

INNOMED

ORTHOPEDIC INSTRUMENTS



2026

Non-Metallic Mallet
Page 90



featuring many *New!* instruments throughout

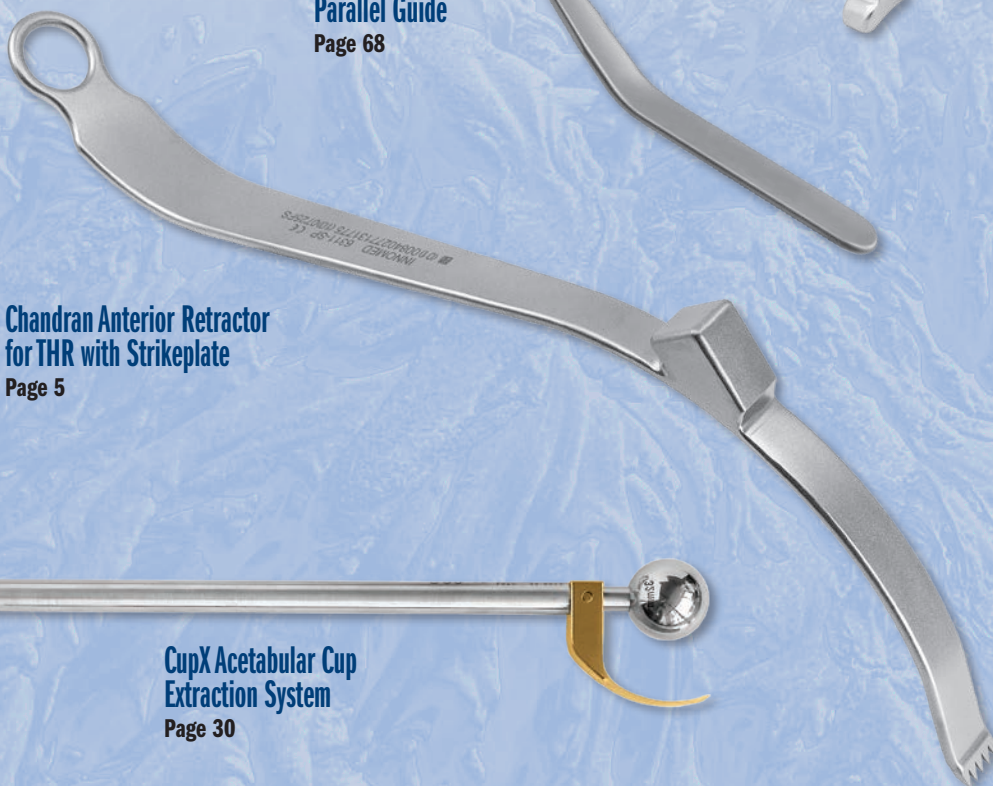
Lee MIS Bunion Parallel Guide
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Chandran Anterior Retractor for THR with Strikeplate
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Cherf Leg Holder
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COMPLETE CATALOG

1.800.548.2362



INNOMED.NET

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INSTRUMENT EVALUATION POLICY

All instruments are available for a no-charge 2-week evaluation (excluding extraction instruments—which are available to rent). There is a pad replacement charge with all Hip Positioners.

INSTRUMENT RENTAL

All Innomed, Inc. implant extraction instruments are available for rental on a per-case basis. Please call for more information.

INNOMED WARRANTY

One year for defective merchandise. Our instruments are designed for a specific purpose and should be used accordingly. Warranty is void if instrument has not been maintained properly or used for its intended purpose.

* Accuracy Statement for devices with a measuring function:

Devices with a measuring function are considered non-critical, non-calibrated, and are intended for reference-only measurements. While it provides a helpful visual guide for relative measurements, it is not calibrated to specific precision standards. Measurements taken with this device should not be considered accurate enough for critical applications requiring strict dimensional tolerances. General manufacturing tolerances of $\pm 1\%$ at each graduation, or 2% of the full scale apply, but no conformance qualifications are provided or implied.

Basic Anterior Approach Instrument Set

Chosen by Edward J. Whelan III, MD

A Basic Starter Set for the Direct Anterior Approach

Complete Set #6165-00
Also Available Individually



Includes (2) #6162 and (1) of each of the other instruments shown below

Whelan Large Anterior Hip Weitlaner Retractor with Ergonomic Handle

Designed by Edward J. Whelan, III, MD



Sharp #1576-S



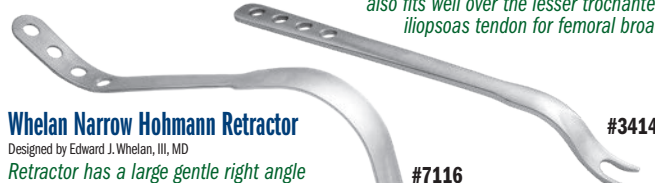
Blunt #1576-B

Designed for self-retaining exposure during anterior approach THA

Whelan Femoral Neck Elevator

Designed by Edward J. Whelan, III, MD

Elevator has long tines to rest on the stronger bone at the base of the neck and calcar, and also fits well over the lesser trochanter and iliopsoas tendon for femoral broaching



#3414

Whelan Narrow Hohmann Retractor

Designed by Edward J. Whelan, III, MD

Retractor has a large gentle right angle curve with sharp tip, for retraction of structures anterior to the acetabulum in the anterior approach to total hip



#7116

Modified Anterior Hip Retractor

Trochanteric Retractor helps to expose femoral canal and helps protect gluteal muscles



#6422

Modified Deep Hohmann Retractor

Can be placed inside the capsule to help expose femoral neck for release and removal
Concave blade helps to expose the femoral canal in smaller patients if the offset of P/N 6422 is too large.

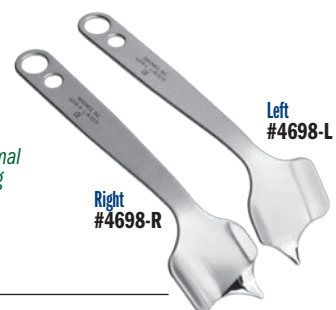


#6162

O'Reilly Direct Access Anterior Broaching Retractor

Designed by Michael P. O'Reilly, MD

Designed for use in obtaining improved proximal exposure for femoral canal preparation during minimally invasive direct anterior THA



Left #4698-L

Right #4698-R

Single Prong Soft Tissue Retractors

Helpful in anterior hip arthroplasty



Standard #6450

Standard with Short Tip #6450-03

Extra Deep #6450-01

Extra Deep with Short Tip #6450-04

Straight Tip #6450-02

Single Prong Acetabular Retractors

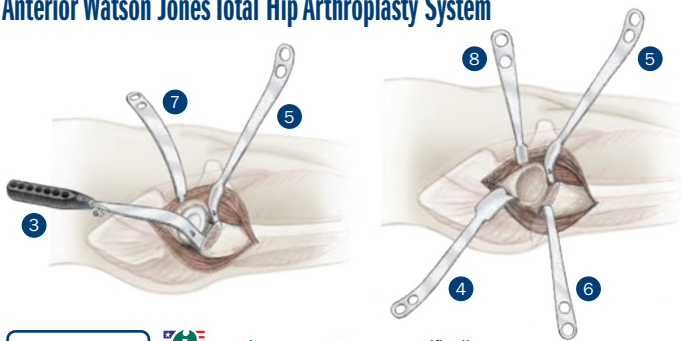
Helpful in anterior hip arthroplasty



Standard #6570

Extra Deep #6570-01

Anterior Watson Jones Total Hip Arthroplasty System



Set #6300-00
Also Available Individually



Instrument system specifically designed for Direct Anterior approach THR

- 1 Awl - Left #6301-L
- 2 Awl - Right #6301-R

- 3 Lighted Mueller Retractor #6302-01

- 4 Lighted Wide Retractor #6303-01

- 5 Narrow Lighted Retractor #6304-01

- 6 90° Cobra Retractor #6305

- 7 Deep Hohmann Retractor #6306

- 8 Straight Hohmann Retractor #6307

- 9 Femoral Starter Drill #6308



Lighted retractors attach to a fiber optic light cable with ACMI (female) connector and can be steam sterilized.

Fixed Driver with Zimmer
Hall Quick-connect
#8248



Quick-connect starter drill for use with a driver.
NOT INCLUDED IN SET.

Narrow Cobra Retractors

A general purpose instrument for use around the femur and acetabulum in MIS surgery



Narrow
#6120

XL Narrow
#6120-04



Duke Classic Inferior Retractors with Extra Grip Tip - Left & Right

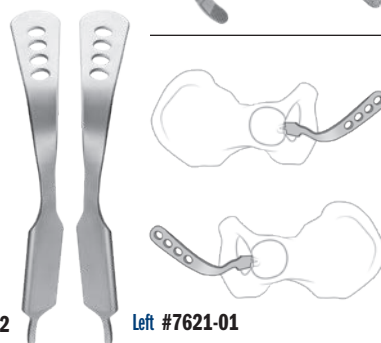
Designed by Justin Duke, MD

An inferior acetabular retractor designed for total hip arthroplasty while prepping the acetabulum



Right #7621-02

Left #7621-01

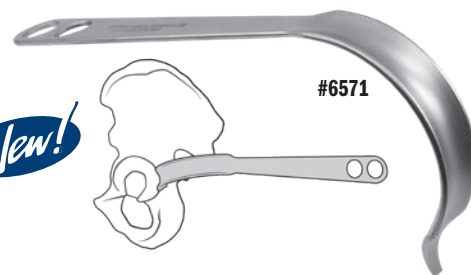


DAA Posterior Retractor

A posterior retractor designed with a square tip and larger curvature



New!

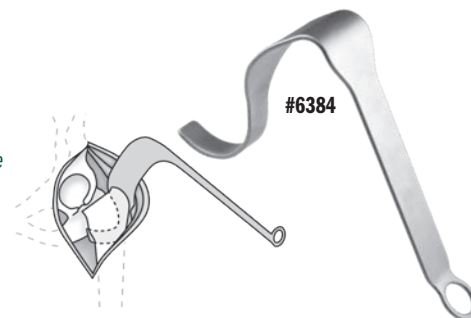


#6571

Jeffers Hip Retractor

Designed by Andrew Jeffers, MD

For use during the anterior approach, this retractor is designed to help protect the TFL from laceration during acetabular preparation in addition to maximizing exposure



#6384

Flared Cobra Retractors - Left & Right

Designed by Henry Boucher, MD

Single prong design modification by Walter Frueh, MD

Left and right retractors can be used with the anterior, posterior or lateral approach to help expose the acetabulum in total hip surgery



Double Prong - Left
#6110-02

Double Prong - Right
#6110-01

Single Prong - Left
#6109-L

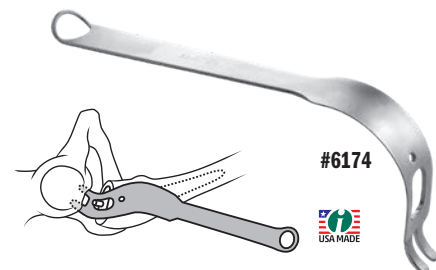
Single Prong - Right
#6109-R



Sinha Retractor for Acetabular Reaming

Design modification by Ajoy K. Sinha, MD

Designed to retract and protect the femur while preparing the acetabulum for reaming during antero-lateral approach total hip surgery



#6174



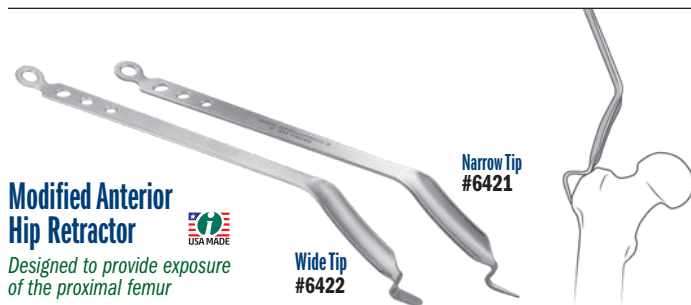
Modified Anterior Hip Retractor

Designed to provide exposure of the proximal femur



Wide Tip
#6422

Narrow Tip
#6421

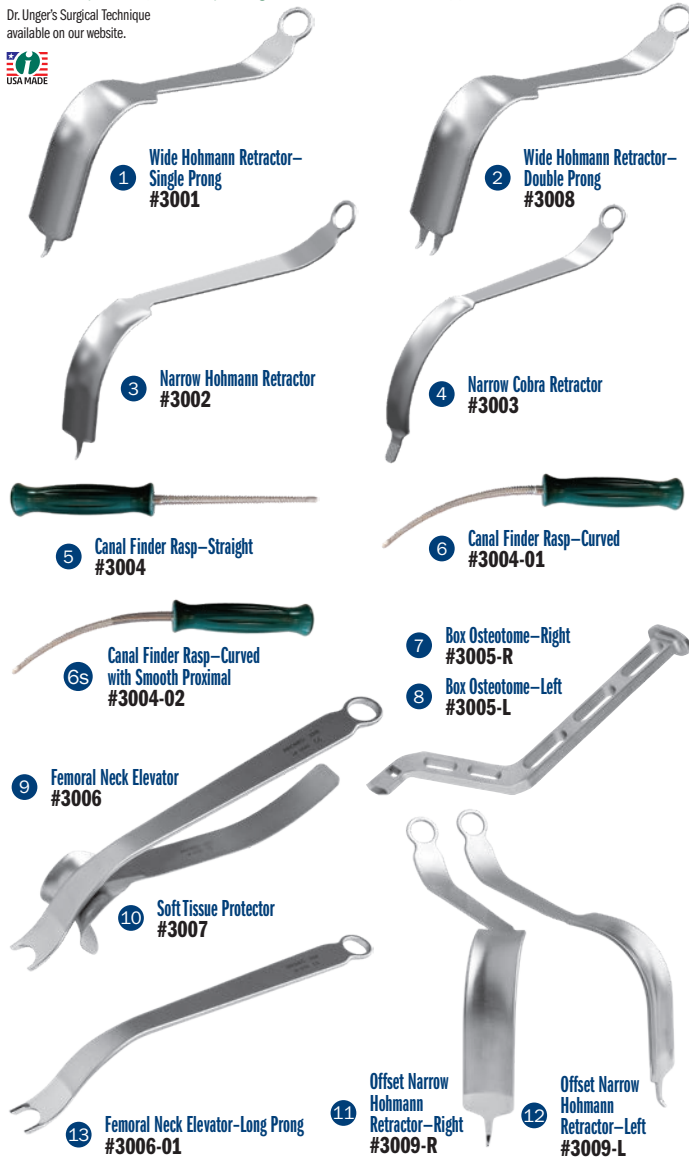


Unger Anterior Total Hip Instruments

Designed by Anthony Unger, MD

Universal system specifically designed for Direct Anterior approach THR

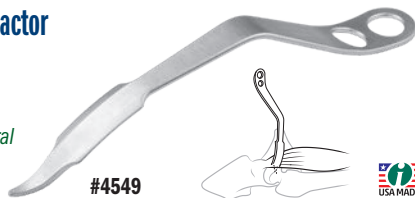
Dr. Unger's Surgical Technique available on our website.



Alvi Modified Hohmann Retractor

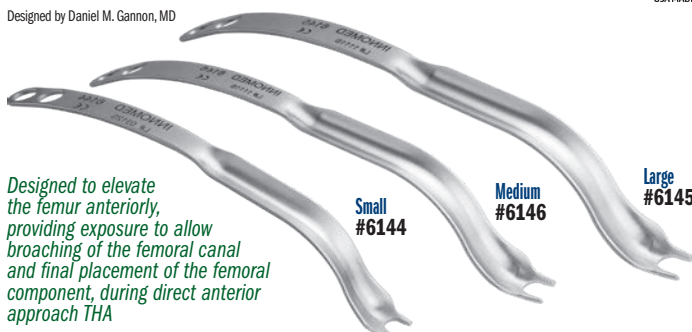
Designed by Hasham Alvi, MD

Designed for use during minimally invasive anterior hip replacement surgery, the retractor is placed through the capsule, into the femoral head, allowing for retraction of the rectus femoris



Bozeman Direct Anterior THA Femoral Elevator

Designed by Daniel M. Gannon, MD



Alvi Small Charnley Style Locking Frame Set

Designed by Hasham Alvi, MD

A self-retaining frame and retractor system designed for use during anterior total hip arthroplasty, the blades help retract the hip capsule and musculature, permitting an unobstructed view of the acetabulum while freeing an assistant

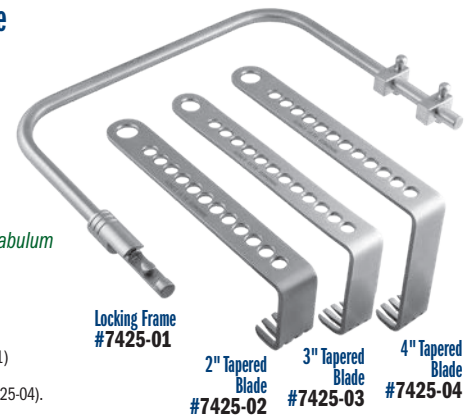
Set #7425-00

Also Available Individually



Set includes one locking frame (7425-01) and one each of the three blade sizes: 2" (7425-02), 3" (7425-03), and 4" (7425-04).

Optional Winged Modified and Radiolucent Tapered Blades not included in set.

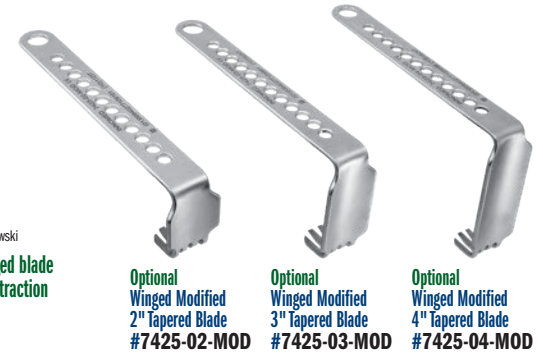


Optional Winged Modified Tapered Blades

(NOT INCLUDED IN SET)

Design modified by Prof. Dr. med. Andrej M. Nowakowski

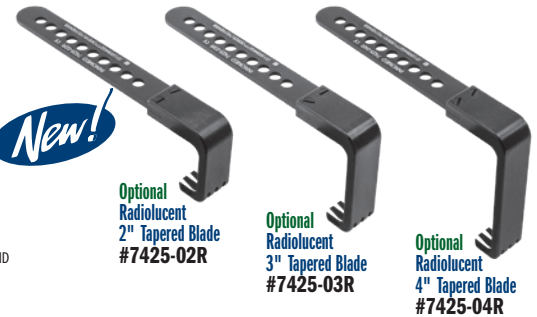
Features a tapered, winged blade for gentler soft tissue retraction



Optional Radiolucent Tapered Blades

(NOT INCLUDED IN SET)

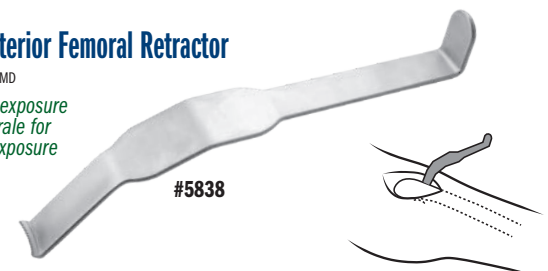
Designed by Hasham Alvi, MD



Hope Direct Anterior Femoral Retractor

Designed by Charles A. Hope, MD

Designed to aid in exposure of the calcar femorale for proximal femoral exposure and broaching



O'Reilly Dual Handle Direct Anterior Retractor

Designed by Michael P. O'Reilly, MD

Designed for use over the anterior pelvic rim during acetabular exposure in direct anterior THA, the dual handle design allows for use in both right and left hips, as well as easy exchange of the instrument between assistants



Deep Curved Anterior Retractors



Deep Narrow
#7804-01D

Deep Standard
#7804-02D

Deep Wide
#7804-03D

New!

Deep retractors designed with a longer handle for use in Direct Anterior approach THR when added leverage and depth is needed for use in large patients



Curved Anterior Retractors

New!



Narrow
#7804-01

Standard
#7804-02

Wide
#7804-03



Das/Seng Anterior Total Hip Instruments

Designed by Amal Das, MD and Brian Seng, DO

Set #6226-00
Also Available Individually



Posterior Femoral Neck /
Inferior Acetabular Rim Retractor
#6221

Anterior Femoral Neck /
Anteromedial Rim Retractor
#6222

Anterolateral Acetabular
Rim Retractor
#6223

Femoral Calcar Retractor
#6227

Greater Trochanteric Retractor
#6225



Proximal Femoral Hook
#6226-RH

Table Mounted
Hook Hoist
#6226-TA

This product number
includes one 6226-RH
Elevator Hook

Retractor set with included table-mounted controlled-release ratcheting elevator hook, specifically designed to help simplify anterior approach total hip arthroplasty

Surgical technique
available on our website.

Fajardo-Sun Femoral Neck Reference Retractor for Anterior THA



Designed to be placed along the inferior femoral neck during anterior total hip arthroplasty to help expose the femoral neck, the retractor has cutouts every 4 mm that allow the surgeon to mark the femoral neck for osteotomy at the desired level referencing the lesser trochanter, with the cutouts indicating 4 mm, 8 mm, 12 mm, and 16 mm

Designed by Jesse Fajardo, MD



1 mm cutouts
every 4 mm

New!

#6419

Can be used in any upper or lower extremity procedure where retracting and making measurements is needed, especially if fluoroscopy is used because the known dimensions of the retractor and cutouts help provide scale to the image.



Chandran Anterior Retractor for THR with Strikeplate

Designed by Rama E. Chandran, MD

#6311-SP



Design helps to expose the anterior wall of the acetabulum and helps prevent displacement of the retractor while reaming the acetabulum during direct anterior hip replacement



New!

Chandran Anterior Retractor for THR

Designed by Rama E. Chandran, MD



Design helps to expose the anterior rim of the acetabulum and helps prevent displacement of the retractor while reaming the acetabulum during direct anterior hip replacement



#6311

Chandran Femoral Neck Retractor with Sharp Teeth

Designed by Rama E. Chandran, MD

Designed to grasp and expose the femoral neck, the teeth help prevent the retractor from slipping or shifting under downward pressure



#6141

ABLE Advanced Anterior Approach Set

Used for anterior MIS hip surgery



Set with Case #6161-01
Also Available Individually

Set without Case #6161-00
Also Available Individually

Modified Deep
Hohmann
Retractor
#6162

Modified Small
Hohmann Retractor
#6163

Case Only
#6419

Modified Mueller
Retractor
#6164

Set In Case

Sets include: (2) 6162, (1) 6163, and (1) 6164

Modified Mueller Elevator with Blunt Teeth

Designed to elevate the proximal femur, the additional blunt teeth on the end allow for better gripping



#3415-01



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2026

Direct Anterior Approach Instrument Set

Complete Set #6500-01
Also Available Individually

Set includes (2) #6120
and (1) of each of the other
instruments shown



Single Prong Acetabular
Retractor - Standard
#6570

Modified Hohmann
Retractor - Narrow
#4535

Mueller-type Femoral
Neck Elevator - Standard
#3415

Cobra Retractor - Narrow
#6120

Cobra Retractor -
Standard with Sharp Tip
#6129

Bent Hohmann Retractor -
Narrow with Extra Long Handle
#7110-01

Deep Hohmann-style
Retractor with Large Handle - Standard
#C1009

Bone Hook - Large
#5920

Rivero
Extra Grip
Femoral Head Remover
with Zimmer Hall Quick-connect
#3706

*A General Use Set of Innomed
Instruments for Direct Anterior
Approach Total Hip Arthroplasty*

Anterior Hip Referencing Rod Assembly

Designed by Scott A. Foster, MD

For use during intraoperative imaging while performing anterior hip arthroplasty to help determine implant fit, position, alignment and recreation of leg length and offset using the contralateral hip for reference

Complete Assembly #2674-00

Top Assembly #2674-A

Bottom Assembly #2674-B

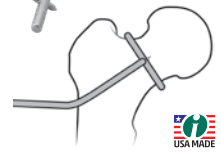


Kenerly Femoral Neck Cutting Guide

Designed by J. Lex Kenerly, III, MD

Designed for use during the anterior approach for THA to help determine the femoral neck osteotomy location. The guide is placed on the femoral neck and adjusted using the intraoperative C-arm image to visualize and compare to the pre-op templating, providing an excellent location for the initial femoral neck osteotomy

#4590



Bhargava DAA Femoral Stem Impactor

Designed by Tarun Bhargava, MD

Helps allow for easier impaction of most femoral stems through the DAA approach – protects the trunion and helps allow for control of version during impaction

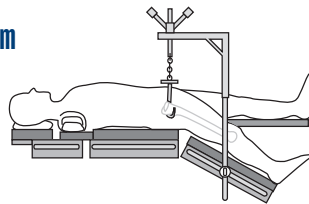
#5308



Wixson Anterior Suspension Hook System

Designed by Richard L. Wixson, MD

Designed for use with a standard operating room table, helps to facilitate elevation of the proximal femur during direct anterior approach THR, and used for femoral preparation after the acetabular component has been implanted



Tightening Rod
#6245-02

Horizontal Attachment
#6245-01

Complete Unit #6245-00



T-handle Bolt
#6245-04

Offset Femoral Hook
#6245-05

Vertical Bar
#6245-03

Rotating Clamp
#9125

Complete unit includes: Tightening rod, horizontal attachment, vertical bar, T-handle bolt, offset femoral hook, and rotating table clamp

Moskal Table Leg Bracket Clamp Assembly

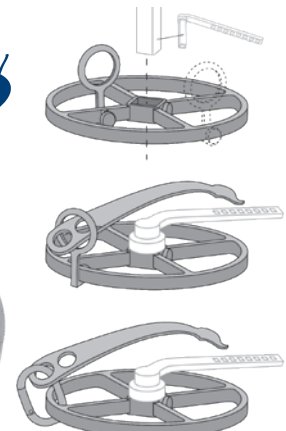
Designed by Joseph T. Moskal, MD

An attachment for anterior hips when using a Hana® surgical table

Set #4168-00
Also Available Individually



New!



Hana® is a registered trademark of Mizuho OSI

Assembly Includes:



Table Leg Bracket
#4168-01
Shown with one
#4168-03 Table Leg Screw



Table Leg Hook
#4168-02
Shown with one
#4168-03 Table Leg Screw



Carabiner
#51617115

Extension Set for Anterior THR Tables

Designed by David Ott, MD

Designed to add lift to the femoral hook during an anterior THR case and be able to remove without breaking the sterile field

Set of Two Sizes #8004-00
Also Available Individually

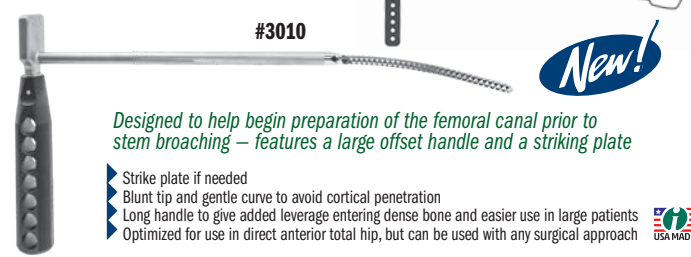


3" Extension
#8004-L

2" Extension
#8004-S

Jana Anterior Hip Starter Rasp

Designed by Ajoy Jana, MD



#3010

New!

Designed to help begin preparation of the femoral canal prior to stem broaching – features a large offset handle and a striking plate

- Strike plate if needed
- Blunt tip and gentle curve to avoid cortical penetration
- Long handle to give added leverage entering dense bone and easier use in large patients
- Optimized for use in direct anterior total hip, but can be used with any surgical approach



Curved Canal Rasps

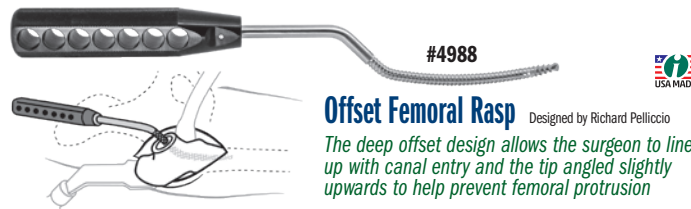
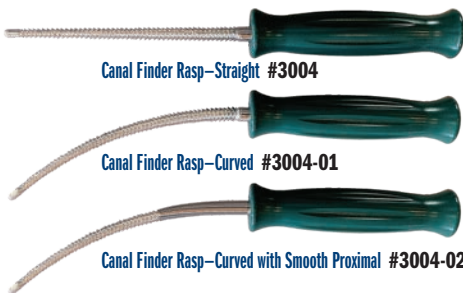
Design modification by Michael Messieh, MD of original design by Anthony Unger, MD.

Designed for preparation of the femoral canal for insertion of a cemented or cementless hip stem, the multiple diameters serve to prepare the femoral canal after the initial 5 mm is used to find the curvature of the canal



Unger Canal Finder Rasps

Designed to sound the femoral canal prior to stem broaching, especially useful to help start the broach path during the direct anterior approach



#4988



Offset Femoral Rasp

Designed by Richard Pelliccio

The deep offset design allows the surgeon to line up with canal entry and the tip angled slightly upwards to help prevent femoral protrusion

T-Handle Femoral Canal Finders

Designed to sound the femoral canal prior to stem broaching, especially useful to help start the broach path during the direct anterior approach



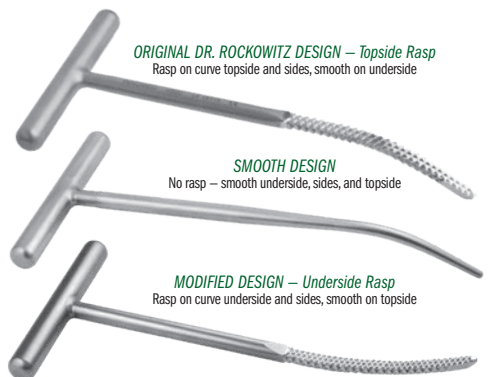
Rockowitz T-Handle Femoral Canal Finder Rasp #4990

Designed by Neal L. Rockowitz, MD

T-Handle Femoral Canal Finder – Smooth #4990-03

Modification of design by Neal L. Rockowitz, MD

Modified T-Handle Femoral Canal Finder Rasp #4989



ORIGINAL DR. ROCKOWITZ DESIGN – Topside Rasp
Rasp on curve topside and sides, smooth on underside

SMOOTH DESIGN
No rasp – smooth underside, sides, and topside

MODIFIED DESIGN – Underside Rasp
Rasp on curve underside and sides, smooth on topside

DAA Canal Finder Rasp



#C1026



Designed to help begin preparation of the femoral canal prior to stem broaching – features a large handle with a striking plate end



#4987

Offset Canal Finder

A smooth, double bent, offset canal finder designed to assist during anterior hip surgery



Wertz Anterior THA Femoral Elevator

Designed by Michael P. Wertz, MD

Helps deliver the femur out of the incision during anterior total hip arthroplasty – inserted into the femoral canal for elevation, the knurled underside helps to reduce the chance of slippage

#6148



Powers Double Bent Curette Set

Designed by Mark Powers, MD

The bayonet curettes help allow for proper lateralization and seating of the broach



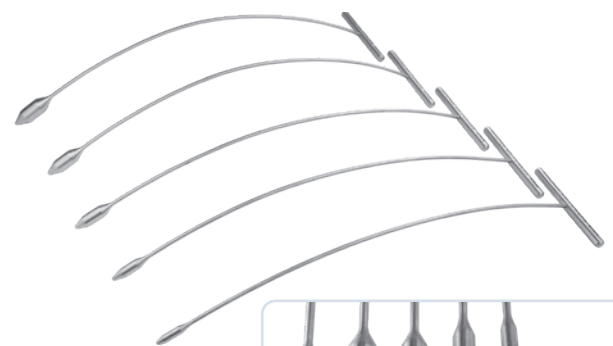
Set of Three #5190-00
Also Available Individually



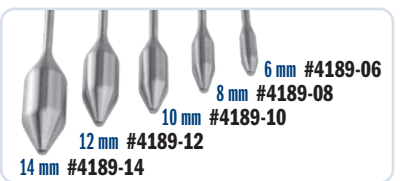
Powers Femoral Sounds

Designed by Mark Powers, MD

Allows the surgeon to gently identify the canal of a long bone as well as its width (isthmus) prior to inserting a device, helping to identify intraoperative occult fractures and to minimize possible intraoperative fractures before broaching helps



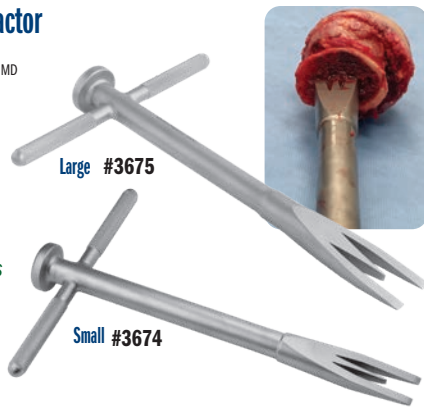
Set of Five #4189-00
Also Available Individually



O'Reilly Femoral Head Extractor

Designed by Michael P. O'Reilly, MD
Small version design modification by Tarun Bhargava, MD

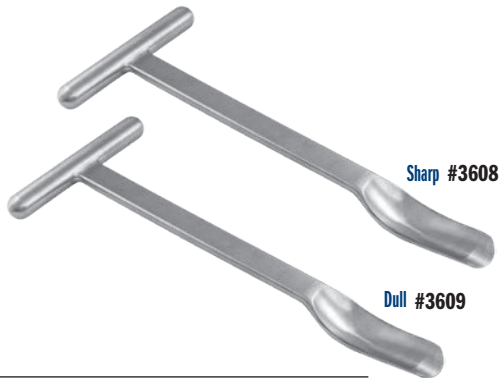
Designed to help remove the femoral head during THA, MIS Direct Anterior THA, and hip fracture surgery/hemiarthroplasty, the perpendicular osteotome blades help provide purchase in osteoporotic bone, while the central osteotome provides a visual estimate of the instrument's depth of penetration to avoid acetabular injury with use during hemiarthroplasty



Huddleston Femoral Head Removers

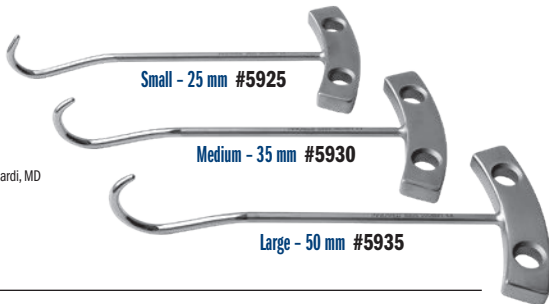
Designed by H. Dennis Huddleston, MD

Designed to help lever a femoral head out of the acetabulum in standard and anterior approach total hip replacement



Lombardi Bone Hooks

Designed by Adolph V. Lombardi, MD



Bone Hooks

Designed by R.L. Wixson, MD

Designed for proximal femoral elevation in total hip replacement or in other surgery with a similar need for bone manipulation – the instrument has a blunt tip and a large handle to accommodate the use of two hands if desired

Large with Wire Hole designed by: R.L. Wixson, MD & J. McCarthy, MD



Sarraf Coated Hip Dislocation Hook

Designed by Khaled M. Sarraf, MD

Designed to aid in dislocating a femoral stem while helping to prevent damage to the trunion, the coated end helps to prevent from marring component surfaces and can also be used as a bone hook, and for femoral elevation



Deep Narrow Unger Total Hip Retractors

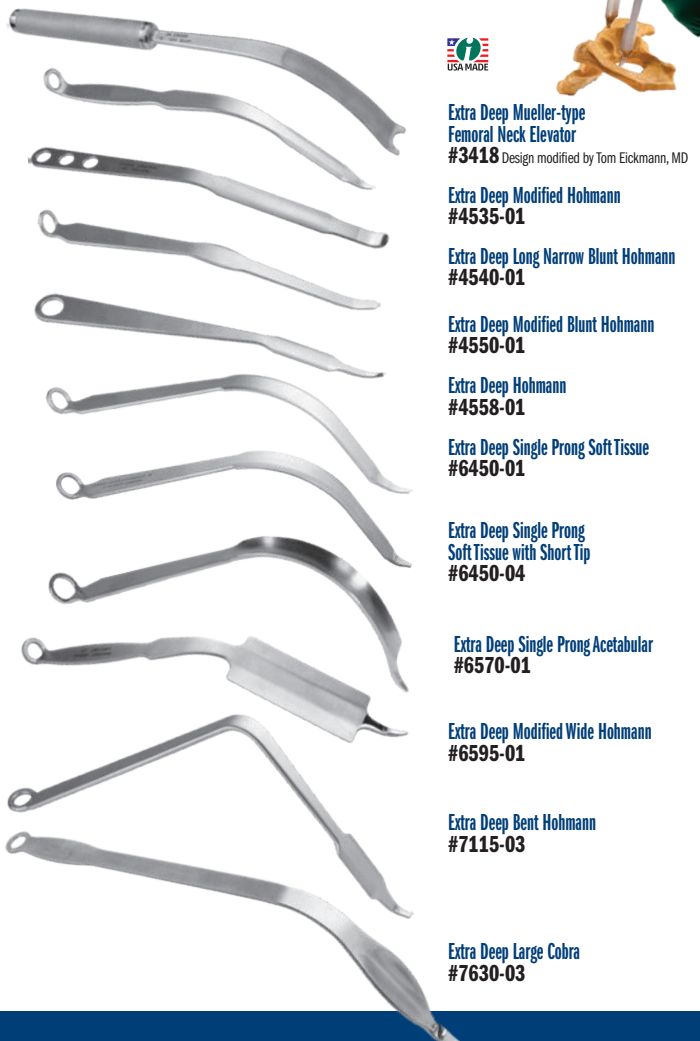
Design modification of an original design by Anthony Unger, MD

Deep narrow retractors designed for Total Hip Replacement procedures when added leverage and depth is needed for use in large patients



Extra Deep Hip Retractors

For hip surgery with large patients, and when extra large instruments are desired for increased depth and leverage – all extra deep retractors are 2" (5 cm) longer than their standard version



Extra Large Hip Retractors

Designed by Wayne M. Goldstein, MD

For hip surgery with large patients, and when extra large instruments are desired for increased leverage and depth



Extra Leverage Femoral Neck Elevator – Standard
#7650

Extra Leverage Femoral Neck Elevator – Short Handle
#7650-02

Infero-posterior Acetabular Capsule Retractor – Right
#7620-01

Infero-posterior Acetabular Capsule Retractor – Left
#7620-02

Extra Leverage Proximal Femoral Elevator
#7640

Large Cobra Retractor – Wide
#7630-02

Large Cobra Retractor – Standard
#7630-01

Large Cobra Retractor – Extra Deep
#7630-03

Extra Deep Cobra Retractors

For use around the femur and acetabulum in larger patients – a full 2" (5 cm) longer in the wide cobra blade portion than our standard cobra retractor



Standard Tip
#6133

Cross-Hatched Tip
#6134

Deep Hohmann-style Retractors with Large Handle

Designed for retraction around the femur and acetabulum



Standard
#C1009

90°
#C1010

Hibbs Retractors



Extra Large
#6230

Medium
#6235

Standard
#6240

Designed for soft tissue retraction by either the toothed end or curved handle end

Right Angle Posterior Capsular Retractor without Teeth

The large, curved end is very useful with large patients



#7180-01

Taylor Retractors



Standard
#6330-01

Large
#6330-02

Large with Pin Guides
#6330-03

Superior Retractor

Used for retraction around the acetabulum, can be self retaining with the use of 1/8" (3.2 mm) pins



#6027

Rogozinski Reaming Retractor

Designed by Chaim Rogozinski, MD

Designed to help expose the femoral head during total hip arthroplasty

Can also be used to help expose the glenoid for reaming during total shoulder arthroplasty.

New!

#4277-01

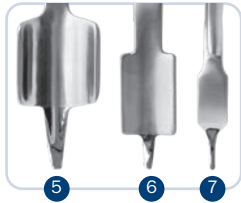
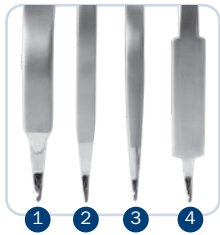


Dorr Hip Instruments

Designed by Lawrence D. Dorr, MD

Set includes: One of each except D6115-L & D6115-R which are available separately

Set **#D6100-00**
Also Available Individually



1 Curved Hohmann Acetabular Retractor
#D6105

2 Narrow Bent Acetabular Retractor-Long
#D6108

3 Narrow Bent Acetabular Retractor
#D6110

4 Bent Hohmann Acetabular Retractor
#D6112

5 Curved Blade Bent Hohmann Retractor
#D6106

6 Curved Blade Double Bent Hohmann Retractor
#D6107

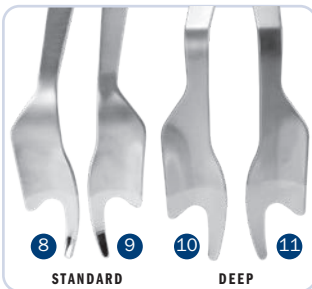
7 Upward Double Bent Hohmann Retractor
#D6114

8 Posterior Capsule and Sciatic Nerve Protection Retractor-Left
#D6109-L

9 Posterior Capsule and Sciatic Nerve Protection Retractor-Right
#D6109-R

10 DEEP Posterior Capsule and Sciatic Nerve Protection Retractor-Left
#D6115-L

11 DEEP Posterior Capsule and Sciatic Nerve Protection Retractor-Right
#D6115-R



12 Wide Femoral Neck Elevator
#D6111

13 Narrow Femoral Neck Elevator
#D6113

Modular Weights

Used to help hold retractors in place

Set of Three **#3430-00**
Also Available Individually



2.0 lbs. (.91 kg)
#3430-02

2.5 lbs. (1.13 kg)
with attaching hook
#3430-03

1.5 lbs. (.68 kg)
#3430-01



Anterior/PAO Hip Retractor



New!

#5277

Sierra OrthoLucent™ Pelvic Osteotomy Retractor

Designed by Rafael J. Sierra, MD

Designed to help with retraction of the inner pelvis for direct visualization of the inner pelvis prior to iliac osteotomy, the retractor is made of a lightweight carbon fiber PEI composite material

The OrthoLucent™ carbon fiber PEI material is radiolucent, helps to prevent from marring component surfaces, and can be steam sterilized.

MADE EXCLUSIVELY FOR INNOVATEC IN SWITZERLAND

#4541

Sierra OrthoLucent™ Soft Tissue Retractor

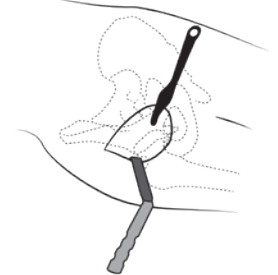
Designed by Rafael J. Sierra, MD

Radiolucent retractor designed for soft tissue protection of lateral muscles during pelvic osteotomy surgery

Manufactured of delrin and aluminum.



#4849



Wells Modified Lambotte PAO Osteotomes

Designed by Joel Wells, MD

Designed to focus on the posterior column osteotomy and connection to the ischial cut — straight, curved and two offset options helps the posterior column osteotomy to be cut with more control

Silicone handle designed for better control.



Straight #5276-01

Curved #5276-02

Offset #5276-03

Offset Curved #5276-04

MADE EXCLUSIVELY FOR INNOVATEC IN GERMANY

Set with Case **#5276-00**
Also Available Individually

Case Only (Not Shown) **#9007**

Whelan Narrow Hohmann Retractor

Designed by Edward J. Whelan, III, MD

Retractor has a large gentle right angle curve with sharp tip, for retraction of structures anterior to the acetabulum in the anterior approach to total hip



#7116

Modified Curved Double Bent Hohmann Retractor

Designed by Lawrence Dorr, MD. Design modification by Bertrand P. Kaper, MD

A modified, double-bent Hohmann designed to be placed on the anterior wall of the acetabulum

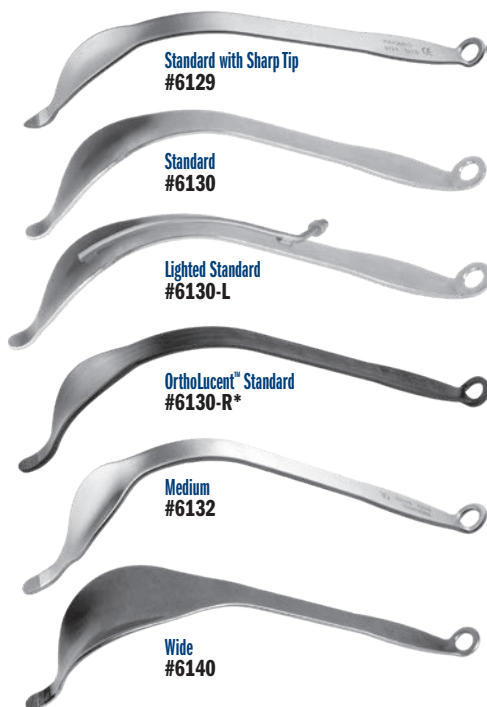
#D6107-MOD



Cobra Retractors

A general purpose instrument for use around the femur and acetabulum

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



Cobra Retractors with Blunt Teeth

General purpose hip instruments for use around the femur and acetabulum with teeth to help prevent slippage



Round and square tip with additional teeth on the ends for better gripping



Narrow Cobra Retractors

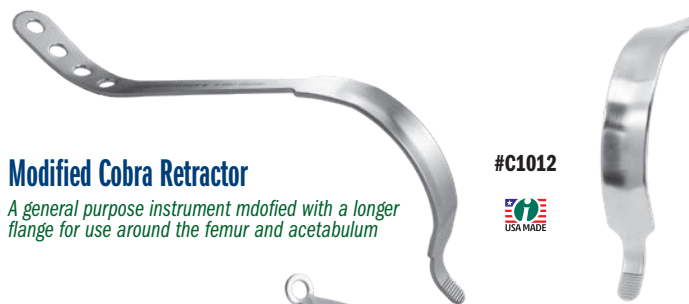
A general purpose instrument for use around the femur and acetabulum in MIS surgery



Harwin Modified Cobra Retractor

Designed by Steven F. Harwin, MD, FACS

Designed with a long handle and obtuse angle provide ergonomic leverage — especially helpful for use with obese patients — the wide, concave blade design allows for enhanced exposure and is especially useful in anterior hip surgery with the placement of reamers, and to elevate and expose the proximal femur



Modified Cobra Retractor

A general purpose instrument modified with a longer flange for use around the femur and acetabulum

#C1012



Deep Cobra Retractor

A general purpose instrument for use around the femur and acetabulum in larger patients

#6135



Narrow Cobra-style Retractor with Large Handle

Designed for use around the femur and acetabulum



#C1005

Jana Lighted Cobra Retractor

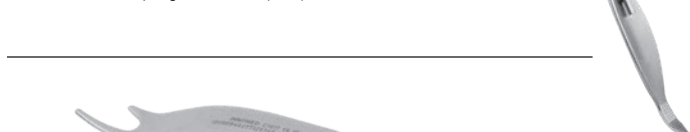
Designed by Ajoy K. Jana, MD

Designed to enhance exposure & visualization

Can be attached to a fiber optic light cable with ACMI (female) connector.



#6119-L



Offset Medial Acetabular Retractors with Large Handle

Designed for acetabular exposure during total hip surgery

Left
#C1017

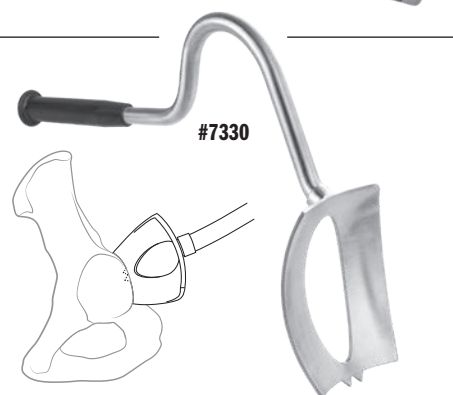
Right
#C1018



Stowell Modified Posterior Acetabular Retractor

Designed by R.L. Stowell, MD

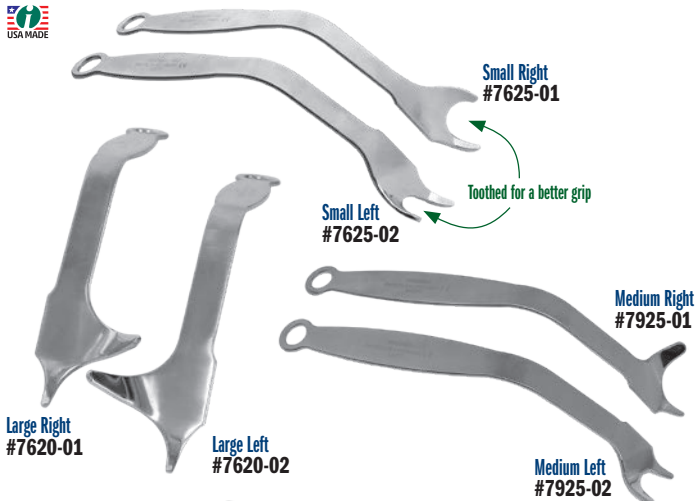
Designed to be placed along the posterior rim of the acetabulum to facilitate exposure and acetabular preparation



Posterior-Inferior Retractors

Designed by Wayne M. Goldstein, MD

Designed for total hip surgery, the retractor is placed with the point at 6 o'clock and the retractor's axilla resting on the ischium. While the remaining blade of is used to retract the remaining capsule from the posterior lip of the acetabulum



Medial Acetabular Retractors with Large Handle

Designed for acetabular exposure during total hip surgery



Wide Anterior Femoral Elevator with Taylor Tip

Designed by Jeffrey P. Beckenbaugh, DO

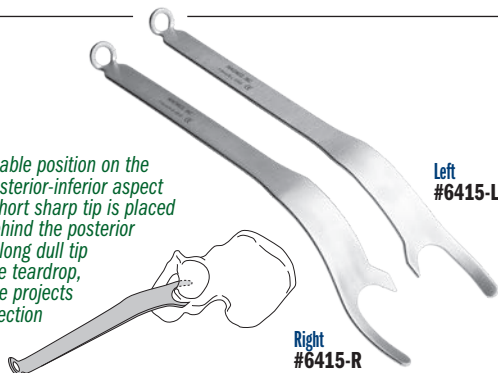
Anterior and posterior acetabular retractors for all approaches, including the direct anterior approach, featuring a hammer platform for insertion with a mallet



Moran Posterior-Inferior Retractor

Designed by Michael C. Moran, MD

Designed to achieve a stable position on the pelvis and expose the posterior-inferior aspect of the acetabulum, the short sharp tip is placed into the ischial sulcus behind the posterior acetabular rim, with the long dull tip coming to rest behind the teardrop, while the retractor handle projects in a posterior-inferior direction



Witmer Deep APC Anterior Hip Retractor

Design modification by Dan Witmer, MD of an original design by APC, Inc.

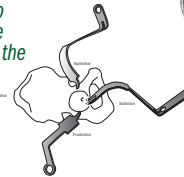


Designed with extra length and depth for use around the acetabulum with large patients during total hip replacement surgery

APC Hip Retractor Series

Designed by APC, Inc.

