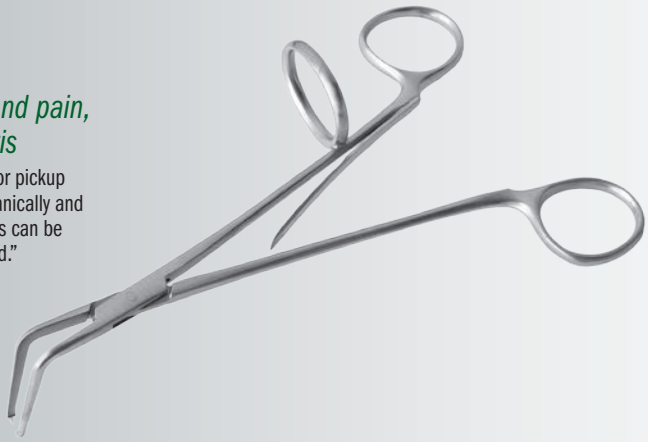


Freeman Forceps

Designed by Carl R. Freeman, MD

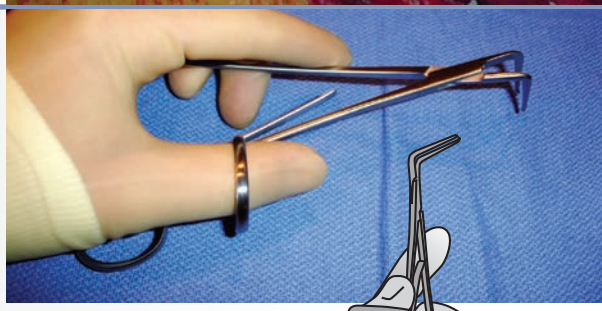
Designed to help with hand pain, fatigue, and hand arthritis

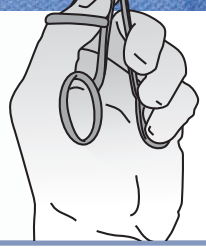
Allows surgeons to utilize a forceps or pickup type instrument using a more mechanically and ergonomically favorable grip. Forceps can be used with a full-hand grip or "palmed."



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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY





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)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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

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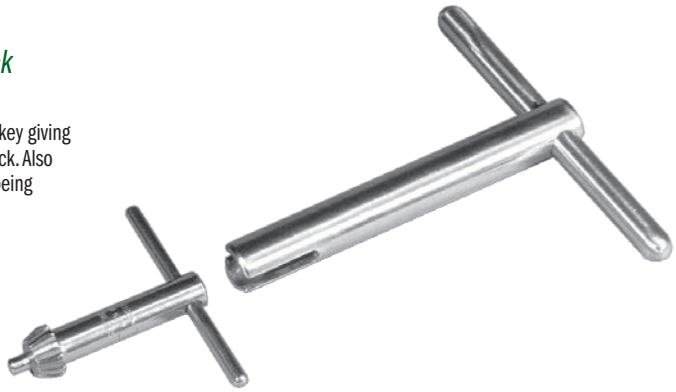
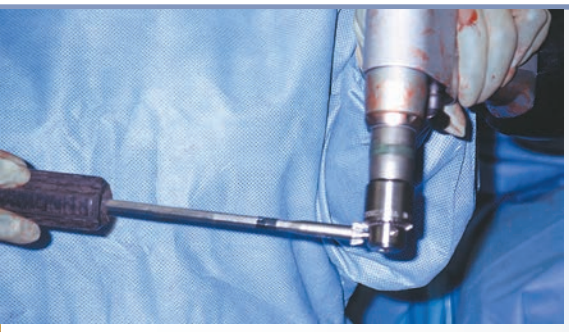




Large Handle Chuck Key

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)*

USA MADE

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

Sarraf Cement Trimmer

Designed by Khaled M. Sarraf, MD

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

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

USA MADE

Bozeman Cement Trimmer

Designed by Daniel M. Gannon, MD

Combines the two most common cement trimming tools into one

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

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

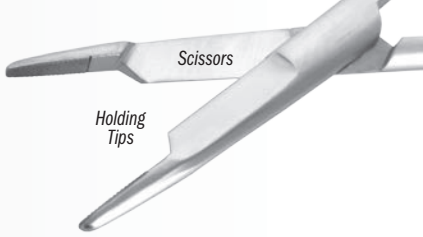
Longer sizes are helpful in orthopedics

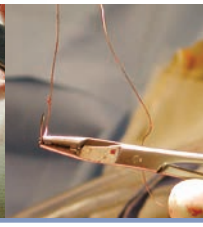
Orthopedic Needle Holder/Scissors

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)*

MADE FOR INNOMED IN GERMANY





Cannulated!

Cannulated Fracture Awl

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

USA MADE

PRODUCT NO:
8091 *Overall Length: 8" (20,3 cm)* *Handle Length: 3.3" (8,4 cm)* *Cannula fits wire up to: .062" (1.6 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

USA MADE

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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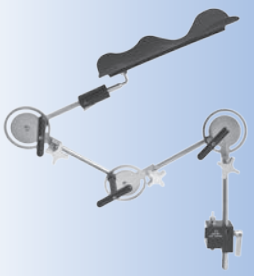
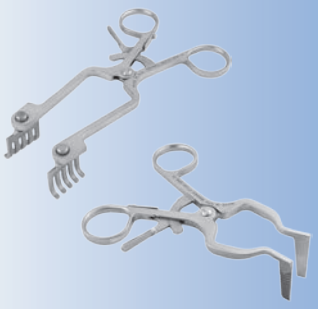
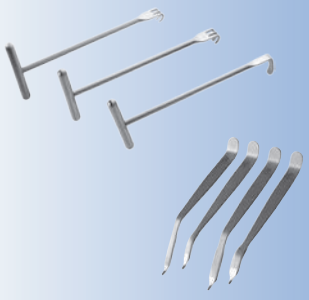
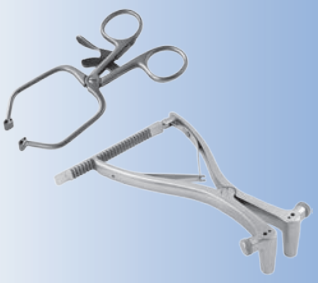
UPPER EXTREMITY Pages 2 - 57