Used to help provide wide exposure of the acetabulum



Duke Classic Acetabular Retractor with Extra Grip Tip

Designed by Justin Duke, MD

Designed to retract the femur during acetabular exposure for either posterior or lateral approaches



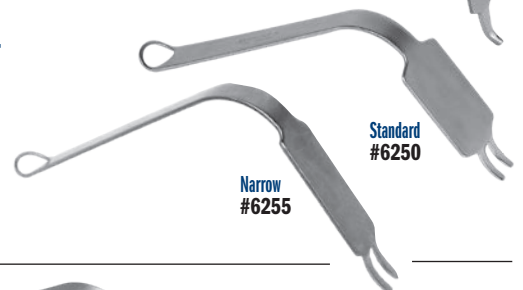
Short Tip Acetabular Retractor

Designed for retraction around the acetabulum



Inferior Acetabular Retractors

Help provide better access to the intramedullary canal

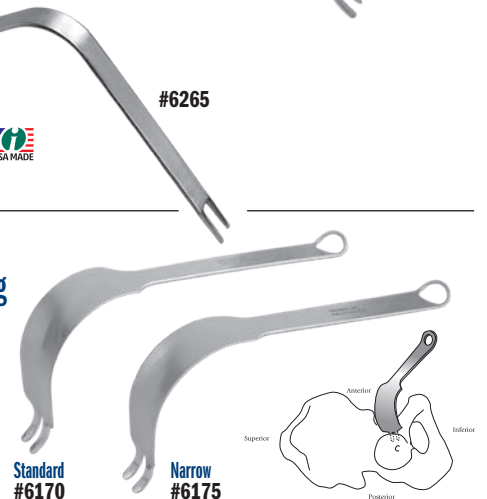


MIS Hip Retractor



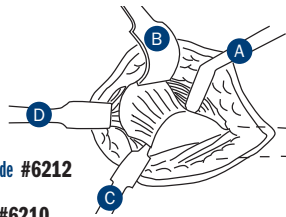
Modified Double Prong Acetabular Retractors

Retracts the femur anteriorly during total hip arthroplasty – hooked over the anterior pelvic brim



Retractors for Hip Surgery

For general use in hip surgery and minimally invasive hip surgery



A Single Prong Double Bent Hohmann Acetabular Retractor



A Single & Double Prong Double Bent Hohmann Acetabular Retractor - Long



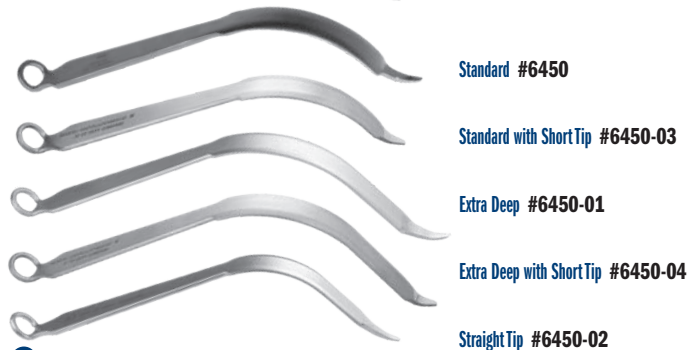
A Single Prong Double Bent Hohmann Acetabular Retractor - Extra Long



B Single Prong Broad Acetabular Retractor



C Double Prong Broad Acetabular Retractor



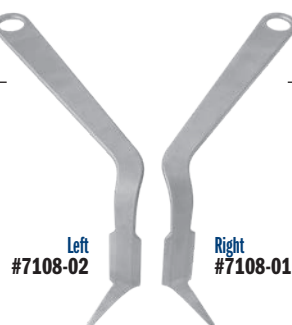
C Single Prong Soft Tissue Retractors



D Single Prong Acetabular Retractors

Penenberg Gluteus Retractors

Designed by Brad Penenberg, MD



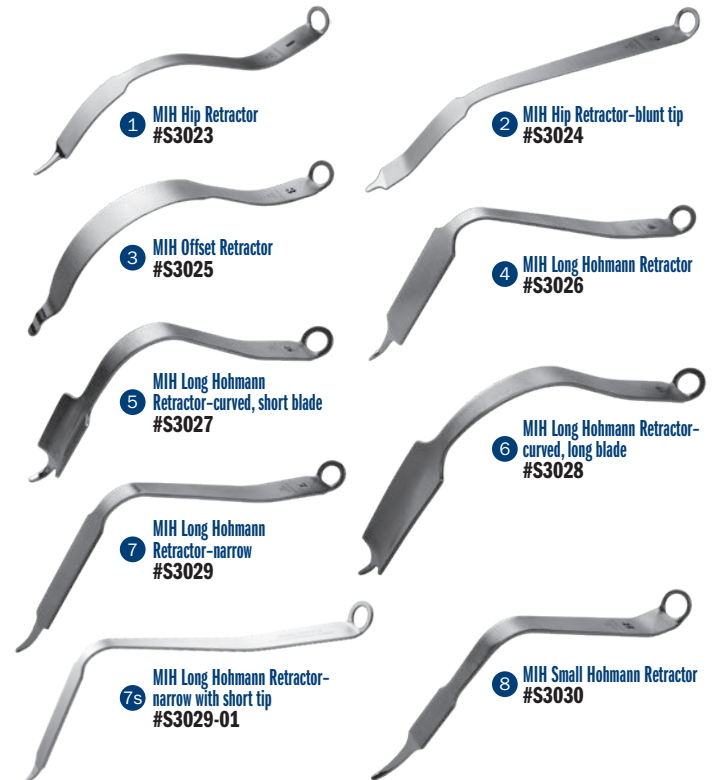
Left
#7108-02

Right
#7108-01



Minimally Invasive Hip Surgery Retractors

Designed to be used in various minimally invasive hip exposures



1 MIH Hip Retractor
#S3023

2 MIH Hip Retractor-blunt tip
#S3024

3 MIH Offset Retractor
#S3025

4 MIH Long Hohmann Retractor
#S3026

5 MIH Long Hohmann
Retractor-curved, short blade
#S3027

6 MIH Long Hohmann Retractor-
curved, long blade
#S3028

7 MIH Long Hohmann
Retractor-narrow
#S3029

7s MIH Long Hohmann Retractor-
narrow with short tip
#S3029-01

8 MIH Small Hohmann Retractor
#S3030

Minimal Incision Total Hip Retractors

Designed By Wayne M. Goldstein, MD



Designed for Minimal Incision Total Hip Surgery using the standard posterior lateral approach
Surgical technique available on our website.



Extra Long Handle
#7110-01

Cobra Retractor
with Hand Rest
#7130

Bent Hohmann Retractors
for Gluteus Medius

Standard #7110

Extra Grip Tip #7111

Superior Capsular Retractor

#7140

#7120
Blunt Right Angle
Posterior Capsular Retractor

With Teeth
#7180

Right Angle Posterior
Capsular Retractors

Without Teeth
#7180-01



Bent Hohmann Retractors—Narrow

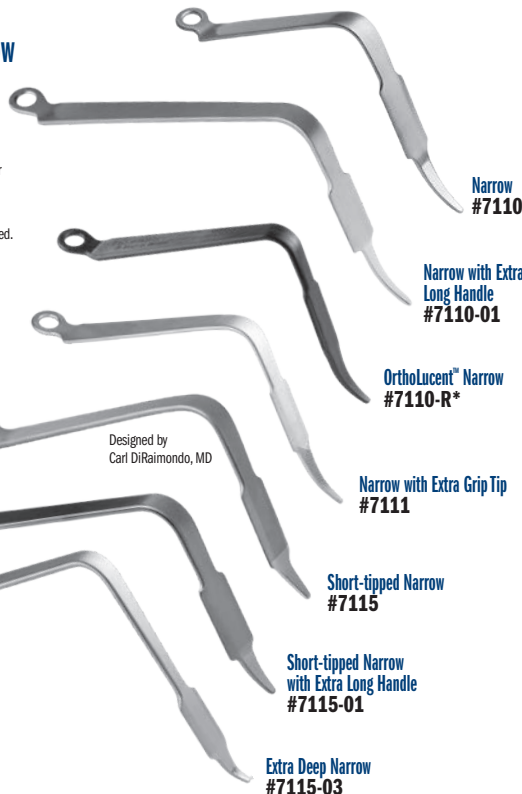
Helps retract tissues at the margins of the joint

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

Extra Grip Tip design modification by Alfred A. Durham, MD



*



Narrow
#7110

Narrow with Extra Long Handle
#7110-01

OrthoLucent™ Narrow
#7110-R*

Designed by
Carl DiRaimondo, MD

Narrow with Extra Grip Tip
#7111

Short-tipped Narrow
#7115

Short-tipped Narrow with Extra Long Handle
#7115-01

Extra Deep Narrow
#7115-03

Bent Hohmann Retractors—Wide

Helps retract tissues at the margins of the joint



Wide with Extra Long Handle
#6590-01

Wide
#6590

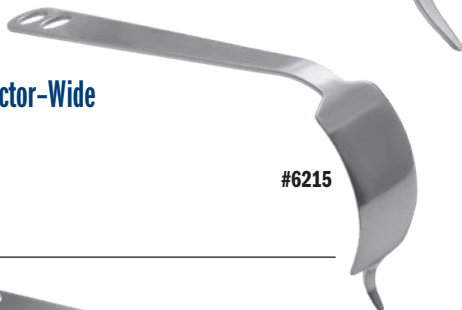
Narrow Right Angle Retractor

Designed for soft tissue retraction



#C1011

Curved Hohmann Retractor—Wide



#6215

Long Curved Hohmann Retractors—Narrow



Long Blade
#6205

Short Blade
#6204

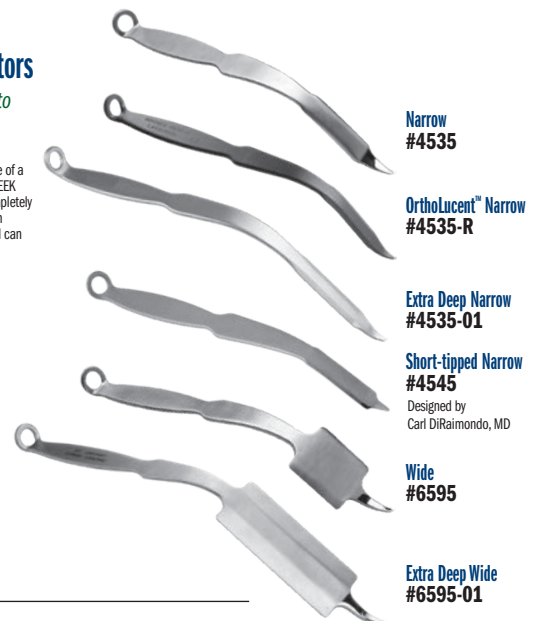
Modified Hohmann Retractors

Handle is contoured to allow better leverage and visualization

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



*



Narrow
#4535

OrthoLucent™ Narrow
#4535-R

Extra Deep Narrow
#4535-01

Short-tipped Narrow
#4545

Designed by
Carl DiRaimondo, MD

Wide
#6595

Extra Deep Wide
#6595-01

Hohmann Retractor

Designed like the original Hohmann-style retractor — made in the U.S.A.

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



*



Standard
#4558

OrthoLucent™
#4558-R*

Extra Deep
#4558-01

Long Narrow Hohmann Retractor—Blunt



Standard
#4540

Extra Deep
#4540-01

Modified Blunt Hohmann Retractor

Used for soft tissue retraction

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



*



Standard
#4550

OrthoLucent™
#4550-R*

Extra Deep
#4550-01

Wetzel Modified Hohmann Retractor

Designed by Robert Wetzel, MD and Todd McKinley, MD

The long point is designed to be placed around, on, or through a bony structure and then levered back to retract tissue



#4539

Dennis Acetabular Hip Retractor

Designed by Douglas A. Dennis, MD

Utilized most frequently during total hip arthroplasty performed with a posterior approach, the single prong may be placed over the anterior wall of the acetabulum or engaged into the distal ilium to retract the proximal femur anteriorly by tapping on the impaction platform



New!

#6028

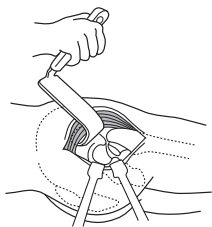


McMaster Abductor Retractor

Designed by William D. McMaster, MD

Designed to help with proximal femur exposure helping to protect the abductors – gluteus medius and minimus – during posterior approach THA

The ergonomic design allows application where soft tissue retraction is needed.



#6385

Goytia Stackable Hohmann Retractors

Designed by Robin N. Goytia, MD.

Deep version modification designed by Brandon Thompson, CST/CFA

Interlocking design helps to increase depth and leverage in hip exposure, particularly of the anterior acetabulum—especially useful with large patients

Standard #4551

Deep Standard #4551-D

Bent #4552

Deep Bent #4552-D

Wide #4553

Deep Wide #4553-D

2" (5 cm) deeper for use with large patients where extra depth, leverage and force is needed

Lateral Retraction Handle for Goytia Stackable Hohmann Retractors

Design modification by Brandon Thompson, CST/CFA of original design by Robin N. Goytia, MD

Designed to allow lateral retraction when added to any of the Goytia stackable hohmann retractors



#4551-H

Goytia stackable hohmann retractor(s) not included.

Lombardi Femoral/Gluteus Medius Minimus Retractor

Designed by Adolph V. Lombardi Jr., MD



#4235

Designed for acetabular exposure, and to retract the gluteus medius minimus during femoral reaming

Maurer Femoral Elevator with Waist Pad

Elevator designed by Brian Ted Maurer, MD.
Waist pad designed by Christopher Blair, DO

New!

#3407

Designed for posterior approach THR, featuring a platform to help lift the bone off the elevator and side prongs to help prevent the femur from sliding off

The waist pad allows the retractor to be wedged into the surgeons waistline to help control the elevator and maintain elevation of the femoral neck for broaching.



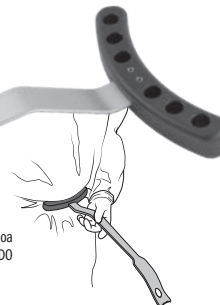
Hip Retractor with Waist Pad

Designed to help eliminate the use of another hand by resting the waist pad against the body for use during posterior THA



#7557

Elevator designed by Luis Ulloa
Waist Pad designed by Christopher Blair, DO



Femoral Neck Elevator with Waist Pad

Designed to elevate the femoral neck for broaching, the waist pad allows the retractor to be wedged into the surgeons waistline to help control the elevator and maintain elevation of the femoral neck for broaching



#7556

Elevator designed by Luis Ulloa
Waist Pad designed by Christopher Blair, DO



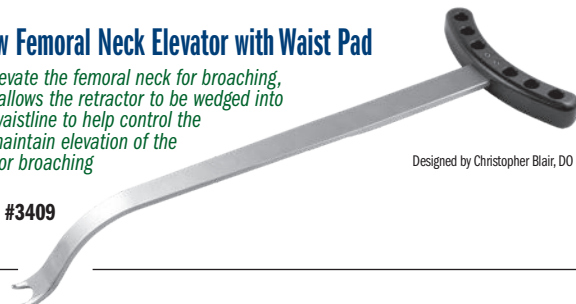
Blair Narrow Femoral Neck Elevator with Waist Pad

Designed to elevate the femoral neck for broaching, the waist pad allows the retractor to be wedged into the surgeons waistline to help control the elevator and maintain elevation of the femoral neck for broaching



#3409

Designed by Christopher Blair, DO

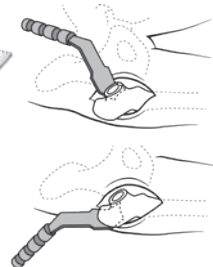


Femoral Neck Elevator with Teeth

Designed with teeth to help prevent slipping when lifting the femoral neck



#C1030



Whelan Femoral Neck Elevator

Designed by Edward J. Whelan, III, MD

Elevator has long tines to rest on the stronger bone at the base of the neck and calcar, and also fits well over the lesser trochanter and iliopsoas tendon for femoral broaching



#3414





Modified Mueller Elevator with Blunt Teeth



#3415-01

Designed to elevate the proximal femur, the additional blunt teeth on the end allow for better gripping

Mueller-type Femoral Neck Elevator

Extra Deep modified by Tom Eickmann, MD

Designed to elevate the proximal femur



Standard
#3415



Rounded Tips
#3415-02

Rounded tips help prevent the tips from digging into bone

Extra Deep
#3418

Extra Leverage Femoral Neck Elevator

Designed by Wayne M. Goldstein, MD



Short Handle
#7650-02

Standard
#7650

Amstutz Femoral Head-Neck Elevator

Designed by Harlan C. Amstutz, MD

Designed to elevate the proximal femur



Wide #3410

Narrow #3410-01

APC Proximal Femoral Elevator

Designed by APC, Inc.

Designed to elevate the proximal femur during total hip or hemiarthroplasty surgery, the unique design provides excellent access to the intramedullary canal, and the elevator's geometry incorporates serrated edges to grip and elevate the proximal femur

Small #3421-01

Standard #3421-00

Proximal Femoral Elevators

Designed to elevate the proximal femur during total hip surgery while providing better access to the intramedullary canal, the handles are contoured to allow the surgeon a clear field of view of the operating area



Standard Prongs
#3420-01

Narrow Standard
#3420-05

Narrow with Coating
#3420-06

Extra Leverage
#7640

Stulberg Proximal Femoral Elevator

Designed by S. David Stulberg, MD



#3420-09

Hur Modified Wide Mueller-type Femoral Neck Elevator

Wide blade design modification by John Hur, MD



#3416

Designed for the anterior approach, the wide design helps to reduce stress on the proximal femur

Amstutz Acetabular Exposure Pin System

Designed by Harlan C. Amstutz, MD

Pin #1200-02

Insertor/Extractor
#1200-01

Pin with Stop #1200-03

Deep Pin #1200-04

Set with Insertor/Extractor
& Two Pins #1200-00
Also Available Individually

Set with Insertor/Extractor
& Two Pins with Stop #1200-0A
Also Available Individually

Zelcof Winged Retractor

Designed by Steven B. Zelcof, MD Ph.D

A non-modular, fixed point retractor for pelvic visualization in THA and pelvic surgery, with the distal post and wing providing bony stability and retraction



Thin Shaft
#6117-5

Thick Shaft
#6117-10

Self-Retaining Hip Surgery Retractor System

Designed by S. David Stulberg, MD

Helps to free assisting personnel while providing excellent exposure during hip arthroplasty and hip fracture surgery

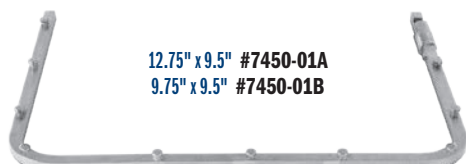


Square Frame



12.75" x 11.25" #7450-01D

Standard Frame



12.75" x 9.5" #7450-01A
9.75" x 9.5" #7450-01B

Double Locking Standard Frame

Designed by Matthew P. Lorei, MD

Designed with a second sliding blade lock for enhanced stability, especially in obese patients



12.75" x 9.5" #7430

Wedges for Frames

Help stabilize retractor blades



4 mm Wedge
#7450-89

8 mm Wedge
#7450-99

Mobile Body Assemblies

Position retractors exactly where you want them!

Moveable-peg system allows for precise intraoperative retractor positioning adjustments

Works with any existing frame system

#7447



Charnley-Type Frame

Can be used with any blade

Charnley-type Frame Sets include (1) Frame, plus
(1) #7445-02 Rounded 2" Charnley Blade,
(1) #7450-02 Standard 2" Blade, and
(1) #7455-02 Charnley-type 2" Blade

Charnley-type Frame Standard Set #7445
Charnley-type Frame Narrow Set #7445-01B

Charnley-type Frames Available Individually:
12" x 9.5" Standard #7445-01
10" x 9.5" Narrow #7445-01B-01



Retractor Blades for Charnley-type Frame

Blade Width: 1"

2" Blade Depth #7455-02
3" Blade Depth #7455-03
4" Blade Depth #7455-04
6" Blade Depth #7455-06

Rounded Retractor Blades for Charnley-type Frame

Blade Width: 1"

2" Blade Depth #7445-02
2.5" Blade Depth #7445-03
3.5" Blade Depth #7445-04



Standard Blades

Handle Length: 6"

Blade Width: 1"

2" Blade Depth #7450-02
3" Blade Depth #7450-03
4" Blade Depth #7450-04
5" Blade Depth #7450-05
6" Blade Depth #7450-06



Standard Blades with T-Handle

T-handle helps prevent hand from slipping

Blade Width: 1"

2" Blade Depth #7450-02T
3" Blade Depth #7450-03T
4" Blade Depth #7450-04T
5" Blade Depth #7450-05T
6" Blade Depth #7450-06T

Blades with Teeth

Blade Width: 1"

2.5" Blade Depth #C1013
4" Blade Depth #C1013-01



5-Prong Rake Blade

Blade Width: 1"

1" Blade Depth #7450-10B



Wide Standard Blades

Blade Width: 2"

2" Blade Depth #7450-W-02
3" Blade Depth #7450-W-03
4" Blade Depth #7450-W-04
5" Blade Depth #7450-W-05



Extra Wide Blades

Designed by Andrew D. Bunta, MD

Blade Width: 2.75"

2.5" Blade Depth #7460-01
3.25" Blade Depth #7460-02



Long Standard Blades

Handle Length: 8"

Blade Width: 1"

2" Blade Depth #7451-02
3" Blade Depth #7451-03
4" Blade Depth #7451-04
5" Blade Depth #7451-05
6" Blade Depth #7451-06



Radiolucent Standard Blades

Completely radiolucent with anodized aluminum handles and delrin blades

Blade Width: 1"

2" Blade Depth #7449-02R
3" Blade Depth #7449-03R
4" Blade Depth #7449-04R

Extra Large Standard Blades

Designed by Andrew D. Bunta, MD

Help retract soft tissue in larger patients

Blade Width: 1"

2" Blade Depth #7470-02
3" Blade Depth #7470-03
4" Blade Depth #7470-04



Toy Anterior Modified Hibbs Blade

Designed by Patrick Toy, MD

Designed to separate/protect the medial (rectus femoris) and lateral (tensor fascia lata) soft tissues

Blade Width: 1"

3.875" Blade Depth #7453
2.75" Blade Depth #7454



Bennett Style Blade

4" Blade Depth #7450-07A



Soft Tissue Blades

2" Blade Depth #7450-09A
2.5" Blade Depth #7450-09B



Hohmann Style Blades

4" Blade Depth #7450-08A
6" Blade Depth #7450-08B

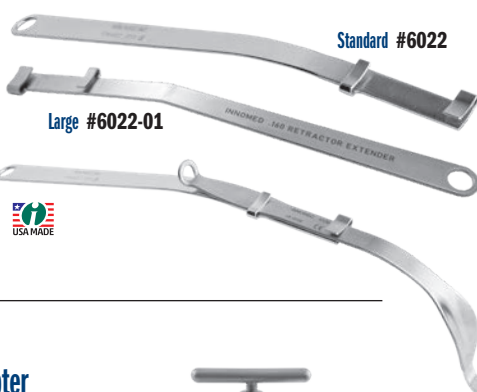


McPherson Retractor Extender

Designed by Ed McPherson, MD

Designed to extend a standard retractor to help provide additional leverage

Available in two sizes to accommodate most retractors — standard for retractors up to .125" (3,2 mm) thick, and large for retractors up to .16" (4 mm) thick.



Large #6022-01

Standard #6022



Hand/Waist Rest Adapter

Designed by Matthew Clayton, MD

Allows for hands-free use of a femoral elevator during posterior approach hip arthroplasty, the locking screw tightens onto the handle of many retractors/elevators to add a large surface for holding either by hand or by pressing into the waist



#8206

Stainless Steel and Radiolucent Arm Ratchet Frame Assembly

Designed for self-retaining wound exposure, the arms and blades of the OrthoLucent™ version are radiolucent and can be kept in place while using image intensification or taking an x-ray

- ▶ Arms rotate 180°
- ▶ Blades and mobile arm unit can be detached from ratchet body for cleaning



Set with OrthoLucent™ Arms and Blades #7428-00

One 50 mm & one 75 mm blade are included in each set. The optional 100 mm blade is available separately.

50 mm Blade #7427-02

75 mm Blade #7427-03

Optional 100 mm Blade #7427-04



OrthoLucent Parts

MADE EXCLUSIVELY FOR INNOMED IN SWITZERLAND

Stainless Steel Parts



Set with Stainless Steel Arms and Blades #7429-00

One 50 mm & one 75 mm blade are included in each set. The optional 100 mm blade is available separately.

50 mm Blade #7429-02

75 mm Blade #7429-03

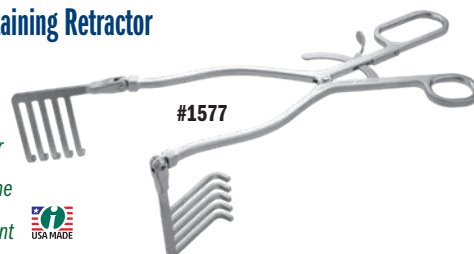
Optional 100 mm Blade #7429-04



Alvi Beckman Self-Retaining Retractor

Designed by Hasham Alvi, MD

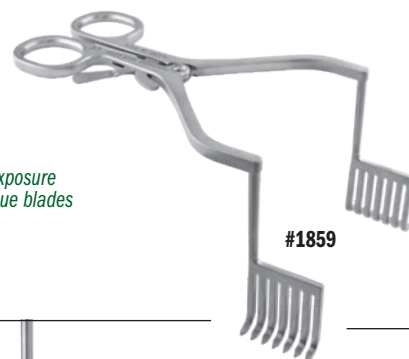
Designed for direct anterior approach hip arthroplasty, the wide, blunt and curved teeth help provide for better self-retaining retraction during dissection through the superficial and deep tissue planes to expose the hip joint



#1577

Double Bent Extended Deep Tissue Retractor

Designed to help maximize exposure with 90° arms and deep tissue blades

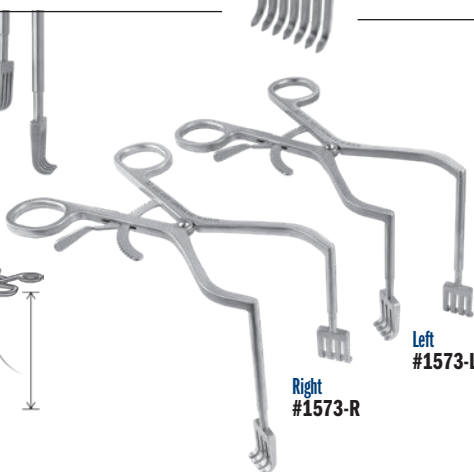
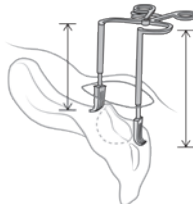


#1859

Durham Offset Zelpi Retractor

Designed by Alfred Durham, MD

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



Left #1573-L

Right #1573-R

Rogozinski Reverse Angle Retractors

Designed by Chaim Rogozinski, MD

Designed to be self-leveling, helping to maintain the body of the retractor on the patient for soft tissue retraction and out of the surgeons field, with finger loops designed for use with either hand

Designed for spine but can be used for other surgeries as well.



Small #4274

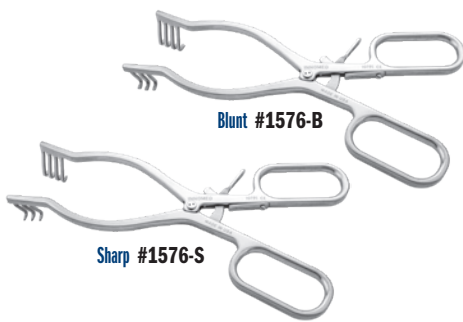
Medium #4273

Large #4272

Whelan Large Anterior Hip Weitlaner Retractor with Ergonomic Handle

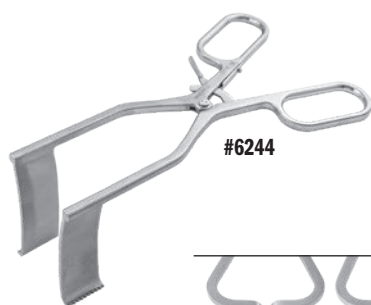
Designed by Edward J. Whelan III, MD

Designed for self-retaining exposure during anterior approach THA



Blunt #1576-B

Sharp #1576-S

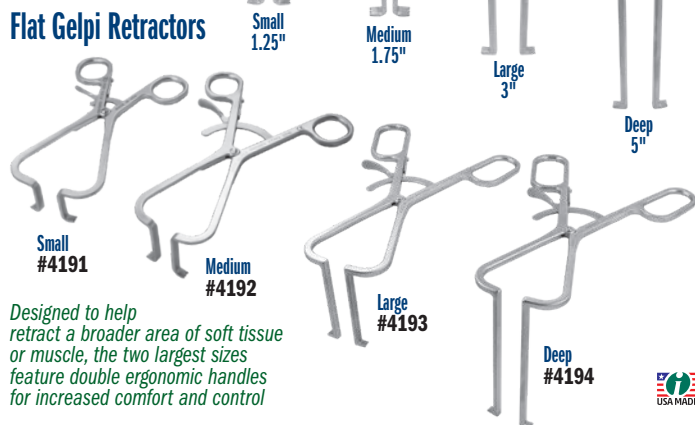


Deep Meyerding Retractor with Ergonomic Handle

A self-retaining soft tissue retractor for use in hip, knee, and shoulder surgery

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Flat Gelpi Retractors



Designed to help retract a broader area of soft tissue or muscle, the two largest sizes feature double ergonomic handles for increased comfort and control

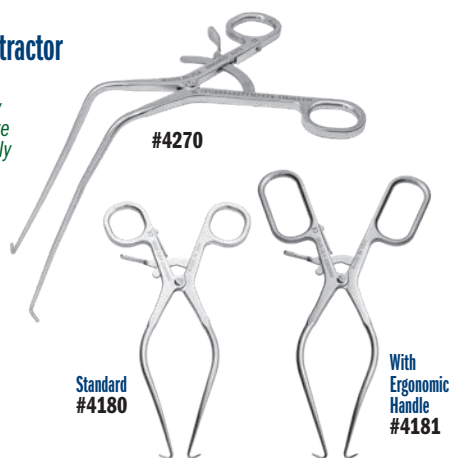
USA MADE

Romanelli Deep Gelpi Retractor

Designed by Ron Romanelli, MD

Offers the versatility and ability to be used on minimally invasive total hip replacements anteriorly or posteriorly, and can also be useful in spine surgery

USA MADE



Gelpi Retractors

USA MADE

Stulberg Incision Close Gelpi & Blade Set

Designed by S. David Stulberg, MD

Designed to help expose difficult to visualize areas at the end of incisions

Set - 1 Gelpi & 1 Blade #4269-00
Also Available Individually

USA MADE



Self-Retaining Tension Retractor

USA MADE



Retractor handle only – blades not included.

The expandable design allows for a wide variety of charley-style blades to be used for exposure in total joint and trauma procedures



Angled Capsule and Soft Tissue Clamp

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

USA MADE

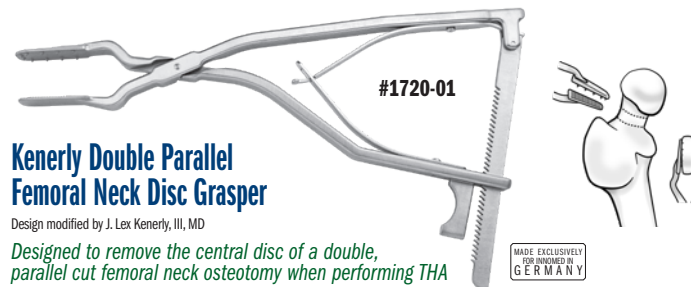


Bhargava Anterior Hip Labral Grasper

Designed by Tarun Bhargava, MD

Designed to help remove the labrum and soft tissues in anterior total hip surgery, and very useful in helping to remove posterior osteophytes in knee surgery

USA MADE



Kenerly Double Parallel Femoral Neck Disc Grasper

Design modified by J. Lex Kenerly, III, MD

Designed to remove the central disc of a double, parallel cut femoral neck osteotomy when performing THA

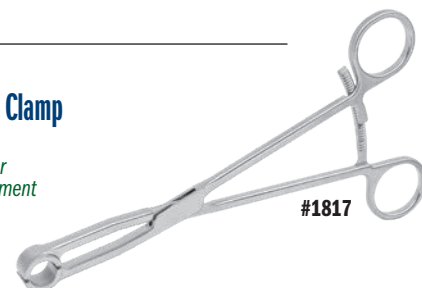
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Duellman Total Hip Trunnion Clamp

Designed by Todd Duellman, MD

Designed for use on a trial modular neck/trunnion at the time of placement on/off the femoral stem to help determine offset and neck length

USA MADE



Namba Bone Graft Slide

Designed by Robert S. Namba, MD

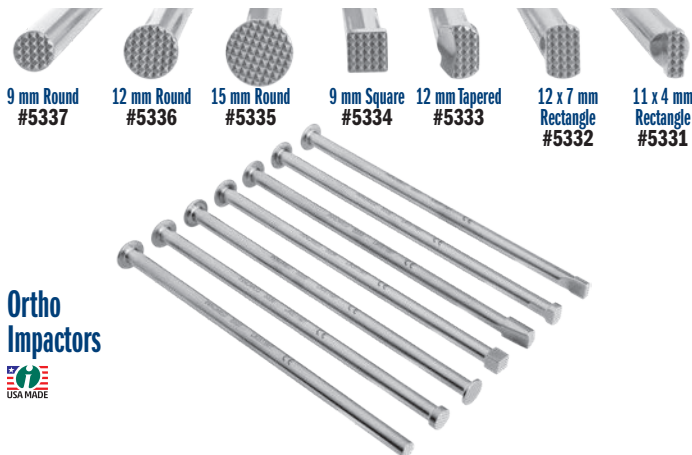
Designed to efficiently guide allograft material into the acetabulum, helping to reduce waste of expensive allograft material by providing a holding trough and slide for effective, directed delivery



#6888

USA MADE





Ortho Impactors



Universal Bone Grafting/Impacting Forceps

Designed by J. A. Amis, MD

Bone graft can be grasped, placed & impacted without changing hands or instruments – four end diameters are available in two lengths

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY

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

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

1/8" (3,2 mm) 3/16" (4,8 mm) 1/4" (6,3 mm) 5/16" (8 mm)

Diameter ends at actual size (closed forceps)

Modular Impactor Set

Makes multiple impactor heads easily visible and available

Complete Set #5370
Also Available Individually



STEEL TIP	Stainless Steel Impactor Sizes	Delrin Impactor Sizes
Rectangular 11 x 4 mm #5370-01	11 x 4 mm	11 x 4 mm
Oval 13 x 8 mm #5370-02	13 x 8 mm	13 x 8 mm
Crescent 12 x 5 mm #5370-03	12 x 5 mm	12 x 5 mm
Square 9 x 9 mm #5370-04	9 x 9 mm	
Round 15 mm #5370-05	15 mm	
Round 12 mm #5370-06	12 mm	
Round 9 mm #5370-07	9 mm	

DELIN TIP

Rectangular 11 x 4 mm
#5370-D1
Oval 13 x 8 mm
#5370-D2
Crescent 12 x 5 mm
#5370-D3

Modular Impactor Handle
#5370-H

Impactor Set Base
#5370-19



Sanders Femoral Neck Cutting Blocks

Designed by Richard A. Sanders, MD

Designed to help with accurate placement of the femoral neck osteotomy in total hip surgery, they are used to measure the distance from the proximal end of the lesser trochanter to the level of the femoral neck osteotomy



5 x 10 mm #4555

10 x 10 mm #4560

10 x 15 mm #4565

10 x 20 mm #4570

10 x 25 mm #4575



Bone Graft Impactors

Tap bone graft or bone parts into place with minimal bone trauma

Designed with serrated, stainless steel tips and available in three shapes: round, square and rectangular.



Malleable Bone Tamp – Extra Small

Modified by Serge Kaska, MD & Amal Das, MD

Designed to help impact bone into acetabular cup holes



#5296-02

Malleable shaft can be contoured for different angles



Long Bonney Tissue Forceps

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





#1326

Steam sterilizable.

IHS Inclinometer

Designed by Craig J. Della Valle, MD

Helps to accurately predetermine angles for acetabular cup positioning and insertion – calibrated from 0 to 45°, the indicator may be used on the reamer shaft, the trial cup shaft and the cup impactor shaft



See page 2 for Accuracy Statement for devices with a measuring function.



Bottom Profile with Magnets

AccuAngle Indicator

Designed by S. David Stulberg, MD, A. Llinas, MD and J. Navas, MD

Helps to accurately predetermine angles for acetabular cup positioning and insertion – calibrated from 0 to 45°, the indicator may be used on the reamer shaft, the trial cup shaft and the cup impactor shaft



See page 2 for Accuracy Statement for devices with a measuring function.

#1325

Steam sterilizable without vacuum.



WARNING: Do not strike glass indicator tube.

Sterilizable Level

Steam sterilizable without vacuum for use in surgery, the level is helpful in hip surgery to ensure the leg is in the same position when checking leg length



See page 2 for Accuracy Statement for devices with a measuring function.

#1180



Includes magnets along the bottom.

Lombardi Self-holding X-ray Magnification Marker

Designed by Adolph Lombardi, MD

Helps to remove the variable of X-Ray magnification factor from the process of Orthopedic templating

Fully positionable, this orthopedic X-Ray calibration and marking device features a 1" (25.4mm) stainless steel ball which, when properly positioned at bone level on a precise anatomical plane, will be this exact size when viewed from all angles, allowing it to be used as a calibration marker in surgical planning software applications, helping to gauge the size of other components on that plane. This helps establish precise anatomical measurement.

The flexible, adjustable arm can help reduce patient (and technologist) embarrassment or discomfort when it is required to be positioned in a sensitive area such as the inner thigh.



See page 2 for Accuracy Statement for devices with a measuring function.

#2672



Ruler with 45° Angle Handle

Designed by Richard A. Sanders, MD

Useful for measuring distances in small deep incisions – ideal for measuring the distance from the lesser trochanter to the center of the trial femoral head during femoral sizing

See page 2 for Accuracy Statement for devices with a measuring function.

#1430



Ruler with Right Angle Handle

Designed to be used to measure the femoral head/neck length – very helpful in minimally invasive surgery



See page 2 for Accuracy Statement for devices with a measuring function.

#1450



Wixson Leg Length Gauge

Designed by R.L. Wixson, MD

Used for interoperative leg length measurement during minimally invasive total hip arthroplasty



2" Depth #1210-02
2.75" Depth #1210-03

See page 2 for Accuracy Statement for devices with a measuring function.



Cannestra Hip Length Gauge

Designed by Vince Cannestra, MD

Helps determine leg length and hip offset in total hip arthroplasty, including minimally invasive techniques

Ruler #1327-03



Pin - 100 mm #1327-01

T-Handle #1327-02

Pin - 130 mm (Not Shown) #1327-04

Case (Not Shown) #1025

See page 2 for Accuracy Statement for devices with a measuring function.

Set with Case #1327-00
Also Available Individually



Set consists of one Ruler, one Pin Insertor/Extractor Handle, one 100 mm Pin, one 130 mm Pin, and a case.



Leg Length Caliper

Designed by Michael Koonin, MD

#1195



See page 2 for Accuracy Statement for devices with a measuring function.



Koonin Leg Length Caliper - Small

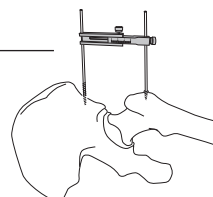
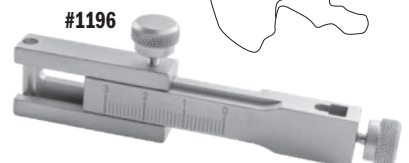
Designed by Michael Koonin, MD

Designed for use in small incisions to help measure and evaluate pre- and post-THR leg length in conjunction with X-ray calibration and clinical judgement



See page 2 for Accuracy Statement for devices with a measuring function.

#1196



Tissue Protector

Helps protect tissue when a straight reamer is being used



19 mm
#5480-01



Clear Vision Debris Shield

Designed by R. Barry Sorrells, MD

Provides a degree of restriction from flying debris or liquid during surgery



#8031-01

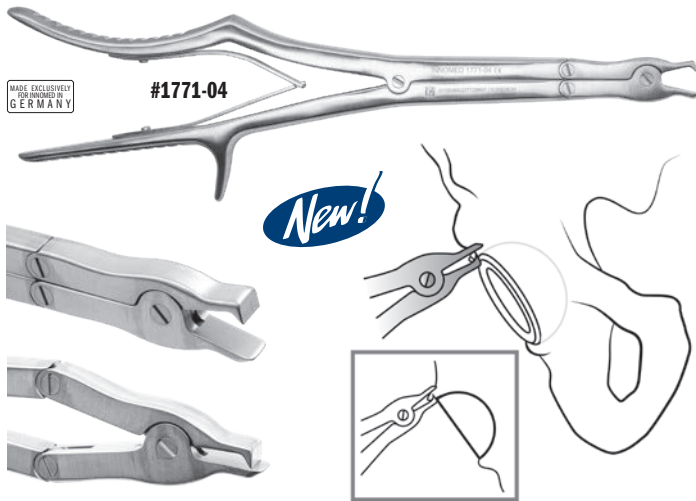


Kopplin Osteophyte Rongeur for Direct Anterior THA

Designed by Matthew Kopplin, MD

Designed to help remove osteophytes around the acetabulum in anterior THA

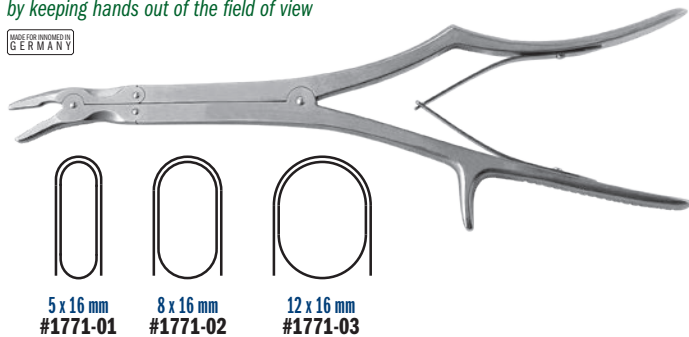
Helps to allow clean sharp cuts with better control. Thin flat tip helps to pass along the bone easier.



Extra Long Rongeur

Helpful in minimally invasive total hip surgery by keeping hands out of the field of view

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



Mazzara Pistol Grip Extra Long Rongeur

Designed by James T. Mazzara, MD

17 x 7 mm Jaw.

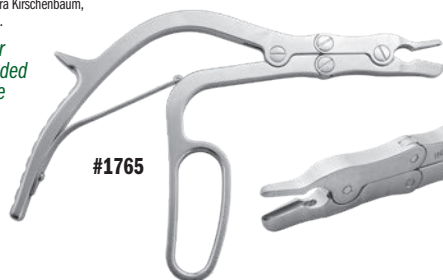


Pistol Grip handle lessens hand fatigue and slippage, and allows for better visualization

Modified Rongeur with Pistol Grip Handle

Design modification by Morteza Meftah, MD and Ira Kirschenbaum, MD, of an original design by James T. Mazzara, MD.

A thin top cutter and deep lower cutter, with edges that are rounded off, allows the top cutter to slide into a tight space—specifically the acetabulum or the patella—while the pistol grip helps lessen hand fatigue and slippage, and allows for better visualization



Mazzara Rongeur with Pistol Grip Handle

Designed by James T. Mazzara, MD

Pistol Grip handle lessens hand fatigue and slippage, and allows for better visualization



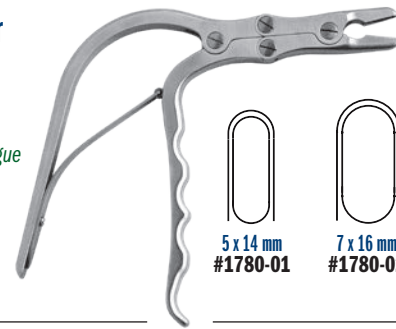
5 x 14 mm
#1765-01

7 x 16 mm
#1765-02

10 x 16 mm
#1765-03

Ortho Rongeur with Easy Grip Handle

Offset handle lessens hand fatigue and slippage, and allows for better visualization



5 x 14 mm
#1780-01

7 x 16 mm
#1780-02

10 x 16 mm
#1780-03

Beicker Hammerhead Rongeur

Designed by Clint Beicker, MD

Designed to help remove osteophytes from around the acetabulum, tibia, and glenoid

15 x 7 mm Jaw.



#1775-05

Hannum Modified Angled Grasper

Designed by Scott Hannum, MD

Heavy duty large bone grasper designed to help trim acetabular osteophytes—angled to ergonomically fit around the rim via the direct anterior approach



#1775-04

Hannum Grasper

Designed by Scott Hannum, MD

Teeth in jaw firmly holds bone and tissue



Jaw widths at actual size

Long 3 mm Jaw
#1775-03

Medium 5 mm Jaw
#1775-02

Short 8 mm Jaw
#1775-01



Sarraf Toothed Curettes

Designed by Khaled Sarraf, MD

Forward, straight, and reverse bent toothed curettes designed to aid in all types of joint arthroplasty surgery, especially in scraping any articular chondral islands within the acetabulum during THA preparation

- ▶ Can also be used for the femoral canal in cemented and uncemented THA
- ▶ Valuable aid in revision arthroplasty (hip, knee, shoulder and ankle) for cement curettage
- ▶ Useful tool in hip and knee primary arthroplasty as well as shoulder, elbow and ankle arthroplasty procedures



Set #5174-00

Also Available Individually



Lambotte Osteotomes with Handle

Designed by John Cherf, MD. Half inch width version designed by Joel Wells, MD.

Handle allows for better control, reducing rotation during use

1/4" Straight #5250-01

1/4" Curved #5260-01

1/2" Straight* #5276-01

1/2" Curved* #5276-02



* MADE EXCLUSIVELY FOR INNOVATION IN GERMANY

Wagner Osteotome Handle

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

1/4" Osteotome #5348-01

Handle #5348

Osteotome not included.



Modified Lambotte Osteotomes

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

Two smallest sizes have an 1/8" hole in which an 1/8" pin can be used as a cross bar (not included).

Set with Case #5350-00

Also Available Individually



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1/4" #5350-25*

1/2" #5350-50*

3/4" #5350-75

1" #5350-100

1-1/4" #5350-125

1-1/2" #5350-150



Cross Bar #5350-CB

See page 2 for Accuracy Statement for devices with a measuring function.

Cement Packer & Trimmer

Designed by Harlan C. Amstutz, MD

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



#4995

Chandran Bent Serrated Curette

Designed by Rama E. Chandran, MD

Serrated design allows for easier removal of cancellous bone in the proximal femur in total joint arthroplasty



#5171



Cross Bar #5350-CB

Mueller Style Hip Instruments



Angled Small - 10 X 18 mm #5160-01

Straight Small - 10 X 18 mm #5160-02

Angled Medium 10 X 24 mm #5160-03

Angled Large - 24 X 24 mm #5160-04

Straight Medium 10 X 24 mm #5160-05



Case Only (Not Shown) #9007

Large Bone Curettes

Designed with a 8 mm diameter shaft allowing better visualization into the medullary canal

Set with Case #5160

Also Available Individually

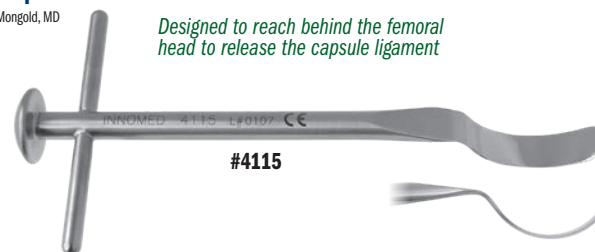


Mongold Capsule Knife

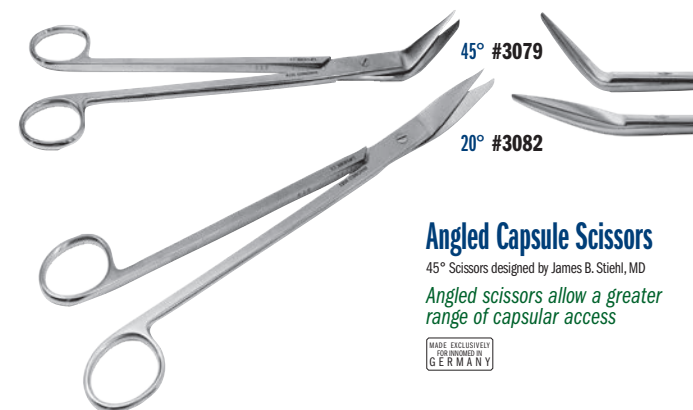
Designed by Evie Mongold, MD



Designed to reach behind the femoral head to release the capsule ligament



#4115



Angled Capsule Scissors

45° Scissors designed by James B. Stiehl, MD

Angled scissors allow a greater range of capsular access

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HIP

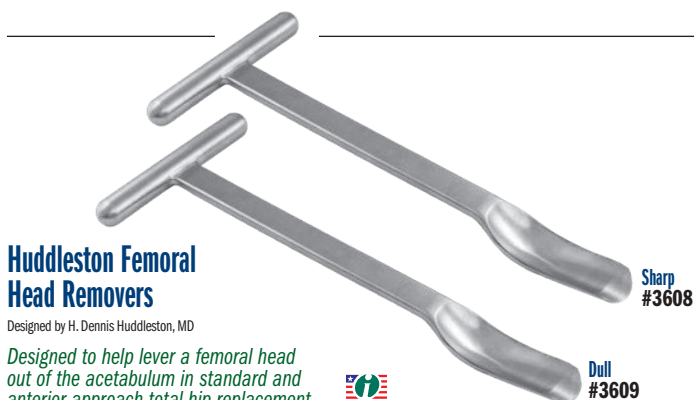
HIP

O'Reilly Femoral Head Extractor

Designed by Michael P. O'Reilly, MD
Small version design modification by Tarun Bhargava, MD



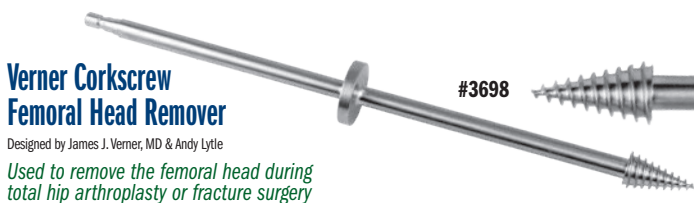
Designed to help remove the femoral head—during THA, MIS Direct Anterior THA, and hip fracture surgery/hemiarthroplasty, the perpendicular osteotome blades help provide purchase in osteoporotic bone, while the central osteotome provides a visual estimate of the instrument's depth of penetration to avoid acetabular injury with use during hemiarthroplasty, and the handle helps obtain rotational torque needed to rotate and dislocate the femoral head in direct anterior hip arthroplasty



Huddleston Femoral Head Removers

Designed by H. Dennis Huddleston, MD

Designed to help lever a femoral head out of the acetabulum in standard and anterior approach total hip replacement



Verner Corkscrew Femoral Head Remover

Designed by James J. Verner, MD & Andy Lytle

Used to remove the femoral head during total hip arthroplasty or fracture surgery



Femoral Head Removal Pin

Partial threaded pin used to help remove a femoral head during total hip surgery



Schanz Pin with Zimmer Hall Quick-connect

Designed by Keith Berend, MD

Partial threaded pin used to help remove a femoral head during total hip surgery



Femoral Head Extraction Clamp

Designed by Shara Diers, PA-C



Designed to help remove the femoral head during hip replacement surgery

Rivero Anti-Rotation Corkscrew Femoral Head Remover

Designed by Dennis Rivero, MD

Designed to help prevent rotation while engaging a femoral head for removal, the sharp-toothed sleeve can be tapped in to help provide purchase of the femoral head, then held to help prevent rotation as the super-threaded corkscrew is turned to engage the head for removal

Set #3705
Also Available Individually

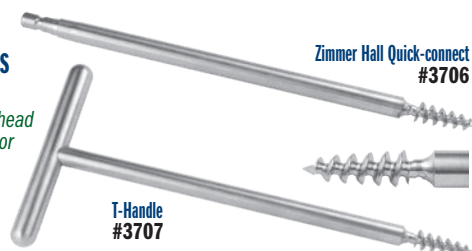


Rivero Extra Grip Femoral Head Removers

Modified by Dennis Rivero, MD

Used to remove the femoral head during total hip arthroplasty or fracture surgery

Quick-connect version for use with a driver.



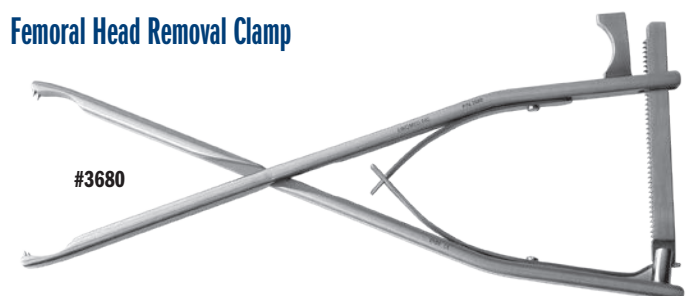
Femoral Head Removers

Used to remove the femoral head during total hip arthroplasty or fracture surgery

Quick-connect version for use with a driver.



Femoral Head Removal Clamp



Firmly locks onto a resected femoral head during total hip, hip fracture, and MIS total hip surgery



Bhargava Modular Offset Cup Liner Impactor

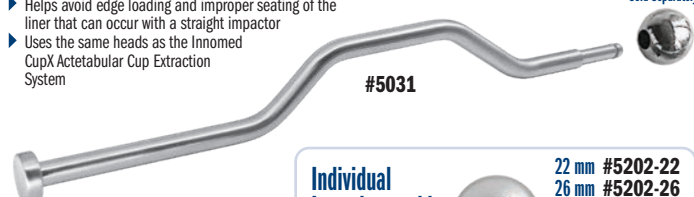
Designed by Tarun Bhargava, MD



Designed to help impact an acetabular cup liner during minimally invasive direct anterior and MIS posterior approach THR

- Used in conjunction with individual interchangeable heads (sold separately) which fit securely onto the impactor end
- Helps avoid edge loading and improper seating of the liner that can occur with a straight impactor
- Uses the same heads as the Innomed CupX Acetabular Cup Extraction System

Interchangeable Heads
Sold Separately



Individual
Interchangeable
Steel Heads
Sold Separately

22 mm	#5202-22
26 mm	#5202-26
28 mm	#5202-28
32 mm	#5202-32
36 mm	#5202-36
38 mm	#5202-38

Offset Cup Liner Inserter

Offset to improve visualization and for mis hip surgery



32 mm #5032
36 mm #5036



Curved Femoral Head Impactor

Designed by Amiee Zirpel

Allows for in-line femoral head impaction during minimally invasive THR, the curved offset handle allows the head impactor to be slid under the skin of a small incision, and helps provide hand-held stability and maneuverability within the wound, while the impaction platform is easily accessible outside the wound



#3644

Delrin

Bhargava DAA Femoral Stem Impactor

Designed by Tarun Bhargava, MD

Helps allow for easier impaction of most femoral stems through the DAA approach – protects the trunion and helps allow for control of version during impaction



#5308

Blair Acetabular Cup Positioner

Designed to help adjust the position of an acetabular cup



#4159

Wiater Hip Slide

Designed by J. Michael Wiater, MD, FAOS, FAA

Useful for total hip arthroplasty or hip preservation procedures in smaller patients

Also helps avoid damage to the prosthetic bearing surfaces during dislocation and reduction of a shoulder arthroplasty.



#6879

Manufactured of delrin to help eliminate damage to the implant. Can be steam or gas sterilized and is radiolucent.

Namba Hip Slide

Designed by Robert S. Namba, MD

Manufactured of delrin to help eliminate damage to the implant, safely glides femoral heads into the acetabulum – essential for ceramic heads



50-60 mm
#6892

40-48 mm
#6891

22-40 mm
#6890



Extended Cup Positioner

Design modification by James F. Kayanfar, MD of an original design by Thomas Eickmann, MD

Designed to help reposition an acetabular cup during total hip arthroplasty

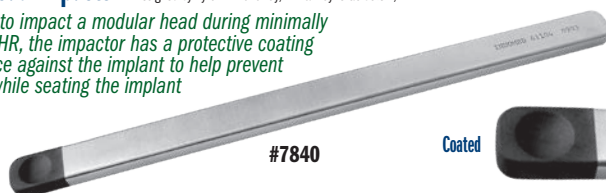


#5475-10

Taper Head Impactor

Designed by Byron E. Dunaway, MD & Wayne Goldstein, MD

Designed to impact a modular head during minimally invasive THR, the impactor has a protective coating to interface against the implant to help prevent damage while seating the implant



#7840

Coated

Modular Head Holder

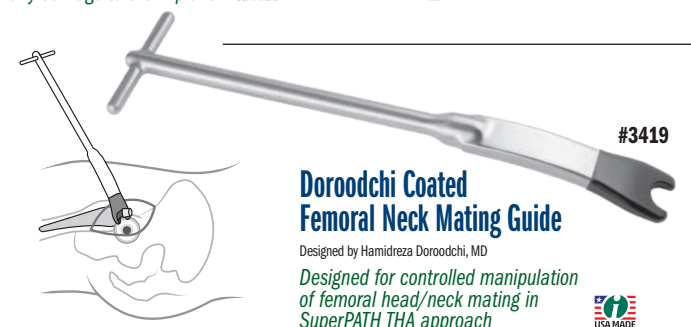
Designed by Byron E. Dunaway, MD & Wayne Goldstein, MD

Designed to hold 22 mm to 36 mm heads for ease of insertion in minimally invasive THR, the head holding ends are plastic coated to help eliminate any damage to the implant



7" #8290-01
9" #8290-02

Coated



#3419

Doroodchi Coated Femoral Neck Mating Guide

Designed by Hamidreza Doroodchi, MD

Designed for controlled manipulation of femoral head/neck mating in SuperPATH THA approach



Capello Patient Positioner

Designed by William Capello, MD

Provides stable positioning of a patient during hip procedures

Set with 2-Piece Board **#4090**
Set with 1-Piece Board **#4095**
Boards & Parts Also Available Individually



Sets Includes: Board, Gel Pad, (4) 6" Radiolucent Pegs, (4) 9" Radiolucent Pegs, (2) Stabilizing Clamps, (2) Table Clamps

Set Includes/Replacement Parts:

2-Piece Positioning Board **#4090-PB**
1-Piece Positioning Board **#4095-PB**
6" (15.2 cm) Radiolucent Peg **#4090-06**
9" (22.9 cm) Radiolucent Peg **#4090-08**
Stabilizing Clamp **#4090-SC**
Large Gel Pad **#4090-01**
Table Clamp **#9120**

Optional Parts:

Peg Gel Pad **#4090-02**
4" Peg Extension **#4090-EXT**
6" Peg Extension **#4090-EXT6**
8" Peg Extension **#4090-EXT8**



Two-piece board design with interlocking board pieces for easy handling and storage

Also available in a one-piece design

Optional Peg Pad



Optional 4", 6", & 8" Peg Extensions

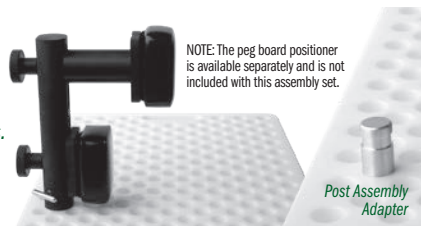
All gel pads, pegs and peg height extensions can be used with existing peg boards. The pegs are radiolucent.

Large Patient Peg Board Positioner Post Assembly

Designed by Paul Ramsey, MD

Especially helpful with large patients where reaching the a.s.i.s. is needed for stabilization

Complete Set **#4150-10P**
Also Available Individually



NOTE: The peg board positioner is available separately and is not included with this assembly set.

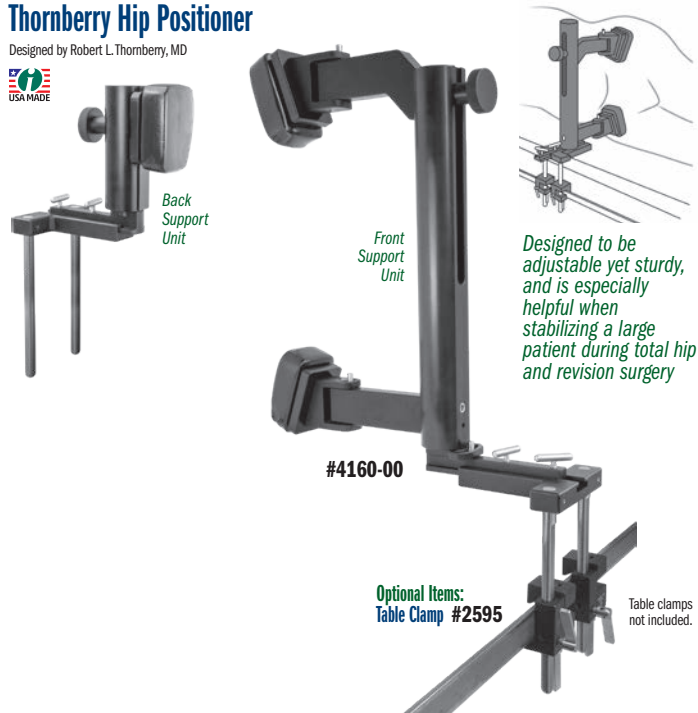
Post Assembly Adapter

Set Includes/Available Individually:

Post Assembly Adapter **#4090-03**
10" (25.4 cm) Post with 2 Pads **#4150-10B**
2" (5.1 cm) Spacer with 4" (10.2 cm) Knob **#4150-EXT**
4" (10.2 cm) Spacer with 6" (15.2 cm) Knob **#4150-EXT4**

Thornberry Hip Positioner

Designed by Robert L. Thornberry, MD



Back Support Unit

Front Support Unit

Designed to be adjustable yet sturdy, and is especially helpful when stabilizing a large patient during total hip and revision surgery

#4160-00

Optional Items:
Table Clamp **#2595**

Table clamps not included.

Das Anterior Hip Bolster Assembly

Designed to help provide counter resistance on the contralateral hip during reaming and implant insertion in direct anterior hip arthroplasty

Design modification by Amal Das, MD of original design by Benjamin M. Frye, MD

Complete Set **#4166-00**
Also Available Individually



Set Includes/Available Individually:

Das Anterior Hip Bolster Support **#4166-01**
Das Anterior Hip Bolster Rod **#4166-02**

Set Includes/Replacement Parts:

Table Clamp **#2595**
Positioning Pads - Set of 2 **#4150-PD2**
Post Screw **#4150-PS**

Direct Anterior THA Leg Positoner

Designed by Benjamin M. Frye, MD

Designed to help position the operative leg for femoral preparation in direct anterior approach total hip arthroplasty using a standard operating table

- ▶ Allows one assistant to secure the leg for femoral preparation
- ▶ Attaches directly to a standard operating table
- ▶ Allows easy assessment of hip stability and leg length discrepancy
- ▶ Measurement scale on the support rod helps to allow for precise and reproducible placement of the leg positioner according to surgeon preference



#4165-00

US Patent No. 11,744,757

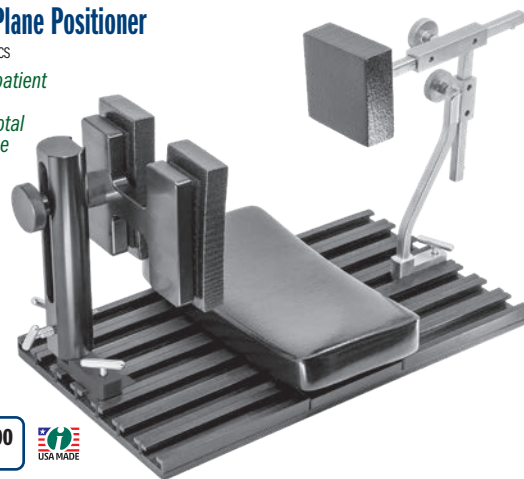
See page 2 for Accuracy Statement for devices with a measuring function.

Belfast Sagittal Plane Positioner

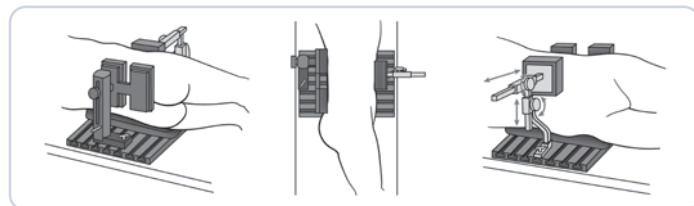
Designed by David Beverland, FRCS

A sturdy and stable patient support system for posterior approach total hip arthroplasty in the lateral decubitus position

- ▶ Does not attach to the table, making it compatible with all OR tables
- ▶ Very secure and easy to tighten
- ▶ Accommodates the very obese patient



Complete Set **#4170-00**
Also Available Individually



Set Includes/Available Individually:

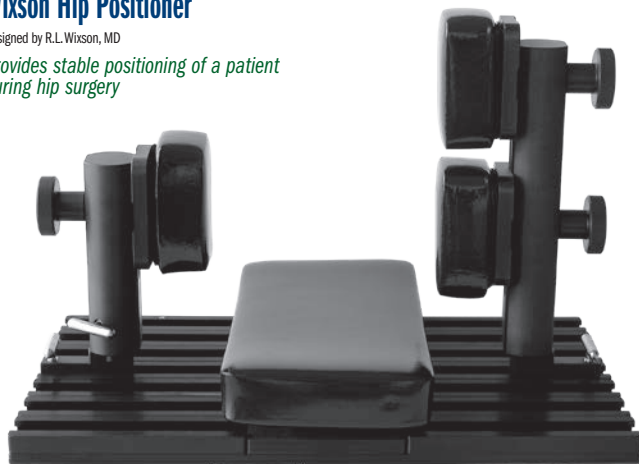
Anterior Upright Support **#4170-03**
Anterior Plane Support **#4170-04**
Anterior Clamp Support **#4170-05**
Anterior Knob Screw **#4170-AKS**
Two (2) included in Set, One (1) with this product number
Anterior Plane Pad **#4170-AP**
Posterior Sagittal Plane Support **#4170-06**
Posterior 9.5" Post **#4170-07**
Posterior Knob Screw **#4170-PKS**

Posterior Base **#4170-08**
Posterior Angle Adjuster **#4170-09**
Posterior T-Handle Screw **#4170-T**
Posterior Support Pad **#4170-PP**
Two (2) included in Set, One (1) with this product number
Post Screw **#4150-PS**
Three (3) included in Set, One (1) with this product number
20" Baseplate Only **4050-BP**
Hip Positioner Large Pad **4050-LPD**

Wixson Hip Positioner

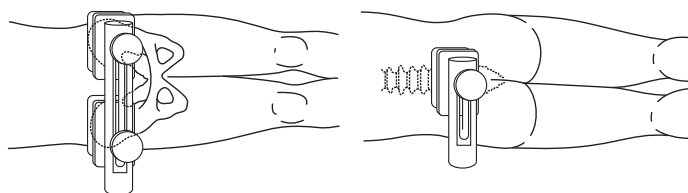
Designed by R.L. Wixson, MD

Provides stable positioning of a patient during hip surgery



The set consists of: One 10" post with double pads, one 6" post with a single pad, one 20" base plate, one base plate pad, two 2" spacers, one 4" knob, and one 6" knob.

Complete Set #4050
Also Available Individually



Optional Hip Positioner Parts:



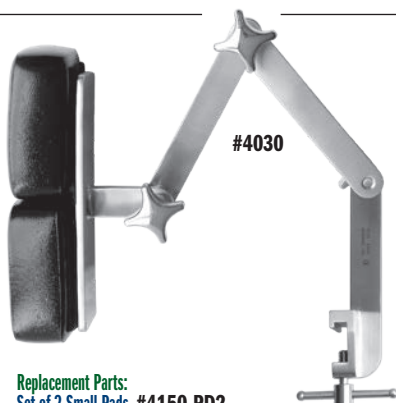
Optional & Replacement Parts:

2" (5.1 cm) Spacer **#4150-C**
4" (10.2 cm) Spacer **#4150-C4**
4" (10.2 cm) Knob **#4150-EK**
For use with 2" Spacer
6" (15.2 cm) Long Knob **#4150-EK4**
For use with two 2" Spacers or one 4" Spacer
8" (20.3 cm) Long Knob **#4150-EK6**
For use with one 2" Spacer and one 4" Spacer
2" Spacer with 4" Knob **#4150-EXT**
4" Spacer with 6" Knob **#4150-EXT4**
4" and 2" Spacer with 8" Knob **#4150-EXT6**

6" (15.2 cm) Post **#4150-06**
8" (20.3 cm) Custom Post **#4150-08**
9" (22.9 cm) Custom Post **#4150-09**
10" (25.4 cm) Post **#4150-10**
12" (30.5 cm) Custom Post **#4150-12**
14" (35.6 cm) Custom Post **#4150-14**
Set of 3 Small Pads **#4150-PD3**
Large Pad **#4050-LPD**
20" (50.8 cm) Wide Baseplate **#4050-BP**
24" (61 cm) Custom Wide Baseplate **#4050-BP24**

Multi-Adjustment Hip Positioner

Provides stable positioning of a patient during hip surgery, the multi-adjustment arms allow the positioner to be adjusted to fit all sizes of patients, and is especially helpful with large patients where reaching the a.s.i.s. is needed for stabilization

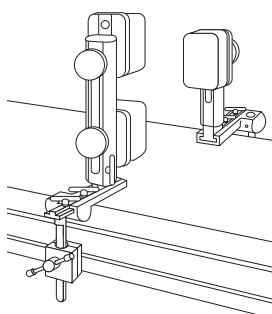


Replacement Parts:
Set of 2 Small Pads **#4150-PD2**

Stulberg Hip Positioner

Designed by S. David Stulberg, MD

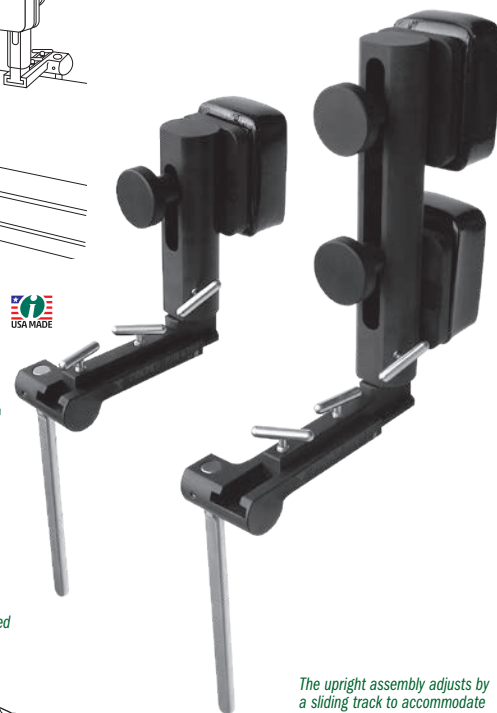
Provides stable positioning of a patient during hip surgery



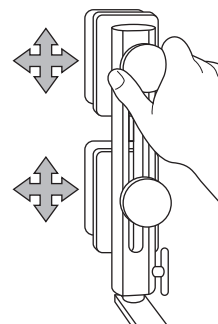
Complete Set #4150-00
Also Available Individually



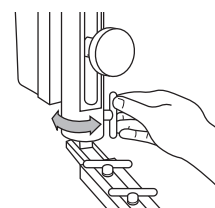
The set consists of: One 10" post assembly with double pads and one 6" post assembly with a single pad, two 2" spacers, one 4" knob, one 6" knob, and two table attachments.



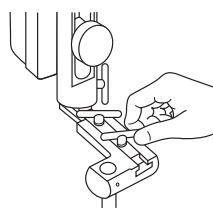
The pads can be adjusted for height and width.



The upright assembly can be rotated and locked in place.



The upright assembly adjusts by a sliding track to accommodate various sized patients. It is locked in the sliding track by tightening one or two locking bolts.



Optional & Replacement Parts:

2" (5.1 cm) Spacer **#4150-C**
4" (10.2 cm) Spacer **#4150-C4**
4" (10.2 cm) Knob **#4150-EK** For use with 2" Spacer
6" (15.2 cm) Long Knob **#4150-EK4** For use with two 2" Spacers or one 4" Spacer
8" (20.3 cm) Long Knob **#4150-EK6** For use with one 2" Spacer and one 4" Spacer
2" Spacer with 4" Knob **#4150-EXT**
4" Spacer with 6" Knob **#4150-EXT4**
4" and 2" Spacer with 8" Knob **#4150-EXT6**
6" (15.2 cm) Post **#4150-06**
8" (20.3 cm) Custom Post **#4150-08**
9" (22.9 cm) Custom Post **#4150-09**
10" (25.4 cm) Post **#4150-10**
12" (30.5 cm) Custom Post **#4150-12**
14" (35.6 cm) Custom Post **#4150-14**
Set of 3 Small Pads **#4150-PD3**
Table Attachment **#4150-TA**
Storage Case **#9002**

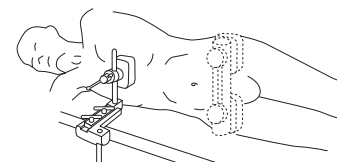


Storage Case Included

Wixson/Stulberg Anterior Trunk Support

Designed by R.L. Wixson, MD and S. David Stulberg, MD

Helps protect the chest and shoulders from slumping forward during total hip surgery



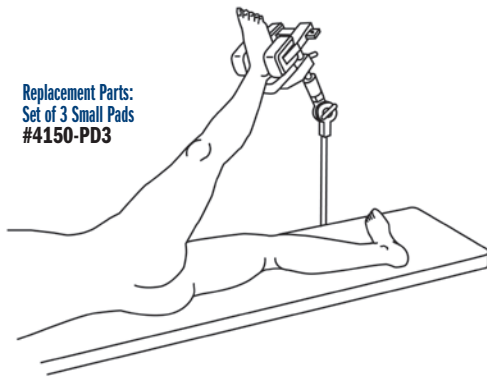
4110
USA MADE





#2270

Replacement Parts:
Set of 3 Small Pads
#4150-PD3



Cherf Leg Holder

Designed by John Cherf, MD

Supports the lower extremity for prepping before hip or knee surgery



Universal Modular Femoral Hip Component Extractor

Helps remove a femoral hip stem after the modular head has been removed

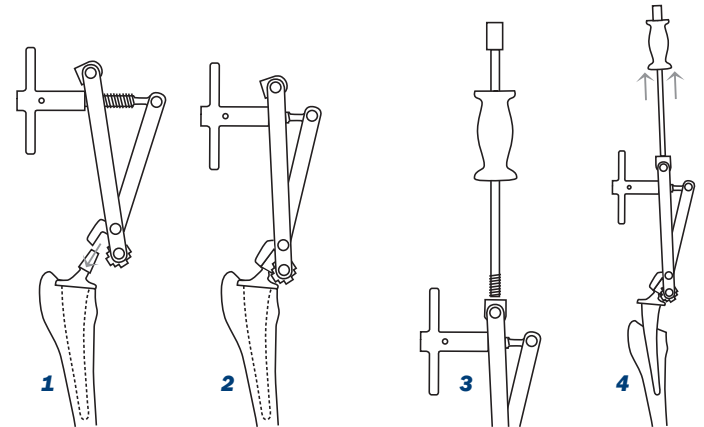


Extractor with Standard Slap Hammer #3610

Includes/Available Individually:

Extractor Only #3610-01
Standard Slap Hammer #3925

Optional Part:
Extra Large Slap Hammer #3935



1 Open Extractor Jaws

The extractor is opened to accommodate any size taper on a modular head total hip stem.

2 Use T-Handle To Clamp Onto Taper

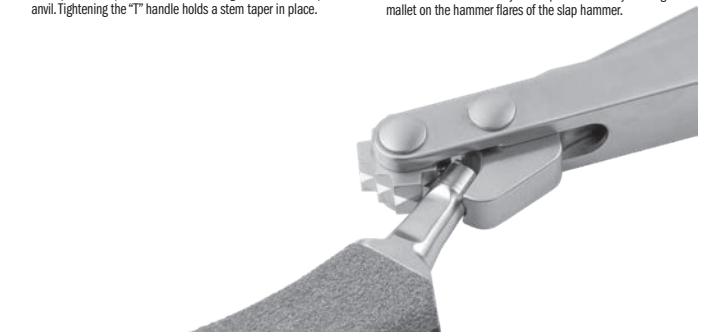
The taper is clamped between the rotating block and the taper anvil. Tightening the "T" handle holds a stem taper in place.

3 Attach Slap Hammer

The slap hammer is screwed into the swivel block. The slap hammer can be aligned with the stem utilizing the swivel block.

4 Use Slap Hammer To Remove Component

Extraction is carried out by the slap hammer or by utilizing a mallet on the hammer flares of the slap hammer.



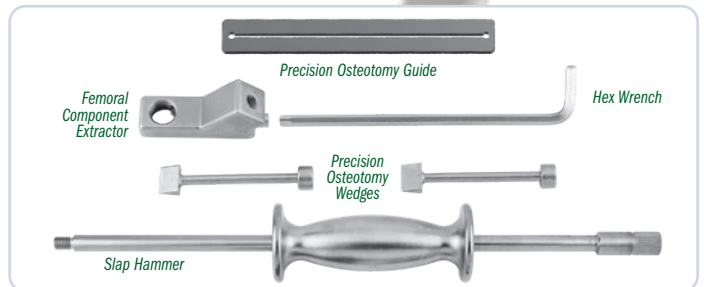
Unger Universal Femoral Component Extractor with Precision Osteotomy Guide

Designed by Anthony Unger, MD

Designed to help extract a femoral component — includes a guide used to make an osteotomy cut and wedges to separate bone away from the component



Set with Case #3615-00
Also Available Individually



Femoral Component Extractor

Precision Osteotomy Guide

Hex Wrench

Precision Osteotomy Wedges

Slap Hammer

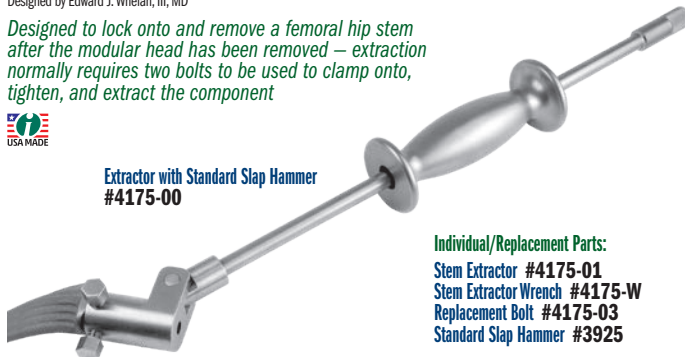
Whelan Hip Stem Extractor

Designed by Edward J. Whelan, III, MD

Designed to lock onto and remove a femoral hip stem after the modular head has been removed — extraction normally requires two bolts to be used to clamp onto, tighten, and extract the component



Extractor with Standard Slap Hammer
#4175-00



Individual/Replacement Parts:

Stem Extractor #4175-01
Stem Extractor Wrench #4175-W
Replacement Bolt #4175-03
Standard Slap Hammer #3925

Extractor Set Includes:
Stem Extractor, Wrench, (4) Bolts, Standard Slap Hammer



Whelan Extractor Strike Plate Attachment

Designed by Edward J. Whelan, III, MD

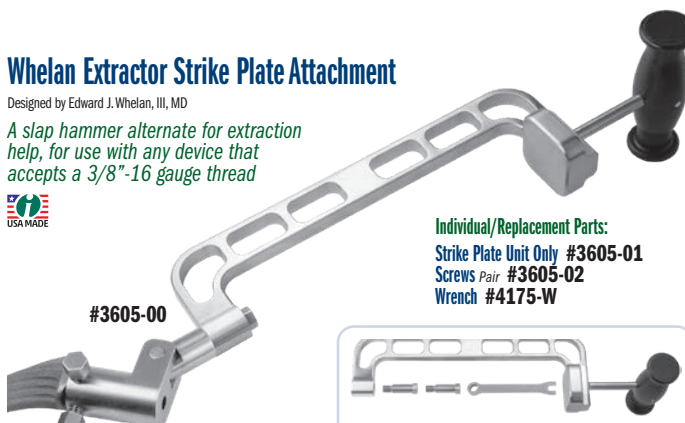
A slap hammer alternate for extraction help, for use with any device that accepts a 3/8"-16 gauge thread



#3605-00

Individual/Replacement Parts:

Strike Plate Unit Only #3605-01
Screws Pair #3605-02
Wrench #4175-W



Attachment Set Includes:
Strike plate unit, wrench, and two (2) screws.



Femoral Extraction Instruments

Designed to help in the removal of various types of femoral implants



Loop Extractor
with Standard
Slap Hammer
#S1202

Loop
Extractor Only
#S1202-01



J-Hook Extractor
with Standard
Slap Hammer
#S1203

J-Hook
Extractor Only
#S1203-01



One-Piece Extractor
with Standard Slap
Hammer
#S1204

One-Piece
Extractor Only
#S1204-01

Optional Part: Extra Large Slap Hammer #3935

Standard and Extra Large Slap Hammers



For use with any device that
accepts a 3/8"-16 gauge thread



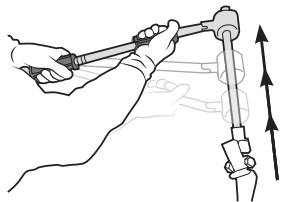
Standard Slap Hammer #3925



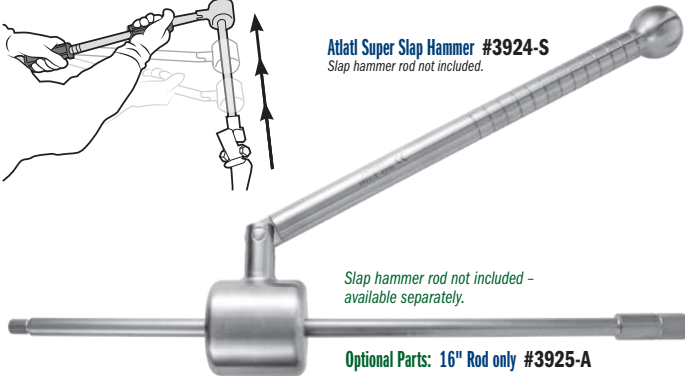
Extra Large Slap Hammer #3935

Atlant Super Slap Hammer

Designed for when extra powerful
slap hammer force is needed



Atlant Super Slap Hammer #3924-S
Slap hammer rod not included.



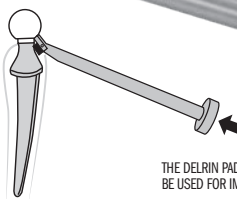
Slap hammer rod not included -
available separately.

Optional Parts: 16" Rod only #3925-A

Femoral Head Disengaging Punch

Designed by Brandon Thompson, CST/CFA

Designed to help protect the
femoral stem trunnion while
removing the femoral head



THE DELRIN PAD SHOULD NOT
BE USED FOR IMPACTION.

#8626



Offset Punches

Used to help remove a hip prosthesis stem via a
window in the shaft of the femur, two sizes of offsets
allow the punches to be used to tap on a distal portion
of the hip stem, after a window has been made in the
femur below the tip of the stem



Kudrna Hip Stem Taper Protectors

Designed by James Kudrna, MD

Used to cover and protect the hip stem
taper of a femoral component – especially
helpful in cup revision surgery



11/13 #1151



12/14 #1152



14/16 #1153



Lombardi Taper Cleaner

Designed by Adolph V. Lombardi, MD

Designed to help clean a hip stem taper of corrosive
byproducts prior to placement of the new femoral head



Small Short Taper 11.3/12.2 mm #8034
Long Taper 11.4/13.4 mm #8034-01
11/13 mm #8035-01
12/14 mm #8035-02
14/16 mm #8035-03

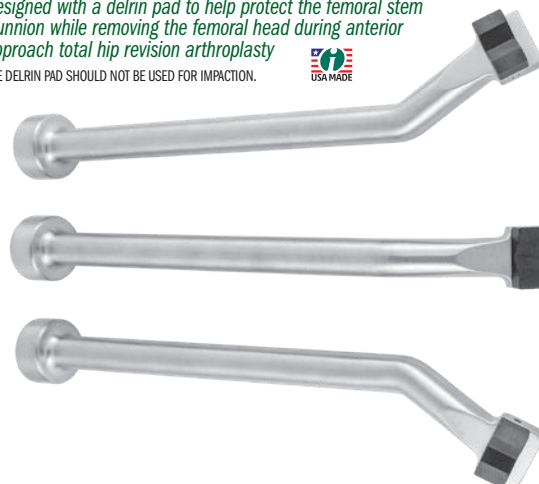


Anterior Femoral Punches

Designed by Brandon Thompson, CST/CFA

Designed with a delrin pad to help protect the femoral stem
trunnion while removing the femoral head during anterior
approach total hip revision arthroplasty

THE DELRIN PAD SHOULD NOT BE USED FOR IMPACTION.



Right - 40°
#8626-R

Angled Up - 40°
#8626-A

Left - 40°
#8626-L





acetabular cup extraction system



Helps to quickly and precisely remove an acetabular cup with minimal loss of bone

Any component
may be purchased
individually



Instrument Discount Program

For used CupX blade instruments we offer a Blade Discount Program. Please see our website or call for details.

System Rental Available

Available on a single procedure basis

Rental Details

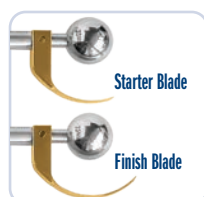
Rental is available in several configurations:

- 4 cases with all sizes, including 2 sets of heads
- 3 cases, including 2 sets of heads
- 2 cases, including 2 sets of heads
- 1 case, including 2 sets of heads
- 1 size (starter & finish), including 2 sets of heads

Each case includes 5 Starter and 5 Finish Instruments

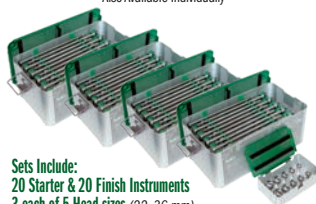
Rental Charges

In addition to a rental fee, there is a charge for each instrument used (not heads). Also, an additional charge applies if the used instruments are kept instead of returned. **Rental is for one surgical procedure only, and must be returned within 5 days following the procedure.**



Complete Set - Fixed Handle #5200 Complete Set - Wrench Handle #5208

Also Available Individually



Sets Include:

- 20 Starter & 20 Finish Instruments
- 3 each of 5 Head sizes (22-36 mm)
- 5 cases - 4 for Instruments, 1 for Heads
- Blade Contour Checking Templates - Complete Set plus Ring

Custom Set - Fixed Handle #5200-01 Custom Set - Wrench Handle #5208-01

Also Available Individually

- Sets Include:
- 5 Starter & 5 Finish Instruments
- 2 each of 5 Head sizes (22-36 mm)
- 2 cases - 1 for Instruments, 1 for Heads
- Blade Contour Checking Templates - Corresponding Sizes, plus Ring



Ranged Set - 42-50 mm Fixed Handle #5200-02 Ranged Set - 42-50 mm Wrench Handle #5208-02

Also Available Individually

- Sets Include:
- 5 Starter & 5 Finish Instruments
- 2 each of 5 Head sizes (22-36 mm)
- 2 cases - 1 for Instruments, 1 for Heads
- Blade Contour Checking Templates - 42-50 mm, plus Ring



Ranged Set - 52-60 mm Fixed Handle #5200-03 Ranged Set - 52-60 mm Wrench Handle #5208-03

Also Available Individually

- Sets Include:
- 5 Starter & 5 Finish Instruments
- 2 each of 5 Head sizes (22-36 mm)
- 2 cases - 1 for Instruments, 1 for Heads
- Blade Contour Checking Templates - 52-60 mm, plus Ring



Ranged Set - 62-70 mm Fixed Handle #5200-04 Ranged Set - 62-70 mm Wrench Handle #5208-04

Also Available Individually

- Sets Include:
- 5 Starter & 5 Finish Instruments
- 2 each of 5 Head sizes (22-36 mm)
- 2 cases - 1 for Instruments, 1 for Heads
- Blade Contour Checking Templates - 62-70 mm, plus Ring



Ranged Set - 72-80 mm Fixed Handle #5200-05 Ranged Set - 72-80 mm Wrench Handle #5208-05

Also Available Individually

- Sets Include:
- 5 Starter & 5 Finish Instruments
- 2 each of 5 Head sizes (22-36 mm)
- 2 cases - 1 for Instruments, 1 for Heads
- Blade Contour Checking Templates - 72-80 mm, plus Ring



Individual Fixed Handle Shafts

42 mm Starter #5200-42	42 mm Finish #5201-42
44 mm Starter #5200-44	44 mm Finish #5201-44
46 mm Starter #5200-46	46 mm Finish #5201-46
48 mm Starter #5200-48	48 mm Finish #5201-48
50 mm Starter #5200-50	50 mm Finish #5201-50
52 mm Starter #5200-52	52 mm Finish #5201-52
54 mm Starter #5200-54	54 mm Finish #5201-54
56 mm Starter #5200-56	56 mm Finish #5201-56
58 mm Starter #5200-58	58 mm Finish #5201-58
60 mm Starter #5200-60	60 mm Finish #5201-60
62 mm Starter #5200-62	62 mm Finish #5201-62
64 mm Starter #5200-64	64 mm Finish #5201-64
66 mm Starter #5200-66	66 mm Finish #5201-66
68 mm Starter #5200-68	68 mm Finish #5201-68
70 mm Starter #5200-70	70 mm Finish #5201-70
72 mm Starter #5200-72	72 mm Finish #5201-72
74 mm Starter #5200-74	74 mm Finish #5201-74
76 mm Starter #5200-76	76 mm Finish #5201-76
78 mm Starter #5200-78	78 mm Finish #5201-78
80 mm Starter #5200-80	80 mm Finish #5201-80

Individual Wrench Handle Shafts

42 mm Starter #5208-42	42 mm Finish #5209-42
44 mm Starter #5208-44	44 mm Finish #5209-44
46 mm Starter #5208-46	46 mm Finish #5209-46
48 mm Starter #5208-48	48 mm Finish #5209-48
50 mm Starter #5208-50	50 mm Finish #5209-50
52 mm Starter #5208-52	52 mm Finish #5209-52
54 mm Starter #5208-54	54 mm Finish #5209-54
56 mm Starter #5208-56	56 mm Finish #5209-56
58 mm Starter #5208-58	58 mm Finish #5209-58
60 mm Starter #5208-60	60 mm Finish #5209-60
62 mm Starter #5208-62	62 mm Finish #5209-62
64 mm Starter #5208-64	64 mm Finish #5209-64
66 mm Starter #5208-66	66 mm Finish #5209-66
68 mm Starter #5208-68	68 mm Finish #5209-68
70 mm Starter #5208-70	70 mm Finish #5209-70
72 mm Starter #5208-72	72 mm Finish #5209-72
74 mm Starter #5208-74	74 mm Finish #5209-74
76 mm Starter #5208-76	76 mm Finish #5209-76
78 mm Starter #5208-78	78 mm Finish #5209-78
80 mm Starter #5208-80	80 mm Finish #5209-80

Interchangeable Delrin Heads

Complete Set with Case #5202-00

Also Available Individually

39 mm #5202-39	50 mm #5202-50
40 mm #5202-40	51 mm #5202-51
41 mm #5202-41	52 mm #5202-52
42 mm #5202-42	53 mm #5202-53
43 mm #5202-43	54 mm #5202-54
44 mm #5202-44	55 mm #5202-55
45 mm #5202-45	56 mm #5202-56
46 mm #5202-46	57 mm #5202-57
47 mm #5202-47	58 mm #5202-58
48 mm #5202-48	59 mm #5202-59
49 mm #5202-49	60 mm #5202-60

US Patent
#7,998,146 B2

Individual Interchangeable Steel Heads



22 mm #5202-22
26 mm #5202-26
28 mm #5202-28
32 mm #5202-32
36 mm #5202-36
Optional Size:
38 mm #5202-38

Instrument and Head Cases Only

Case for 22 Delrin Heads #9014

Case for 5 Starter and 5 Finish Blades, plus 5 Heads #9015

Case for 10 Steel Heads #9016



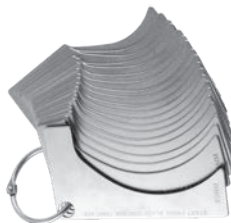
CupX Blade Contour Checking Templates

Designed for checking the contour of a CupX blade after use to evaluate arc accuracy

Complete Set #5200-T
Also Available Individually



42 mm #5200-42G
44 mm #5200-44G
46 mm #5200-46G
48 mm #5200-48G
50 mm #5200-50G
52 mm #5200-52G
54 mm #5200-54G
56 mm #5200-56G
58 mm #5200-58G
60 mm #5200-60G



62 mm #5200-62G
64 mm #5200-64G
66 mm #5200-66G
68 mm #5200-68G
70 mm #5200-70G
72 mm #5200-72G
74 mm #5200-74G
76 mm #5200-76G
78 mm #5200-78G
80 mm #5200-80G
Ring #5200-GR

Poly Cup Liner Removal Drill

Designed by Keith R. Berend, MD

Threaded, aggressive, drill tipped tool designed to facilitate removal of an acetabular liner – when the flat-ended drill end reaches the metal of the acetabular cup, continue drilling and the liner will become engaged in the drill flutes and back off for removal



#4052

Garneti Hip Cup Revision Osteotome Set

Designed by Mr Naren Garneti MSc (Tr) MRCS MCh (Orth) FRCS (Tr & Orth)

Designed to help extract a well-fixed cementless porous acetabular component

Set of One Each #5275-00
Also Available Individually



Can be used without extracting the liner.
Helps to preserve bone stock.

Garneti Curved Hip Cup Revision Osteotome #5275-01

Garneti Curved Hip Cup Revision Osteotome
Designed to clear the acetabular margins.



Garneti Flat Hip Cup Revision Punch #5275-02

Garneti Flat Hip Cup Revision Punch
Designed to tap the acetabular component in several quadrants, helping to disrupt the implant-bone interface.



Garneti Concave Hip/Knee Revision Osteotome #5275-03

Garneti Concave Hip/Knee Revision Osteotome
Designed to tap the acetabular component in a clock-wise/anti-clockwise direction and finally in a retrograde direction to help with implant removal.



Modified Lambotte Cup Removal Osteotomes

Designed with different hemisphere of curves to match cups of different sizes



44 mm Radius
#5240-44

48 mm Radius
#5240-48

52 mm Radius
#5240-52

56 mm Radius
#5240-56



Star Metal Cup Liner Removal Impactor

Designed by Andrew M. Star, MD



#5014

Designed to help disengage the rim of a metal cup for removal, the low profile design can be used through a limited incision, vibration from tapping the edge of the shell helps cause the liner to become disengaged for removal



Modified Smith-Peterson Style Osteotomes for Acetabular Cup Removal

Designed by Merrill Ritter, MD

Multi-arch osteotomes help in removal of total hip cups



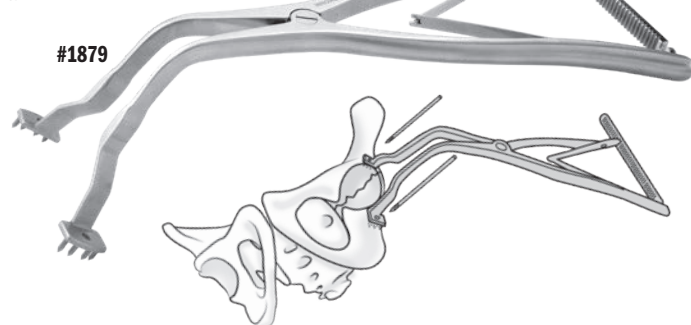
Medium - 20 x 35 mm #5280-02

Long - 20 x 50 mm #5280-03

Paprosky Acetabular Spreader

Designed by Wayne Paprosky, MD

Designed to distract an acetabular discontinuity



#1879

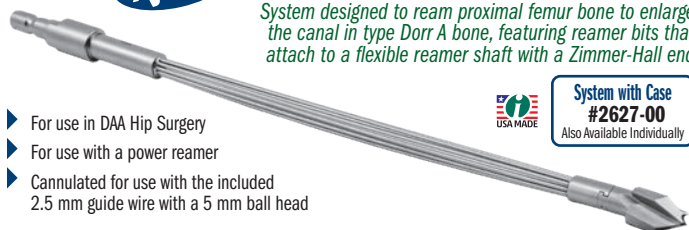


New!

Unger Flexible Proxireamer System

Designed by Anthony Unger, MD

System designed to ream proximal femur bone to enlarge the canal in type Dorr A bone, featuring reamer bits that attach to a flexible reamer shaft with a Zimmer-Hall end



- ▶ For use in DAA Hip Surgery
- ▶ For use with a power reamer
- ▶ Cannulated for use with the included 2.5 mm guide wire with a 5 mm ball head



System with Case
#2627-00
Also Available Individually

See back cover for more detailed product information.

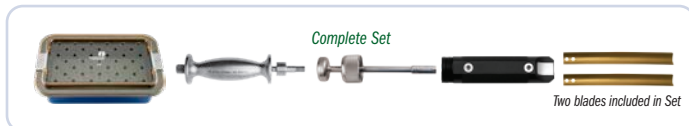


Whelan Curved Chisel Guide

Designed by Edward J. Whelan, III, MD



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



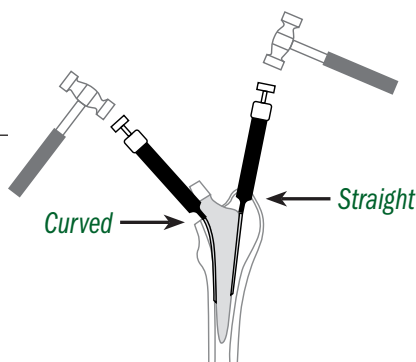
Complete Set **#5302-00**
Also Available Individually



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

Set Includes/Available Individually:

Guide Only **#5302-01**
Single 10 mm Curved Chisel Blade **#5302-02**
Slap Hammer **#3040**
Sterilization Case **#1015**

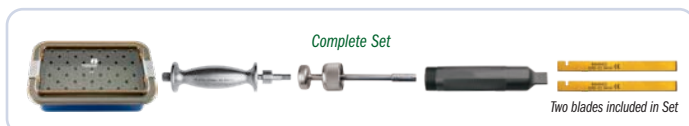


Whelan Flexible Chisel Guide

Designed by Edward J. Whelan, III, MD



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



Complete Set **#5301-00**
Also Available Individually



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

Set Includes/Available Individually:

Guide Only **#5301-01**
Single 10 mm Flat Chisel Blade **#5301-02**
Slap Hammer **#3040**
Sterilization Case **#1015**

Flexible Ball Nose Reamer

Designed by Stu Allen



Designed for safe and effective use in removing pedestal formation in the femoral and tibial canals – cannulated to allow guide wire use, which is recommended

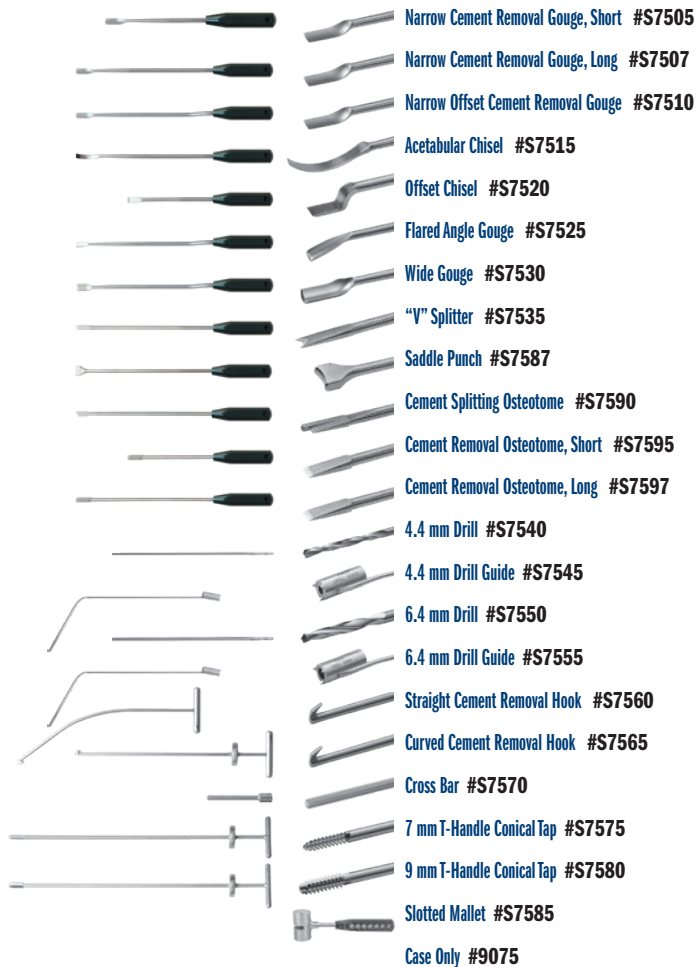


#2628

Mueller-Type Cement Removal Instruments

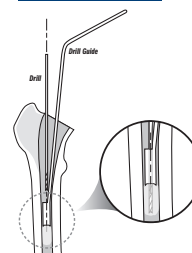
Used for cement removal in the knee, hip, and shoulder

Complete Set **#S7500-00**
Also Available Individually

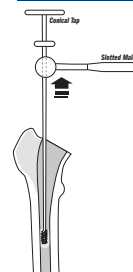


Set in Case

Drill & Grill Guide



Conical Tap & Mallet



T-Handle Chuck
for use with Drills



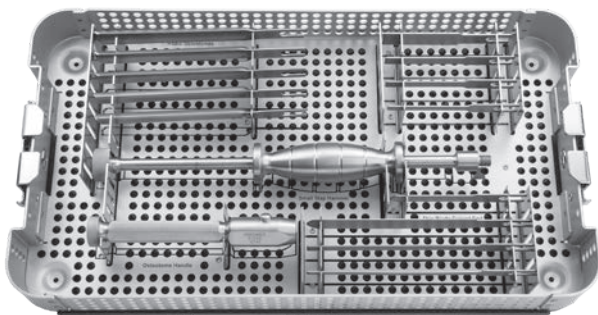
Optional:
T-Handle Chuck & Key **#8247-00**
T-Handle Chuck only **#8247-01**
Chuck Key only **#8247-02**

Flexible Osteotome System

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

Provides an assortment of osteotome blades for various orthopedic surgery procedures

Blade lengths reflect the actual working portion of the blade only.
For overall length, add 1.5" (3,8 cm) to blade length listed above.



Set Set w/Quick-Coupling Handle and Case **#S0011-00**
Set Set w/Locking Nut Handle and Case **#S0012-00**
Also Available Individually



Case Only
#9018

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



Handle with Quick-Coupling End **#S1020**

System Includes Choice of Handle Style



Handle with Locking Nut **#S1021**



2.5" (6,4 cm) x 8 mm Thin Osteotome Blade **#S1002**



2.5" (6,4 cm) x 10 mm Thin Osteotome Blade **#S1003**



2.5" (6,4 cm) x 12 mm Thin Osteotome Blade **#S1004**



2.5" (6,4 cm) x 20 mm Thin Osteotome Blade **#S1005**



2.5" (6,4 cm) x 12 mm Curved Thin Osteotome Blade **#S1006**



5" (12,7 cm) x 20 mm Curved Thin Osteotome Blade **#S1007**



5" (12,7 cm) x 8 mm Thin Osteotome Blade **#S1009**



5" (12,7 cm) x 10 mm Thin Osteotome Blade **#S1008**



5" (12,7 cm) x 10 mm Radial Osteotome **#S1133**



5" (12,7 cm) x 12 mm Radial Osteotome **#S1120**



5" (12,7 cm) x 14 mm Radial Osteotome **#S1134**



5" (12,7 cm) x 16 mm Radial Osteotome **#S1121**



5" (12,7 cm) x 20 mm Radial Osteotome **#S1122**



Slap Hammer **#S2007**

Options Available Separately

Instruments Included in Sets



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



3.15" (8 cm) x 15 mm Offset Osteotome Blade **#S1010**



7.5" (19,1) x 8 mm Extra Long Osteotome Blade **#S1123**



5" (12,7 cm) x 11 mm Radial Osteotome Medial Curve **#S1137**



6.75" (17,1 cm) x 11 mm Radial Osteotome Medial Curve **#S1135**



5" (12,7 cm) x 11 mm Radial Osteotome Lateral Curve **#S1138**



6.75" (17,1 cm) x 11 mm Radial Osteotome Lateral Curve **#S1136**



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



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



2.5" (6,4 cm) x 8 mm Chisel Blade **#S1222**



2.5" (6,4 cm) x 10 mm Chisel Blade **#S1223**



2.5" (6,4 cm) x 12 mm Chisel Blade **#S1224**



2.5" (6,4 cm) x 20 mm Chisel Blade **#S1225**



5" (12,7 cm) x 8 mm Chisel Blade **#S1229**



5" (12,7 cm) x 10 mm Chisel Blade **#S1228**



5" (12,7 cm) x 12 mm Chisel Blade **#S1231**



5" (12,7 cm) x 20 mm Chisel Blade **#S1230**



5.5" (14 cm) x 8 mm Long Chisel Blade **#S1227**



7.5" (19,1) x 8 mm Extra Long Chisel Blade **#S1232**



8.5" (21,6) x 8 mm Extra Long Chisel Blade **#S1234**



9.5" (23,1) x 8 mm Extra Long Chisel Blade **#S1235**



10.5" (26,7) x 8 mm Extra Long Chisel Blade **#S1236**



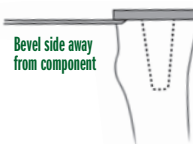
11.5" (29,2) x 8 mm Extra Long Chisel Blade **#S1237**



12.5" (31,8) x 8 mm Extra Long Chisel Blade **#S1238**

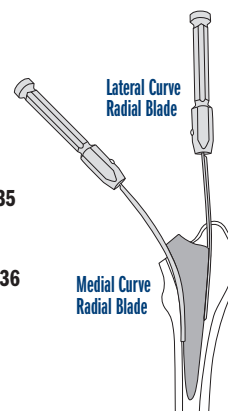


Curved chisel design allows working around component pegs, fins, etc.



Bevel side away from component

Extra Long Chisel Blades are designed for removal of well-fixed long bone intramedullary hardware



Lateral Curve Radial Blade

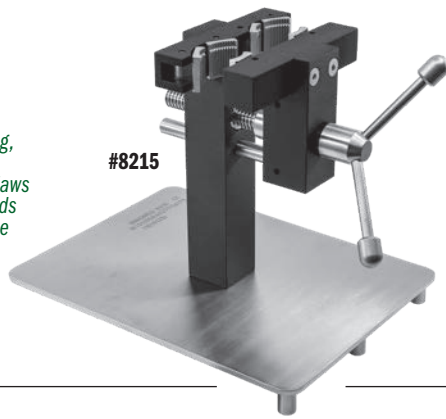
Medial Curve Radial Blade

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



Allograft Bone Vise

Holds allograft bone for reaming, shaping or cutting, the vise is designed with two sets of vise jaws for reaming of two femoral heads and also for holding a long bone horizontally and vertically



Whelan Double-Ended Suture Wire Passer

Designed by Edward J. Whelan, III, MD

Passer guide and malleable passer designed to pass suture wires around a bone

Set #8300-00
Also Available Individually

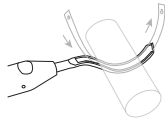


Set includes Passer Guide, two Passers, and a sterilization case.