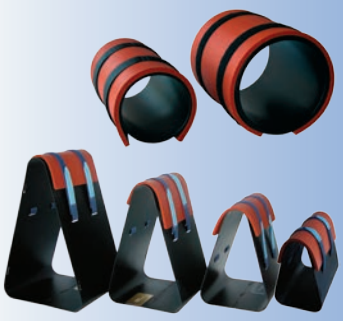


SMALL BONE Pages 36 - 61

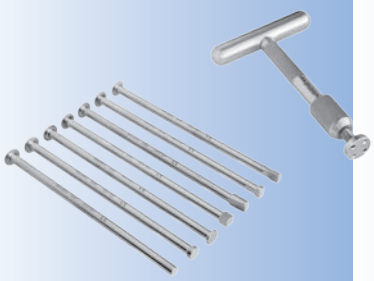


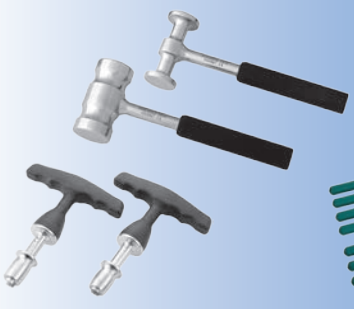


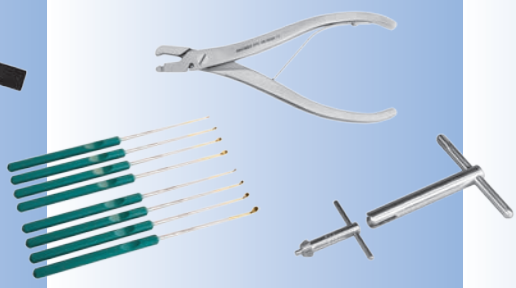


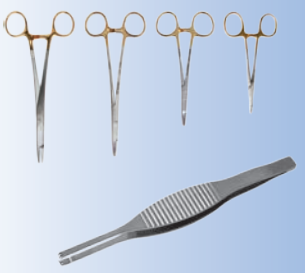


GENERAL ORTHOPEDIC Pages 62 - 70





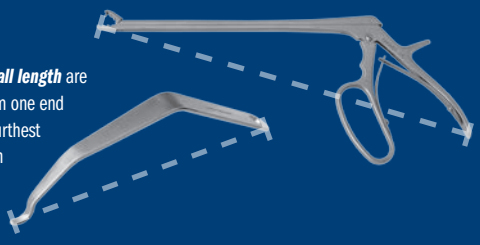


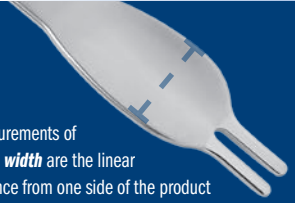


Measurements in this Catalog

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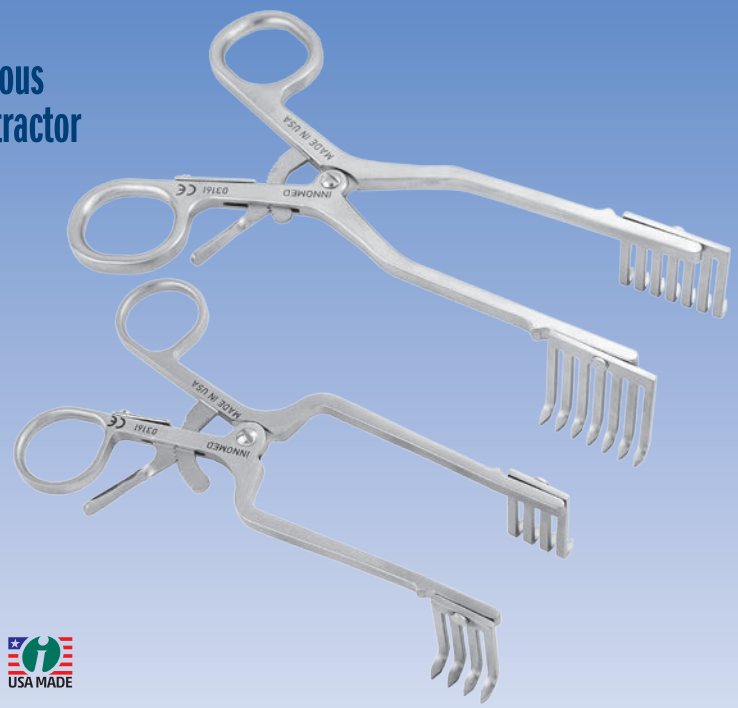
Free trial offer excludes implant extraction instruments, which are available as rentals. There is a pad replacement charge with the hip positioners.

08-17

Faillace Ambidextrous Self-Retaining Retractor

Designed by John J. Faillace, MD

New!



PRODUCT NO'S:
1579 [4 Teeth] *Overall Length: 6" (15,2 cm)* *Prong Depth: 38 mm* *Prong Width: 18 mm*
1580 [7 Teeth] *Overall Length: 7.5" (19,1 cm)* *Prong Depth: 38 mm* *Prong Width: 34 mm*

USA MADE

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