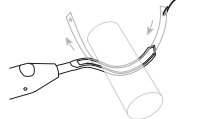
Passer Guide #8300-01



Insert passer into guide to pass around the bone



Attach suture wire, then draw the passer/suture wire back around the bone



Passer #8300-02

Incavo Wire Passer

Designed by Stephen J. Incavo, MD

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



Universal Bone Grafting/Impacting Forceps

Designed by J. A. Amis, MD

Bone graft can be grasped, placed & impacted without changing hands or instruments — four end diameters are available in two lengths



MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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

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



1/8" (3,2 mm) 3/16" (4,8 mm) 1/4" (6,3 mm) 5/16" (8 mm)

Diameter ends at actual size (closed forceps)

Long Jaw Needle Nose Pliers

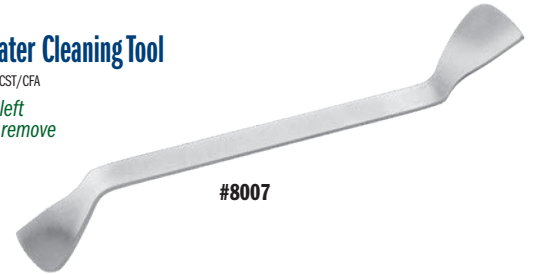
MADE FOR INNOMED IN GERMANY



Double Ended Grater Cleaning Tool

Designed by Brandon Thompson, CST/CFA

Designed for right or left handed use to easily remove bone fragments from acetabular graters



DMP Wire Tightener

Designed by DMP

Used to hand tighten a cerclage wire around a bone. Designed with four wire holes — two for up to 20 gauge wires, and two for up to 18 gauge wires



Lombardi Cement/Antibiotic Sifter

Designed by Adolph V. Lombardi Jr., MD



Desai Surgical Funnel

Designed by Sarang Desai, DO

Helps with control and placement of bone graft or antibiotic beads

Made from surgical grade stainless steel (for sterilization purposes).



Profile View

Surgical Spoon

Designed by David Scott, MD

Very useful for the application of methyl-methacrylate bone graft

Made from surgical grade stainless steel (for sterilization purposes).

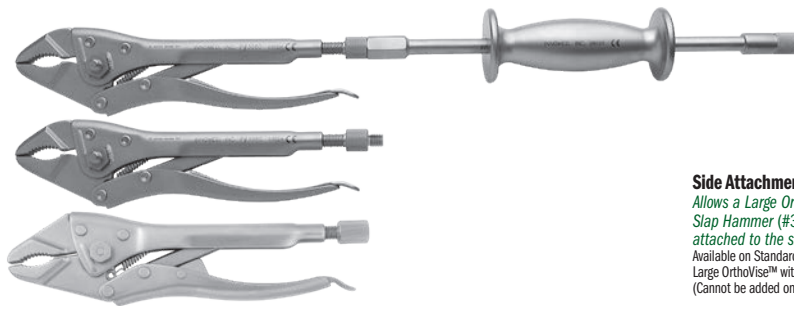


Standard Large OrthoVise™

Standard Large 10" OrthoVise™ with Attachment Bolts (two sides & end), with Large OrthoVise™ Slap Hammer (#3950) **#3980**

Standard Large 10" OrthoVise™ with Attachment Bolts (two sides & end), without Slap Hammer **#3980-01**

Standard Large 10" OrthoVise™ without Attachment Bolts, without Slap Hammer, with End Attachment Nut (end) that accepts a Standard Slap Hammer (#3925) **#3981**



Side Attachment Bolts

Allows a Large OrthoVise™ Slap Hammer (#3950) to be attached to the side of the device. Available on Standard Large and Long Nose Large OrthoVise™ with Attachment Bolts only. (Cannot be added on later.)

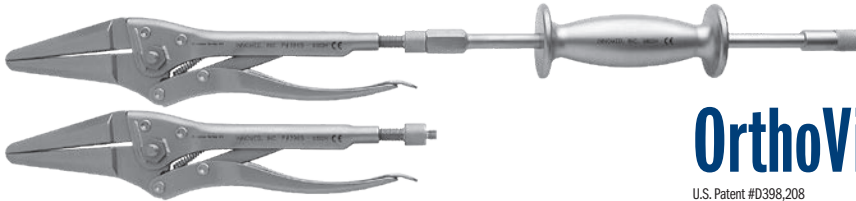


REVISION

Long Nose Large OrthoVise™

Long Nose Large 12" OrthoVise™ with Attachment Bolts (two sides & end), with Large OrthoVise™ Slap Hammer (#3950) **#3965**

Long Nose Large 12" OrthoVise™ with Attachment Bolts (two sides & end), without Slap Hammer **#3965-01**



OrthoVise™

U.S. Patent #D398,208

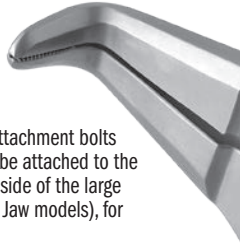
Long Nose Large Bent Jaw OrthoVise™

Long Nose Large 11.5" Bent Jaw OrthoVise™ with Attachment Nut (end), with Standard Slap Hammer (#3925) **#3966**

Long Nose Large 11.5" Bent Jaw OrthoVise™ with Attachment Nut (end) that accepts a Standard Slap Hammer (#3925) **#3966-01**



MADE EXCLUSIVELY FOR INNOMED IN GERMANY

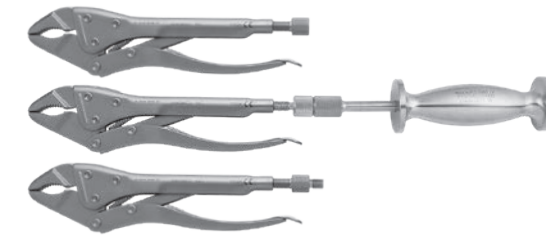


Standard Small OrthoVise™

Standard Small 8" OrthoVise™ without Attachment Bolt, without Slap Hammer **#3985**

Standard Small 8" OrthoVise™ with Attachment Bolt (end), with Small OrthoVise™ Slap Hammer (#3955) **#3985-01**

Standard Small 8" OrthoVise™ with Attachment Bolt (end), without Slap Hammer **#3985-T**



Long Nose Small OrthoVise™

Long Nose Small 9.5" OrthoVise™ without Attachment Bolt, without Slap Hammer **#3975**

Long Nose Small 9.5" OrthoVise™ with Attachment Bolt (end), with Small OrthoVise™ Slap Hammer (#3955) **#3975-01**

Long Nose Small 9.5" OrthoVise™ with Attachment Bolt (end), without Slap Hammer **#3975-T**

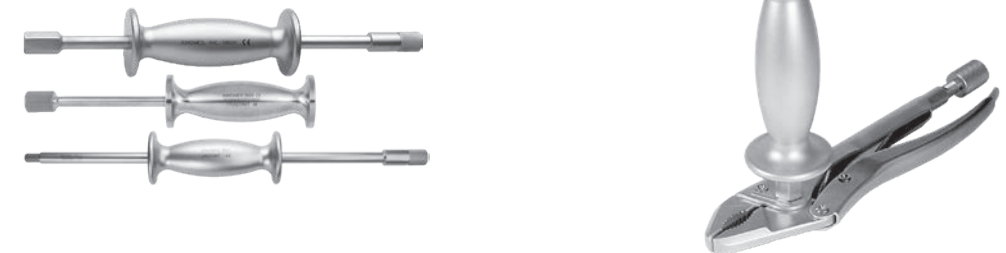


Slap Hammers

Slap Hammer For Large OrthoVise **#3950**

Slap Hammer For Small OrthoVise **#3955**

Standard Slap Hammer with 16" Rod **#3925**

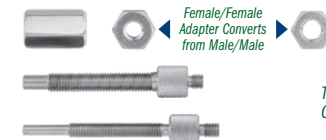


Threaded Adapters

Small Adapter **#3980-02**
Changes Male End of a Slap Hammer to Female

Large Threaded Adapter **#3980-03**
For use with 3965's, 3966's, 3980's, 3981

Small Threaded Adapter **#3985-03**
For use with: 3975's, 3985's



Female/Female Adapter Converts from Male/Male

Small Adapter allows a Standard Slap Hammer (#3925) to be used with any Large OrthoVise™ with Attachment Bolts

Threaded Adapting Screws can be used to append the corresponding size OrthoVise™ with an Attachment Bolt for use with a Slap Hammer

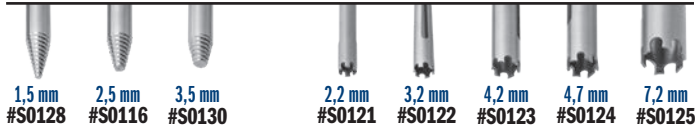
- ▶ Made of stainless steel
- ▶ Models equipped with attachment bolts allow a slap hammer to be attached to the end, as well as to either side of the large OrthoVise™ (except Bent Jaw models), for greater adaptability
- ▶ Bent Jaw models are not available with side attachment bolts, but have an end attachment nut to accept a Standard Slap Hammer (#3925)
- ▶ A different size slap hammer is used for the large and small sizes of OrthoVise™
- ▶ Slap Hammers are designed with a hammer plate for the additional use of a mallet if desired



REVISION

Universal Screw Removal Instrument System

Designed to remove solid and cannulated screws, and used for removal of stripped hex screws, buried screws, partial screws with broken screw heads, the drive end (A/O) is designed for easy and quick engagement with the universal instrument handle

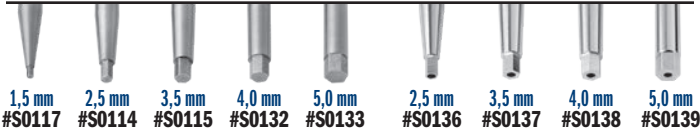


Screw Extractors

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 Extraction Bolts

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

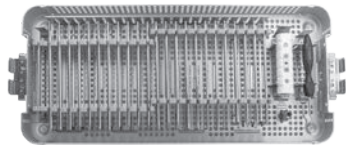
Standard cruciform screwdrivers in large, small, and mini, and single slot.

Cannulated Drive Extension

Used when a longer instrument shaft is desired.

Complete System in Case #S0010-00

Also Available Individually



Pick

#S0129

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

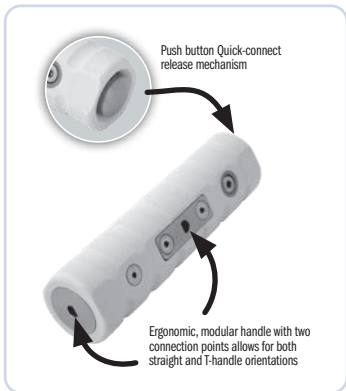
Extractor Wrench

#S0127-04



Universal Instrument Handle #S0113

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



Torx/Hex Adapter Set

Designed by Stephen M. Walsh, MD

Designed for conversion of a 3.5 mm screwdriver

Set of One Each #8003-00

Also Available Individually



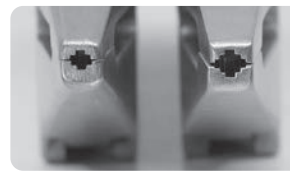
Hex Bit to Torx Driver Adapter #8003-02



Torx Bit to Hex Driver Adapter #8003-01

Screw/Pin Removal Locking Pliers

Unique jaw designed to solidly grip and clamp onto a screw head, broken screw, or pin for removal



Small

Jaw End & Bite
Designed to securely grab pins as small as 1.4 mm (.055") up to 2.4 mm (.095")

Standard

Jaw End & Bite
Designed to securely grab larger pins, screw heads, or broken screws

Standard #S0142



Small #S0142-01

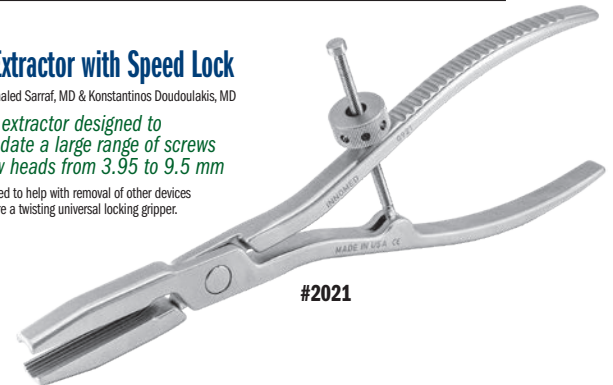
New reduced jaw size available for smaller screws, pins and incisions

Screw Extractor with Speed Lock

Designed by Khaled Sarraf, MD & Konstantinos Doudoulakis, MD

Universal extractor designed to accommodate a large range of screws and screw heads from 3.95 to 9.5 mm

Can also be used to help with removal of other devices that may require a twisting universal locking gripper.



#2021



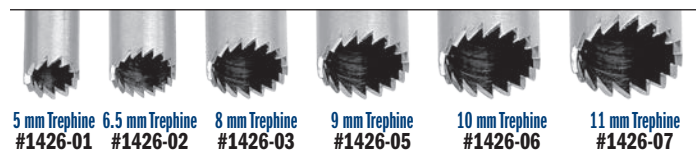
Lawton Screw Extractors

Designed by Jeffrey Lawton, MD

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

Set of Three with Case #7653-00

Also Available Individually



Cheng Screw Removal and Bone Trephine Set

Designed by Edward Cheng, MD

Six trephine sizes with reverse thread teeth designed to help with removal of screws with minimal bone loss, as well as gathering of core bone samples for biopsy or core decompression

Trephine Sizes in Internal Diameter

Can be used with the T-handle or with power.

Set with Case #1426-00

Also Available Individually



Replacement Part:
Retaining Screw #1425-14-B-COMP



Handle Assembly #1425-14

Screw Removal Pliers



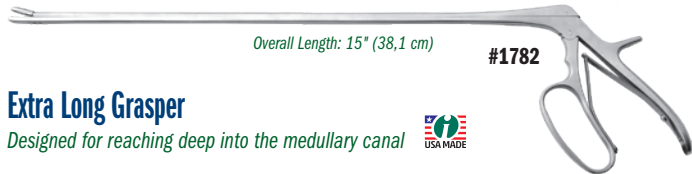
#2020

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



Extra Long Grasper

Designed for reaching deep into the medullary canal



Overall Length: 15" (38,1 cm)

#1782

Screw Removal Pliers

MADE FOR INNOMED IN GERMANY



#2022-01

Universal Screwdriver Set

Helps eliminate the opening of multiple sterile packs when a specific size or style of screwdriver is needed — helpful during revision total joint surgery where screws have been used, removal of bone plates, fracture fixation screws or bone graft screws

Set with Case #5195
Also Available Individually



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



Handle #5195-01

Single Slot – 7 x 1.5 mm & 5 x 1 mm
#5195-02
Cross & Cruciate – 7 & 6 mm
#5195-03
Hex – 3.5 & 4.5 mm
#5195-04
Phillips – 4 & 3.5 mm
#5195-05
Small Star – #6 & #8
#5195-08
Medium Star – #10 & #15
#5195-06
Large Star – #20 & #25
#5195-07

Star Bit Driver Set

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



Handle with two connection points



T25 #5194-25

T20 #5194-20

T15 #5194-15

T10 #5194-10

4 Star Bits w/Handle & Case #5194-00
4 Star Bits w/Case only #5194-01
Also Available Individually



Universal 4"
(10,2 cm) Handle
#S0113

Basic Screw Removal System

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

System in Case #2022-00

Also Available Individually

MADE FOR INNOMED IN GERMANY

Screw Removal Locking Pliers



#2022-01

Mini Lexer Gouges

4 mm Gouge #2022-02



6 mm Gouge #2022-03



10 mm Gouge #2022-04

Can be used to remove bone from around screw heads or broken screws.

Sharp Hook



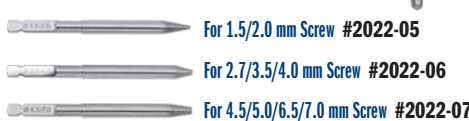
#2022-SH

T-Handle with AO-End



#2022-T

Extraction Screws



For 1.5/2.0 mm Screw #2022-05

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

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



Extraction Bolts



For 1.5 mm Screw #2023-01

For 2.0 mm Screw #2023-02

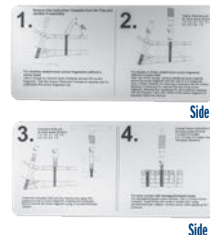
For 2.7 mm Screw #2023-03

For 3.5/4.0 mm Screw #2023-04

For 4.5 mm Screw #2023-05

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

Instruction Plate #2022-IP



Side A

Side B

Trephines



For 1.5 mm Screw #2023-07

For 2.0 mm Screw #2023-08

For 2.7 mm Screw #2023-09

For 3.5/4.0 mm Screw #2023-10

For 4.5 mm Screw #2023-11

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

Spare Trephine Cutting Ends



For 1.5 mm Screw #2024-01

For 2.0 mm Screw #2024-02

For 2.7 mm Screw #2024-03

For 3.5/4.0 mm Screw #2024-04

For 4.5 mm Screw #2024-05

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

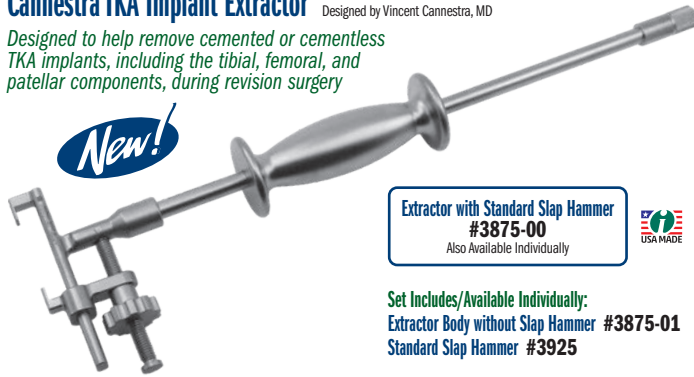


Cannestra TKA Implant Extractor

Designed by Vincent Cannestra, MD

Designed to help remove cemented or cementless TKA implants, including the tibial, femoral, and patellar components, during revision surgery

New!



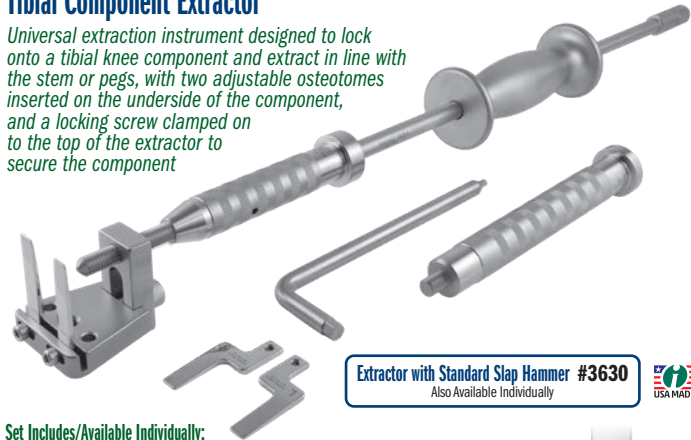
Extractor with Standard Slap Hammer
#3875-00
Also Available Individually



Set Includes/Available Individually:
Extractor Body without Slap Hammer **#3875-01**
Standard Slap Hammer **#3925**

Tibial Component Extractor

Universal extraction instrument designed to lock onto a tibial knee component and extract in line with the stem or pegs, with two adjustable osteotomes inserted on the underside of the component, and a locking screw clamped on to the top of the extractor to secure the component

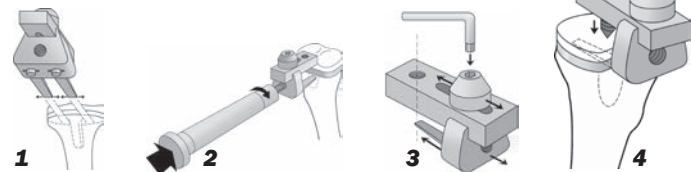


Extractor with Standard Slap Hammer **#3630**
Also Available Individually



Set Includes/Available Individually:
Pair of Standard Blades **#3630-01**
Pair of Offset Blades **#3630-02**
Extractor Only **#3630-10**
Hex Screws Pkg of 6 **#3630-HS**
Standard Slap Hammer **#3925**

Optional Part:
Extra Large Slap Hammer **#3935**



1 **Adjust Blades To Fit Component**
The straight or angled blades are adjusted by loosening the attached screws and sliding the blades into the desired position.

2 **Drive Blades Under Component**
The blades are driven under the tibial base.

3 **Tighten Threaded Rod Onto Component**
The site hole for the pointed, threaded rod can be aligned with the proximal surface of the tibial component by using the included hex wrench system. The pointed, threaded rod is tightened onto either a polyethylene or metal tibial component.

4 **Attach Slap Hammer Assembly & Remove Component**
The slap hammer assembly is threaded into the threaded rod handle for removal of the component.

Tibia Tray Removal Hooks

Designed by Jerrold Gorski, MD
Modified 8 mm version designed by Dennis Brown, MD

Designed to be used with a slap hammer to remove a tibia tray during revision knee surgery



4 mm Gorski Hook Only
#3650-01

8 mm Brown Gorski Hook Only
#3655-01



4 mm Gorski Hook with Standard Slap Hammer (#3925) **#3650**

Optional Part:
Extra Large Slap Hammer
#3935

8 mm Brown Gorski Hook with Standard Slap Hammer (#3925) **#3655**

Garneti Concave Hip/Knee Revision Osteotome

Designed by Mr Naren Garneti MSc (Tr) MRCS MCh (Orth) FRCS (Tr & Orth)

#5275-03

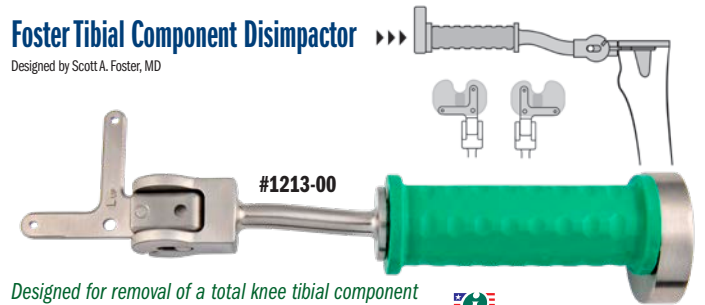
Designed for use in primary and revision knee surgery

- During revision knee surgery, can be used to help disrupt the bone-implant, cement-bone and cement-implant interfaces.
- The osteotome can also be used to help extract the tibial and femoral components.
- During primary knee surgery, can be used to help remove cement from the periphery of a tibial base plate and femoral component.



Foster Tibial Component Disimpactor

Designed by Scott A. Foster, MD



#1213-00

Designed for removal of a total knee tibial component

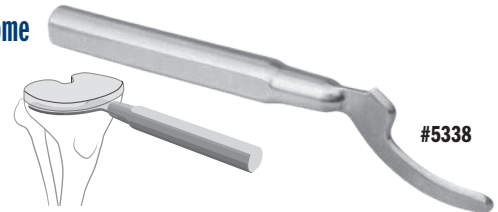
Includes: Disimpactor, (2) Blades, Silicone Grip Handle



Whang Tibial Osteotome

Designed by William Whang, MD

Designed to disrupt the interface of a well fixed tibial base, specifically the lateral portion



#5338

Curved Osteotome for Total Knee Revision

Designed by Morteza Meftah, MD



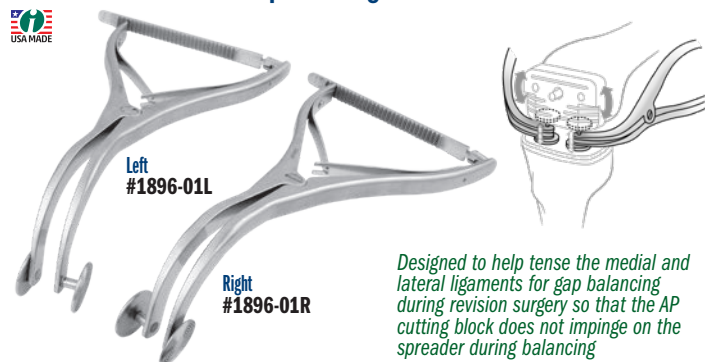
Standard
#3622

Small
#3622-01

Designed to help in the removal of a tibial component, the curved blade is designed to hit from multiple angles

Lawrence Revision Knee Gap Balancing Tensioner Set

Designed by Jeffrey M. Lawrence, MD



Left
#1896-01L

Right
#1896-01R

Designed to help tense the medial and lateral ligaments for gap balancing during revision surgery so that the AP cutting block does not impinge on the spreader during balancing

Lachiewicz Total Knee Revision Instruments with Strikeplate

Design modifications by Beau Konigsberg, MD of original designs by Paul F. Lachiewicz, MD

Designed for total knee revision, these instruments feature the addition of a strikeplate on the end for increased impaction and extraction



Lachiewicz Angled Cut Cement Chisel
Short 10 mm with Strikeplate
#3700-01-SP

Lachiewicz Angled Edge
Cutting Cement Chisel
Short 25 mm with Strikeplate
#3700-01W

Lachiewicz Angled Femoral Component
Disimpactor with Strikeplate
#3700-03-SP

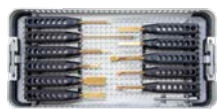
Lachiewicz Cement Prosthesis Osteotome
8 mm Wide with Strikeplate
#3700-04-SP

New!

Lachiewicz Total Knee Revision Set

Designed by Paul F. Lachiewicz, MD

Used for total knee revision



Complete Set with Case #3700-00
Also Available Individually



10 mm Offset Edge Cutting Cement Chisel, Short
#3700-01

15 mm Offset Edge Cutting Cement Chisel, Long
#3700-02

Offset Femoral Component Disimpactor
#3700-03

8 mm Cement Osteotome
#3700-04

10 mm Cement Osteotome
#3700-05

13 mm Cement Osteotome
#3700-06

20 mm Cement Osteotome
#3700-07

V-shaped Cement Splitter
#3700-08

One-sided Cement Splitter
#3700-09

8 mm Cement Hook
#3700-10

Cement Punch
#3700-11

Removal Cross Bar
#3700-12

Boynton Punch

Designed by L. Boynton, MD

Helpful in removing trial, femoral and revision total knee components, the flange end fits onto the flange of a femoral knee component or trial

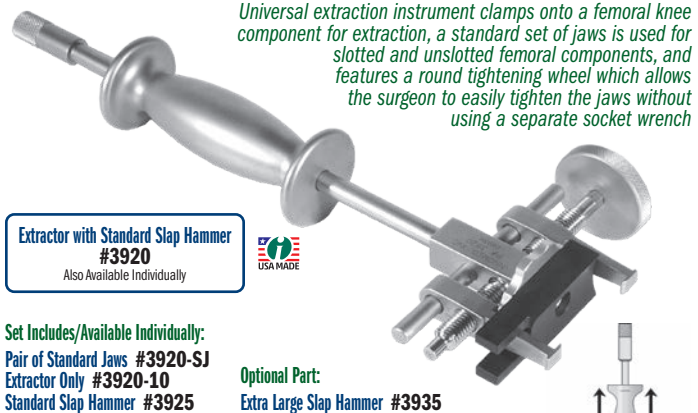


Standard #5120-01

Offset #5120-02

Femoral Component Extractor

Universal extraction instrument clamps onto a femoral knee component for extraction, a standard set of jaws is used for slotted and unslotted femoral components, and features a round tightening wheel which allows the surgeon to easily tighten the jaws without using a separate socket wrench

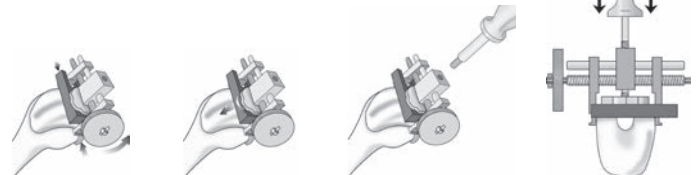


Extractor with Standard Slap Hammer
#3920
Also Available Individually



Set Includes/Available Individually:
Pair of Standard Jaws #3920-SJ
Extractor Only #3920-10
Standard Slap Hammer #3925

Optional Part:
Extra Large Slap Hammer #3935



1 Attach Jaws To Component

The jaws are tightened against the femoral component with the socket wrench or tightening wheel.

2 Stabilize The Component

The delrin stabilizing insert is tightened against the femoral component by rotating the thumbwheel.

3 Attach Slap Hammer Assembly

The slap hammer assembly is threaded into the extractor body.

4 Use Slap Hammer Assembly To Remove Component

The slap hammer is also designed with a hammer flare for optional use with a mallet.



8 mm Chisel
#5470-08

11 mm Chisel
#5470-11

20 mm Chisel
#5470-20

8 mm Offset Cement Removal Chisel
#5472-08

6 mm Notched Cement Removal Chisel
#5474-06

8 mm Implant Remover
#5475-08

Eickmann Knee Revision Set

Designed by Thomas Eickmann, MD

Used for total knee revision



Complete Set with Case
#5470-00
Also Available Individually



Foster Cement Osteotome

Designed by Scott A. Foster, MD

Designed to help remove a UKA/TKA component, featuring a large handle and a large striking platform



#5232

Curved Cement Osteotome



#5220

For use in the femoral notch during removal of a knee femoral component, can be used to help separate the prosthesis/bone or prosthesis/cement interface



McGrory Foot Bolster

Designed by James McGrory, MD

A foot bolster designed for knee surgery that allows for quick and easy adjustment of the flexion angle as surgery progresses

Bolster Set #2616-00
Also Available Individually



- ▶ Easy adjustment of foot bolster position during surgery to place the knee at the desired flexion angle.
- ▶ Helpful as increasing flexion is gained as the surgery progresses.
- ▶ "Gas pedal" design of the foot bolster with anti-slide ridges to keep foot stable
- ▶ Bottom of the bolster pedal can be used to capture the great toe during maximum flexion and external rotation during difficult exposures and revisions
- ▶ Useful for holding the knee stable for robotic use

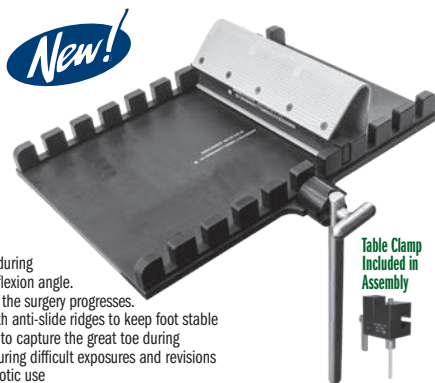


Table Clamp
Included in
Assembly

Hyperflex Foot Positioner Assembly

Designed by Morteza Meftah, MD
and Ira Kirschenbaum, MD

Designed to help secure the foot for positioning of the knee in the hyperflex position



Replacement Parts:
Pad & Two Straps #2730-P
Black Straps #2590-S



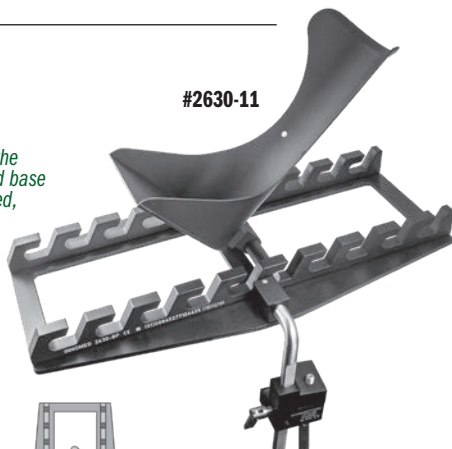
#2589-00

Robb Leg Positioner

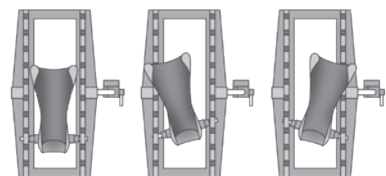
Designed by William Robb, MD

Provides stable positioning of the knee during surgery, the slotted base allows the leg to be easily flexed, extended, and/or rotated

Table clamp and three (3) Sterile Pads/Wraps are included with each new purchase.



#2630-11



Replacement Parts:
Sterile Pad & Wrap Case of 10 Sets #2629-00
Aluminum Footpiece Only #2630-FP
Table Clamp #2595

Stulberg Leg Positioner

Designed by S. David Stulberg, MD

Provides stable positioning of the knee during surgery - allows the leg to be manipulated into the desired position and securely locked in place, and has the necessary adjustments to tilt, rotate, and flex or extend the knee

Three (3) Sterile Pads/Wraps are included with each new purchase.



#2620-10

Replacement Parts:
Sterile Pad & Wrap Case of 10 Sets #2629-00
Aluminum Footpiece Only #2620-FP

Knee Positioner Sterile Protective Pad & Wrap

Disposable, latex-free sterile foam pad and cohesive wrap helps protect patient from pressure sores, abrasions and possible neurological impairment while securing foot into the boot



Case of 10 Sets - 1 Pad & 1 Wrap per Set #2629-00
1 Set - 1 Pad & 1 Wrap #2629-L



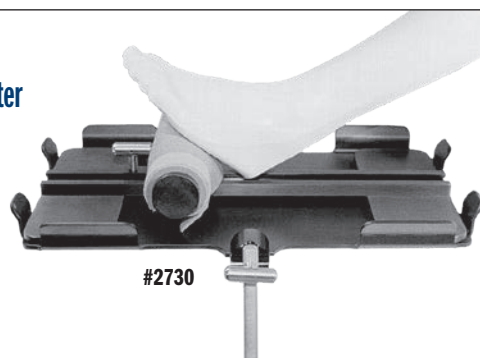
Compatible with
Innomed's Stulberg,
Robb, & Lombardi
Leg Positioners



Stulberg Sliding Bolster

Designed by S. David Stulberg, MD

Helps eliminate the need for a sand bag during total knee surgery



#2730

Cherf Leg Holder

Designed by John Cherf, MD

Supports the lower extremity for prepping before knee or hip surgery



#2270

Replacement Parts: Set of 3 Small Pads #4150-PD3

Fromm Femur & Tibia Triangles

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

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

16" #2760-03

14" #2760-02

11" #2760-01

8.5" #2760-XS
Sold Separately - Not
In Set



Replacement Parts:
Silicone Pad #2760-P
Straps Pkg of 18 - 6 Blue / 12 Green #2760-S
Green Straps for Femur, Long Pkg of 10 #8100-P
Blue Straps for Tibia, Short Pkg of 10 #8120-P
Straps for 2760-XS Pkg of 10 #8120-SP

Set of Three #2760-00
Also Available Individually



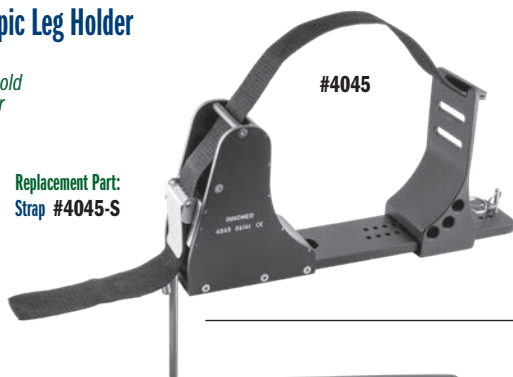
Stanton Arthroscopic Leg Holder

Designed by John Stanton, MD

Designed to securely hold legs of various sizes for arthroscopic surgery



Replacement Part:
Strap #4045-S



Modified 90° Leg Stabilizer

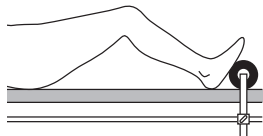
Designed by Gregory Fanelli, MD

Useful in total knee surgery to hold the leg in position

Sterilizable table clamp included.



Replacement Parts:
Pad #8840-P
Table Clamp #9120



George Arthroscopic Knee Positioner

Designed by Michael S. George, MD

Provides lateral and superior support which allows valgus stress to open the medial compartment



Replacement Part:
Pad #2735-P



Leg Stabilizer

Designed by Gregory Fanelli, MD

Useful in arthroscopic knee surgery to hold the leg in position— Helps to open up the knee joint when pressure is applied to the lower leg



#8840

Replacement Parts:
Pad #8840-P
Table Clamp #9120

Sterilizable table clamp included.



Connelly Leg Positioning Set

Designed by Camille Connelly, MD

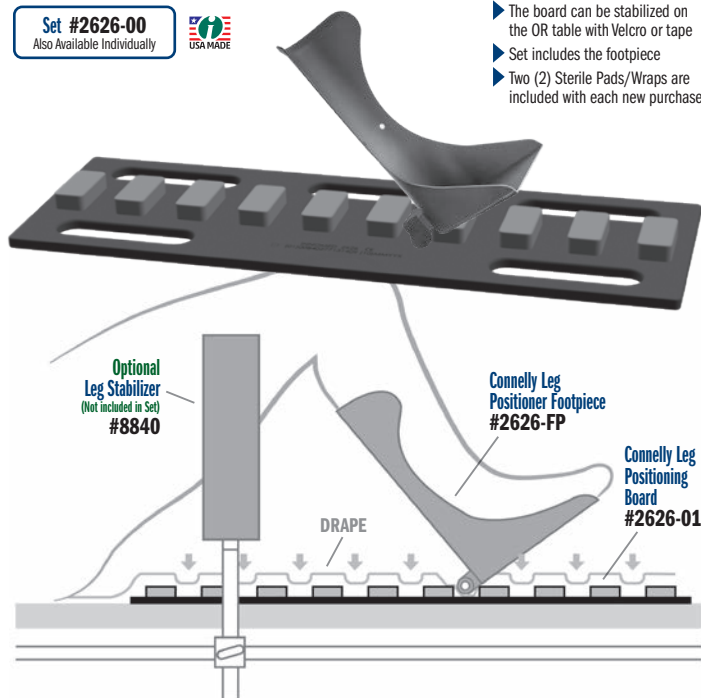
A clamp free leg positioner board for partial or total knee replacement designed to go UNDER the drapes, the sterilizable footpiece is used for easy positioning

Set #2626-00
Also Available Individually



New!

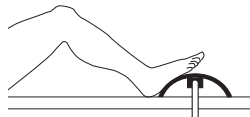
- ▶ The board can be stabilized on the OR table with Velcro or tape
- ▶ Set includes the footpiece
- ▶ Two (2) Sterile Pads/Wraps are included with each new purchase



Kirschenbaum Foot Positioner

Designed by Ira Kirschenbaum, MD

Helps eliminate the use of sand bags under the drape during total knee surgery— the foot rest is dome shaped for optimal foot contact and positioning the leg in flexion, and can be rotated



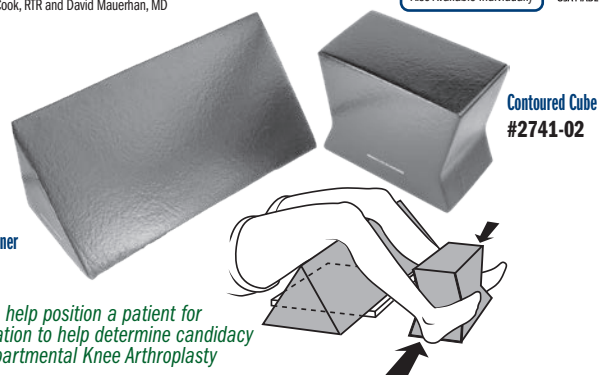
Replacement Parts:
Large Replacement Pad #2590-P
Small Replacement Pad #2591-P

Optional Part:
Table Clamp #2595

Patient Self Stress Assembly Set

Designed by Kyle Cook, RTR and David Mauerhan, MD

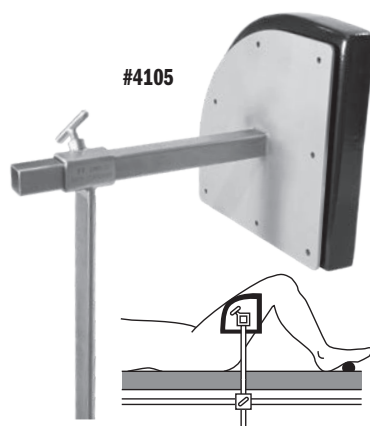
Set #2741-00
Also Available Individually



Triangle Positioner
#2741-01

Designed to help position a patient for X-ray evaluation to help determine candidacy for Unicompartmental Knee Arthroplasty

Contoured Cube
#2741-02



Durham Leg Positioner

Designed by Al Durham, MD

Placed against the thigh, helping to hold the leg upright in knee surgery



Sterilizable table clamp included.

Replacement Parts:
Pad #4105-P
Table Clamp #9120



Ortho Self-Retaining Retractors

Used to separate the femur and tibia during knee replacement procedures, where the calibrated design can help to balance ligaments



Medium, Flat Outside Pads #1843



Small, Flat Outside Pads #1842



Medium, Serrated Outside Pads #1843-01



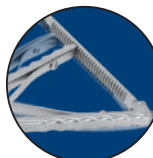
Available with flat or serrated outside blades

Small, Serrated Outside Pads #1842-01



See page 2 for Accuracy Statement for devices with a measuring function.

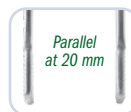
Small, Serrated Outside Pads with Small Grip #1842-01-SG



Designed with the grip closer together for easier gripping and to help reduce hand fatigue



The measuring scale on the spreader handle helps to accurately gauge the gap, and makes it possible for two spreaders to be used to assist in balancing ligaments.



Parallel at 20 mm

Lombardi Gap Balancing Femoral Tibial Spreader with Easy Release Locking Mechanism

Spreader designed by Adolph V. Lombardi Jr., MD.
Locking mechanism designed by Munish C. Gupta, MD

Designed to help separate the femur and tibia during total knee procedures, with the pads being parallel when measured at 20mm of separation, and the locking ratchet mechanism helps prevent accidental release, and provides for controlled adjustment and easy release



Large - Horizontal Grooved Pads #1878-LR



Small - Horizontal Grooved Pads #1877-LR



Small - Smooth Pads #1877-SP

Design modified by Mojib Manzary, MD, FRCSC

See page 2 for Accuracy Statement for devices with a measuring function.

Lombardi Femoral Tibial Spreader

Designed by Adolph V. Lombardi Jr., MD

Thin pads help to separate the femur and tibia during total knee procedures



Large - Diamond Cut Pads #1875-D
Large - Horizontal Grooved Pads #1875



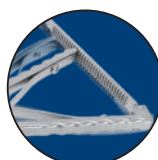
Small - Diamond Cut Pads #1876-D
Small - Horizontal Grooved Pads #1876

Small Grip Handle

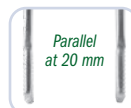
Designed with the grip closer together for easier gripping and to help reduce hand fatigue



Small with Small Grip and Horizontal Grooved Pads #1876-SG



See page 2 for Accuracy Statement for devices with a measuring function.



Parallel at 20 mm



Large - Diamond Cut Pads #1878-D
Large - Horizontal Grooved Pads #1878



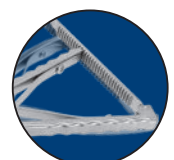
Small - Diamond Cut Pads #1877-D
Small - Horizontal Grooved Pads #1877

Small Grip Handle

Designed with the grip closer together for easier gripping and to help reduce hand fatigue



Small with Small Grip and Horizontal Grooved Pads #1877-SG



See page 2 for Accuracy Statement for devices with a measuring function.



The measuring scale on the spreader handle helps to accurately gauge the gap, and makes it possible for two spreaders to be used to assist in balancing ligaments.

Horizontal Grooved Pads

Diamond Cut Pads



The measuring scale on the spreader handle helps to accurately gauge the gap, and makes it possible for two spreaders to be used to assist in balancing ligaments.

Horizontal Grooved Pads

Diamond Cut Pads



Femoral Tibial Spreaders with Measuring Scale

Helps separate the femur and tibia during total knee replacement surgery

See page 2 for Accuracy Statement for devices with a measuring function.

Small 7" with Standard Handle



Small with Grooved Pads **#1850**
Small with Diamond Cut Pads **#1850-D**

Small with Coated Pads **#1850-01**

Small with Round Pads **#1865**

Small with Grooved Pads and Locking Mechanism **#1850-LR**

Small with Round Pads and Locking Mechanism **#1865-LR**

Small 7" with Locking Mechanism

Locking mechanism helps prevent accidental release, and provides for controlled adjustment and easy release



Small 7" with Small Grip Handle



Small Grip Handle

Designed with the grip closer together for easier gripping and to help reduce hand fatigue



Small Grip and Grooved Pads **#1850-SG**

Small Grip and Coated Pads **#1850-01-SG**

Small Grip and Round Pads **#1865-SG**

Medium 10" with Standard Handle



Medium with Grooved Pads **#1855**
Medium with Diamond Cut Pads **#1855-D**

Medium with Round Pads **#1866**

Medium 10" with Speed Lock Handle

Helps allow precise control and prevent unintended release.

Speed lock modification designed by Nasim A. Rana, MD



Medium with Speed Lock & Grooved Pads (No Calibrations) **#1855-SL**

Medium 10" with 90° Long Arms, Round Pads

Designed by Adam Almague, MD



#1866-D

New!

Longer 90° arms are helpful with visualization and useful for large patients

Large 12" with Standard Handle



Large with Grooved Pads **#1860**



Scott Femoral Tibial Tensor/Spreader

Designed by Richard Scott, MD*

Used before determining femoral component rotation to help properly tense the medial and lateral ligaments and help assure a stable, balanced flexion gap



Narrow Fixed Pads **#1995**

Wide Fixed Pads* **#1996**

Wide Block Pads **#1997**

Round Pads **#1998**

*Pad Modification for Wide Fixed Pad designed by Raymond H. Kim, MD

US Patent #8,162,951 B2

See page 2 for Accuracy Statement for devices with a measuring function.

Lombardi Femoral Tibial Spreader with Easy Release Locking Mechanism

Spreader designed by Adolph V. Lombardi Jr., MD. Locking mechanism designed by Munish C. Gupta, MD

Thin pads help to separate the femur and tibia during total knee procedures, the locking ratchet mechanism helps prevent accidental release, and provides for controlled adjustment and easy release



Large - Horizontal Grooved Pads and Easy Release Locking Mechanism **#1875-LR**

Small - Horizontal Grooved Pads and Easy Release Locking Mechanism **#1876-LR**

See page 2 for Accuracy Statement for devices with a measuring function.

Baldwin Distal Femoral Protector

Designed by James L. Baldwin, MD

Applied to the distal femoral cut after preparation of the femur, this device helps to protect the femoral bone from damage and increase the leverage for the posterior retractor used to expose the tibia

Particularly applicable in patients with osteoporosis and soft bone due to other causes.

Set of Two Sizes #4232-00
Also Available Individually

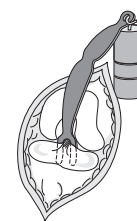


Small
#4232-01

Large
#4232-02

PCL Retractors

Designed to straddle the cruciate ligament and lie in the femoral condylar notch, allowing the surgeon to retract the tibia away from the femur for better access



Standard
#2820

Coated Standard
#2820C

OrthoLucent® Standard
#2820-R*

Straight
#2820-S

Wide Prong
#2825

Mayo Wide Prong
with Ergonomic
Handle #2825-01

Designed by Joseph Mayo, MD.
Handle designed by Munish C. Gupta, MD.

MIS PCL Retractor

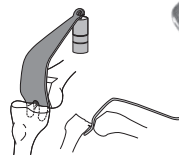
Designed by S. David Stulberg, MD



#6203

Wide PCL Retractor

Designed by S. David Stulberg, MD



Designed to expose the proximal tibia during total knee surgery for better access to the articulating surfaces



#3520

MIS Modified Wide PCL Retractor

Designed by S. David Stulberg, MD



Standard #3510

With Velcro Strap #3515

Lester Proximal Tibial TKA Retractor

Designed by D. Kevin Lester, MD

Helps expose the cut surface of the tibia to allow sizing, preparation and cleansing during TKA

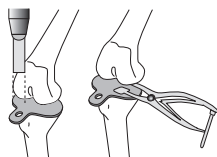


#4699

Sorrells Tibia Protector Plates

Designed by R. Barry Sorrells, MD

Designed to protect the surface of the tibia



Small #1135

Large #1130

Femoral Tibial Coated Spreader Bar

Designed by Adolph V. Lombardi Jr., MD

Designed to separate the femur and tibia when implant components are in place, the coated end helps to protect from scratching component surfaces



#1820



Distal Femur Distractor

Helps distract the distal femur away from the proximal tibia

Upward Bent Handle
#4220-01

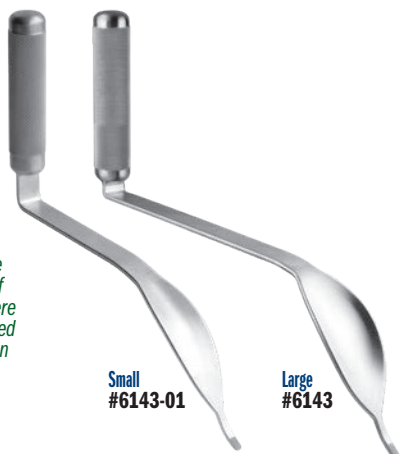
Standard Handle
#4220-00



Harwin Modified Cobra Retractor

Designed by Steven F. Harwin, MD, FACS

Designed for use during total knee surgery, the wide blade of the large retractor spans the prepared box and helps bring the tibia forward, while the small retractor helps with retraction of the medial and lateral structures, where the wide, concave blade provides added exposure over standard bent Hohmann retractors



Small
#6143-01

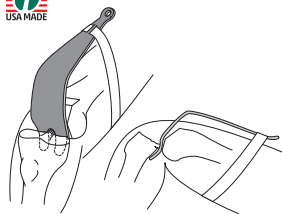
Large
#6143



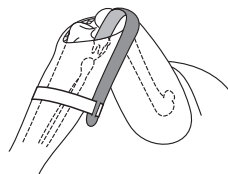
Self-Retaining Knee Retractor System

Designed by S. David Stulberg, MD

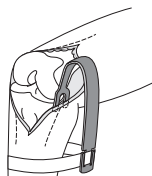
Helps free assisting personnel while providing excellent exposure



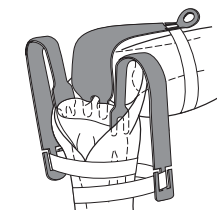
MIS Modified Wide PCL Retractor with Strap
#3515



Wide PCL Retractor with Strap
#3525



Single Prong Collateral Ligament Retractor with Strap
#6650



Long Prong Collateral Ligament Retractor with Strap
#6630

Stubbs Short Prong Collateral Ligament Retractor with Strap
#6640

Designed by B. Stubbs, MD

Long Strap - Femur #8100-P [Pkg. of 10]
Short Strap - Tibia #8120-P [Pkg. of 10]

Modular Weights

Used to help hold retractors in place

Set of Three #3430-00
Also Available Individually



2.0 lbs. (.91 kg)
#3430-02



2.5 lbs. (1.13 kg)
with attaching hook
#3430-03

1.5 lbs. (.68 kg)
#3430-01

Retractor Springs

Set of 5 Sizes #8211-00
Also Available Individually



Designed to attach to a retractor's slot or hole to aid with assistant free retraction

New!

For use as an alternative to velcro straps

Lonner Swan Lateral Knee Retractor

Designed by Jess Lonner, MD and Martin Hyneman

Ergonomically designed for more effective retraction when using a robotic arm, allowing for clearer views of the surgical site

The retractor can effectively protect the lateral soft tissues and the patella when resecting the tibial plateau and lateral femoral condyle.



New!



#6651

Booth Knee Retractor

Designed by Robert E. Booth, Jr., MD



#6580

Designed to help protect the tibial surface and to tighten the collateral ligaments and to help assess the rotation of the femur



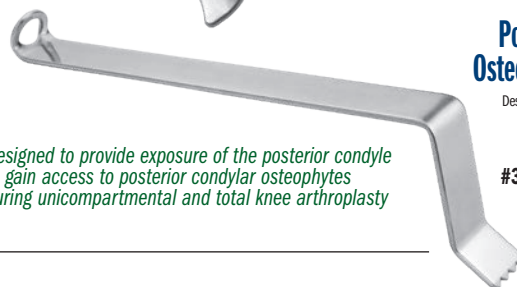
Posterior Condylar Osteophyte Retractor

Designed by Andrew Glassman, MD



#3730

Designed to provide exposure of the posterior condyle to gain access to posterior condylar osteophytes during unicompartmental and total knee arthroplasty



Rosen Double Ended Retractors

Designed By Adam Rosen, DO

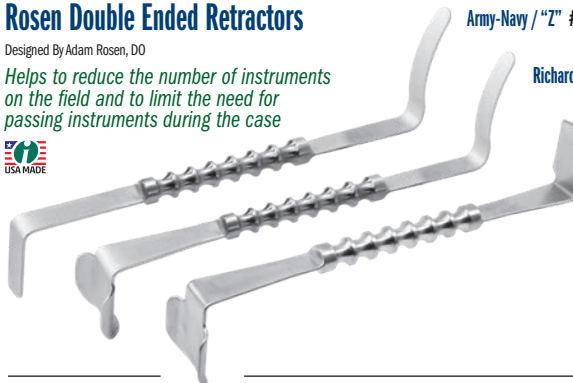
Helps to reduce the number of instruments on the field and to limit the need for passing instruments during the case



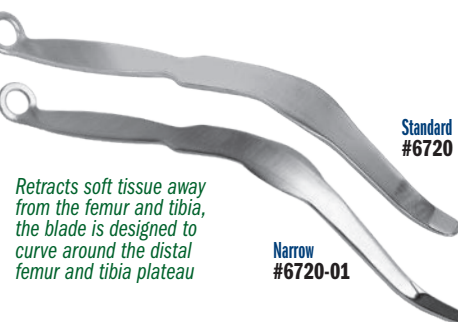
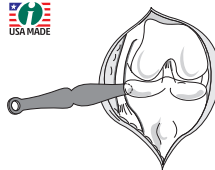
Army-Navy / "Z" #4005

Richardson / "Z" #4010

Richardson / Richardson #4010-01



Concave Total Knee Retractor



Standard #6720

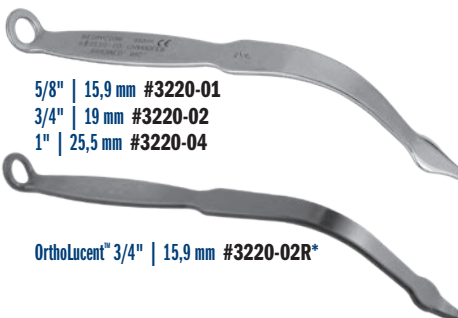
Narrow #6720-01

Retracts soft tissue away from the femur and tibia, the blade is designed to curve around the distal femur and tibia plateau

Chandler Retractors

Used for retracting tissue away from the bone, and helpful for posterior exposure of the tibia in MIS surgery

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



5/8" | 15,9 mm #3220-01

3/4" | 19 mm #3220-02

1" | 25,5 mm #3220-04

OrthoLucent™ 3/4" | 15,9 mm #3220-02R*

MIS Utility Knee Retractor

Designed by William Robb, MD

Used interchangeably for medial exposure, lateral exposure and to assist in posterior exposure for the tibia, helps to keep hands out of the field of view while providing retraction in minimally invasive knee surgery



#3220-03



Roose Utility Knee Retractor

Designed by Paul Roose, DO

Used for retraction of the soft tissues laterally or medially and for anterior translation of the tibia during tibial prosthetic insertion



#4532



Bolanos Modified Chandler Retractor

Designed by Alberto Bolanos, MD

Used for retracting tissue away from the bone



#3222



Uni Medial/Lateral Ligament Retractor

Designed by Kurt Kramer, PA-C

Designed to be placed in the medial/lateral tibial recess while making the horizontal tibial cut during unicompartmental knee arthroplasty—helping to retract and protect the medial and lateral collateral ligaments

#3632

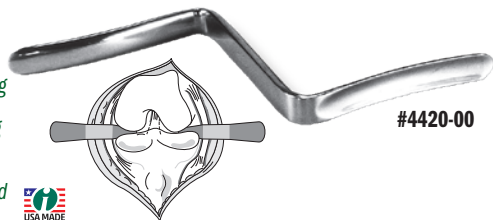


"Z" Knee Retractor

Designed to expose the femur and the tibia during knee surgery for better access to the articulating surfaces, the "Z" contouring provides the surgeon with an open field of view and working area

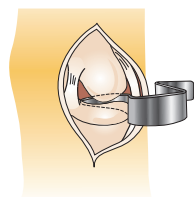


#4420-00



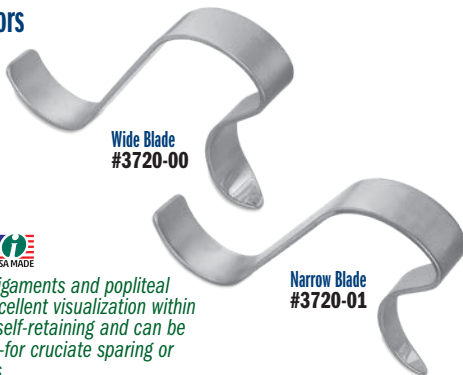
"S" Total Knee Retractors

Designed by R. Barry Sorrells, MD



Wide Blade
#3720-00

Narrow Blade
#3720-01



Helps protect the collateral ligaments and popliteal structures while providing excellent visualization within the knee joint, the design is self-retaining and can be used singularly and in pairs—for cruciate sparing or sacrificing prosthetic designs

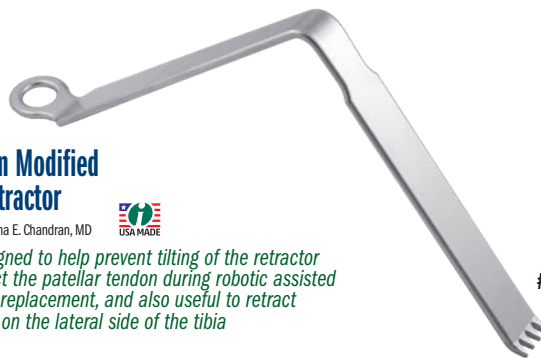
Chandran Modified Knee Retractor

Designed by Rama E. Chandran, MD



#7117

Teeth designed to help prevent tilting of the retractor and protect the patellar tendon during robotic assisted total knee replacement, and also useful to retract structures on the lateral side of the tibia



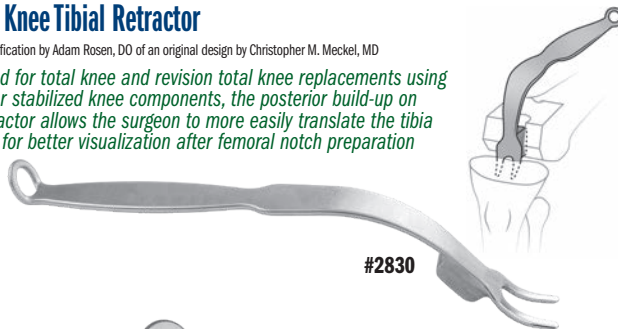
Rosen Knee Tibial Retractor

Design modification by Adam Rosen, DO of an original design by Christopher M. Meckel, MD

Designed for total knee and revision total knee replacements using posterior stabilized knee components, the posterior build-up on the retractor allows the surgeon to more easily translate the tibia forward for better visualization after femoral notch preparation



#2830



Manzary Proximal Tibial Stabilizing Knee Retractor

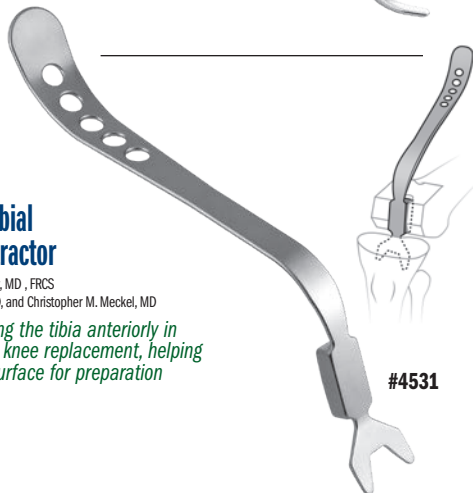
Design modification by Mojib Manzary, MD, FRCS

of original design by D. Kevin Lester, MD, and Christopher M. Meckel, MD

Designed to help subluxing the tibia anteriorly in posterior stabilizing total knee replacement, helping to expose the proximal surface for preparation



#4531



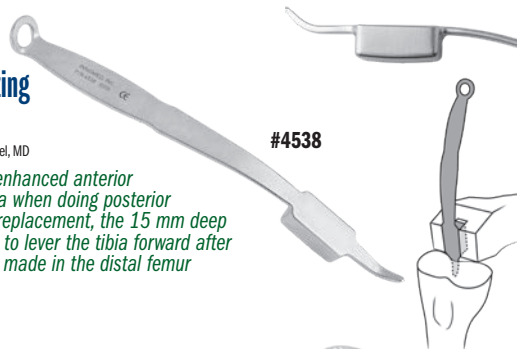
Meckel Posterior Stabilizing Knee Retractor

Designed by Christopher M. Meckel, MD

Designed to provide enhanced anterior translation of the tibia when doing posterior stabilized total knee replacement, the 15 mm deep blade section is used to lever the tibia forward after the box cut has been made in the distal femur



#4538



Stulberg Incision Close Gelpi & Blade Set

Designed by S. David Stulberg, MD

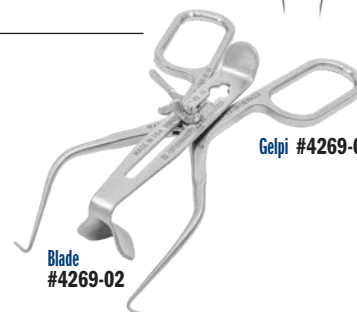
Designed to help expose difficult to visualize areas at the end of incisions

Set - 1 Gelpi & 1 Blade #4269-00
Also Available Individually



Blade
#4269-02

Gelpi #4269-01



Scott TKA Retractors

Designed by David F. Scott, MD



Large
#6652

Small
#6653

Designed for excellent exposure for open knee surgery, primarily knee replacement procedures

New!

Bent Hohmann Retractors—Narrow

Helps retract tissues at the margins of the joint

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

Extra Grip Tip design modification by Alfred A. Durham, MD



Designed by
Carl DiRaimondo, MD

Narrow
#7110

Narrow with Extra Long Handle
#7110-01

OrthoLucent™ Narrow
#7110-R*

Narrow with Extra Grip Tip
#7111

Short-tipped Narrow
#7115

Short-tipped Narrow with Extra Long Handle
#7115-01

Extra Deep Narrow
#7115-03

Modified Angled Hohmann Retractor with Long Handle and Short Tip

Designed by R. Michael Meneghini, MD

Longer handle to help provide safe patella retraction with excellent ergonomics, and useful in other orthopedic procedures

Excellent for gently retracting the patella and extensor mechanism on heavy obese patients and muscular male patients.



#7119

Bent Hohmann Retractors—Wide

Helps retract tissues at the margins of the joint



Wide
#6590

Wide with Extra Long Handle
#6590-01

Teurlings Modified Bent Hohmann Retractor

Designed by Luc Teurlings, MD

Designed to help protect the femur cuts while retracting the MCL, the twisted blunt end also helps elevate the femur and protect the MCL



#7109

Narrow Right Angle Retractor

Designed for soft tissue retraction



#C1011

Modified Hohmann Retractors

Handle is contoured to allow better leverage and visualization

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



Narrow
#4535

OrthoLucent™ Narrow
#4535-R*

Extra Deep Narrow
#4535-01

Short-tipped Narrow
#4545

Designed by
Carl DiRaimondo, MD

Wide
#6595

Extra Deep Wide
#6595-01

Wetzel Modified Hohmann Retractor

Designed by Robert Wetzel, MD and Todd McKinley, MD

The long point is designed to be placed around, on, or through a bony structure and then levered back to retract tissue

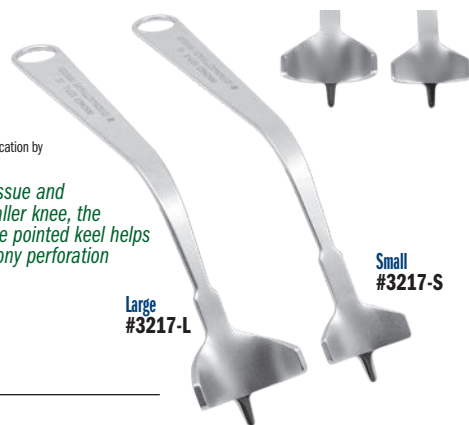


#4539

Modified Short Tip Fat Pad Retractors

Designed by Robert Wubben, MD, with modification by Mojib Manzary, MD, FRCSC

Designed to help with soft tissue and fat pad retraction in the smaller knee, the blunted, shortened end of the pointed keel helps provide protection against bony perforation



Large
#3217-L

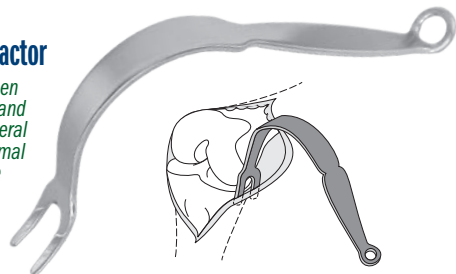
Small
#3217-S

Collateral Ligament Retractor

Designed to be inserted between the lateral collateral ligament and bone to help protect the collateral ligament and expose the proximal tibia, the dual prongs keep the retractor from rocking



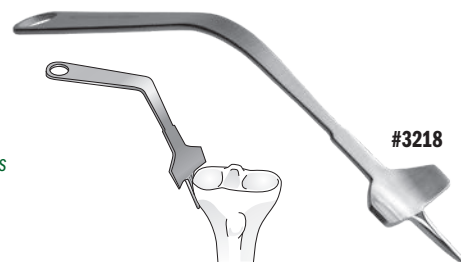
#6620



Wubben Lateral Fat Pad Retractor for TKR

Designed by Robert Wubben, MD

Designed to hold soft tissues when inserting the TKR



#3218

Modified TKA Retractor Set

Designed by Robert Wubben, MD, with modification by David Ott, MD

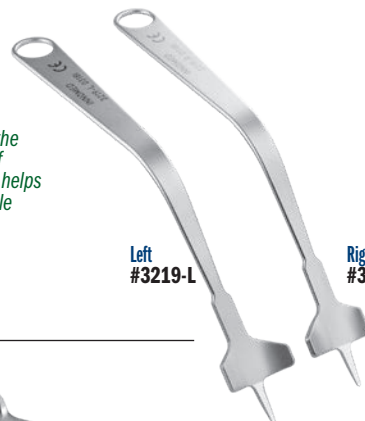
Designed for soft tissue retraction, the reduced phalange allows for ease of placement in the lateral gutter, and helps avoid contact with the lateral condyle

Set of One Each #3219-00
Also Available Individually



Left
#3219-L

Right
#3219-R



#3220-05

MIS Patella Retractor

Designed by William Robb, MD



AORI Patellar Retractor

Designed by Gerard A. Engh, MD

Designed to enhance total knee exposure, the retractor has a deep basket and two rows of teeth to grab and hold to the lateral side of the patella, while the curved handle provides a fulcrum so that the applied force will both displace and evert the patella from the femur



#4690



Blount Retractor with Small Handle

Designed by Ronald Romanelli, MD

A blount retractor with a lightweight ergonomic handle designed for tissue retraction and closure assistance in knee, shoulder, and hip arthroplasty



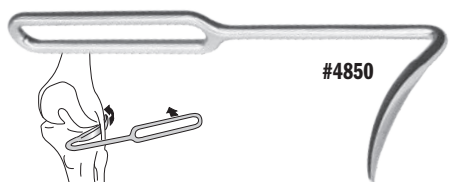
#4852



Blount Knee Retractor

Designed by James B. Stiehl, MD

Helps create better access to the articulating surfaces



#4850

Baldwin Lateral Soft Tissue Retractors

Designed by James L. Baldwin, MD

The fenestrated paddle design helps holds back the fat pad and soft tissues, while the two sharp-tipped prongs help penetrate the soft tissue, but have flat surfaces that rest against the side of the tibia and help prevent rotation of the instrument



Blunt Prongs
#6313

Sharp Prongs
#6312



Chandran Tibial Knee Retractor

Designed by Rama E. Chandran, MD

Designed for use in TKR, the hook on the front of the blade acts as a stop to help prevent the retractor from deep penetration behind the tibia



#4533



45° Knee Retractors

Designed for use around the knee



Large
#6290-00-075

Medium
#6290-00-077

Medium Straight
#6290-00-078

Small
#6290-00-076





Minimally Invasive Knee Retractors



Helps provide excellent visibility and ligament protection during Total and Unicondylar Knee Replacement Surgery



Knee Retractors with Easy Grip Handles

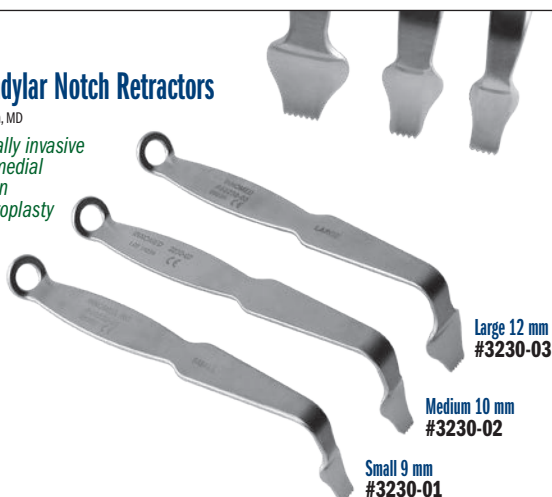


Helps provide excellent visibility and ligament protection during total and unicondylar knee replacement surgery, while the silicone handle helps reduce holding fatigue

Engl Intercondylar Notch Retractors

Designed by Gerard A. Engl, MD

Enhances minimally invasive exposure of the medial femoral condyle in unicondylar arthroplasty



Powers Flared Small Knee Retractor

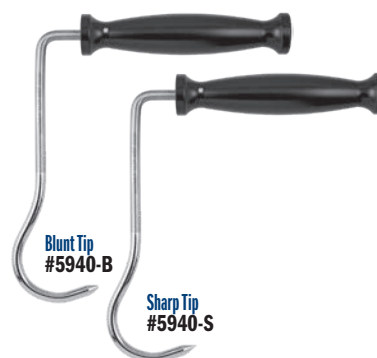
Designed by Mark Powers, MD



#6291

A bent knee retractor with a cobra flare to help provide optimal exposure

New!



90° Bone Hook

Designed by Charles Taunt, DO

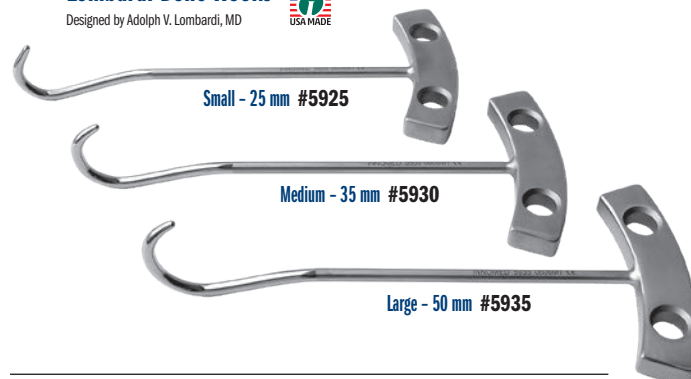
Designed to ergonomically help the surgical assistant elevate the proximal femur during TKA, the bone hook aids the surgeon in accessing posterior osteophytes and in applying local anesthetic to the posterior capsule

Takes the place of an intramedullary device when the IM canal has not been opened (robotic assistance) or when damaged or osteopenic bone is of concern.



Lombardi Bone Hooks

Designed by Adolph V. Lombardi, MD



Bone Hooks

Designed by R.L. Wixson, MD

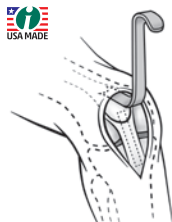
Designed for proximal femoral elevation in total hip replacement or in other surgery with a similar need for bone manipulation – the instrument has a blunt tip and a large handle to accommodate the use of two hands if desired



Designed by: R.L. Wixson, MD & J. McCarthy, MD

Sherman Patella Tendon Harvest Retractor

Designed by Mark Sherman, MD



Designed to help improve exposure and lessen the incision necessary to harvest a patella tendon graft during anterior cruciate ligament bone-patella tendon-bone (BTB) reconstruction

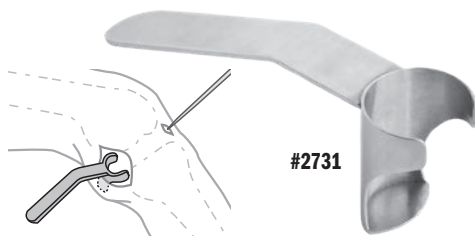


#4691

Bicos Meniscal Repair Retractor

Designed by James Bicos, MD

A popliteal retractor specifically designed for meniscal repair or access to the posterior knee



#2731

Grant TKA Rasps

Designed by Richard E. Grant, MD

Bone rasp designed for TKA tibial cut surface preparation



2° Right Rasp
#6906-03

0° Rasp
#6906-00

2° Left Rasp
#6906-02

Chandran Cannulated Dilator/Sizer for Reconstruction

Designed by Rama E. Chandran, MD

Designed for dilating and sizing the bony tunnel during ACL reconstruction

Can also be used for sizing the tenodesis screws.



#8204

See page 2 for Accuracy Statement for devices with a measuring function.

New!

Kodkani Tissue Elevator Suture/Graft Passer

Designed by Pranjal Kodkani, MD

Designed for MPFL reconstruction basket weave technique, and helpful for mini-open ligament reconstruction surgeries for graft passage



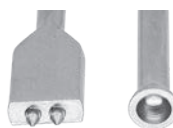
No Slot #1114

With Slot #1114-01

Bach Graft Pusher Set

Designed by Bernard Bach Jr., MD

Graft Pusher Set #5080-00
Also Available Individually



Bach Double Pointed Graft Pusher

Flat head 3/8" wide by 1/8" thick with two tines designed to help stabilize graft when sliding up the tibial tunnel

#5080-01

Bach Cupped Graft Pusher

Designed for femoral bone plug placement using the "push in" technique

#5080-02



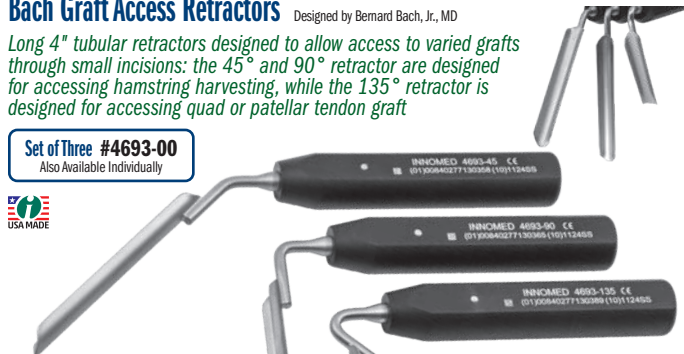
New!

Bach Graft Access Retractors

Designed by Bernard Bach, Jr., MD

Long 4" tubular retractors designed to allow access to varied grafts through small incisions: the 45° and 90° retractor are designed for accessing hamstring harvesting, while the 135° retractor is designed for accessing quad or patellar tendon graft

Set of Three #4693-00
Also Available Individually



45°

#4693-45

Designed for hamstring harvesting with the end of the tube being placed along the course of the medial hamstring tendon(s).

90°

#4693-90

Designed for patellar tendon harvesting; the retractor being positioned at the proximal or distal end of the longitudinally oriented incision. Can also be used to assist in accessing hamstrings.

135°

#4693-135

Designed specifically for quad tendon harvesting. The surgeon is harvesting the tendon proximal to the patella; surgical dissection proceeds from the patella proximally. The assistant's hand would be positioned proximal to the patella; the angle of this retractor positions the hand out of the surgical field.

New!

Wilson Patella Double #3 Scalpel Handle

Designed by Ralph Wilson, MD

Designed to help make a predictable (10 mm wide) incision in the patellar tendon when harvesting ACL graft material



#8207

Uses scalpel blades that fit a #3 handle size. Scalpel blades not included.



Rose Hamstring Tendon Harvester

Designed by Donald J. Rose, M.D., FACS, FAOS



#4692

OPEN

CLOSED

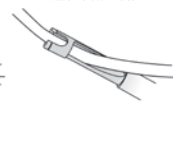
Designed to easily convert from an open to a closed device without sharp edges to facilitate safe harvesting of hamstring tendon autografts

Harvester placed in open position capturing tendon, with pes anserinus attachment still intact.

Harvester in closed position capturing tendon, with pes anserinus attachment still intact.

Co-linear advancement of harvester, without twisting, separating tendon (under tension) from muscular attachment.

Retrieved tendons. Graft length may be maximized by subsequently avulsing pes anserinus from its tibial attachment by distal traction, after both gracilis and semitendinosus tendons are harvested.



Powers Femoral Tibial Space Gauge/Shim

Designed by Mark Powers, MD

Designed to help evaluate flexion/extension gaps, and as a shim for functional and kinematic alignment in total knee replacement

The device is steam sterilizable.



Profile



Seymour ACL Graft Advancer

Designed by Scott Seymour, MD

Designed to facilitate the passage and tensioning of an ACL graft into the femoral and tibial tunnels, a loop is tied in the prepared graft's passing sutures and the device is used to pull the graft into the tunnels, then to tension the fixation



#1117



TKA Gap Assessment Gauge Assembly

Designed by Michael Radon

Universal design allows the gauge to be used without the removal of trials to help determine if a 1 or 2mm additional thickness insert may be needed

The rod can be inserted in the gauge to help check alignment.



Gauge
#5216-01

Alignment Rod
#5216-02

Gauge & Rod Set #5216-00
Also Available Individually



Trans-sulcus Angle Guide

Designed by Richard Scott, MD

Helps establish the trans-sulcus line



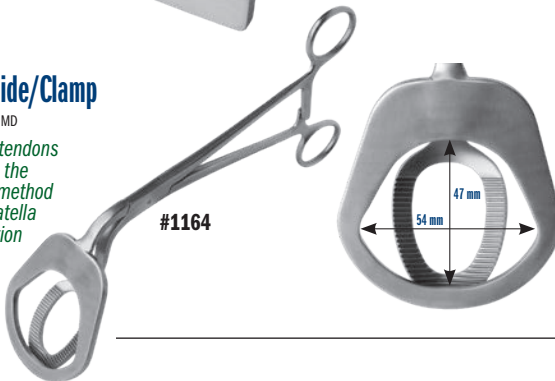
#1160



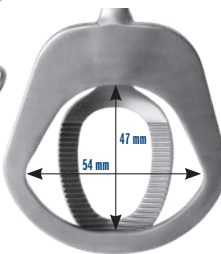
Scott Patella Resection Guide/Clamp

Designed by James Scott, MD

Helps move the tendons anteriorly, giving the surgeon a good method of holding the patella stable for resection



#1164



#2029

Merchant Surgical Goniometer

Designed by Alan Merchant, MD

Designed to help assess frontal plane limb alignment or measure the Q angle



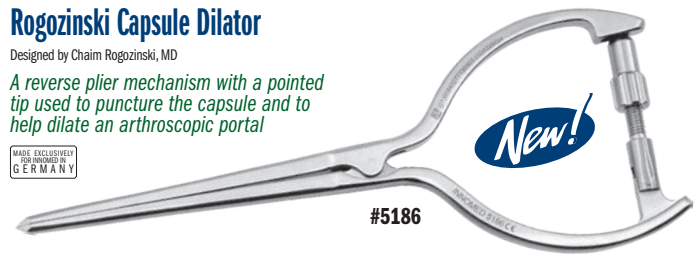
See page 2 for Accuracy Statement for devices with a measuring function.



Rogozinski Capsule Dilator

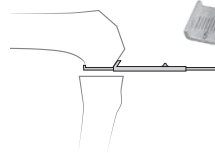
Designed by Chaim Rogozinski, MD

A reverse plier mechanism with a pointed tip used to puncture the capsule and to help dilate an arthroscopic portal



#5186

New!



See page 2 for Accuracy Statement for devices with a measuring function.

Wilson Condylar Gauge

Designed by Ralph Wilson, MD

Designed to measure the posterior femoral condyle after the posterior cuts have been made in total knee arthroplasty

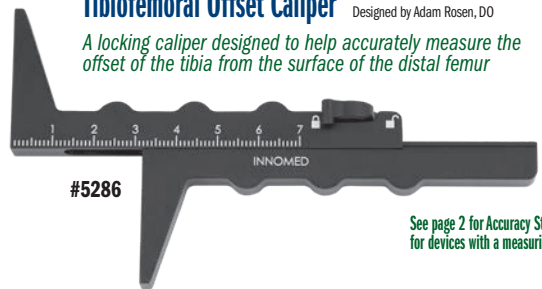
#1194



Tibiofemoral Offset Caliper

Designed by Adam Rosen, DO

A locking caliper designed to help accurately measure the offset of the tibia from the surface of the distal femur



#5286



See page 2 for Accuracy Statement for devices with a measuring function.

Ortho Caliper

Designed by Odell Woods



#5285

See page 2 for Accuracy Statement for devices with a measuring function.

Tibia AccuAngle

Designed to be placed on the tibia cutting block to check if the cut is level

Includes magnets along the bottom.



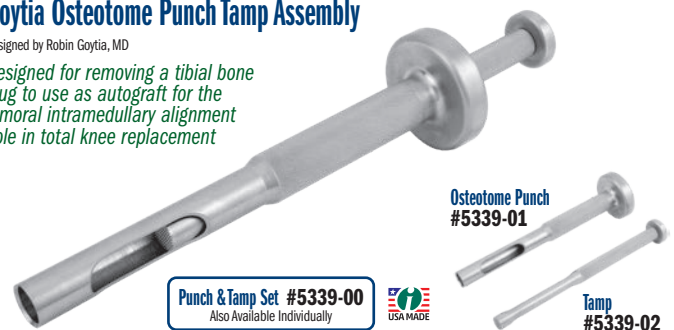
#1145

See page 2 for Accuracy Statement for devices with a measuring function.

Goytia Osteotome Punch Tamp Assembly

Designed by Robin Goytia, MD

Designed for removing a tibial bone plug to use as autograft for the femoral intramedullary alignment hole in total knee replacement



Punch & Tamp Set #5339-00
Also Available Individually



Osteotome Punch
#5339-01

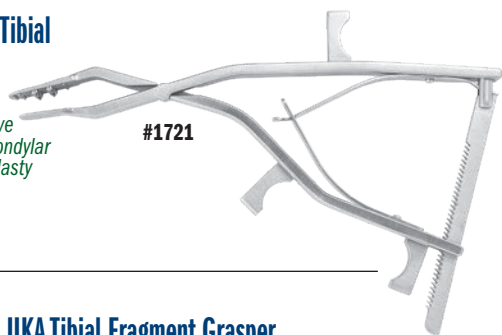
Tamp
#5339-02

Andrews Modified Tibial Fragment Grasper

Designed by Scott Andrews, MD

Designed to help remove tibial bone during unicondylar and total knee arthroplasty

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



#1721

Rosenstein Forked UKA Tibial Fragment Grasper

Designed by Alexander D. Rosenstein, MD

Used to help remove the tibial bone fragment during UKA, the forked upper jaw design helps the instrument to fit around a femoral condyle while the thin lower jaw slips through the osteotomy site

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



Large - 23 mm Jaw #1720-02

Designed to fit large knee joints

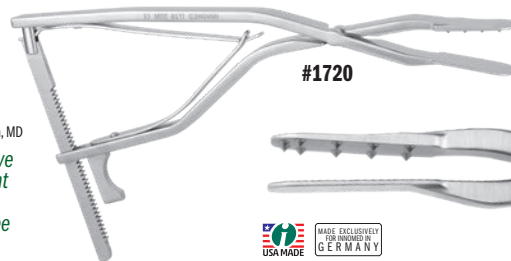
Small - 18.5 mm Jaw #1720-03

Designed to fit small and medium knee joints

Rosenstein Tibial Fragment Grasper for UKA

Designed by Alexander D. Rosenstein, MD

Designed to help remove the tibial bone fragment in one piece during Unicompartmental Knee Arthroplasty



#1720

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY

Bhargava Anterior Hip Labral Grasper

Designed by Tarun Bhargava, MD

Designed to help remove the labrum and soft tissues in anterior total hip surgery, and very useful in helping to remove posterior osteophytes in knee surgery



#1776

USA MADE

Patella Cover Plate

Designed by S. David Stulberg, MD

Protects the cut surface of the patella during minimally invasive knee surgery



Set of 4 Sizes #4230-00
Also Available Individually

USA MADE

Set Includes/Available Individually:

Small - 35 x 31 mm #4230-01

Medium - 36 x 32 mm #4230-02

Large - 37 x 33 mm #4230-03

Extra Large - 38 x 34 mm #4230-04

Patella Grasping Forceps

Designed by S. David Stulberg, MD

Bent handle helps the surgeon to evert the patella during minimally invasive knee surgery

Normally two forceps are used. Sold individually.

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



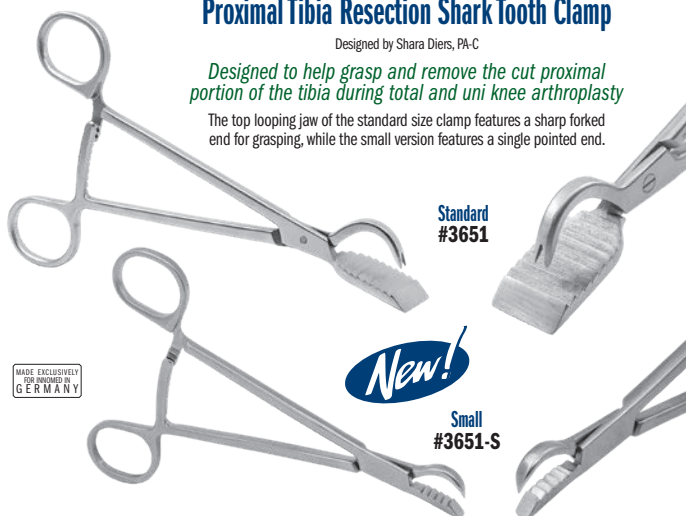
#4250

Proximal Tibia Resection Shark Tooth Clamp

Designed by Shara Diers, PA-C

Designed to help grasp and remove the cut proximal portion of the tibia during total and uni knee arthroplasty

The top looping jaw of the standard size clamp features a sharp forked end for grasping, while the small version features a single pointed end.



Standard
#3651

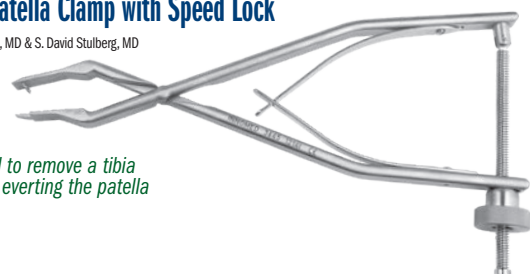
New!

Small
#3651-S

Fracchia Tibia/Patella Clamp with Speed Lock

Designed by Michael J. Fracchia, MD & S. David Stulberg, MD

#3645



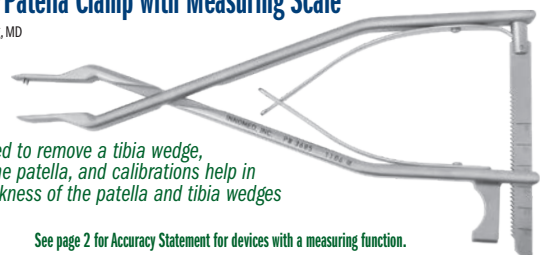
Designed to be used to remove a tibia wedge, and helps in everting the patella

USA MADE

Universal Tibia/Patella Clamp with Measuring Scale

Designed by S. David Stulberg, MD

#3685



Designed to be used to remove a tibia wedge, helps in everting the patella, and calibrations help in measuring the thickness of the patella and tibia wedges

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY

See page 2 for Accuracy Statement for devices with a measuring function.

Andrews Modified Tibial Wedge Clamp

Designed by Scott Andrews, MD and Kuldeep Sidhu, MD

#3642



Designed to help remove the cut tibial bone quickly and easily during total knee procedures

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY

Sidhu Tibia Clamp

Designed by Kuldeep Sidhu, MD

Designed to be used to securely grasp and remove an entire tibial wedge, the tapered lower pad slides under the cut tibial wedge without first having to use wedges

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



#3643



Seachris Right Angle Rongeur with Curved Bite

Designed by Tim Seachris

Designed for cartilage removal on the femur, tibia, and patella

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY

New!



Modified Rongeur with Pistol Grip Handle

Design modification by Morteza Meftah, MD and Ira Kirschenbaum, MD, of an original design by James T. Mazzara, MD.

A thin top cutter and deep lower cutter, with edges that are rounded off, allows the top cutter to slide into a tight space—specifically the acetabulum or the patella—while the pistol grip helps lessen hand fatigue and slippage, and allows for better visualization



USA MADE

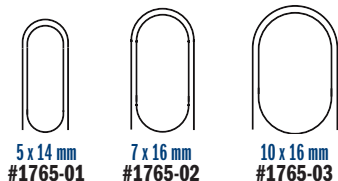
Mazzara Rongeur with Pistol Grip Handle

Designed by James T. Mazzara, MD

Pistol Grip handle lessens hand fatigue and slippage, and allows for better visualization



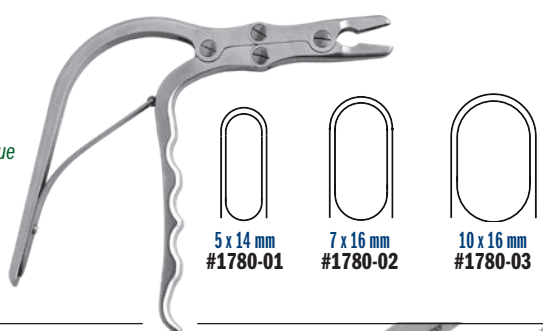
USA MADE



Ortho Rongeur with Easy Grip Handle

Offset handle lessens hand fatigue and slippage, and allows for better visualization

USA MADE



5 x 14 mm
#1780-01

7 x 16 mm
#1780-02

10 x 16 mm
#1780-03

Lotke Double Action Cartilage Graspers

Designed by Paul Lotke, MD

Double action strength helps to securely hold soft tissues

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY

Standard #1710

Ratcheted #1715

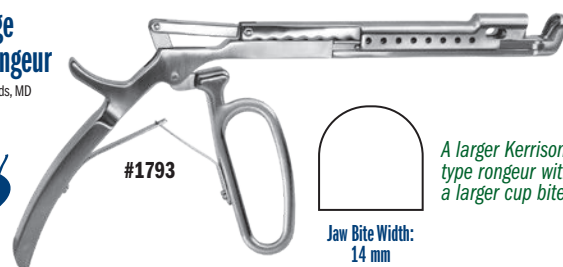


Shields Large Kerrison Rongeur

Designed by John Shields, MD

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY

New!



Jaw Bite Width:
14 mm

A larger Kerrison type rongeur with a larger cup bite

Becker Hammerhead Rongeur

Designed by Clint Becker, MD

Designed to help remove osteophytes from around the acetabulum, tibia, and glenoid

15 x 7 mm Jaw.

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



#1775-05

Hannum Modified Angled Grasper

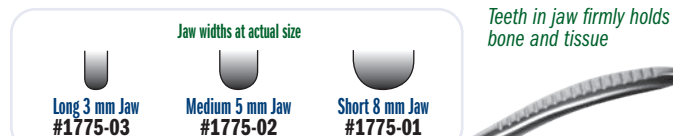
Designed by Scott Hannum, MD

Heavy duty large bone grasper designed to help trim acetabular osteophytes — angled to ergonomically fit around the rim via the direct anterior approach



#1775-04

USA MADE



Hannum Grasper

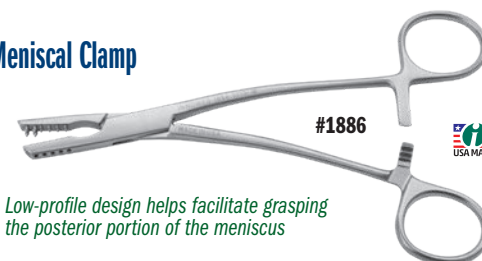
Designed by Scott Hannum, MD

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



Bhargava Modified Meniscal Clamp

Designed by Tarun Bhargava, MD



#1886

Low-profile design helps facilitate grasping the posterior portion of the meniscus

USA MADE

Meniscal Clamp



#1883

Redesigned clamp is curved for easier use, visualization, and tissue holding

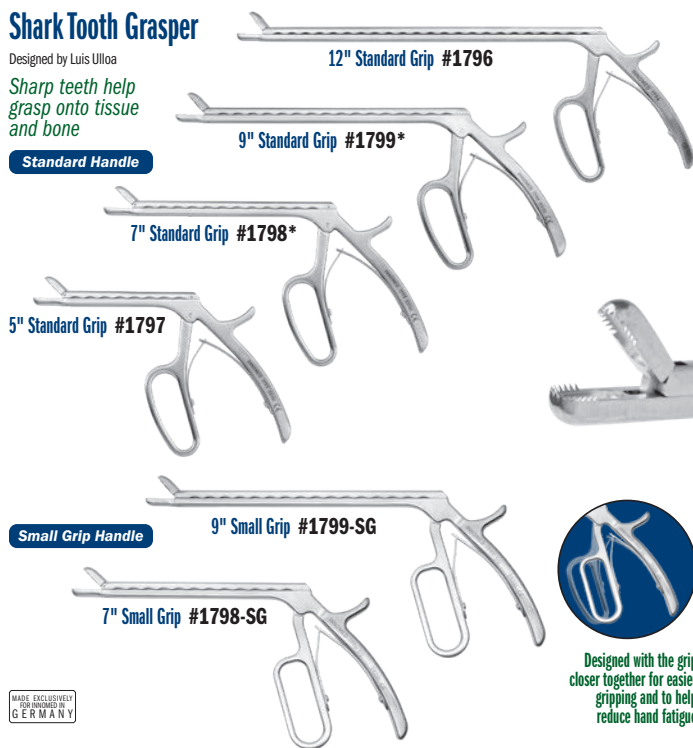
USA MADE

Shark Tooth Grasper

Designed by Luis Ulloa

Sharp teeth help grasp onto tissue and bone

Standard Handle



MADE EXCLUSIVELY FOR INNOVAMED IN GERMANY

Tissue Graspers with Shark Teeth

Designed by Luis Ulloa

Shark teeth help to grasp on to tissue and bone



MADE EXCLUSIVELY FOR INNOVAMED IN GERMANY

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

MADE EXCLUSIVELY FOR INNOVAMED IN GERMANY



Tapered Jaw #1813

Tapered Narrow Jaw #1813-01*

Square Jaw #1814

Powers Modified Kocher Clamps

Designed by Mark Powers, MD

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



MADE EXCLUSIVELY FOR INNOVAMED IN GERMANY

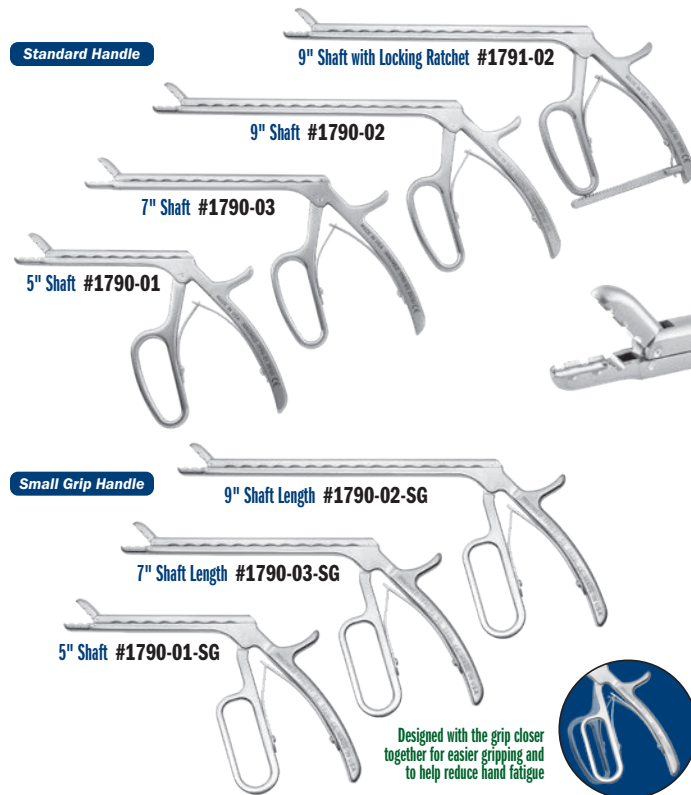
USA MADE

Intraarticular Tissue Grasper/Rongeur

MADE EXCLUSIVELY FOR INNOVAMED IN GERMANY

Used to securely grasp tissue or can be used to rongeur tissue

Standard Handle



Small Grip Handle

Designed with the grip closer together for easier gripping and to help reduce hand fatigue

Sure Grip Soft Tissue Grasper

Designed by Andrew Glassman, MD

Enables the surgeon to securely grasp soft tissue structures within the knee



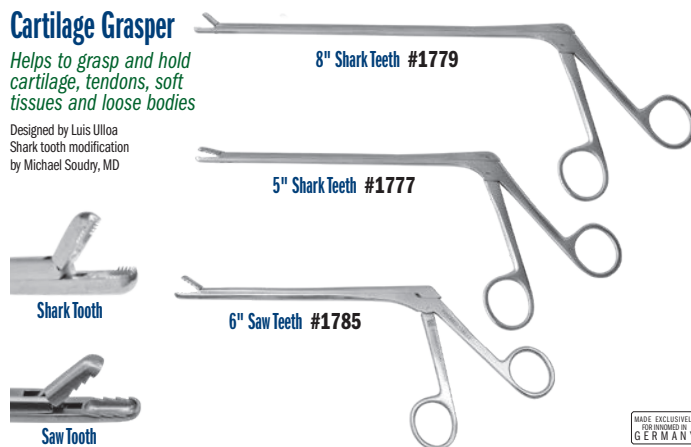
MADE EXCLUSIVELY FOR INNOVAMED IN GERMANY

USA MADE

Cartilage Grasper

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

Designed by Luis Ulloa
Shark tooth modification by Michael Soudry, MD



Shark Tooth

Saw Tooth

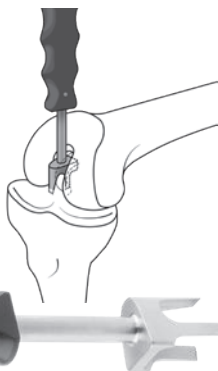
MADE EXCLUSIVELY FOR INNOVAMED IN GERMANY



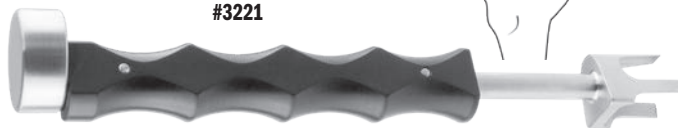
Meftah PCL Protector

Designed by Morteza Meftah, MD

Designed to help protect the posterior cruciate ligament in cruciate retaining total knee surgery during the proximal tibial cut



#3221



Tibial Impactor

Design modified by Atul F. Kamath, MD

Assists in MIS unicompartmental cemented tibial tray impaction, and can also be helpful for impaction of other components such as ankle



Replacement Part:
Pad Only #1129-02

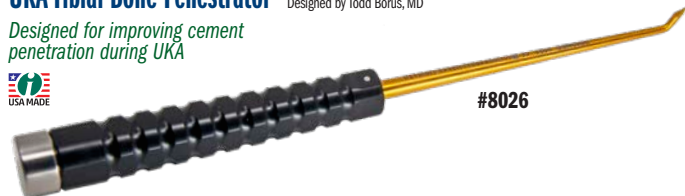


#1129

UKA Tibial Bone Fenestrator

Designed by Todd Borus, MD

Designed for improving cement penetration during UKA



#8026

Lombardi Tibia Cement Preparation Drill

Designed by Adolph Lombardi, MD

Designed to drill cancellous bone to help improve the mechanical interlock in the bone/cement interface



#1112



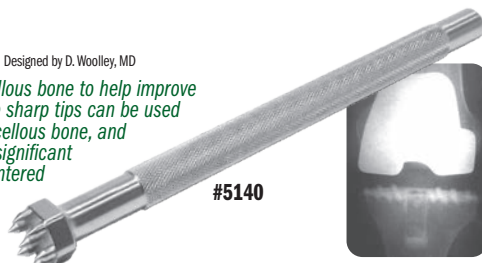
Woolley Tibia Punch

Designed by D. Woolley, MD

Designed to impact cancellous bone to help improve bone/cement interface, the sharp tips can be used on normal and dense cancellous bone, and can also be used when a significant deformity has been encountered resulting in sclerotic bone



#5140



#3731

Offset Gouge for Posterior Osteophyte Removal in TKA

Designed by Robert Steensen, MD

An offset gouge with a rounded edge designed to more effectively remove osteophytes from round posterior condyles during total knee arthroplasty



Durham Curved Osteotome

Designed by Alfred A. Durham, MD

Increased angle useful for posterior osteophytes of the femoral condyle and the humeral head, as well as anterior acetabular osteophytes



#4950



Wide Offset Osteotome

Designed by Paul Lotke, MD & Adam Rosen, DO

Designed to remove osteophytes from the posterior femoral condyles during knee arthroplasty



#4920



Lotke Offset Osteotome

Designed by Paul Lotke, MD

Designed to remove osteophytes from the posterior femoral condyles during knee arthroplasty



#4935



Dennis Offset Osteotome

Designed by Douglas Dennis, MD & Paul Lotke, MD

Designed to remove osteophytes from the posterior femoral condyles during knee arthroplasty



#4935-W



Engh Unicondylar Minimally Invasive Cement Scrapers

Designed by Gerard A. Engh, MD

Right and left design used to scrape cement from around and behind knee implants



Right
#4920-01

Left
#4920-02

Duke Enhanced Cement Remover

Designed by Justin Duke, MD and Chad Jameson, MBA-HCA

Designed for removal of cement and debris—especially useful in the back of the knee during partial knee replacements—where the 'spoon' portion of the instrument helps with retraction and visualization

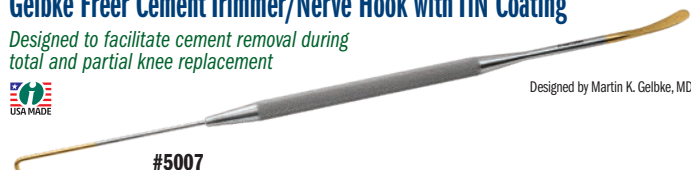
Helpful also in all cemented Total Knee Replacements. The end is Nitrate coated to help prevent metal transfer.

Gelbke Freer Cement Trimmer/Nerve Hook with TiN Coating

Designed to facilitate cement removal during total and partial knee replacement



Designed by Martin K. Gelbke, MD



Bozeman Cement Trimmer

Combines the two most common cement trimming tools into one



Designed by Daniel M. Gannon, MD

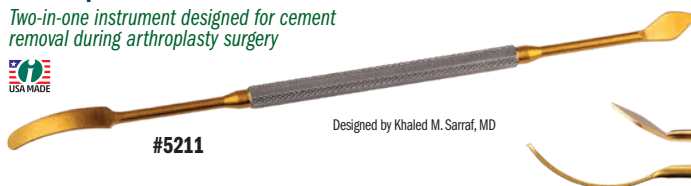


Sarraf Spearhead Cement Exciser

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



Designed by Khaled M. Sarraf, MD



Sarraf Cement Trimmer

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



Designed by Khaled M. Sarraf, MD



Sarraf TiN Coated Cement Forceps

Designed by Khaled M. Sarraf, MD



Robb Cement Curette

Designed to help remove cement around a knee or hip prosthesis

Made of Delrin

Designed by William Robb, MD



Bacastow Femoral Cement Osteotome

Designed by David Bacastow, MD

Uniquely shaped osteotome designed to help trim away cement from around a femoral knee component



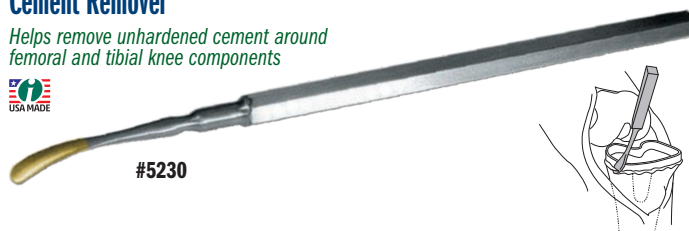
Cement Osteotome

Helps remove cement around the back of the tibia base



Cement Remover

Helps remove unhardened cement around femoral and tibial knee components



Scott Uni & Total Knee Cement Removing Curette

Designed by Richard D. Scott, MD

Sized, shaped and angled 90° to help with retrieval of posteriorly extruded cement behind the tibial component in both total and unicompartmental knee arthroplasty



Seachris Delrin Cement Scraper

Designed by Timothy Seachris

Reusable delrin scraper is designed to help remove cement around a knee or hip prosthesis



Wiater Shoulder Drape Crossbar

Designed by J. Michael Wiater, MD, FAOS, FAOA

Designed for use during shoulder surgery in the beach chair position or during other surgical procedures to support and keep the surgical drapes away from the surgical site, maintain a sterile field, and help to allow the anesthesia provider good access to the airway

Lightweight 60" (152.4 cm) stainless steel bar with end clamps for attaching to two IV poles.



#2417

Nicholson Headrest Set

Designed by Gregory Nicholson, MD

Helps provide excellent support when positioning the patient for all types of shoulder surgery in the beachchair position



#2450-SET

Set includes one Headrest, one Strap with Gel Pad, and two Pads.



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

Includes/Replacement Parts:

Strap with Gel Pad #2450-S

Set of 2 Small Pads #4150-PD2

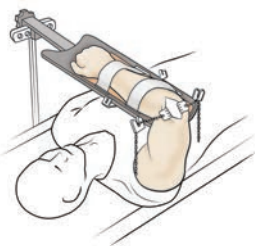
Auerbach Arm Holder Rake Retractor Set

Designed by David M. Auerbach, MD

Allows intraoperative positioning for procedures of the posterior arm, elbow, and forearm

Set #2415-00

Also Available Individually



Set includes:

- (1) Arm Holder Assembly,
- (1) Upright Rod,
- (2) 4-Prong Rake Chain Retractors,
- (2) 6-Prong Rake Chain Retractors,
- (2) Black Straps,
- (1) Table Clamp,
- (1) Silicone Pad

Replacement Part:

Black Straps Pkg of 10 #2590-S

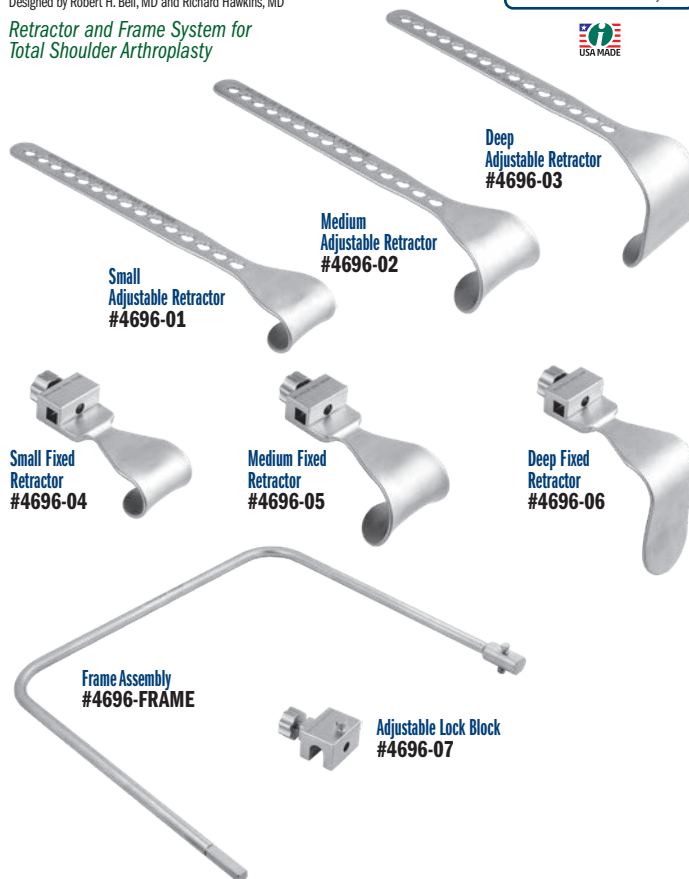
Bell-Hawkins Shoulder Frame and Blade Set

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

Retractor and Frame System for Total Shoulder Arthroplasty

Complete Set #4696-00

Also Available Individually



Small Adjustable Retractor #4696-01

Medium Adjustable Retractor #4696-02

Deep Adjustable Retractor #4696-03

Small Fixed Retractor #4696-04

Medium Fixed Retractor #4696-05

Deep Fixed Retractor #4696-06

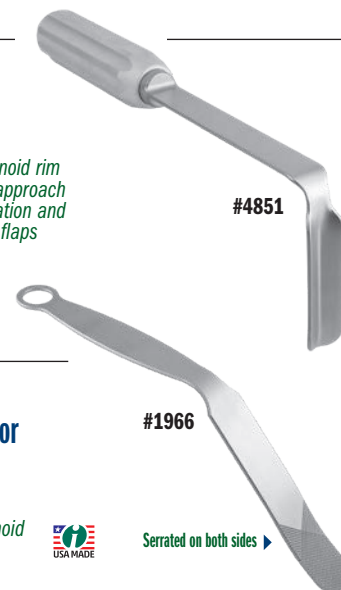
Frame Assembly #4696-FRAME

Adjustable Lock Block #4696-07

McFarland Shoulder V Retractor

Designed by Edward McFarland, MD

Designed to provide deep access to the glenoid rim when performing a subscapularis splitting approach to the shoulder – fluted to enhance visualization and room when placing sutures in the capsular flaps prior to placing three prong retractors



#4851

Modified Darrach-type Bent Elevator

Design modification by R.L. Stowell, MD of an original design by Evan Flatow, MD

Designed for difficult glenoid exposure, the elevator is placed around the posterior glenoid rim, retracting the cut humeral surface



#1966

Serrated on both sides ▶

Wiater Shoulder Slide

Designed by J. Michael Wiater, MD, FAOS, FAOA

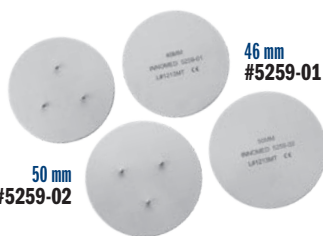
Designed to help avoid damage to the prosthetic bearing surfaces during dislocation and reduction of a shoulder arthroplasty

Also useful for total hip arthroplasty or hip preservation procedures in smaller patients.



#6879

Manufactured of delrin to help eliminate damage to the implant. Can be steam or gas sterilized and is radiolucent.



46 mm #5259-01

50 mm #5259-02

Humeral Protection Plates

Designed by Ronald E. Delanois, MD

Helps protect the proximal humerus from fracture after humeral head osteotomy



Hawkins Shoulder Instruments

Designed by Richard J. Hawkins, MD

Designed to enhance exposure during shoulder arthroplasty procedures



Small Spreader with Articular Arms
#5090

Large Spreader with Articular Arms
#5091

Anterior Capsular Retractor
#5092

Small Pectoralis Retractor
#5093

Extra Small Pectoralis Retractor
#5094

Cobb Elevator
#5095

Humeral Head Retractor
#5096

Anterior Glenoid Retractor
#5097

Deltoid Retractor
#5098

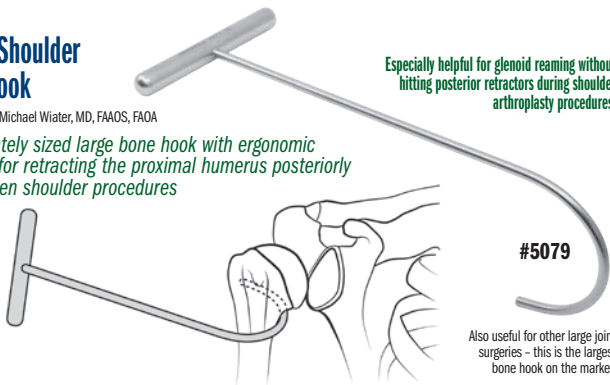
Modified Darrach Retractor
#5099



Wiater Shoulder Bone Hook

Designed by J. Michael Wiater, MD, FAOS, FAOA

Appropriately sized large bone hook with ergonomic T-handle for retracting the proximal humerus posteriorly during open shoulder procedures



Especially helpful for glenoid reaming without hitting posterior retractors during shoulder arthroplasty procedures.

#5079

Also useful for other large joint surgeries - this is the largest bone hook on the market.

Rogozinski Capsule Dilator

Designed by Chaim Rogozinski, MD

A reverse plier mechanism with a pointed tip used to puncture the capsule and to help dilate an arthroscopic portal



New!

#5186

Modified Humeral Head Retractors

Designed to help lever and displace the proximal humerus posteriorly



New!

Deep
#2436

Shallow
#2437

Glenosphere Component Retractor

Designed by Tim Seachris

Designed for use in total and reverse shoulder arthroplasty - the coated prong version helps to protect component surfaces



Coated Prongs
#5841

Uncoated Prongs
#5841-01



Weatherly Mini-Deltoid Retractors

Designed by Wallace Weatherly, MD

Designed for the retraction of the deltoid in a mini-open mid-deltoid splitting approach to rotator cuff surgery, the offset handle helps allow clear visualization of the surgical field, and the ergonomic non-slip handle surface helps prevent fatigue in the operative team



Large
#5110-L

Medium
#5110-M

Small
#5110-S



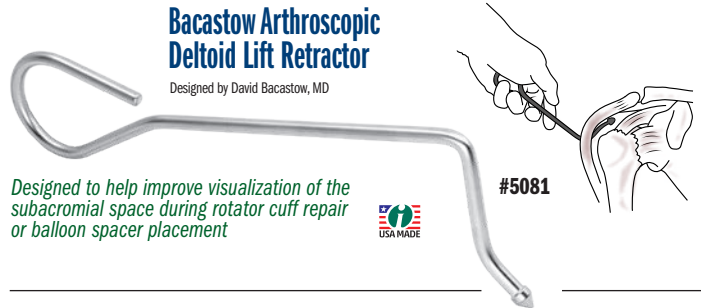
Bacastow Arthroscopic Deltoid Lift Retractor

Designed by David Bacastow, MD

Designed to help improve visualization of the subacromial space during rotator cuff repair or balloon spacer placement



#5081



Modified Mini Hohmann Retractor with Superior Coracoid Modification

Used for small bone and superior coracoid retraction/exposure



8 mm Wide / 17 mm Drop with Superior Coracoid Modification
#1666-02

Superior Coracoid Modification



Mehalik Posterior Glenoid Retractor with Long Handle

Designed in collaboration with Mayo Clinic, modified by John Mehalik, MD.

Designed to help expose the posterior aspect of the glenoid



#1909

OrthoLucent™ Modified Fukuda-type Retractors

Used to retract the humeral shaft posteriorly, helping to expose the entire glenoid surface

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



OrthoLucent™ Wide
#1940-R



OrthoLucent™ Narrow
#1930-R

Modified Fukuda-type Retractors

Designed by Evan Flatow, MD & Louis Bigliani, MD

Used to retract the humeral shaft posteriorly and helping to expose the entire glenoid surface



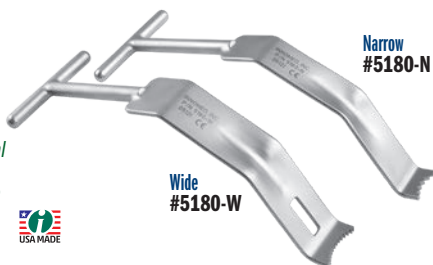
Narrow #1930

Wide #1940

Evans Modified Fukuda-type Retractors

Designed by Peter J. Evans, MD

Designed to retract the humeral shaft posteriorly, helping to expose the glenoid surface, the center groove allows a reamer shaft to fit more posteriorly



Narrow
#5180-N

Wide
#5180-W

Modified Fukuda-type Retractor with Reamer Slot

Designed by Richard J. Miller, MD

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



Narrow #1898

Wide #1899

Modified Winged Fukuda Retractor

Designed by Scot Rheinecker, PA

Designed with flared edges for less pressure on soft tissues



#1896

Long Handled Fukuda Type Retractors

Design modification of an original design by Evan Flatow, MD & Louis Bigliani, MD

Designed to retract the humeral shaft posteriorly, helping to expose the entire glenoid surface, these retractors feature a longer handle for use when added leverage and depth is needed for use in large patients



Narrow with
Long Handle
#1930-H

Wide with
Long Handle
#1940-H

New!

larger
diameter
handle

Levy Anterior Glenoid Retractor

Designed by Jonathan Levy, MD



Small #4536

Medium #4536-01

Large #4536-02

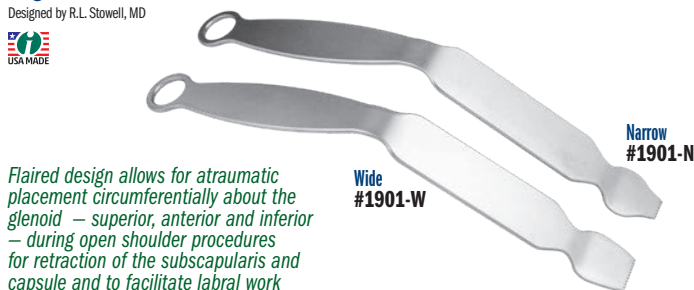


Three sizes available

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

Angled Glenoid Retractor

Designed by R.L. Stowell, MD



Narrow
#1901-N

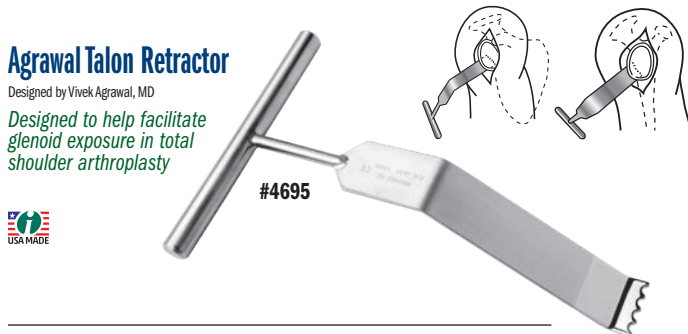
Wide
#1901-W

Flaired design allows for atraumatic placement circumferentially about the glenoid – superior, anterior and inferior – during open shoulder procedures for retraction of the subscapularis and capsule and to facilitate labral work

Agrawal Talon Retractor

Designed by Vivek Agrawal, MD

Designed to help facilitate glenoid exposure in total shoulder arthroplasty



#4695

Angled Glenoid Retractor – Forked

Designed by R.L. Stowell, MD



Narrow
#1902-N

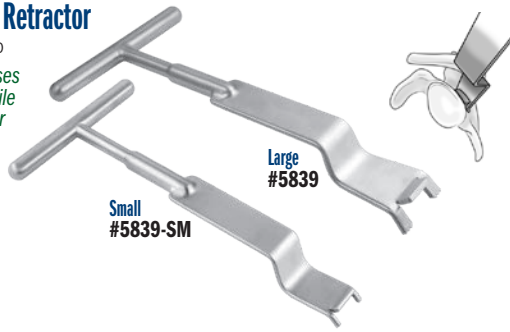
Wide
#1902-W

Designed to help with exposure of the difficult glenoid and facilitation of glenosphere placement for reverse arthroplasty, with wide and narrow versions to accommodate most glenoid variations

Burkhead Glenoid Retractor

Designed by Wayne Burkhead, Jr, MD

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



Burkhead Reversible TSA/RSA Retractor

Designed by Wayne 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



Gunther Glenoid Retractor

Designed by Stephen B. Gunther, MD

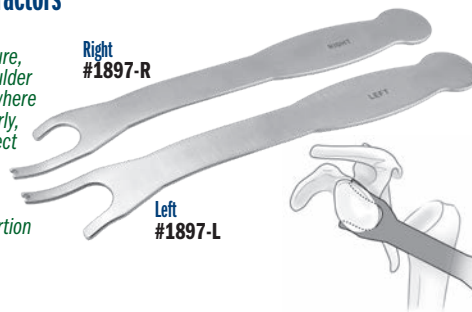
Ergonomic design helps to retract the humeral head posteriorly during glenoid exposure while avoiding reamer contact during shoulder replacement surgery



Bacastow Glenoid Retractors

Designed by David Bacastow, MD

Designed for glenoid exposure, particularly for reverse shoulder replacement applications, where it is important to get inferiorly, allows visualization and direct access to the glenosphere base plate through a deltopectoral incision with intact pectoralis major insertion



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



Dingo Modified Humeral Head Retractor

Designed to help lever and displace the proximal humerus posteriorly

#2438



Glenoid Neck Retractor



#5833



Shoulder Surgery Retractor System

Developed in collaboration with Mayo Clinic.

System #1251-00
Also Available Individually



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

Modified Thin Glenoid Retractor-Narrow
#1252-N

Modified Thin Glenoid Retractor-Wide
#1252-W

Right Angle Hohmann Retractor
#1253

Modified Fukuda Retractor
#1254

Brown Deltoid/Richardson
Retractor-Large
#1255-L

Brown Deltoid/Richardson
Retractor-Small
#1255-S

Modified Darrach
Retractor, Straight-Narrow
#1256

Modified Darrach
Retractor, Straight-Wide
#1257

Modified Darrach
Retractor, Bent-Narrow
#1258

Modified Darrach
Retractor, Bent-Wide
#1259

Soft Tissue Shoulder Retractor
#1260

Glenoid Access Retractor
#1261



Shoulder Instruments

Designed by Evan Flatow, MD & Louis Bigliani, MD

Complete Set **#1900**
Also Available Individually



Thin Glenoid Retractors

Used for retraction of the anterior and posterior aspects of the anterior and posterior glenoid rim

Narrow **#1910**

Wide **#1920**



Modified Fukuda-type Retractors

Used to retract the humeral shaft posteriorly and helping to expose the entire glenoid surface



Narrow **#1930**

Wide **#1940**

Modified Darrach-type Elevators

Used for soft tissue retraction and exposure, may 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 subscapularis removal, and may also be used to retract the humeral shaft posteriorly to help expose the glenoid



3/8" | 10 mm
#1950

1/2" | 12 mm
#1955

3/4" | 19 mm
#1960

1" | 25 mm
#1965

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

#1970



Bicep Elevator

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

#1975



Posterior Glenoid Elevators

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, while the curve in the elevator contours to the humeral shaft for posterior retraction



3/8" | 10 mm
#1980

1/2" | 12 mm
#1985

3/4" | 19 mm
#1990

Large Deltoid Retractor

Designed for lateral retraction of the deltoid during arthroplasty or open shoulder procedures, the large size with deeper and wider ends of different depths is helpful for large and muscular patients



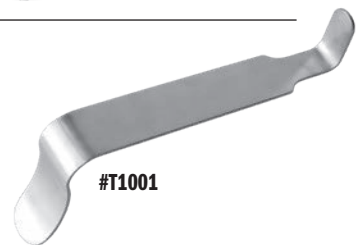
#1671

New!



Deltoid Retractor

Fits easily under the acromion, deltoid and over the humeral head — used in most open procedures



#T1001

Posterior Glenoid Neck Retractor

Designed to allow one finger retraction and used during osteotomy of the humeral head and approaches to the glenoid, the contours to allow teeth to fit behind the glenoid, retracting tissue for easy access to the glenoid



#T1002

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, while the curved handle allows the assistant to use minimal pressure to achieve exposure



#T1003

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 surgeon's view



#T1004

Humeral Head Retractor

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



#T1007

Capsule Retractors

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



3 Prongs **#T1008-01**

2 Prongs **#T1008**

1 Prong **#T1009**

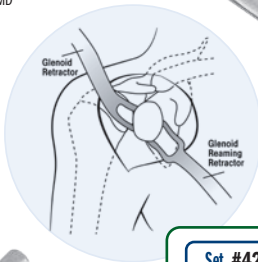


Rogozinski Glenoid Retractor

Designed by Chaim Rogozinski, MD



Designed with an ergonomic profile to help reduce retraction fatigue and place the assistant's hand out of surgical view, while the undersurface helps stabilize the humeral head to allow excellent visualization of the glenoid



#4271

Set #4277-00
Also Available Individually



Set includes one Rogozinski Glenoid Retractor and one Rogozinski Glenoid Reaming Retractor



New!

Rogozinski Glenoid Reaming Retractor

Designed by Chaim Rogozinski, MD

Designed to help expose the glenoid for reaming during total shoulder arthroplasty



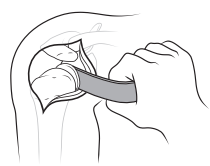
Can also be used to help expose the femoral head during total hip arthroplasty.

#4277-01

McFarland Malleable Shoulder Retractors

Designed by Edward McFarland, MD

Designed to enhance exposure in shoulder procedures



Narrow Deep

Narrow Shallow

Wide

Narrow Deep #4537-01

Narrow Shallow #4537-02

Wide #4537-03



Set of Three #4537-00
Also Available Individually



Chandler Retractors

Used for retracting tissue away from the bone, and helpful for posterior exposure of the tibia in MIS surgery

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



*

MADE EXCLUSIVELY FOR INNOVATION IN SWITZERLAND

5/8" | 15,9 mm #3220-01

3/4" | 19 mm #3220-02

1" | 25,5 mm #3220-04



OrthoLucent™ 3/4" | 15,9 mm #3220-02R*

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

#3222



Horseshoe Shoulder Frame and Blade Assembly

Complete Set #2030-00

Also Available Individually



Designed to enhance exposure during shoulder arthroplasty procedures

Set includes (1) Frame, (1) of Each Blade Style

Horseshoe Frame
#2030-01

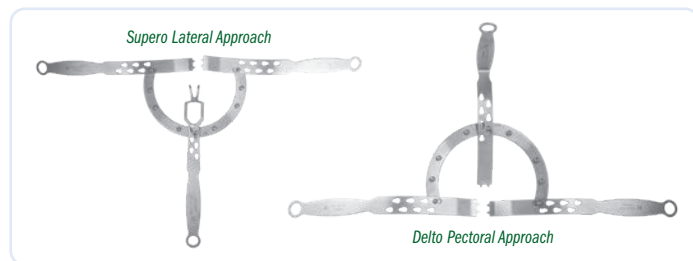
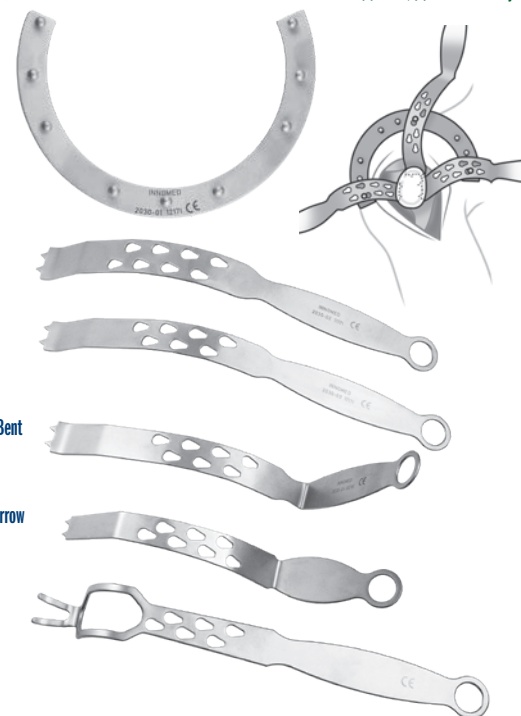
Horseshoe Blade - Wide
#2030-02

Horseshoe Blade - Narrow
#2030-03

Horseshoe Blade - Narrow, Bent
#2030-04

Horseshoe Blade - Small Narrow
#2030-05

Horseshoe Blade - Inferior
#2030-06



Evans Reverse Hohmann Retractor

Designed by Peter J. Evans, MD

Smaller size useful for retracting the deltoid superiorly or laterally, and also protecting the axillary nerve inferiorly while simultaneously exposing the glenoid



#4547



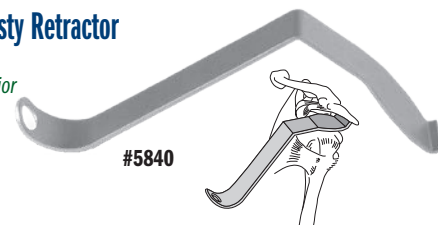
Kirschenbaum Acromioplasty Retractor

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



#5840

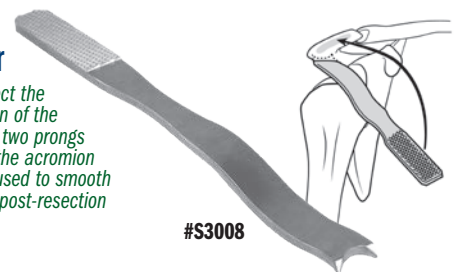


Acromioplasty Retractor

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, and the file is used to smooth rough edges of the acromion post-resection



#S3008



Latarjet Retractor

Designed by Joey A. LaMartina, II, MD

An anterior retractor for Latarjet procedures that is placed medial to the bone block to retract the subscapularis and help retract the scapula



#5256

Meyer Latarjet Drill Guide & Forceps Assembly

Designed by Professor Dominik Meyer

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



Forceps-Small #5257-01



Drill Guide-Small #5257-02



Forceps-Large #5258-01



Drill Guide-Large #5258-02

Small Set with Case #5257-00
Also Available Individually

Set includes (1) Forceps-Small (5257-01), (1) Drill Guide-Small (5257-02), and a Sterilization Case (1025).

Large Set with Case #5258-00
Also Available Individually

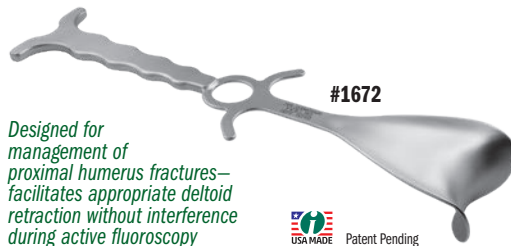
Set includes (1) Forceps-Large (5258-01), (1) Drill Guide-Large (5258-02), and a Sterilization Case (1025).

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



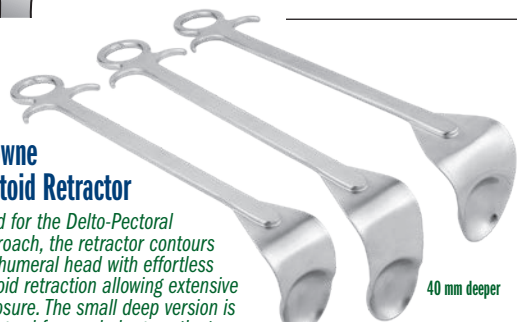
#1672



Patent Pending

Browne Deltoid Retractor

Used for the Delto-Pectoral approach, the retractor contours the humeral head with effortless deltoid retraction allowing extensive exposure. The small deep version is designed for use in large patients.



Large #1670-02

40 mm deeper

Small #1670-01

Small Deep #1670-01D



Kaminsky OrthoLucent™ Browne-type Deltoid Retractors

Designed by Sean B. Kaminsky, MD

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

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



Completely radiolucent



Small #1670-01R

Large #1670-02R

Durham Offset Kolbel Shoulder Retractor Set

Designed by Alfred Durham, MD

Designed for retraction of the deltoid and under the short head of the biceps muscle to expose the shoulder, the longer offset blades are useful in patients with large muscles, and the shorter offset blades are useful in smaller elderly patients



36 x 36 mm Blades
35 mm Offset
#T1030-L*

36 x 36 mm Blades
10 mm Offset
#T1030-S*

* (2) included in set, (1) only with this product number



Retractor Handle
#T1030-01

Set #T1030
Also Available Individually

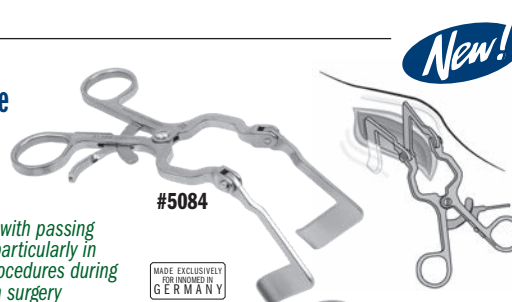


Set comes with retractor handle (T1030-01) and 1 pair each of the Long Offset Blades (T1030-L) and the Short Offset Blades (T1030-S).

Badger Soft Tissue Retractor with Articulating Arms

Designed by Gregory Colbath, MD

Allows for assistance with passing and securing grafts, particularly in shoulder and knee procedures during arthroscopy and open surgery



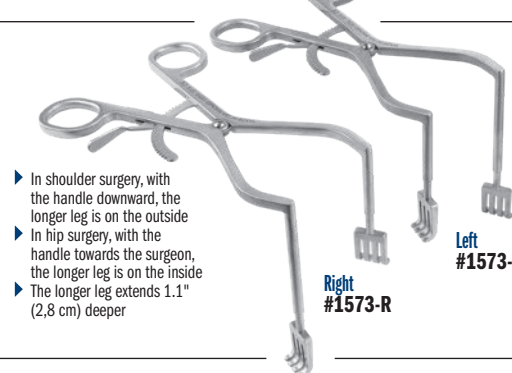
#5084



Durham Offset Zelpi Retractor

Designed by Alfred Durham, MD

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



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

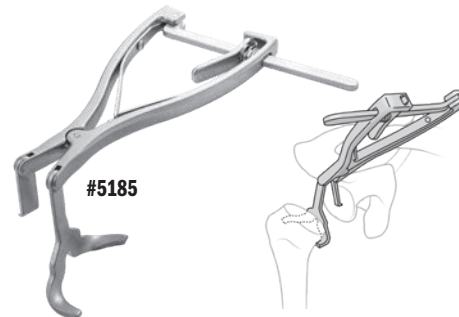
Right #1573-R

Left #1573-L

Bacastow Shoulder Capsular Retractor

Designed by David Bacastow, MD

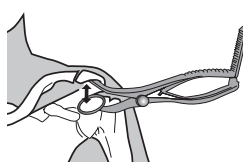
Designed to help place tension on the inferior capsule for improved visualization and dissection when performing anatomic or reverse shoulder replacement



#5185

Gerber Sub-Acromion Spreaders

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



Standard Left #1640-02
Modified Left #1641-02

Standard Right #1640-01
Modified Right #1641-01



Kolbel Self-Retaining Glenoid Retractors

Modified Kolbel Self-Retaining Glenoid Retractor with Hinge

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

Set with Standard Handle **#T1014-01**
Set with Ergonomic Handle **#T1014-01-2F**
Also Available Individually

Sets include (1) Retractor, (1) Pair of 36 x 36 mm Blades (T1018-P), and (1) Pair of 36 x 53 mm Blades (T1019-P)



Ergonomic
Handle Retractor
#T1015-01-2F



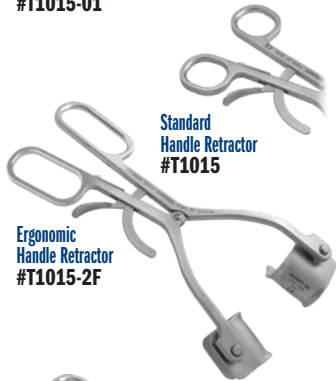
Standard
Handle Retractor
#T1015-01

Kolbel Self-Retaining Glenoid Retractor

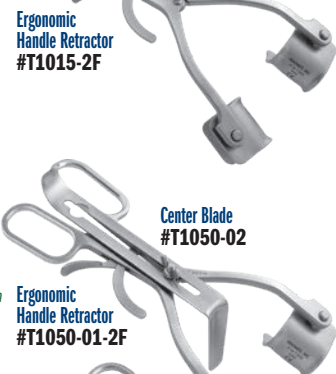
Two pairs of snap-in, freely pivoting blades included.

Set with Standard Handle **#T1014**
Set with Ergonomic Handle **#T1014-2F**
Also Available Individually

Sets include (1) Retractor, (1) Pair of 36 x 36 mm Blades (T1018-P), and (1) Pair of 36 x 53 mm Blades (T1019-P)



Standard
Handle Retractor
#T1015



Ergonomic
Handle Retractor
#T1015-2F

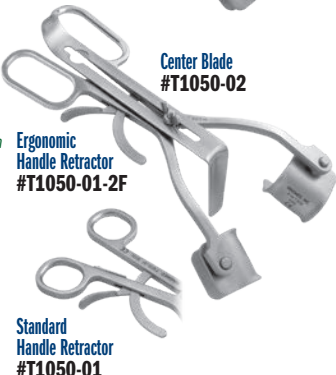
Kolbel Self-Retaining Glenoid Retractor with Center Blade

Center blade can be reversed for shallow or deep retraction

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

Set with Standard Handle **#T1050**
Set with Ergonomic Handle **#T1050-2F**
Also Available Individually

Sets include (1) Retractor, (1) Pair of 36 x 36 mm Blades (T1018-P), (1) Pair of 36 x 53 mm Blades (T1019-P), and (1) Center Blade (T1050-02)



Center Blade
#T1050-02



Ergonomic
Handle Retractor
#T1050-01-2F

Standard
Handle Retractor
#T1050-01

Kolbel Self-Retaining Retractor

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

Set **#T1016**
Also Available Individually

Set includes (1) Retractor, (1) Pair of 36 x 36 mm Blades (T1018-P), and (1) Pair of 36 x 53 mm Blades (T1019-P)



Retractor
#T1017

Kolbel Self-Retaining Glenoid Retractor with Hinge and Ergonomic Handle

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

Set **#T1016-01**
Also Available Individually

Set includes (1) Retractor, (1) Pair of 36 x 36 mm Blades (T1018-P), and (1) Pair of 36 x 53 mm Blades (T1019-P)



Retractor
#T1016-01-2F

Designed with longer articulating arms—helpful for use with larger patients

Kolbel Self-Retaining Retractor Blade Pairs



36mm Blades Pair
#T1018-P

53mm Blades Pair
#T1019-P

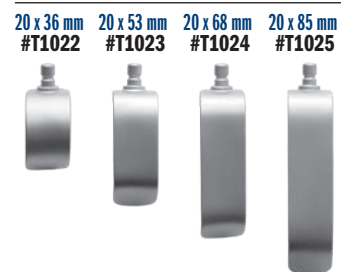
Kolbel Self-Retaining Retractor Blades



Wide Blades



Narrow Blades



36 x 53 mm
#T1019-R*

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

Knurled Kolbel Self-Retaining Retractor Blades

Designed with a knurled underside to help prevent the blades from slipping

Knurled Wide Blades

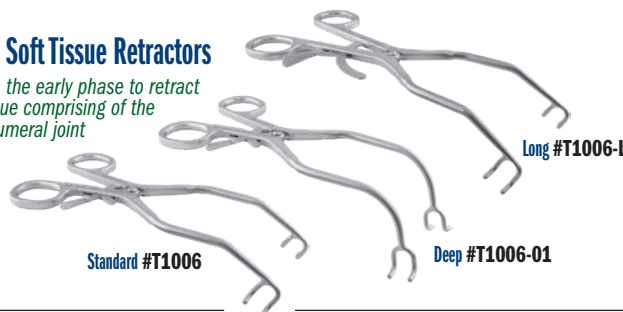


Knurled Narrow Blades



Kolbel Soft Tissue Retractors

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



Standard **#T1006**

Deep **#T1006-01**

Havens Modified Kolbel Soft Tissue Retractor

Designed by Phillip Havens, MD

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



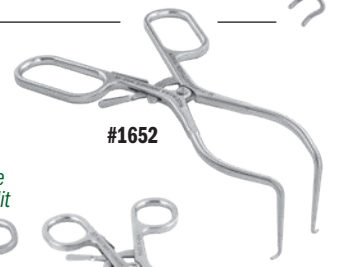
#T1006-02

Right Angled Subscapular Spreader – Blunt Tips

Designed by Edward McFarland, MD



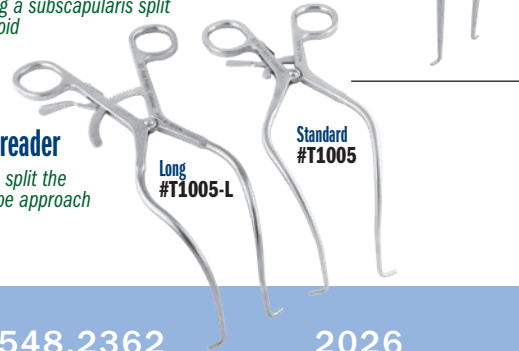
Designed to hold the subscapularis muscle open when performing a subscapularis split approach to the glenoid



#1652

Subscapularis Spreader

Reaches deep to help split the subscapularis in a Jobe approach



Long
#T1005-L

Standard
#T1005



Seachris Right Angle Rongeur with Curved Bite

Designed by Tim Seachris

Designed for cartilage removal on the femur, tibia, and patella

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



#1804



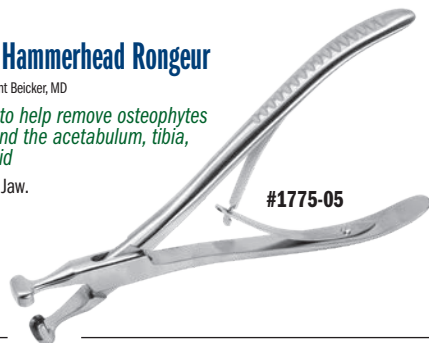
Becker Hammerhead Rongeur

Designed by Clint Becker, MD

Designed to help remove osteophytes from around the acetabulum, tibia, and glenoid

15 x 7 mm Jaw.

MADE EXCLUSIVELY FOR INNOVATION IN GERMANY



#1775-05

Coated Insert for Reverse Shoulder Glenosphere Components

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

USA MADE



#5071

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

Burkhead Glenoid Inserter

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

Designed to help insert a glenoid component

USA MADE



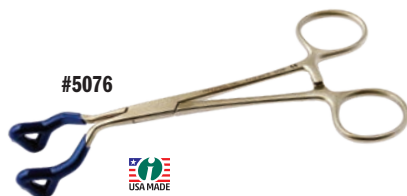
#4689

Glenoid Inserter

Designed by Chase Kuhn & J. Kevin Rudder, MD

Designed for final implantation of the glenoid prosthesis into the body, the grasping ends are coated to help protect from scratching the component surfaces

#5076



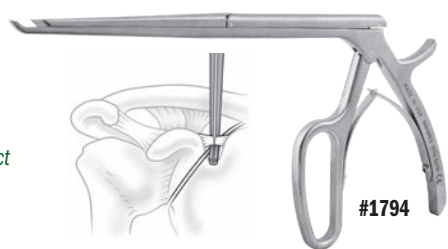
USA MADE

Suprascapular Ligament Cutter

Designed by Michael Craig, OPA-C

Designed to cut the transverse ligament while helping to protect the suprascapular nerve

USA MADE



#1794



#5172

Lipof Glenoid Cartilage Curette

Designed by Jason Lipof, MD

Designed to help uniformly remove cartilage from the glenoid surface

USA MADE

Bacastow Axillary Nerve Retractor with Suction

Designed by David Bacastow, MD

Designed with a curved tip to slip all the way under the capsule during shoulder surgery, helping to protect the axillary nerve, while also providing suction of smoke away from the surgical site

Made of autoclavable Radel material, the unit is non-conductive of current and resists the high temperatures associated with the use of electrocautery.

USA MADE



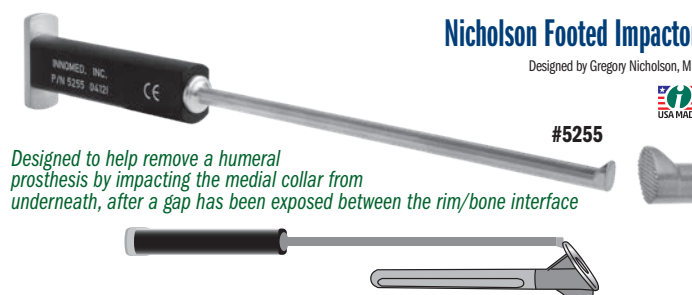
#8739



Nicholson Footed Impactor

Designed by Gregory Nicholson, MD

USA MADE



#5255

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

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, and can be used to open up distal cement mantle or pedestal during revisions

USA MADE



#8627

Chandran Distal Biceps Tissue Protector

Designed by Rama E. Chandran, MD

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

Using downward pressure, the teeth help to engage bone to keep the protector in place. Also useful to help expose the humerus during proximal subscapular biceps repair.

USA MADE



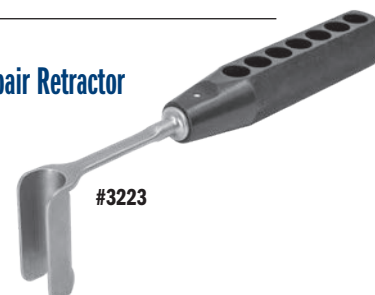
#3224

Vaughan Distal Bicep Tendon Repair Retractor

Designed by Roderick A. Vaughan, MD

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

USA MADE



#3223

Lateral Condyle Fracture Set

Designed by Carl R. Weinert, MD

Designed for adult and pediatric lateral condyle fractures, the asymmetric clamps are shaped to secure the lateral condyle fragment, with the straight tip placed in the coronoid fossa and the curved tip used to grasp and compress the lateral condyle fragment, while the symmetric reduction clamp is useful to compress T-condylar fractures, and in many other fracture reduction applications

Complete Set with Case #4697-00
Also Available Individually

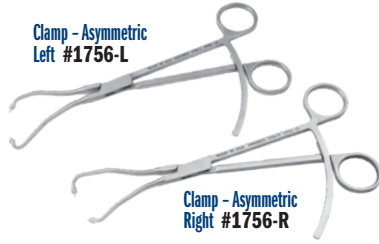


Elbow Retractor
#4697



Clamp - Symmetric
#1755

Clamp - Asymmetric
Left #1756-L



Clamp - Asymmetric
Right #1756-R

Sterilization
Case Only #1015



Retractor Only
#5834-02

Blade Each
#5834-01

Beard Distal Bicep Retractor

Designed by David Beard, MD

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

Set #5834-00
Also Available Individually



Set Includes Retractor and (2) Blades

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 prolong sharpness.



#3431

Nicholson Small Bone and Shoulder Cement Removal Gouges

Designed by Gregory Nicholson, MD

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



Complete Set with Case #5251-00
Also Available Individually



Extra Small 5 mm Gouge #5251-05

Small 7 mm Gouge #5251-07

Medium 9 mm Gouge #5251-09

Large 11 mm Gouge #5251-11

Small 7 mm Gouge
with Splitter #5252-07

Medium 9 mm Gouge
with Splitter #5252-09

Large 11 mm Gouge
with Splitter #5252-11

Backhook #5254

Footed Impactor #5255

Fracture Reduction Clamp Double Curve with Speedlock

New!

#1755-01

Designed with a speedlock clamp and shouldered tips to reduce bone fractures

MADE EXCLUSIVELY
FOR INNOMED IN
GERMANY



#1767

Angled Capsule and
Soft Tissue Clamp

MADE EXCLUSIVELY
FOR INNOMED IN
GERMANY

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

MADE EXCLUSIVELY
FOR INNOMED IN
GERMANY



Left
#1801-L

Right
#1801-R



Gap Clamp for Cortical Button Distal Bicep Repair

Designed by Corey Trease, MD

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



#5262

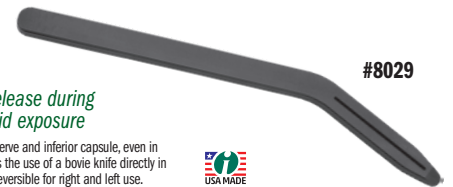
MADE EXCLUSIVELY
FOR INNOMED IN
GERMANY

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.



#8029

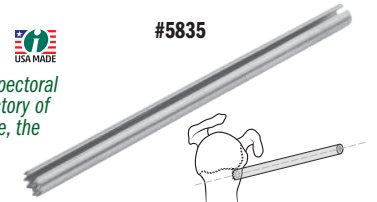
Argintar Bicep Tenodesis Sleeve

Designed by Evan Argintar, MD

Designed to help facilitate mini-open sub-pectoral bicep tenodesis—by maintaining the trajectory of the drill with the serrated end of the sleeve, the drilled humeral holes are easily found with standard percutaneous placement of the bicortical button



#5835



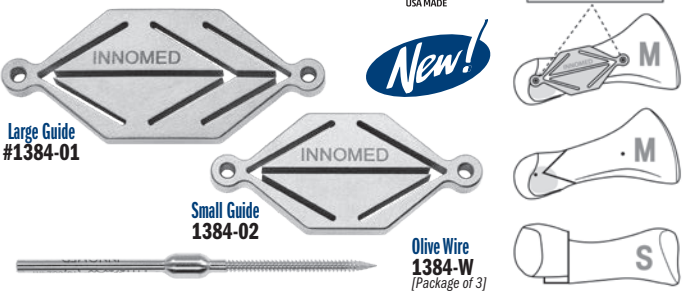
O'Brien Scarf-Chevron Osteotomy Guides and Olive Wire Set

Designed by Todd O'Brien, DPM

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

Set #1384-00
Also Available Individually

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



Zell Fixed Angle Wire Guide

Designed by Richard Zell, MD

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

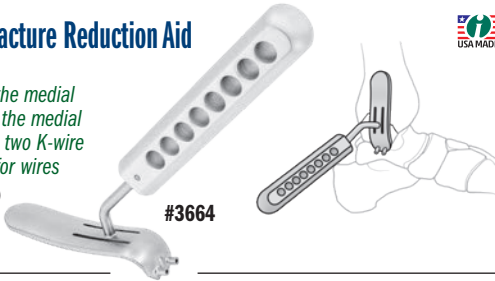


Medial Malleolus Fracture Reduction Aid

Designed by Christopher Blair, DO

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

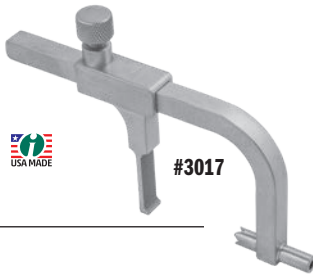
For K-wires up to: 1.6 mm (.062")



Mogul K-Wire/Pin Insertion Guide

Designed by Stuart J. Mogul, DPM, FACFAS

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



Sutter Ligament Release Guide Set

Designed by Dr. med. Damian Sutter

Designed for sonographically guided A1 annular ligament release, the guide is used with the included 2.3 mm hook knife, and the release is carried out via a small incision while the operation is carried out quasi percutaneously using sonographic control

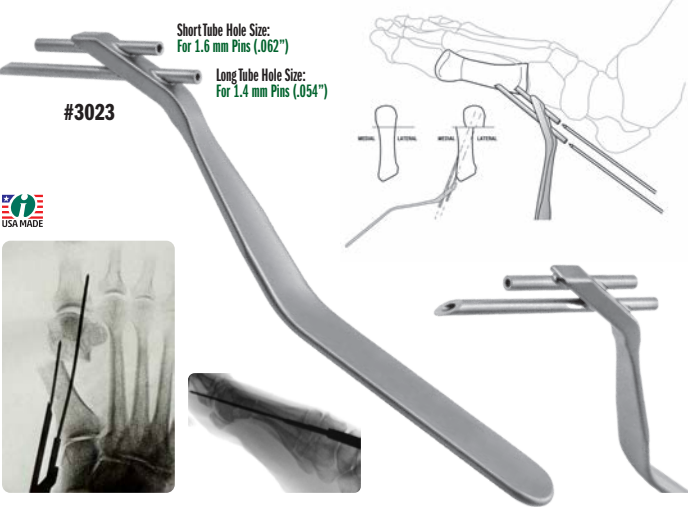


Lee MIS Bunion Parallel Guide

Designed by Wonyong Lee, MD

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

New!



DeOrio Calcaneal Z-Osteotomy Guide

Designed by James K. DeOrio, MD

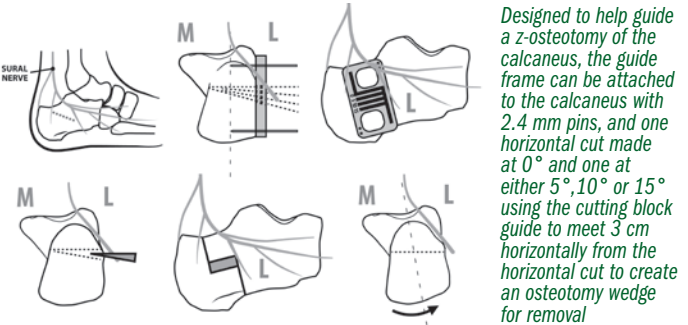


New!

#1377



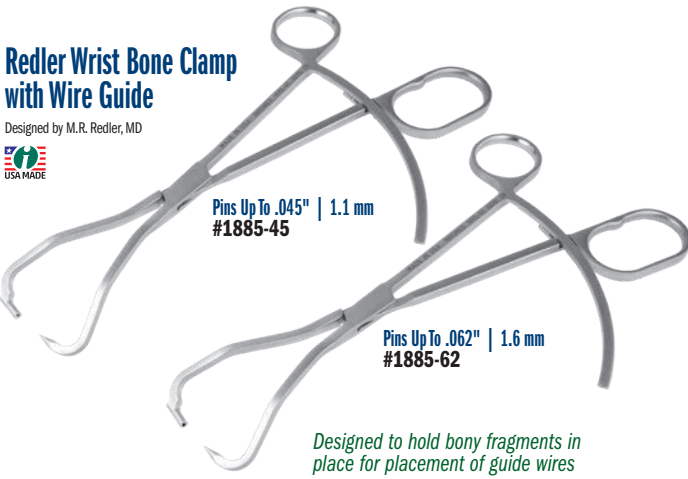
Designed for use with a 50.0 mm X 9.0 mm X 0.61 mm saw.



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

Redler Wrist Bone Clamp with Wire Guide

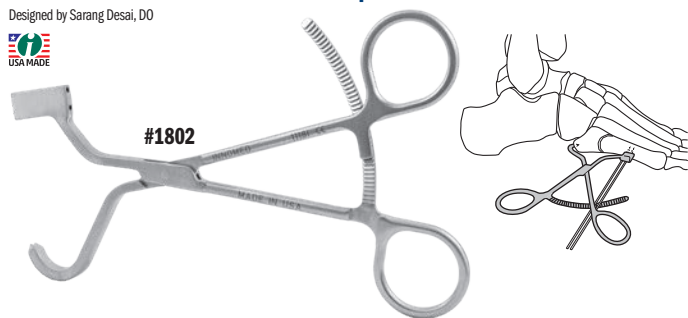
Designed by M.R. Redler, MD



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

Desai Jones Fracture Reduction Clamp

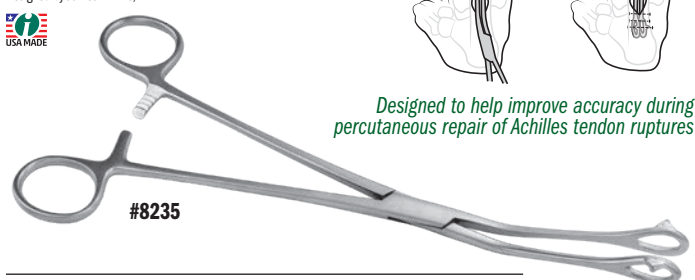
Designed by Sarang Desai, DO



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

Percutaneous Achilles Repair Forceps for Limited Open Achilles Tendon Repair

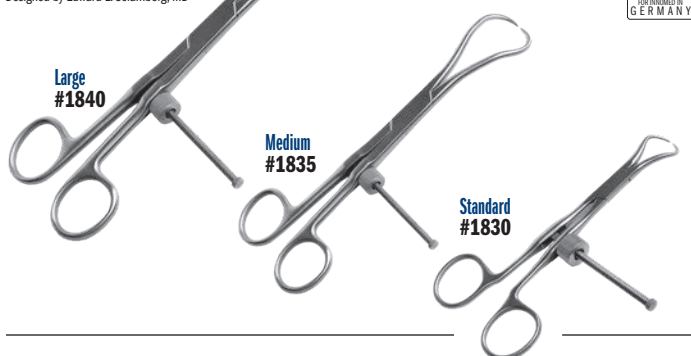
Designed by James A. Amis, MD



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

Medial Malleolar/Bone Fragment Clamps

Designed by Edward L. Sclamborg, MD



Quick tightening & release
low profile clamp with
unlimited settings

MADE EXCLUSIVELY
FOR ORDERED IN
GERMANY

Calvo Medial Malleolus Fracture Clamp

Designed by Ignacio J. Calvo, MD



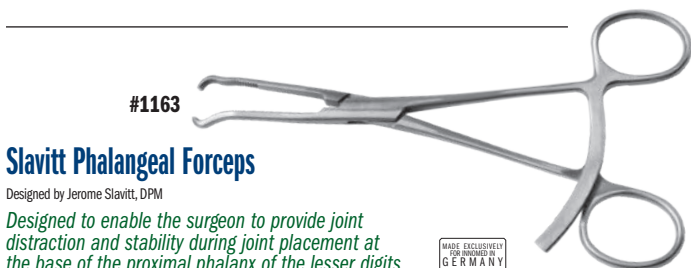
Designed to reduce and hold a displaced medial malleolus fracture

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

MADE EXCLUSIVELY
FOR ORDERED IN
GERMANY



Stanton Articulating Small Bone Clamps

Designed by John L. Stanton, MD

Opposing clamps facilitate manipulation of fracture ends, while the small tube allows use of a towel clamp to compress non-union and shortening osteotomies during fixation, as well as to allow the use of Gelpi retractors to distract malunions during revision surgery



Set #1811-00
Also Available Individually



Right #1811-R

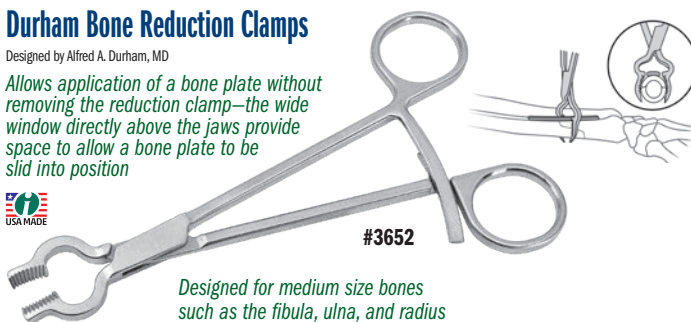
Left #1811-L



Durham Bone Reduction Clamps

Designed by Alfred A. Durham, MD

Allows application of a bone plate without removing the reduction clamp—the wide window directly above the jaws provide space to allow a bone plate to be slid into position

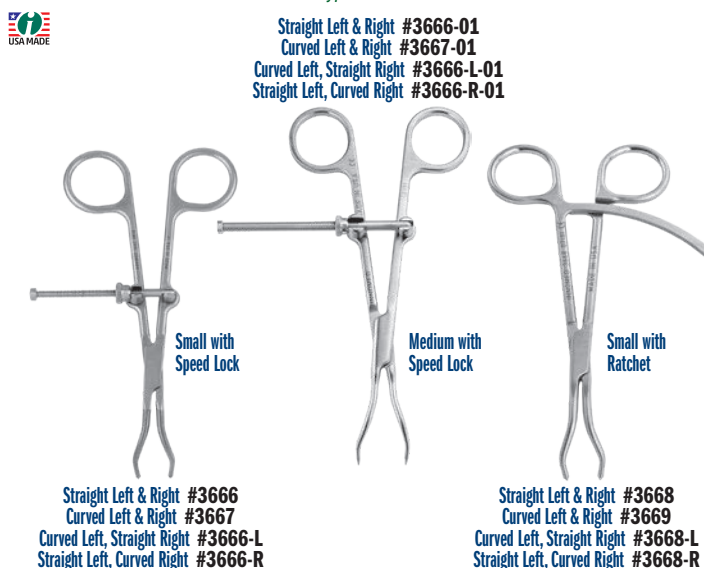


Designed for medium size bones
such as the fibula, ulna, and radius

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 #3666-01

Curved Left & Right #3667-01

Curved Left, Straight Right #3666-L-01

Straight Left, Curved Right #3666-R-01

Straight Left & Right #3666

Curved Left & Right #3667

Curved Left, Straight Right #3666-L

Straight Left, Curved Right #3666-R

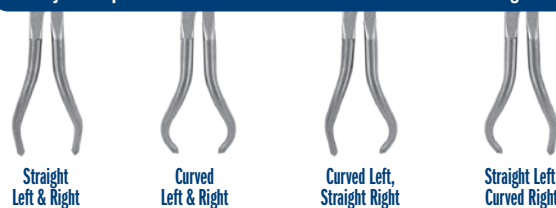
Straight Left & Right #3668

Curved Left & Right #3669

Curved Left, Straight Right #3668-L

Straight Left, Curved Right #3668-R

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



Straight
Left & Right

Curved
Left & Right

Curved Left,
Straight Right

Straight Left,
Curved Right



OrthoLucent™ Finger/Hand Reduction Pincers

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

Radiolucent pincers to stabilize hand/finger fractures during x-ray or pin insertion



#1383

Faillace Extra Small Bone Clamp

Designed by John J. Faillace, MD, FFAOS

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

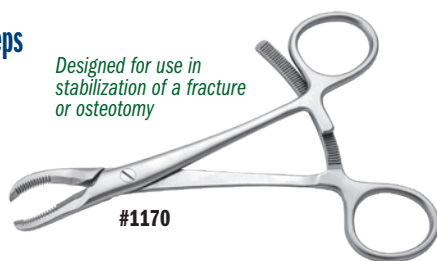


#1171

Small Bone Holding Forceps with Long Ratchet



Designed for use in stabilization of a fracture or osteotomy



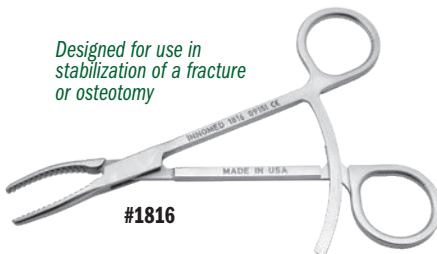
#1170

O'Brien Bone Clamp

Designed by Todd O'Brien, DPM



Designed for use in stabilization of a fracture or osteotomy



#1816

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.



#1815-R

Lewin Small Bone Clamp



#4685

Rudisill Locking Small Bone Reduction Forcep

Designed by Ed Rudisill, MD



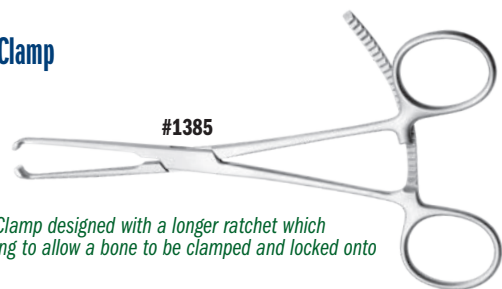
#2017



For reduction of hand phalanx and metacarpal fractures

Resnick Allis Bone Clamp

Designed by Charles T. Resnick MD



#1385

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

Coated Allis Bone Clamps

Modification of design by Charles T. Resnick MD



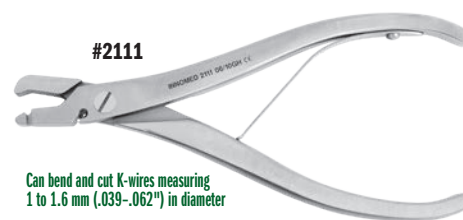
One Coated End #1381

Two Coated Ends #1382

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

K-Wire Bender/Cutter

Designed to bend a K-wire while extending from bone without applying mechanical strain, the K-wire only needs to extend 20 mm from the skin surface to be bent



#2111

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

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



#3033

Stanton Bent Pin Removal Pliers

Designed by John Stanton, MD



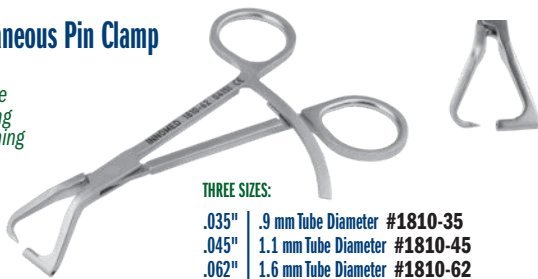
#1894

Redler Percutaneous Pin Clamp

Designed by M.R. Redler, MD

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



THREE SIZES:

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

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



For K-wires up to .045" (1.1 mm).

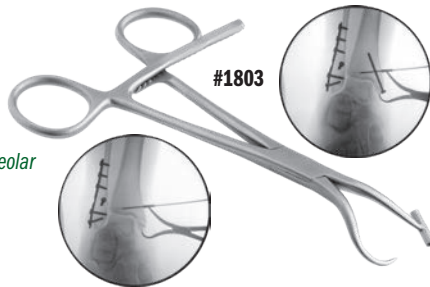
Teurlings Medial Malleolar Clamp w/Wire Guide

Designed by Luc Teurlings, MD

Helps to stabilize the medial malleolar fragment during internal fixation

For K-wires up to .062" (1.6 mm).

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Chang Pin Clamp

Designed by Win Chang, MD

Designed to allow accurate insertion of pins for internal fixation

For K-wires up to .062" (1.6 mm).

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Ditmars Carpal Tunnel Release Set

Designed by Donald M. Ditmars Jr., MD

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

Set with Case #1132-00
Also Available Individually

USA MADE

Large Curved Release Retractor
#1132-01
Retractor for carpal tunnel release operations
7.5 mm inside tube diameter

Small Curved Release Retractor
#1132-02
Small retractor for initial use in carpal tunnel release operations
4 mm inside tube diameter

Straight Carpal Tunnel Probe
#1132-03

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

Carpal Tunnel Release Guide and Blade Set

Guide designed by Peter J. Evans, MD, PhD

Set #1124-00
Also Available Individually

USA MADE

Set Includes One Guide and One Blade

Guide designed to help protect the median nerve while providing a track that allows for the smooth advance of the blade to divide the transverse carpal ligament during a mini-open, non-endoscopic approach



Evans Carpal Tunnel Guide #1128

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 beaver-style blade to divide and release the transverse carpal ligament



#1150

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

USA MADE

Evans Universal Carpal Tunnel Knife Guide

Designed by Peter J. Evans, MD, PhD

Designed to protect the median nerve while providing a choice of grooved tracks for a retrograde knife or for tenotomy scissors



#1128

USA MADE

Corkscrew Small Bone Manipulator

Designed by Raymond Wurapa, MD

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

USA MADE



#1615

Shown with optional manual handle attached. Handle not included.

Universal Handle
#S0113

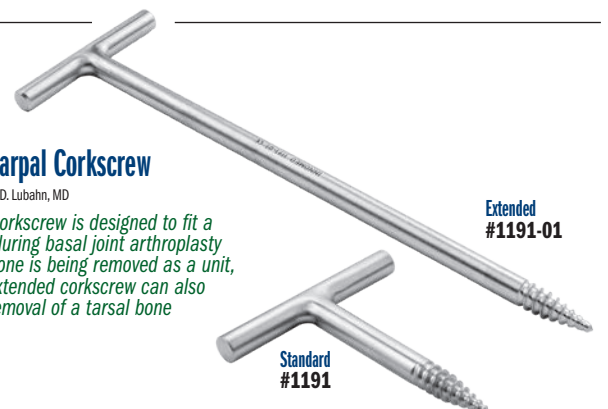
(Sold Separately)

Lubahn Carpal Corkscrew

Designed by John D. Lubahn, MD

The small corkscrew is designed to fit a trapezium during basal joint arthroplasty when the bone is being removed as a unit, while the extended corkscrew can also help with removal of a tarsal bone

USA MADE



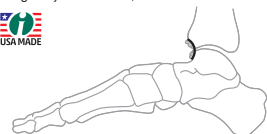
Standard
#1191

Extended
#1191-01



Anderson Talar Neck Osteotomes

Designed by John Anderson, MD



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



9.5 mm
#5075-75

12.7 mm
#5075-50

17 mm
#5075

Mazzara Rongeur for Small Bones

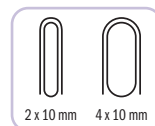
Designed by James T. Mazzara, MD

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



2 x 10 mm Jaw Bite
#1765-04

4 x 10 mm Jaw Bite
#1765-05



Yezerki Small Bone Rongeurs

Designed by John Yezerki, MD



Small
#1789

Extra Small
#1789-01

Designed for small bone applications in the hand and foot

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

Ortho Mini Gouges

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

5 mm Gouge Shown



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

Ortho Mini Chisels

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

5 mm Offset Chisel Shown



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

4 mm Straight Chisel Shown



Macko Square Tipped Rongeur

Designed by Victor W. Macko, MD

Unique square tipped rongeur features an ergonomic grip, double action mechanism, long reach, and low profile for use in Total Ankle Arthroplasty

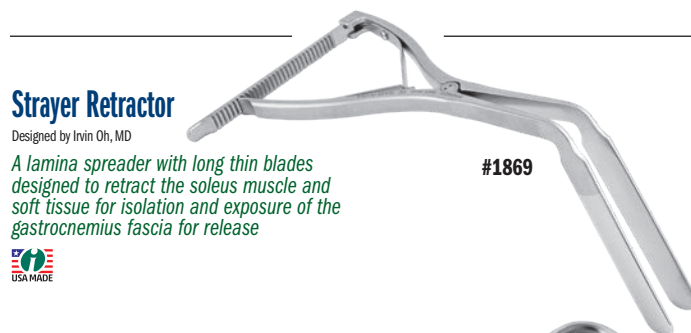


7 x 18 mm Jaw Bite #1778-02

Strayer Retractor

Designed by Irvin Oh, MD

A lamina spreader with long thin blades designed to retract the soleus muscle and soft tissue for isolation and exposure of the gastrocnemius fascia for release

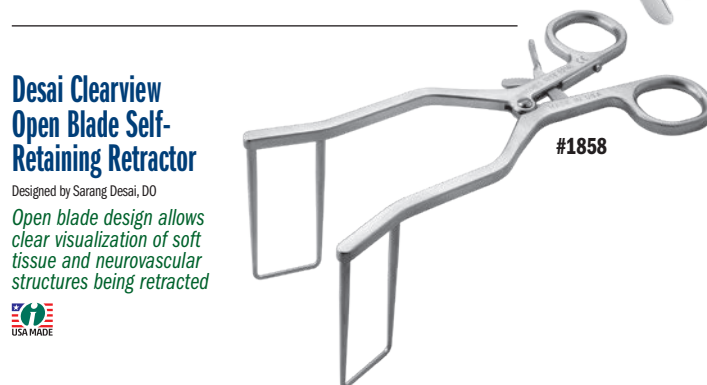


#1869

Desai Clearview Open Blade Self-Retaining Retractor

Designed by Sarang Desai, DO

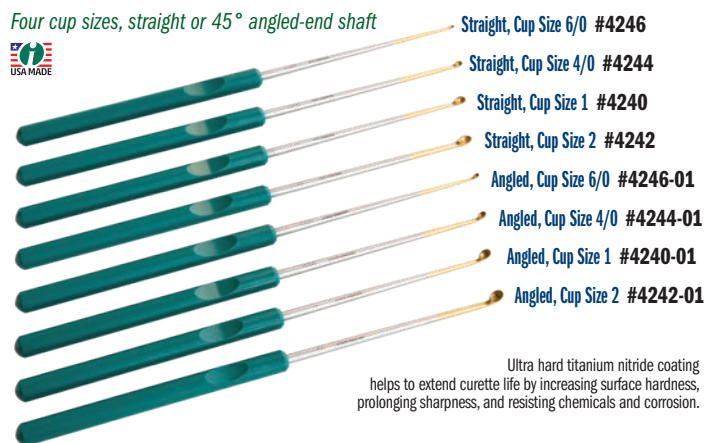
Open blade design allows clear visualization of soft tissue and neurovascular structures being retracted



#1858

Micro Curettes

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



Straight, Cup Size 6/0 #4246

Straight, Cup Size 4/0 #4244

Straight, Cup Size 1 #4240

Straight, Cup Size 2 #4242

Angled, Cup Size 6/0 #4246-01

Angled, Cup Size 4/0 #4244-01

Angled, Cup Size 1 #4240-01

Angled, Cup Size 2 #4242-01

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

Weinraub Joint and Calcaneal Spreader

Designed by Glenn M. Weinraub DPM, FACFAS

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

MADE EXCLUSIVELY
FOR INSTRUMENTS IN
GERMANY

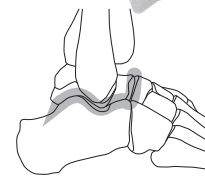


Ortho Spreader with Slotted Tips and Measuring Scale

Designed by Jason Bariteau, MD

USA MADE

#1841



See page 2 for Accuracy Statement
for devices with a measuring function.

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



Calcaneal Spreader

Designed by Michael Forness, DO

Smooth Pads #1880

MADE EXCLUSIVELY
FOR INSTRUMENTS IN
GERMANY



Grooved Pads #1881

Separates the
calcaneal osteotomized
bone for placement of
tricortical bone graft

Ortho Self-Retaining Retractor with Pin Guides

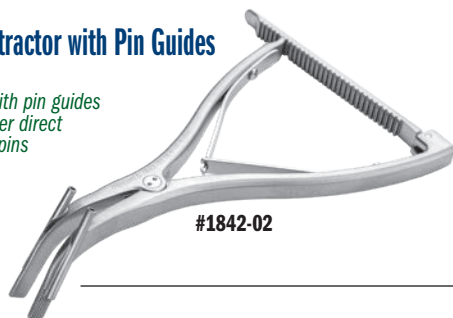
Designed by Sean Dunn, DPM

Designed for small joint use with pin guides
that are set back to allow either direct
distraction or distraction with pins

For pins up to 2 mm.

USA MADE

#1842-02



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

#1829

USA MADE

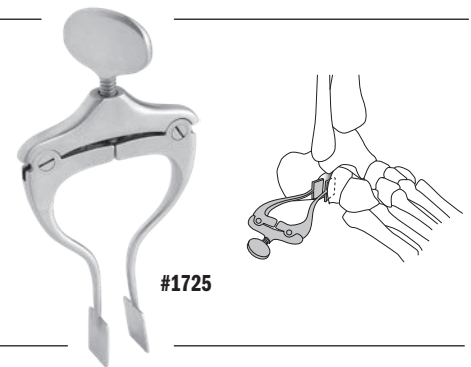
Calcaneal Lateral Column Spreader

Designed by K. Wagner, MD

Used for lateral column
lengthening of the calcaneus

MADE EXCLUSIVELY
FOR INSTRUMENTS IN
GERMANY

#1725



Monaco Small Space Retractor

Designed modified by Spencer Monaco, DPM, FACFAS

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

MADE EXCLUSIVELY
FOR INSTRUMENTS IN
GERMANY

#1887-01



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

Hendren Neuroma Retractor

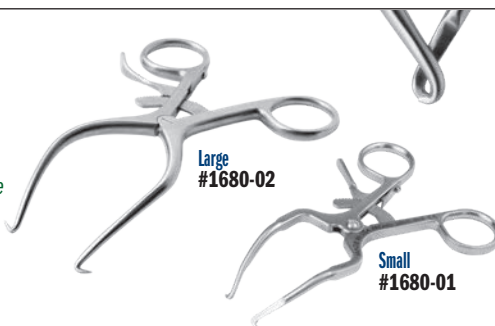
Designed by Douglas H. Hendren, MD

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

MADE EXCLUSIVELY
FOR INSTRUMENTS IN
GERMANY

Large
#1680-02

Small
#1680-01



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

USA MADE

Double
#1888



Single
#1889

Wilson Trigger Finger Retractor

Designed by Ralph V. Wilson, MD

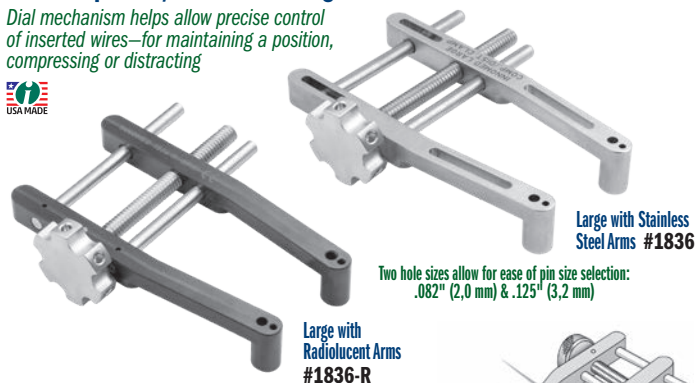
MADE EXCLUSIVELY
FOR INSTRUMENTS IN
GERMANY

#1884



HFD Compressor/Distractor - Large

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

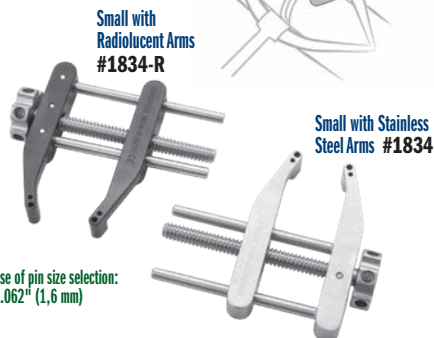


Two hole sizes allow for ease of pin size selection:
.082" (2.0 mm) & .125" (3.2 mm)

Large with Radiolucent Arms
#1836-R

HFD Compressor/Distractors - Small

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



Two hole sizes allow for ease of pin size selection:
.045" (1.1 mm) & .062" (1.6 mm)

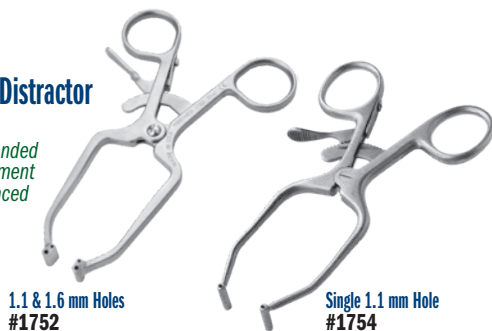
Small with Radiolucent Arms
#1834-R

Small with Stainless Steel Arms
#1834

Wurapa Small Joint Distractor

Designed by Raymond K. Wurapa, MD

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



1.1 & 1.6 mm Holes
#1752

Single 1.1 mm Hole
#1754

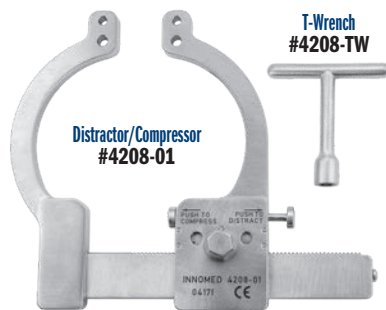
Gurbani Joint Distractor/Compressor

Designed by Naren G. Gurbani, MD

Versatile joint distractor/compressor provides 360° freedom for arthroscopic or open procedures of foot, ankle, hand, and wrist joints

Pin Hole Sizes: .15" (3.5 mm) and .182" (4.5 mm)

Set with Case #4208-00
Also Available Individually



Distractor/Compressor
#4208-01

T-Wrench
#4208-TW

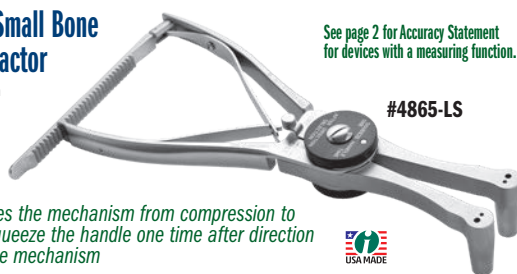
Joint, Calcaneal, Small Bone Compressor/Distractor

Two hole sizes allow for ease of pin size selection: .062" (1.6 mm) & .094" (2.4 mm)

Selection lever switches the mechanism from compression to distraction— simply squeeze the handle one time after direction selection to engage the mechanism

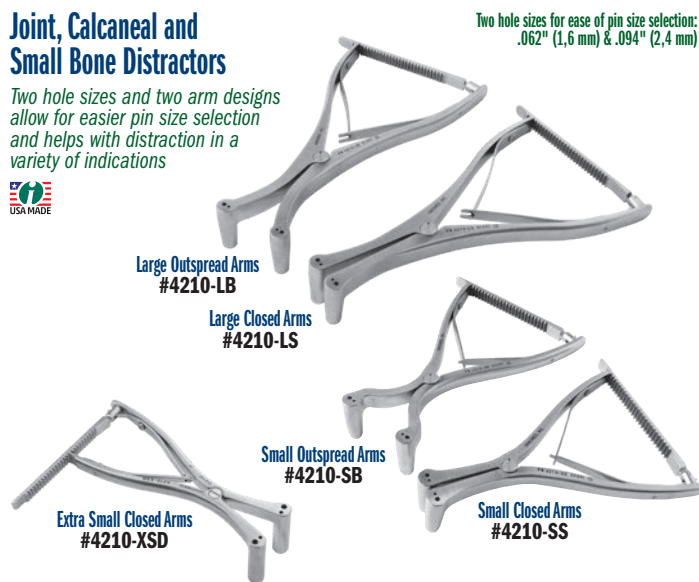
See page 2 for Accuracy Statement for devices with a measuring function.

#4865-LS



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



Large Outspread Arms
#4210-LB

Large Closed Arms
#4210-LS

Small Outspread Arms
#4210-SB

Extra Small Closed Arms
#4210-XSD

Small Closed Arms
#4210-SS

Large Pin Distractor and Compressor

Larger 1/8" (3.2 mm) pin hole size for extra sturdy distraction or compression



Compressor
#4234

Distractor
#4233

Joint, Calcaneal and Small Bone Distractors with Thumbscrews

Thumbscrews help prevent the unit from sliding on the pins



Thumbscrew modification designed by Kelly McCormick, MD



Large Outspread Arms #4215-LB
Small Outspread Arms #4215-SB
Large Closed Arms #4215-LS
Small Closed Arms #4215-SS

WITH THUMBSCREWS
Large and Small,
Outspread and Closed Arms

Two hole sizes for ease of pin size selection:
.062" (1.6 mm) & .094" (2.4 mm)

Joint, Calcaneal and Small Bone Compressors

Designed for compression in fracture and osteotomy procedures



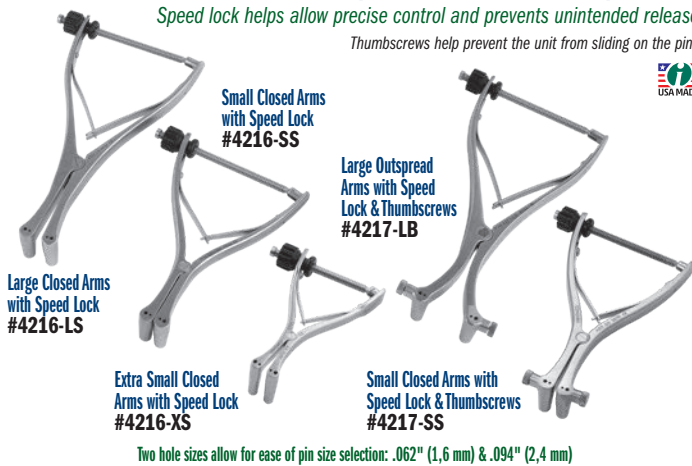
Small
#4210-SC

Extra Small
#4210-XSC

Two hole sizes for ease of pin size selection:
.062" (1.6 mm) & .094" (2.4 mm)

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

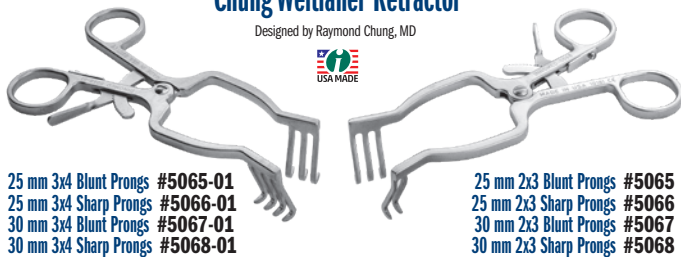
Speed lock helps allow precise control and prevents unintended release
Thumbscrews help prevent the unit from sliding on the pins



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

Chung Weitlaner Retractor

Designed by Raymond Chung, MD



Longer prongs allow use in a small, but deep wound—prong lengths of 25 mm and 30 mm available with either sharp or blunt tips

Wurapa Swivel Blade Forearm Retractor

Designed by Raymond Wurapa, MD

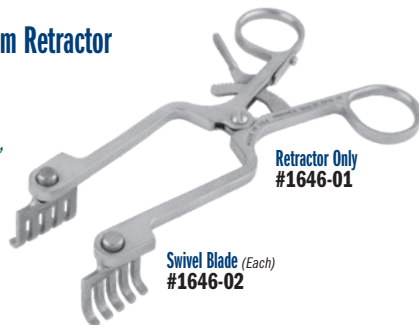
Designed for forearm and wrist fracture exposure, the blades swivel for less stress on soft tissue, the swivel-blade technology helps to allow parallel deployment of retractor blades

Set #1646-00

Also Available Individually



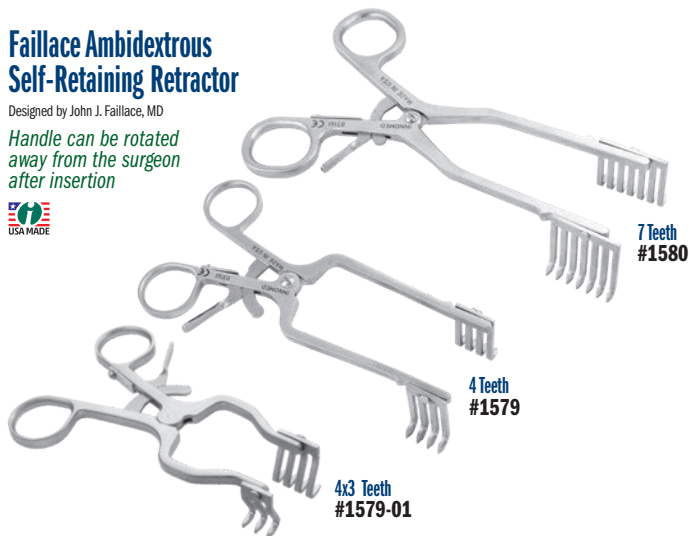
Set includes Retractor and Two Swivel Blades



Faillace Ambidextrous Self-Retaining Retractor

Designed by John J. Faillace, MD

Handle can be rotated away from the surgeon after insertion



Dodson Modular Retractor

Designed by Mark A. Dodson, MD



Set #1838-00
Also Available Individually

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



Optional Modified J.B. Redler Retractor (Each) #1645-MOD

Modified with three hole sizes which allow for a variety of positioning angle options using the teeth of the Dodson Retractor

Radiolucent mini-hohmann retractor and Modified J.B. Redler retractor blades are optional and sold separately.

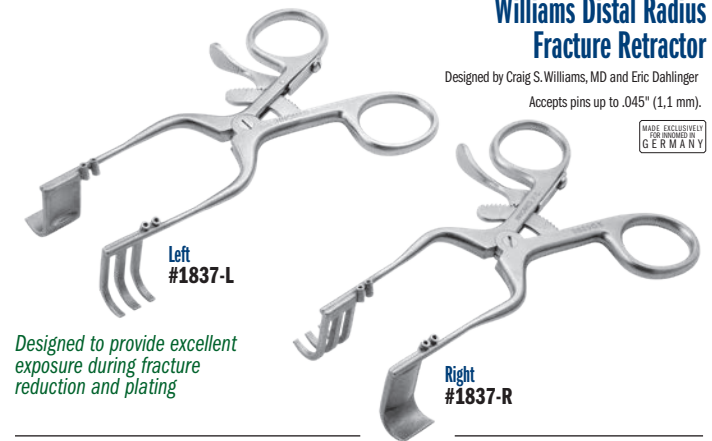
Optional radiolucent blade composed of a carbon fiber PEEK composite



Williams Distal Radius Fracture Retractor

Designed by Craig S. Williams, MD and Eric Dahlinger

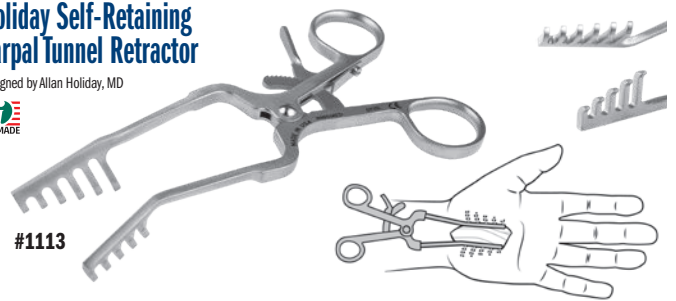
Accepts pins up to .045" (1,1 mm).



Designed to provide excellent exposure during fracture reduction and plating

Holiday Self-Retaining Carpal Tunnel Retractor

Designed by Allan Holiday, MD



Burgess Carpal Tunnel Retractor

Designed by Craig Burgess, DO

Designed for exposure during carpal tunnel surgery



Silicone Hand with Positioning Rings

Designed to help with positioning of hand and fingers for surgery, the silicone hand aid in stabilizing the fingers

The flexible silicone is easily bendable while maintaining the ability to remain in position once set. Silicone hand and rings are steam sterilizable.

Set includes Silicone Hand and 6 Silicone Positioning Rings

Set #1746-00

MADE FOR INNOVATION IN GERMANY



Hand/Finger Positioner

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

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

Uses include but not limited to:

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

Radiolucent positioner can be steam or gas sterilized.



Auerbach Hand Positioner Set

Designed by David Auerbach MD



*Thumb Post & Clip
Shown attached to plate*

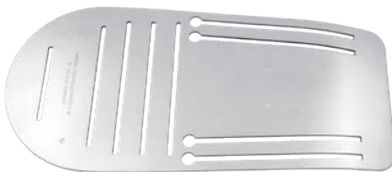
*Suction Holder
Insert in any corner
to help remove blood
accumulating in tray*



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

Set #1747-00

Also Available Individually



Hand Plate



Hand Tray



Cord Clips (7)



Thumb Post

Thumb Post Clip

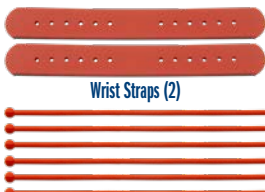


Retractors (4)



Wrist Strap Buckles (2)

Suction Holder



Wrist Straps (2)

Cords (6)



Frame #1578-01

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



Short Blade Depth

Small & Large Blade Depth

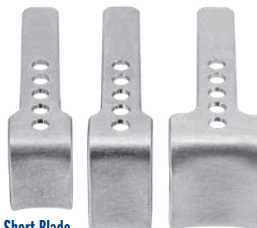
Lawton Distal Radius Mini Frame & Blade Set

Designed by Jeffrey Lawton, MD

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

Set #1578-00

Also Available Individually



Short Blade #1578-02

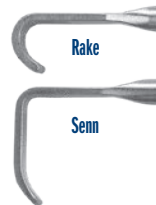
Small Blade #1578-03

Optional Large Blade #1578-04

Chung T-Handle Retractors

Designed by Raymond Chung, MD

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



Rake

Senn

Standard Shaft

Sharp Rake Standard Shaft #1159

Blunt Rake Standard Shaft #1161

Senn Standard Shaft #1162



Extended Shaft

Sharp Rake Extended Shaft #1159-01

Blunt Rake Extended Shaft #1161-01

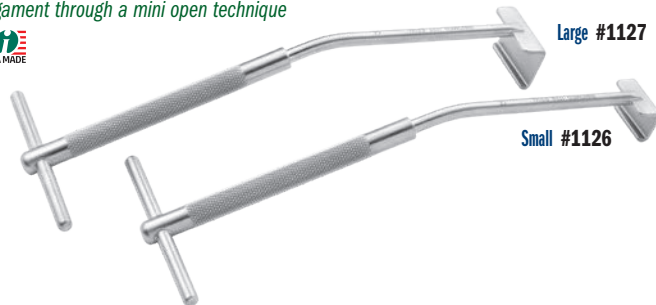
Senn Extended Shaft #1162-01



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



Large #1127

Small #1126

Johnson Low Profile Foot & Ankle Retractors

Designed by Michael Johnson, MD

Designed for soft tissue retraction in the foot and ankle



Double Bent Handle
#1636-02

Straight Handle
#1636-01

Modified Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Superior Coracoid Modification



6 mm Wide /
35 mm Drop
#1665

6 mm Wide /
17 mm Drop
#1665-01

8 mm Wide /
35 mm Drop
#1666

8 mm Wide /
17 mm Drop
#1666-01

8 mm Wide /
17 mm Drop
with Superior
Coracoid
Modification
#1666-02

8 mm Wide /
72 mm Drop
#1666-LG



Used for small bone surgery

OrthoLucent™ Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Radiolucent,
lightweight
retractors



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



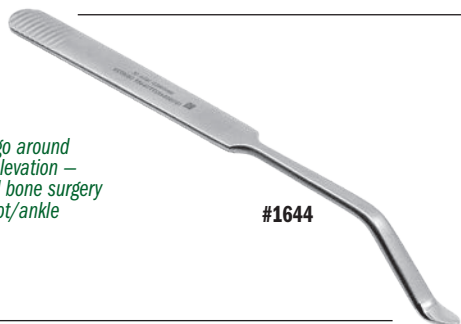
8 mm Blade
#1594-R

16 mm Blade
#1597-R

Swanson Elevator

Designed by Richard Ferkel, MD

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



#1644

J.B. Redler Retractor

Designed by M.R. Redler, MD

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



#1645

Woods Retractor

Designed by Richard Ferkel, MD

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



#1147

Kawell Short Army Navy Retractor

Designed by Ron Kane, DPM

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

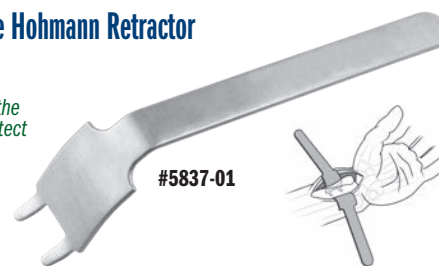


#1148

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



#5837-01

McGlamry Type Elevators

Designed to help deglove a metatarsal head, and helpful in many other procedures



11 mm #1643-11

13 mm #1643-13

15 mm #1643-15

17 mm #1643-17

Roberts Pin Bending Cannula Set

Designed by David Roberts, MD



Set of Three Sizes #2113-00
Also Available Individually

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

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



4 mm #2113-03

3 mm #2113-02

2 mm #2113-01



Basic Screw Removal System

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

Complete System with Case #2022-00
Also Available Individually

See Page 37 for more detailed information

Set in Case



- ▶ Screw Removal Pliers
- ▶ Sharp Hook
- ▶ T-Handle with AO-End
- ▶ Mini Lexer Gouges
- ▶ Extraction Screws
- ▶ Extraction Bolts
- ▶ Trephines
- ▶ Instruction Plate

MADE FOR INNOVATION IN GERMANY

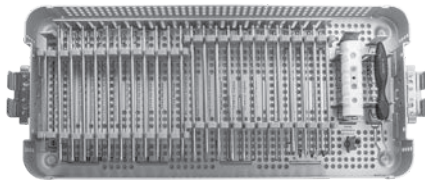
One compact set featuring multiple tools needed to help remove damaged and broken screws.

Universal Screw Removal Instrument System

Designed to remove solid and cannulated screws, and used for removal of stripped hex screws, buried screws, partial screws with broken screw heads, the drive end (A/O) is designed for easy and quick engagement with the universal instrument handle

Complete System in Case #S0010-00
Also Available Individually

See Page 36 for more detailed information



USA MADE

Screw/Pin Removal Locking Pliers

Unique jaw designed to solidly grip and clamp onto a screw head, broken screw, or pin for removal

See Page 36 for more detailed information

USA MADE

Standard
#S0142

Small
#S0142-01



New reduced jaw size available for smaller screws, pins and incisions

Screw Removal Pliers

MADE FOR INNOVATION IN GERMANY

#2022-01



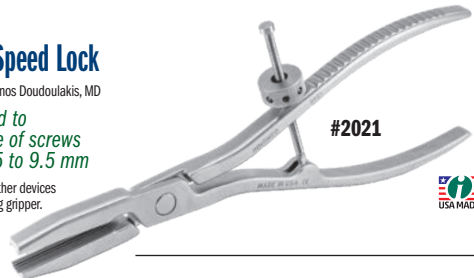
Screw Extractor with Speed Lock

Designed by Khaled Sarraf, MD & Konstantinos Doudoulakis, MD

Universal extractor designed to accommodate a large range of screws and screw heads from 3.95 to 9.5 mm

Can also be used to help with removal of other devices that may require a twisting universal locking gripper.

#2021



USA MADE

Screw Removal Pliers



#2020

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



USA MADE

New!

Intramedullary Nail Removal Set

System designed to help remove an intramedullary nail

Complete System with Tray #2027-20
Also Available Individually

MADE FOR INNOVATION IN GERMANY

INSTRUCTIONS FOR NAIL REMOVAL:

1. Insert the push rod into the slaphammer rod, leaving the ball end outside of the slaphammer rod. Connect the t-handle tightening assembly over the ball end of the push rod. Screw the t-handle tightening assembly with push rod attached into the slaphammer rod.
2. To determine the correct size of nail extraction spreader, it should be completely inside the nail to be removed. If the extraction spreader wobbles, then it is too small. If threads are exposed, it is too large.
3. The extraction spreader is then completely threaded into the tapered end of the slaphammer rod. It is tightened using the open-end wrench and stabilizing bar.
4. The complete assembly is screwed into the nail by hand tightening.
5. Tap on the end of the t-handle tightening assembly with three light taps and re-tighten the t-handle tightening assembly if needed. Using the slaphammer or mallet, start with light taps to remove the nail.



Stabilizing Bar #2027-06



Open End Wrench #2027-07



Extraction Spreader Size 1 // 6-9 mm
#2027-11A

Two included in set; product number is for one only



Extraction Spreader Size 1.5 // 8-10 mm
#2027-11B

Two included in set; product number is for one only



Extraction Spreader Size 2 // 9-12 mm
#2027-11C

Two included in set; product number is for one only



Extraction Spreader Size 2.5 // 11-13 mm
#2027-11D

Two included in set; product number is for one only



Extraction Spreader Size 3 // 12-15 mm
#2027-11E

Two included in set; product number is for one only



Extraction Assembly Rod & Slaphammer
#2027-12A



Extraction Push Rod #2027-12B



Extraction Tightening Assembly #2027-12C

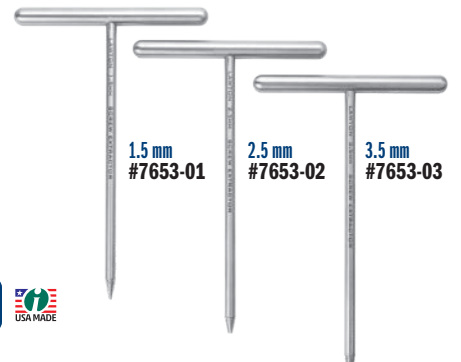


Lawton Screw Extractors

Designed by Jeffrey Lawton, MD

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

Set of Three with Case #7653-00
Also Available Individually

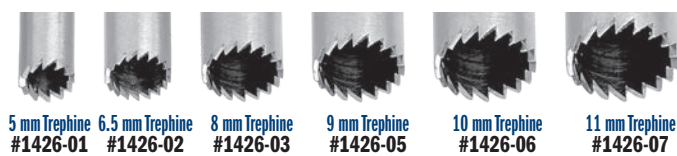


1.5 mm
#7653-01

2.5 mm
#7653-02

3.5 mm
#7653-03

USA MADE



5 mm Trephine #1426-01 6.5 mm Trephine #1426-02 8 mm Trephine #1426-03 9 mm Trephine #1426-05 10 mm Trephine #1426-06 11 mm Trephine #1426-07

Cheng Screw Removal and Bone Trephine Set

Designed by Edward Cheng, MD

Six trephine sizes with reverse thread teeth designed to help with removal of screws with minimal bone loss, as well as gathering of core bone samples for biopsy or core decompression

Trephine Sizes in Internal Diameter

Can be used with the T-handle or with power.



Set with Case #1426-00
Also Available Individually



Replacement Part:
Retaining Screw #1425-14-B-COMP

Handle
Assembly
#1425-14



Large
#1857

Medium
#1856

Small
#1856-01

Periarticular Reduction Forceps

Designed for reduction of intraarticular and periarticular fractures, the pointed ball tips help provide a secure hold in the bone despite minimal contact

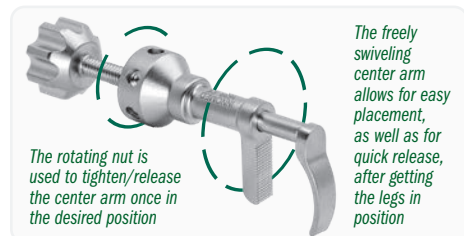


Chen Low Profile Plate/Bone Clamp

Designed by Franklin Chen, MD

Designed for fracture reduction as well as plate to bone clamping in diaphyseal forearm and humerus fractures

Also useful for distal radius and a variety of lower extremity fractures.



The freely swiveling center arm allows for easy placement, as well as for quick release, after getting the legs in position

#1639



Bone Clamp with Speed Lock

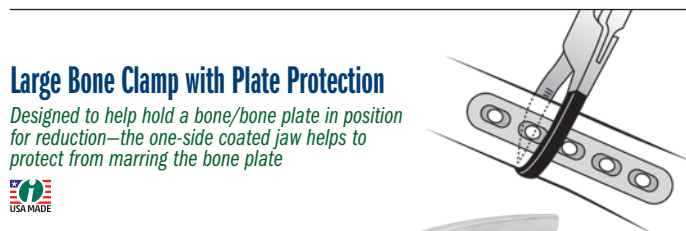
Designed to help hold a bone in position for reduction



#3659

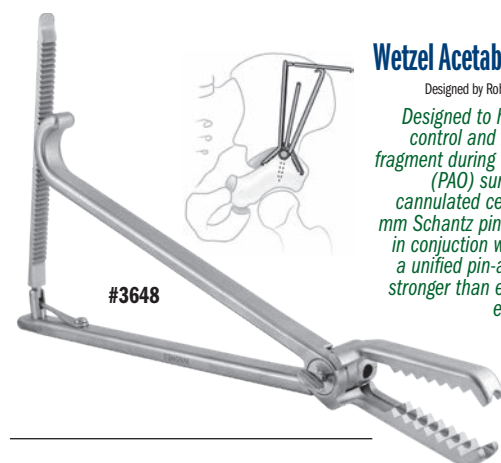
Large Bone Clamp with Plate Protection

Designed to help hold a bone/bone plate in position for reduction—the one-side coated jaw helps to protect from marring the bone plate



Left #3659-L

Right #3659-R



#3648

Wetzel Acetabular Fragment Clamp

Designed by Robert Wetzel, MD & Todd O. McKinley, MD

Designed to help increase the ability to control and manipulate an acetabular fragment during Periacetabular Osteotomy (PAO) surgery for hip dysplasia, the cannulated center hinge allows a 5 to 6 mm Schantz pin (not included) to be used in conjunction with the clamp—providing a unified pin-and-clamp together that is stronger than each separately and offers enhanced fragment control



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



#1379

Vosburg Cannulated Periarticular Clamp

Cannulated clamp tips allow passage of k-wires



#1864



Designed by
Caleb Vosburg, MD



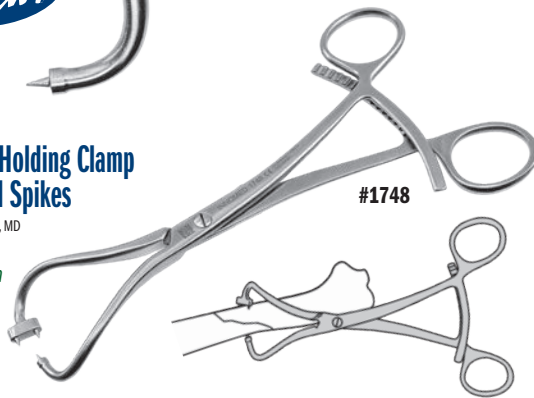


Chandran Bone Holding Clamp with Double Ball Spikes

Designed by Rama E. Chandran, MD

Designed to hold a fracture in reduction

Very helpful in displaced fractures



#1748



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



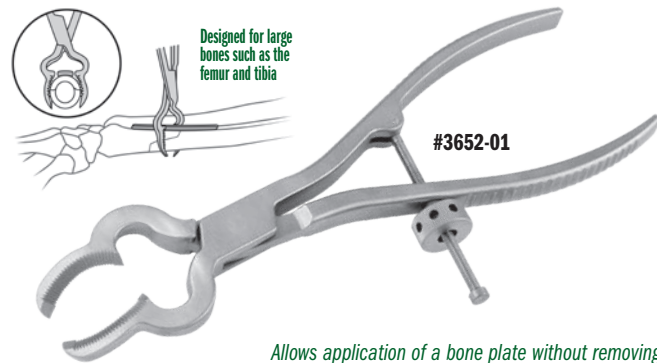
Durham Bone Reduction Clamps

Designed by Alfred A. Durham, MD



Designed for large bones such as the femur and tibia

#3652-01

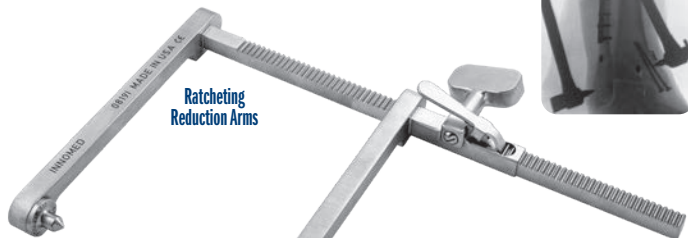


Allows application of a bone plate without removing the reduction clamp—the wide window directly above the jaws provide space to allow a bone plate to be slid into position without removing the clamp

Ratcheting Reduction Clamp Assembly

Designed by Michael Craig, OPA-C

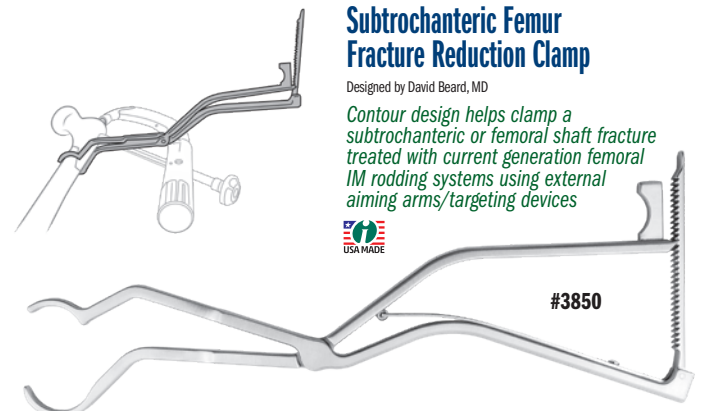
Designed as a soft tissue sparing fracture reduction clamp



Assembly #3840-00
Also Available Individually



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



Subtrochanteric Femur Fracture Reduction Clamp

Designed by David Beard, MD

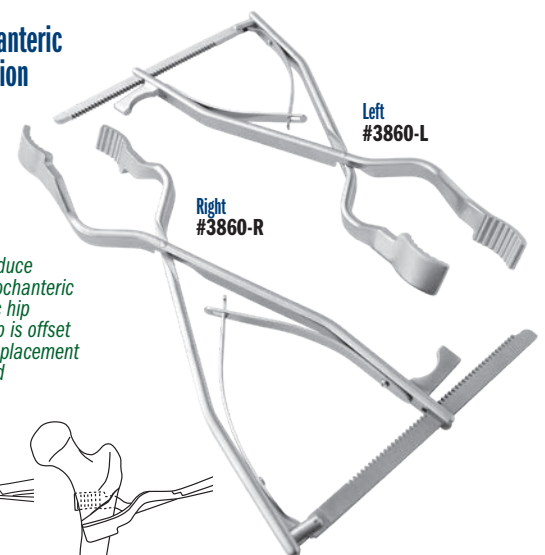
Contour design helps clamp a subtrochanteric or femoral shaft fracture treated with current generation femoral IM rodding systems using external aiming arms/targeting devices



#3850

Canestra Trochanteric Fracture Reduction Clamp

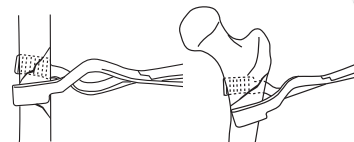
Designed by Vince Canestra, MD



Left
#3860-L

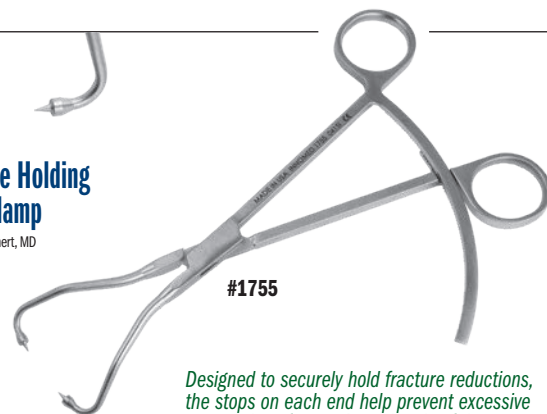
Right
#3860-R

Designed to help reduce comminuted intertrochanteric and subtrochanteric hip fractures, this clamp is offset at its ends to avoid placement into the fracture bed



Weinert Bone Holding Reduction Clamp

Designed by Carl R. Weinert, MD



#1755

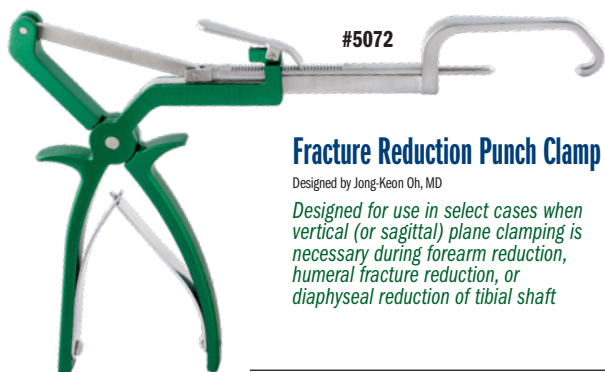
Designed to securely hold fracture reductions, the stops on each end help prevent excessive penetration of metaphyseal and soft bone



Self-Centering Verbrugge Bone Clamp

MADE EXCLUSIVELY
FOR IMPORTERS IN
GERMANY**New!**Standard
#3639Large
#3639-L

Self centering Verbrugge forceps with
easy release locking mechanism

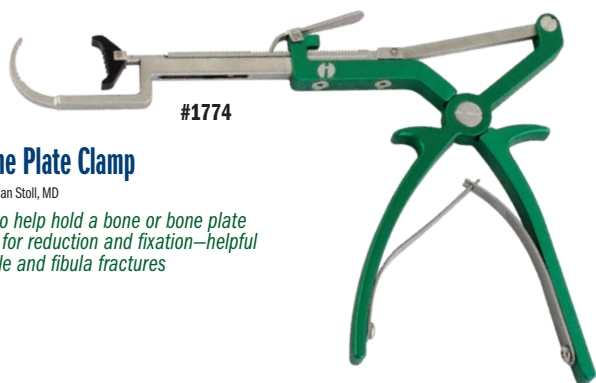


#5072

Fracture Reduction Punch Clamp

Designed by Jong-Keon Oh, MD

Designed for use in select cases when
vertical (or sagittal) plane clamping is
necessary during forearm reduction,
humeral fracture reduction, or
diaphyseal reduction of tibial shaft



#1774

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



Durkan Ratchet Bone Clamps

Designed by John Durkan, MD

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

MADE EXCLUSIVELY
FOR IMPORTERS IN
GERMANYLarge
#1867Small
#1868

Kodros Radiolucent Awl

Modified by S. Kodros, MD

Helps locate holes in interlocking nails
3.7 mm Pin Diameter.



#8030-01

Extended Scalpel Handle

Designed by Richard Pelliccio, MD

Long thin scalpel handle used with knife blade to make a skin incision
and cut through fascia to help seat trocars to bone

#10 blade normally used but choice of blade is at surgeons' discretion. Blade not included.



#3022

Chandran Double Ball Spike

Designed by Rama E. Chandran, MD



#8027

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

Ball Spike with Bell Handle

Designed with a long shaft
for use in deep wounds



#8032



Hooked Bone Awls

Designed by Reza Firoozabadi, MD

Designed to help with manipulation
of bone fragments for fixation



Standard #5078

Long #5078-01

Fracture Reduction Pick

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



#S0129





Extended Drill Sleeves

Designed by Reza Firoozabadi, MD

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

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

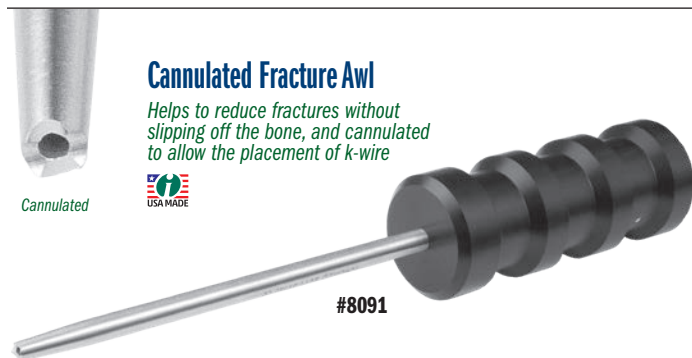
New!

SIZE NOT INCLUDED IN SET
SOLD SEPARATELY



Set of Three #3014-00
Also Available Individually

Set Includes:
3014-01, 3014-02, & 3014-03



Cannulated Fracture Awl

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



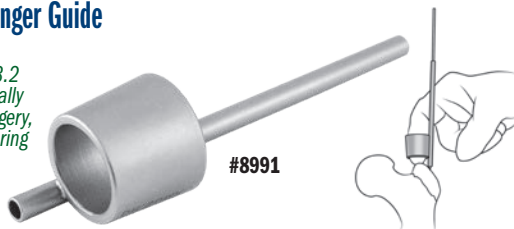
#8091

Sumko Surgical Finger Guide

Designed by Michael H. Sumko, MD

Used to help insert a 3.2 mm guide wire, especially during hip fracture surgery, to help prevent puncturing the surgeons' glove

US Patent #503638945

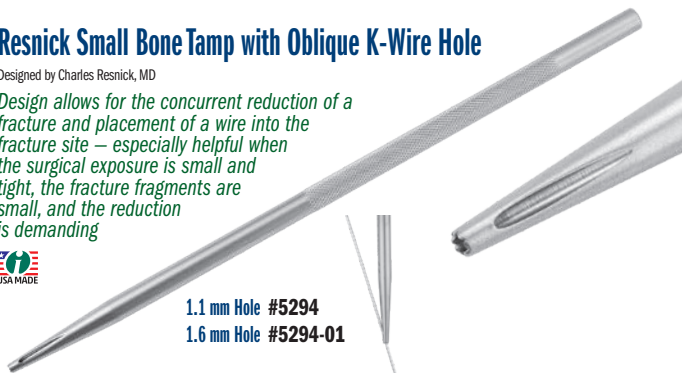


#8991

Resnick Small Bone Tamp with Oblique K-Wire Hole

Designed by Charles Resnick, MD

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



1.1 mm Hole #5294

1.6 mm Hole #5294-01



LOCKING SCREW

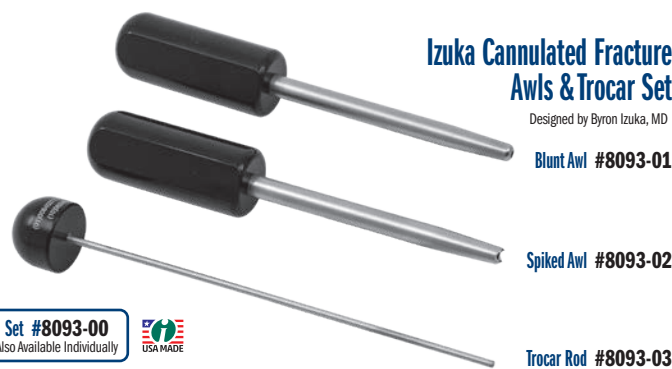
#2831

Chaudhari Universal Nail Entry Guide

Designed by Ashutosh S. Chaudhari, MD

Universal entry point cannulated awl can be used for PFN nailing in hip fractures, femur antegrade and retrograde nailing, tibia nailing, and proximal humerus nailing

- ▶ Used to manipulate the guide wire in two planes to help get perfect entry trajectory.
- ▶ The locking screw on the end of the handle can be used to lock the guide wire in the cannulated channel.



Izuka Cannulated Fracture Awls & Trocar Set

Designed by Byron Izuka, MD

Blunt Awl #8093-01

Spiked Awl #8093-02

Trocar Rod #8093-03

Set #8093-00
Also Available Individually



Designed to help safely and accurately place standard K-wires up to 0.0825" (2.1 mm) with either open or percutaneous techniques, helping to avoid soft tissue injuries that may occur without the use of such devices

New!

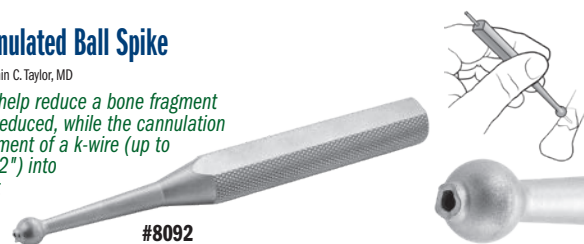
- ▶ The sharp tip design minimizes migration of the awl when inserting the K-wire at an oblique angle to the bone surface.
- ▶ May also be used to place K-wires for use with specialty sets (with guide wires that are shorter than standard K-wires) with minor modifications in technique.
- ▶ The trocar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



Small Cannulated Ball Spike

Designed by Benjamin C. Taylor, MD

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



#8092

Stanton Nail/Screw Drill Guide Assembly for Distal Humeral, Femoral, or Tibial Screws

Designed by John L. Stanton, MD

Designed to help hold and stabilize a drill guide, allowing the surgeon to obtain 'perfect circles' and drill distal locking screw holes without exposure of the hand to the x-ray beam

Set #8986-00
Also Available Individually



Locking Drill Guide Holder
#8987

Trocar Alignment Tool #8986-02

Sleeve #8986-01



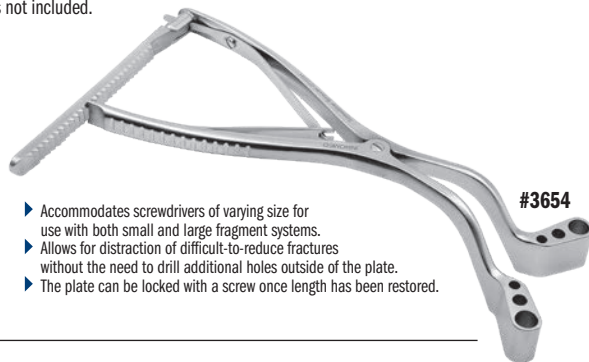
Mantis Screwdriver Distractor

Designed by J. Albert Diaz, MD

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

*Screwdrivers not included.

MADE EXCLUSIVELY
FOR INNOVATION IN
GERMANY



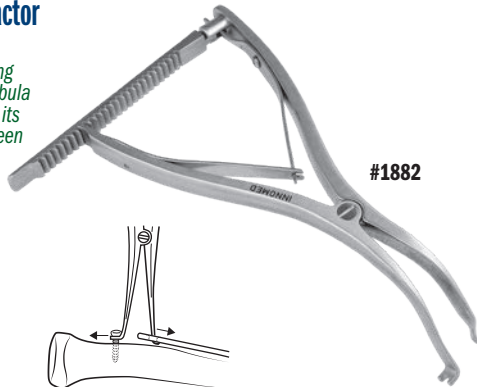
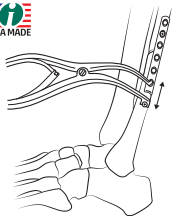
- ▶ Accommodates screwdrivers of varying size for use with both small and large fragment systems.
- ▶ Allows for distraction of difficult-to-reduce fractures without the need to drill additional holes outside of the plate.
- ▶ The plate can be locked with a screw once length has been restored.

Wixted Fracture Distractor

Designed by John J. Wixted, MD

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

USA MADE



#1882

Stoll Retractor/Wire Guide

Designed by Jordan Stoll, MD

Retractor/guide designed for aiming guide wire when performing femoral nailing (TFN for an intertrochanteric fracture), or tibial nailing using the parapatellar approach

USA MADE



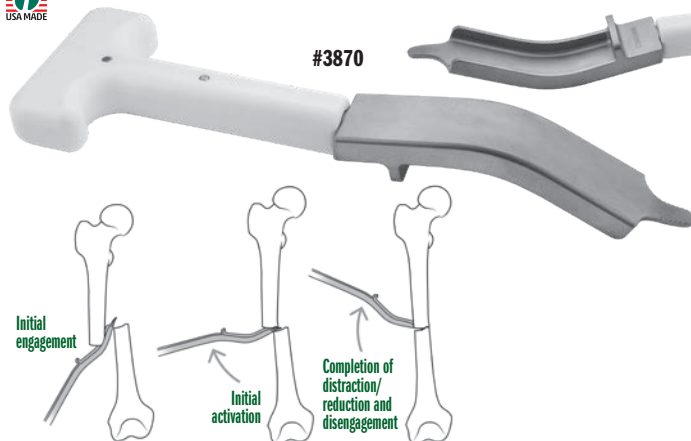
#8012

AK Fracture Reducer

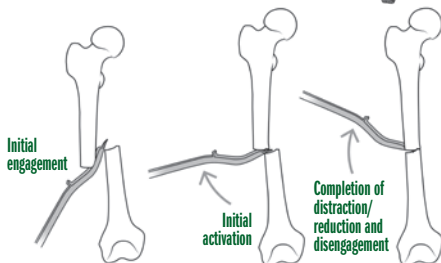
Designed by Byron McCord, MD

Designed to help reduce long bone fractures of the femur and tibia, especially helpful with shortened long bone fractures due to young, strong musculature in acute trauma, or neglected fractures due to overriding circumstances or late referral

USA MADE



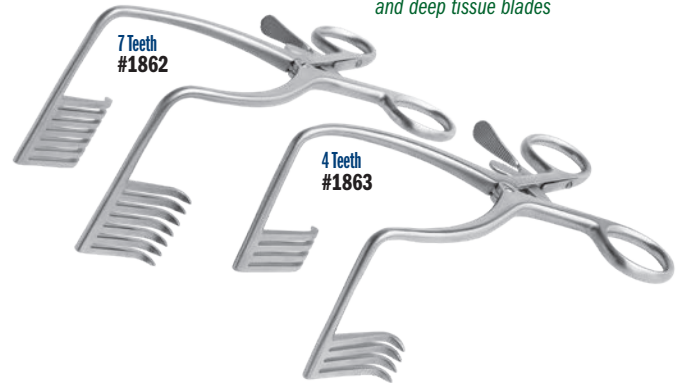
#3870



Trauma/Spine Deep Tissue Retractor

Designed to help maximize exposure with 90° arms and deep tissue blades

MADE EXCLUSIVELY
FOR INNOVATION IN
GERMANY



Dozier Radiolucent Bennett Hip Fracture Retractor

Designed by John K. Dozier, MD

Can be kept in place while using image intensification or taking an x-ray, the handle can be rotated to the right or left for surgeon preference

USA MADE



#6870

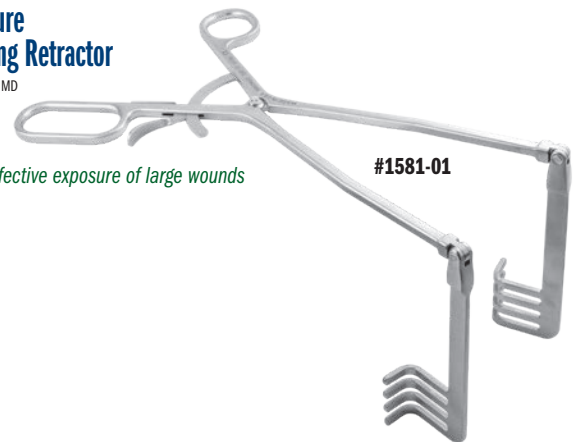
Shown with handle
in both directions

Large Exposure Self-Retaining Retractor

Designed by Vincent Ng, MD

USA MADE

Designed for effective exposure of large wounds

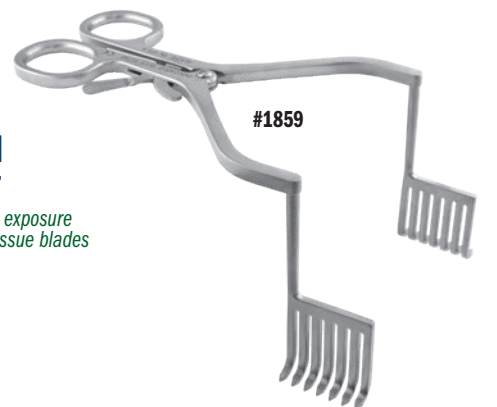


#1581-01

Double Bent Extended Deep Tissue Retractor

Designed to help maximize exposure with 90° arms and deep tissue blades

USA MADE



#1859



OrthoLucent™ Carbon Fiber PEEK Instruments

MADE EXCLUSIVELY
FOR INNOVATED IN
SWITZERLAND

Sierra OrthoLucent™ Pelvic Osteotomy Retractor

Designed by Rafael J. Sierra, MD

Designed to help with retraction of the inner pelvis for direct visualization of the inner pelvis prior to iliac osteotomy



#4541

OrthoLucent™ Cobra Retractor

A general purpose instrument for use around the femur and acetabulum



#6130-R

Stainless Steel Hip Surgery Ratchet Frame with OrthoLucent™ Arms and Blades

Designed for self-retaining wound exposure, the arms and blades of the OrthoLucent™ version are radiolucent and can be kept in place while using image intensification or taking an x-ray



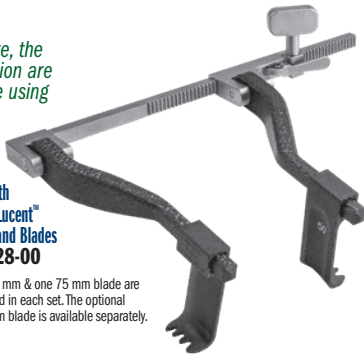
50 mm Blade #7427-02

75 mm Blade #7427-03

Optional 100 mm Blade #7427-04

Set with
OrthoLucent™
Arms and Blades
#7428-00

One 50 mm and one 75 mm blade are included in each set. The optional 100 mm blade is available separately.



Kaminsky OrthoLucent™ Browne-type Deltoid Retractors

Designed by Sean B. Kaminsky, MD

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



Small
#1670-01R

Large
#1670-02R

OrthoLucent™ Modified Fukuda-type Retractors

Used to retract the humeral shaft posteriorly, helping to expose the entire glenoid surface



OrthoLucent™ Wide
#1940-R

OrthoLucent™ Narrow
#1930-R

OrthoLucent™ Kolbel Self-Retaining Retractor Blade



36 x 53 mm
#T1019-R

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

OrthoLucent™ Bent Hohmann Retractors—Narrow

Helps retract tissues at the margins of the joint



#7110-R

OrthoLucent™ Hohmann Retractor

Designed like the original Hohmann-style retractor



#4558-R

OrthoLucent™ Modified Blunt Hohmann Retractor

Used for soft tissue retraction



#4550-R

OrthoLucent™ Modified Hohmann Retractors - Narrow

Handle is contoured to allow better leverage and visualization



#4535-R

OrthoLucent™ Chandler Retractor - 3/4"

#3220-02R



OrthoLucent™ PCL Retractor - Standard

Designed to straddle the cruciate ligament and lie in the femoral condylar notch, allowing the surgeon to retract the tibia away from the femur for better access

#2820-R



OrthoLucent™ Mini Hohmann Retractors

Designed by Jeffrey Lawton, MD

Designed for small bone surgery



8 mm Blade #1594-R

16 mm Blade #1597-R

OrthoLucent™ O'Brien Bone Clamp

Designed by Todd O'Brien, DPM

Designed for use in stabilization of a fracture or osteotomy



#1815-R

Bacastow Tibial Plateau Elevators

Designed by David Bacastow, MD

Designed to help with indirect reduction of a depressed tibial plateau fracture, and can be used with arthroscopic visualization and percutaneous fixation



Sandman Curved Bone Punch

Designed by Geoffrey A. Sandman, MD

Designed to help elevate a depressed tibial plateau fracture



Malleable Bone Tamps

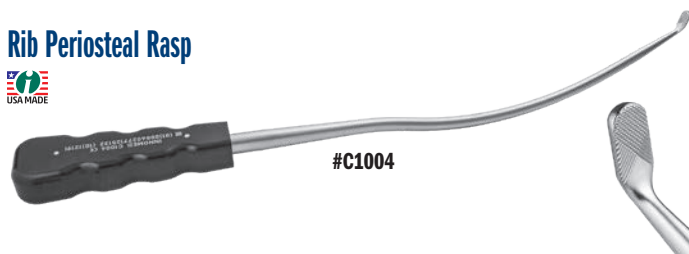
Modified by Serge Kaska, MD

Extra small modified by Serge Kaska, MD & Amal Das, MD

The large tamp is designed to help elevate a depressed tibial plateau fracture, while the small tamp can help elevate a depressed tibial plafond and smaller tibial plateau fractures, and the malleable shaft can be contoured for different angles



Rib Periosteal Rasp



Incavo Wire Passer

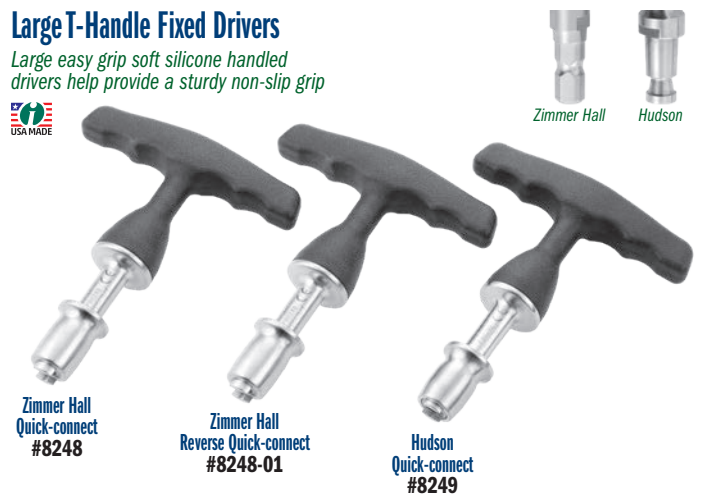
Designed by Stephen J. Incavo, MD

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

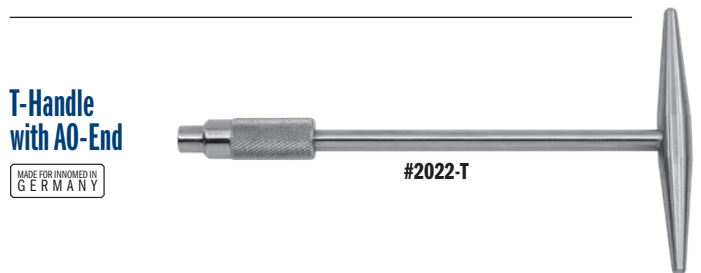


Large T-Handle Fixed Drivers

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



T-Handle with AO-End



T-Handle Chuck & Chuck Key

For use with Drills

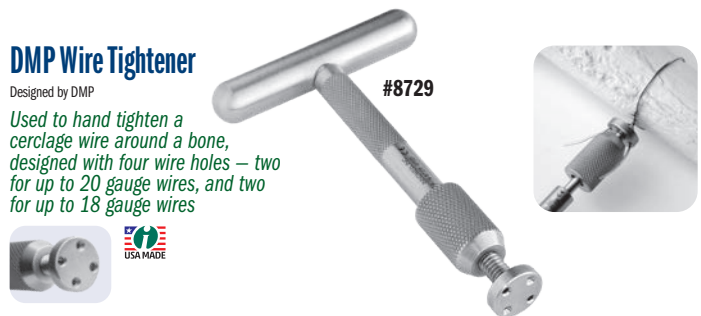
Set of T-Handle & Chuck #8247-00
Also Available Individually



DMP Wire Tightener

Designed by DMP

Used to hand tighten a cerclage wire around a bone, designed with four wire holes – two for up to 20 gauge wires, and two for up to 18 gauge wires



Whelan Double-Ended Suture Wire Passer

Designed by Edward J. Whelan, III, MD

Passer guide and malleable passer designed to pass suture wires around a bone

Set #8300-00
Also Available Individually

Set includes Passer Guide, two Passers, and a sterilization case.

Passer Guide #8300-01



Insert passer into guide to pass around the bone

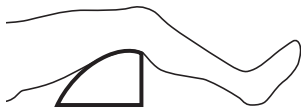
Attach suture wire, then draw the passer/suture wire back around the bone



Lower Extremity Leg Positioner

Designed by Ronald Romanelli, MD

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



#2745



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

Replacement Part:
Silicone Pad #2760-P

Adjustable Knee & Tibial Positioner

Designed by Ashutosh Chaudhari, MD

Adjustable design allows for use in procedures around the knee such as tibial nailing, tibial condyle plating, patella fracture fixation, supracondylar fracture plating, supracondylar fracture nailing, and total knee replacement

Radiolucent. Steam sterilizable.



Set #2770-00

Also Available Individually

Includes Positioner, Pad,
and Two Short Straps



Replacement Parts:
Short Straps Pkg of 10 #2590-S
Silicone Pad #2770-P

Sanders Extremity Positioning Tubes

Designed by Richard A. Sanders, MD

Designed to support the knee and ankle during lower extremity surgery



Large 6" #2740-02

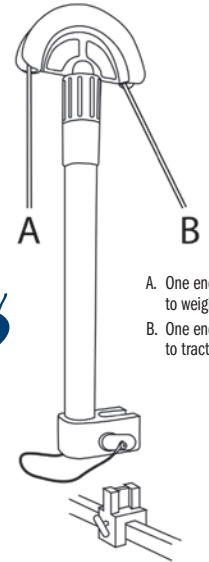
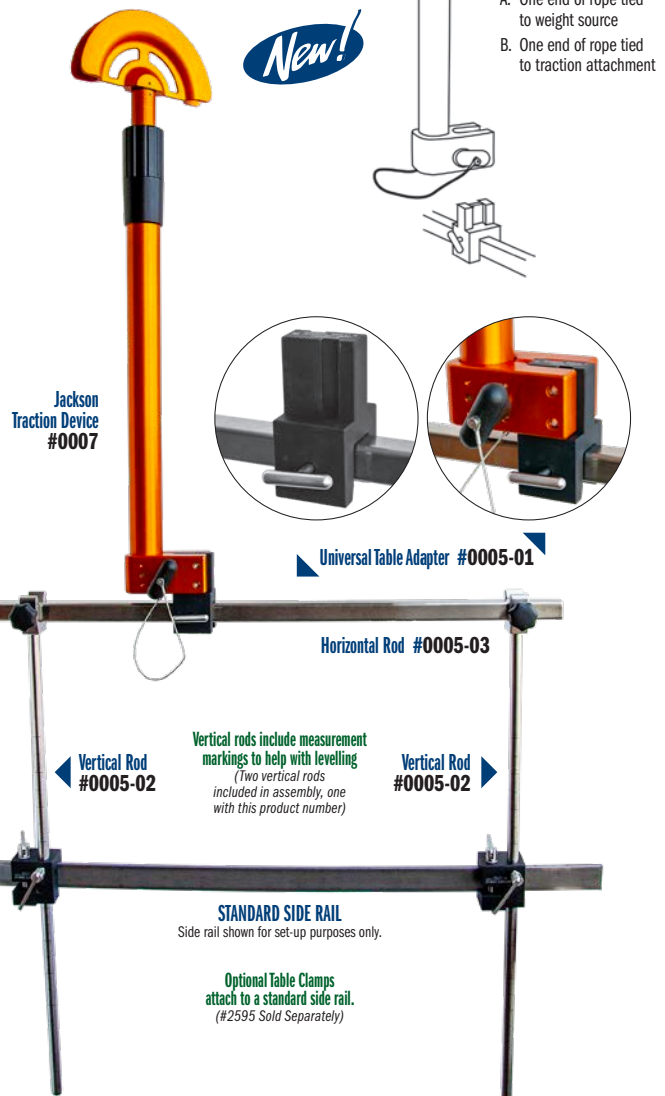
Small 4" #2740-01

Universal Table Adapter with Traction Device Assembly

A universal traction assembly with Jackson Traction Device for standard operating room tables used to assist with fracture fixation in the acetabulum, pelvis, and femur, and designed to attach to standard operating table side rails

Complete Assembly
#0005-00
Also Available Individually

Assembly Includes:
Jackson Traction Device, two (2) Vertical
Rods, Horizontal Rod, and a Universal
Table Adapter with Post Screw



- A. One end of rope tied to weight source
B. One end of rope tied to traction attachment

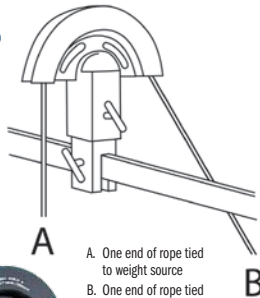
Universal Traction Assembly

A universal traction assembly with Traction Device for standard operating room tables used to assist with fracture fixation in the acetabulum, pelvis, and femur, and designed to attach to standard operating table side rails

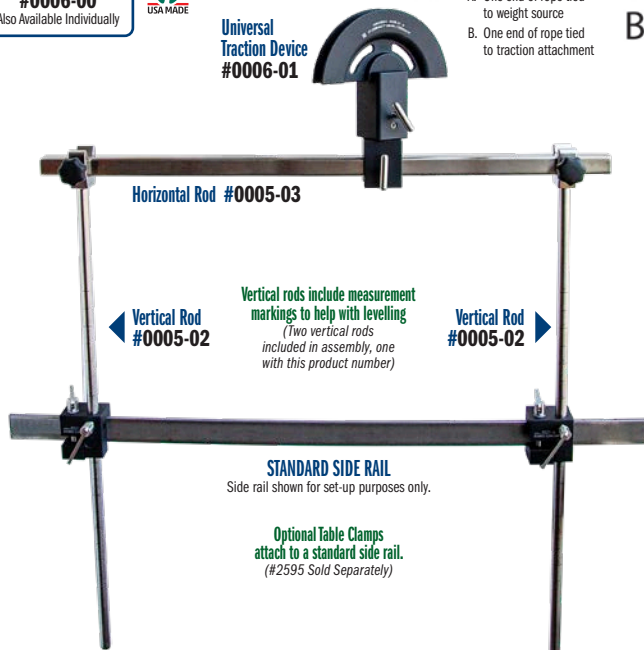
Complete Assembly
#0006-00
Also Available Individually



Universal
Traction Device
#0006-01



- A. One end of rope tied to weight source
B. One end of rope tied to traction attachment



Horizontal Rod #0005-03

Vertical Rod
#0005-02

Vertical rods include measurement
markings to help with levelling
(Two vertical rods
included in assembly, one
with this product number)

Vertical Rod
#0005-02

STANDARD SIDE RAIL

Side rail shown for set-up purposes only.

Optional Table Clamps
attach to a standard side rail.
(#2595 Sold Separately)

Horizontal Rod #0005-03

Vertical Rod
#0005-02

Vertical rods include measurement
markings to help with levelling
(Two vertical rods
included in assembly, one
with this product number)

Vertical Rod
#0005-02

STANDARD SIDE RAIL

Side rail shown for set-up purposes only.

Optional Table Clamps
attach to a standard side rail.
(#2595 Sold Separately)

Jackson Flat Top Traction Device

A table-top traction device designed for fracture fixation in the acetabulum, pelvis, and femur, the light-weight portable device attaches directly to a standard radiolucent flat top table

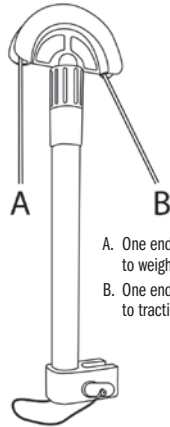


Available Individually:

Disposable Sterile Kit #0008

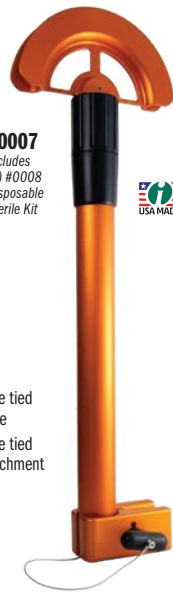
Includes: (1) Impervious Stockinette and (1) 11 ft. Traction rope

Case of Sterile Kits Pkg of 10 #0008-CASE



- A. One end of rope tied to weight source
B. One end of rope tied to traction attachment

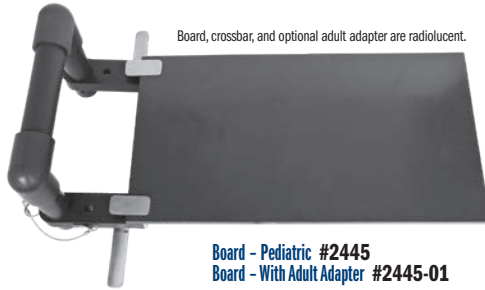
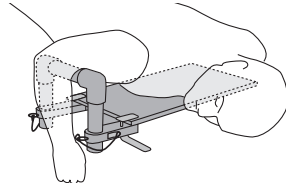
#0007
Includes
(1) #0008
Disposable
Sterile Kit



Distal Humerus Fracture Board

Designed by Burk Young, MD

Designed for the pinning of pediatric supra-condylar and adult distal humerus fractures without having to manually hold the fracture reduced, allowing the surgeon to focus on accurate pin placement and reduction



Board, crossbar, and optional adult adapter are radiolucent.

Board - Pediatric #2445
Board - With Adult Adapter #2445-01

Optional/Replacement Part:
Adult Adapter #2445-06

Fromm Femur & Tibia Triangles

Designed by S.E. Fromm, MD.

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

Set of Three #2760-00
Also Available Individually



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



16" #2760-03

14" #2760-02

11" #2760-01

8.5" #2760-XS
Sold Separately - Not
In Set

Replacement Parts:

Silicone Pad #2760-P

Straps Pkg of 18 - 6 Blue / 12 Green #2760-S

Green Straps for Femur, Long Pkg of 10 #8100-P

Blue Straps for Tibia, Short Pkg of 10 #8120-P

Straps for 2760-XS Pkg of 10 #8120-SP

Gupta Probe Set

Designed by Munish C. Gupta, MD

A universal spine probe set designed to help cannulate pedicles, with various sized and shaped tips for use in cervical, thoracic, lumbar, and sacral pedicles

Set #5005-00
Also Available Individually



New!



Spine Probe, Straight #5005-01

Spine Probe, Bent #5005-02

T-Handle Spine Probe, Flat Tip #5005-03

Pointed Thoracic Pedicle Probe #5005-04

Rounded Lumbar Pedicle Probe #5005-05

Pediatric Pedicle Probe #5005-06

Disc Space Distraction Cobb Elevator

Designed by Jason Squires, MD

Used to distract disc spaces helping to allow for easier access to the posterior aspect end plates and uncovertebral joints for decompression and disc prep

New!



#4721

Gupta Extended Osteotome

Designed to help cut bone and cartilage in procedures such as facetectomies and vertebrectomies



#5233

Designed by Munish C. Gupta, MD



Gelbke Cobb Elevator with Suction

Designed by Martin K. Gelbke, MD



Designed to be used during exposure of the posterior spine, as well as for pelvic and acetabular trauma cases

#3433

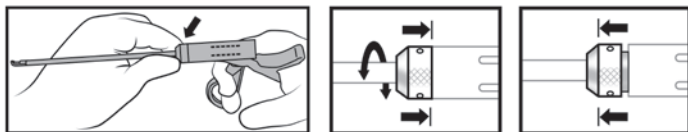




Rogozinski Rotating Rongeur

Designed by Chaim Rogozinski, MD and Abe Rogozinski, MD

Designed with cutting direction adjustments of 360°, allowing the instrument to be held in an ergonomic position for enhanced control, strength and precision



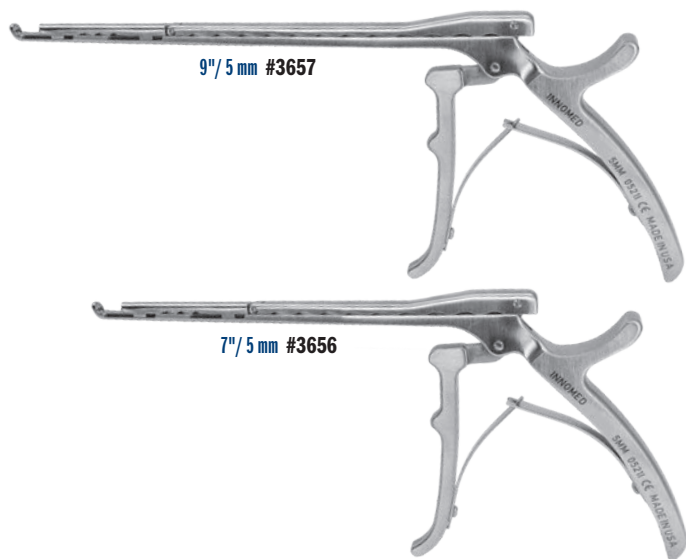
Push in and turn to achieve desired position, release to set

- Locks every 30° of rotation: push in and turn to achieve desired position, release to set
- Bone fragment ejector holes along the underside and on the tip of the barrel
- Each rongeur comes with one Bone Push Rod, designed to push bone fragments out of the rotating rongeurs

Bone fragment ejector holes along the underside and on the tip of the barrel

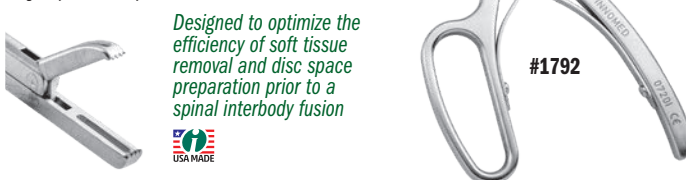
Kerrison Punch with Small Grip Handle

Designed with the handle closer together for easier gripping and to help reduce hand fatigue, the punch helps to remove small portions of bone and soft tissue



Pituitary Rongeur with Teeth

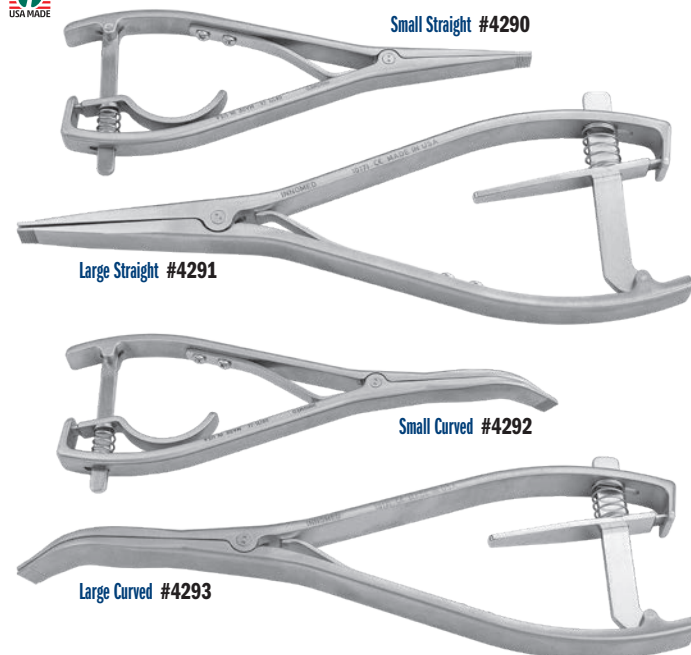
Designed by Michael Murray, MD



Gupta Disc Space Spreaders with Easy Release Locking Mechanism

Designed by Munish C. Gupta, MD

Designed to distract open collapsed disc spaces, the locking ratchet mechanism helps prevent accidental release, and provides for controlled adjustment and easy release



Ortho Self-Retaining Retractors

Calibrated ratchet is used to help accurately measure the size of opening – useful in procedures to help assess bone graft needs

- Features a no-teeth design, available with flat or serrated outside blades
- Also useful in knee replacement surgery to separate the femur and tibia, where the calibrated design can be used to help balance ligaments
- Also useful in foot & ankle surgery



Medium, Flat Outside Pads **#1843**



Available with flat or serrated outside blades

Small, Flat Outside Pads **#1842**



Medium, Serrated Outside Pads **#1843-01**

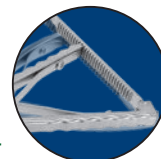


Small, Serrated Outside Pads **#1842-01**



Small, Serrated Outside Pads with Small Grip **#1842-01-SG**

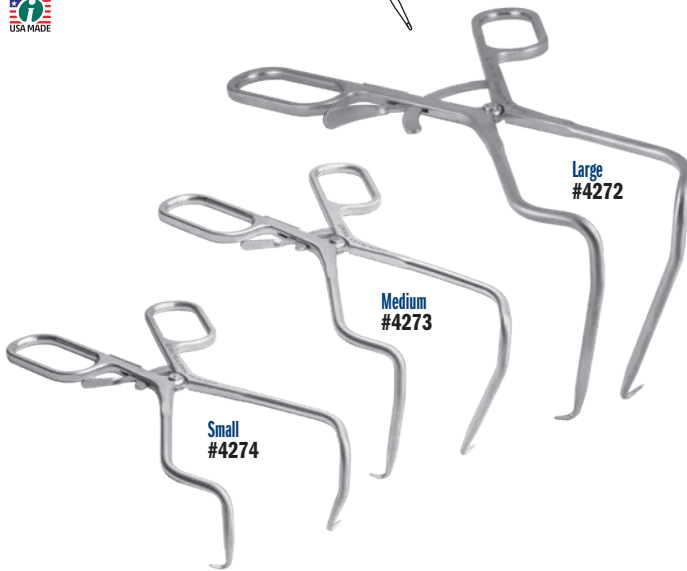
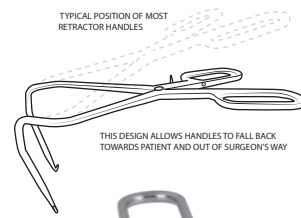
Designed with the grip closer together for easier gripping and to help reduce hand fatigue



Rogozinski Reverse Angle Retractors

Designed by Chaim Rogozinski, MD

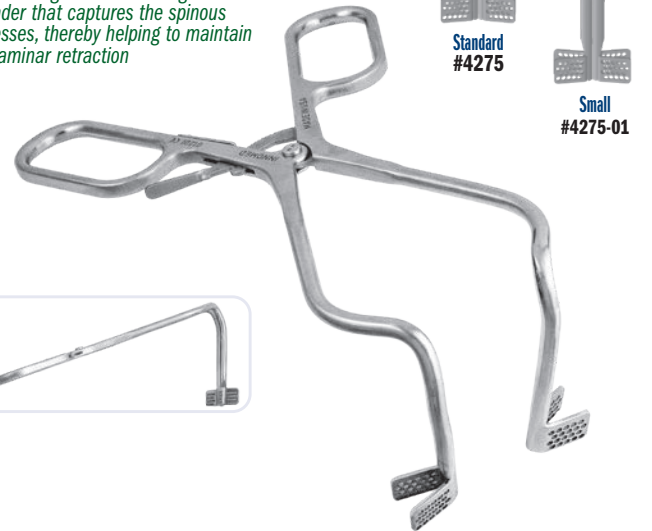
Designed to be self-leveling, helping to maintain the body of the retractor on the patient for soft tissue retraction and out of the surgeon's field, with finger loops designed for use with either hand



Rogozinski Lamina Spreader

Designed by Chaim Rogozinski, MD

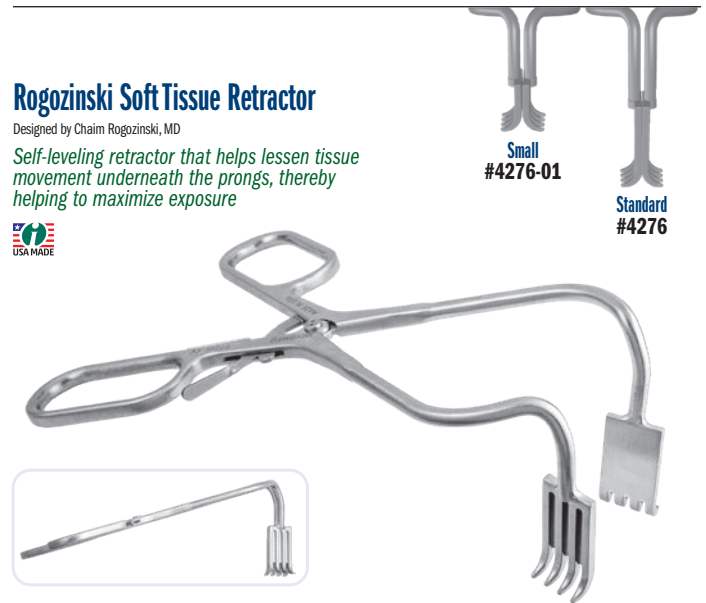
Self-retaining and self-leveling lamina spreader that captures the spinous processes, thereby helping to maintain interlaminar retraction



Rogozinski Soft Tissue Retractor

Designed by Chaim Rogozinski, MD

Self-leveling retractor that helps lessen tissue movement underneath the prongs, thereby helping to maximize exposure



Iliac Screw Retractor Blade

Designed by Munish C. Gupta, MD

Designed to help assemble a long spinal construct to the pelvis, and can also help anyone performing a lumbosacral construct to the pelvis



New!

#7450-08C

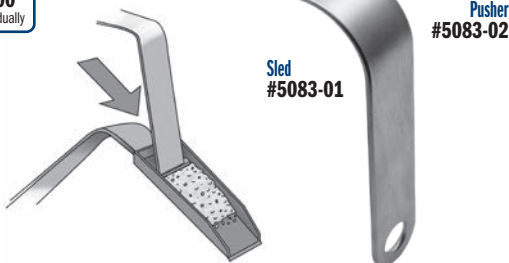


Harvey Lumbar Bone Graft Sled Assembly

Designed by Charles Harvey, DO

Designed to help deliver and tamp morselized bone graft to transverse processes during lumbar spinal fusion

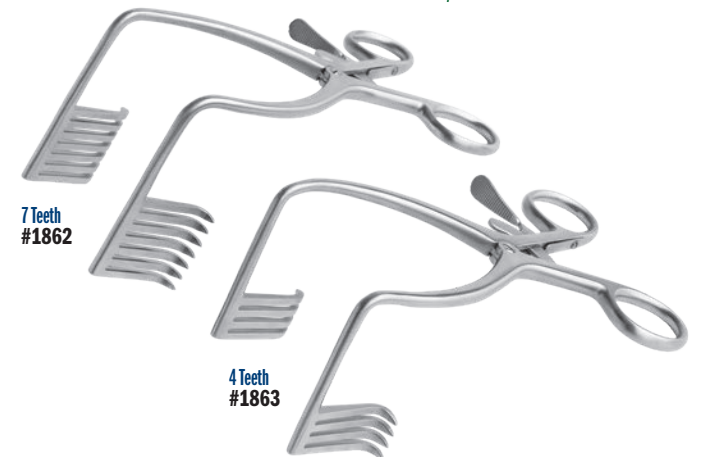
Set #5083-00
Also Available Individually



Trauma/Spine Deep Tissue Retractor

Designed to help maximize exposure with 90° arms and deep tissue blades

MADE EXCLUSIVELY
FOR INNOVATION IN
GERMANY



Rosen "V" Deep Soft Tissue Retractor

Designed by Adam Rosen, DO

Designed for soft tissue retraction with an ergonomic handle



#6239

Meyerding Type Retractors with Contour Grip

Designed for general use soft tissue retraction, the contour grip allows for a better grip and less fatigue

Features a non-glare finish.



50 x 16 mm
#6241-01

75 x 15 mm
#6242-01

75 x 25 mm
#6243-01

Rake Retractors

Designed for general use soft tissue retraction



Ergonomic Handle

Ergonomic handle allows for a better grip and less fatigue

Non-glare finish featured on the metal retractor parts.

3-Prong #4839

Contour Grip

Contour grip allows for a better grip and less fatigue

Features a non-glare finish.

3-Prong #4839-04

Soft Impact Mallets with Easy Grip Handles

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



2 lbs.
Standard
#7820

2 lbs. with
Weidman Handle
#7821

2 lbs. with
Delrin End
#7832

3 lbs.
Standard
#7837

Ortho Mallets



Standard
2.5 lbs.
#7812

Larger diameter handle and longer for a better grip

Standard with Flat
Sides 2.25 lbs.
#7811

Bechtold Enhanced Grip Ortho Mallet

Designed by Dustin Bechtold, MD

Ergonomically designed for forward and backward strikes, featuring an ergonomic handle with a tamp



2.7 lbs. #7822

- ▶ Large and small striking heads with smooth surface
- ▶ Stainless steel head and shaft with an aluminum handle with a right-handed grip
- ▶ Palmar side of the mallet features a flat surface to slide along a broach or impacting type instrument for back slapping and serves well as an additional striking surface

Non-Metallic Mallet

Designed by Justin Duke, MD

Designed to be used when adjustments are needed for implants. The non-metallic material insures that no metal is transferred to the implant.

New!

#7834



Ortho Mallets with Easy Grip Handles

Solid stainless steel mallets with a comfortable grip made of a textured silicone that helps prevent the surgeon's gloved hand from slipping and helps maintain a solid grip



Small 1 lb.
#7810

Large 1.75 lbs.
#7815

Jones Mallet

Designed by Dickie Jones, MD

Unique hand fitting shape provides superior gripping strength for accurate light to heavy impaction



2.4 lbs.
#7825

Aluminum Tapered Maul/Mallet

Large surface area allows the surgeon to focus on the action area of the instrument being struck, instead of making sure the mallet will strike the end of the instrument, much like a sculptors mallet



2.5 lbs.
#7828



White Aspiration Handle

Designed by Edward White, MD

Designed for aspiration of cavities or spaces that have greater than 20 ml volume, such as joints, bone marrow, and the iliac crest

Works with a 60 ml syringe only. Syringe not included.



#1131

Gray Syringe Assist with Ergonomic Handle

Designed by Robert Gray, MD

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

Syringe not included.



#8988

Patent Pending

Reusable Light Wand

Light wand designed for illumination of deep incisions

Can be attached to a fiber optic light cable with ACMI (female) connector.



#8010-02

Faillace Bone Impact/Graft Forceps

Designed by John J. Faillace, MD, FMAOS

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



#5011



Ortho Impactors



Universal Bone Grafting/Impacting Forceps

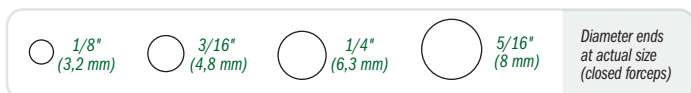
Designed by J. A. Amis, MD

Bone graft can be grasped, placed & impacted without changing hands or instruments – four end diameters are available in two lengths



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

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



Modular Impactor Set

Makes multiple impactor heads easily visible and available



Complete Set #5370
Also Available Individually

	Stainless Steel Impactor Sizes	Delrin Impactor Sizes
STEEL TIP		
Rectangular 11 x 4 mm 5370-01	11 x 4 mm	11 x 4 mm
Oval 13 x 8 mm 5370-02	13 x 8 mm	13 x 8 mm
Crescent 12 x 5 mm 5370-03	12 x 5 mm	12 x 5 mm
Square 9 x 9 mm 5370-04	9 x 9 mm	
Round 15 mm 5370-05	15 mm	
Round 12 mm 5370-06	12 mm	
Round 9 mm 5370-07	9 mm	

DELIN TIP
Rectangular 11 x 4 mm
5370-D1
Oval 13 x 8 mm
5370-D2
Crescent 12 x 5 mm
5370-D3

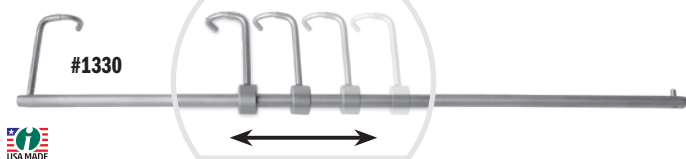
Modular Impactor Handle
#5370-H

Impactor Set Base
5370-19



Incision Aligner

Designed to align an incision during closing



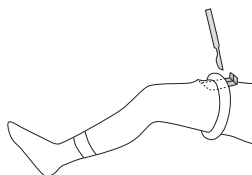
Dodson Extremity Skin Saver

Designed by Mark A. Dodson, MD

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



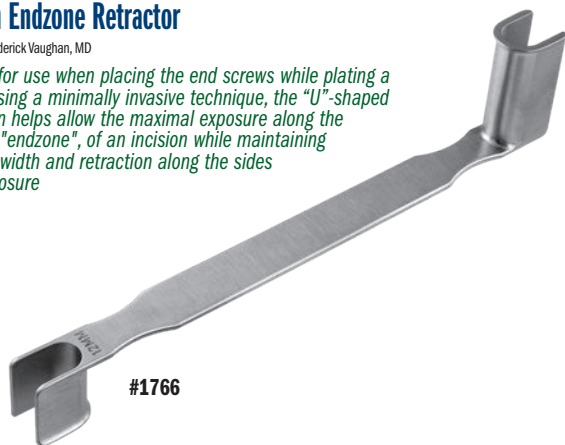
#8628



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



#1766

Mengato Depth Gauge

Designed by Richard Mengato, MD

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



#1139

US Patent # 8,512,349



See page 2 for Accuracy Statement for devices with a measuring function.

Depth Gauge

Designed for one-handed use — helps to provide measurement of the depth/length of any bone hole for proper screw length determination



#8015



See page 2 for Accuracy Statement for devices with a measuring function.

Dodson Adson Rongeur

Designed by Mark A. Dodson, MD

Designed to help remove tissue or bone in a small area — similar to an adson forcep but with a "biting" end



#1156

New!



#5040



Long Bonney Tissue Forceps

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

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

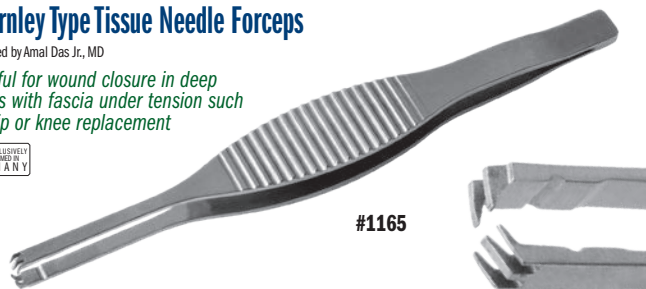


#1166

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

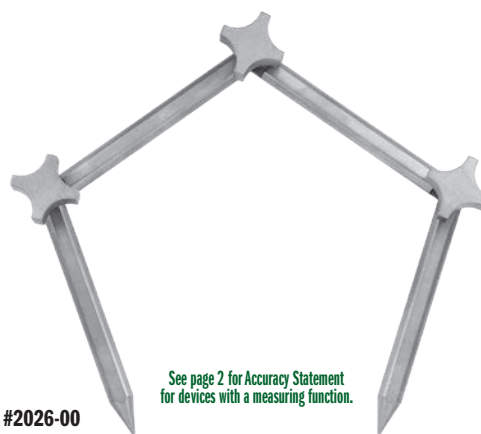


#1165

Articulated Measuring Device with Ruler

Designed by Vincent Y. Ng, MD

A highly precise (within 1 mm) device designed for measuring distances between two points — can be used even if there are intervening structures like soft tissue or bone, and in situations where a straight ruler will not work



#2026-00

See page 2 for Accuracy Statement for devices with a measuring function.



Long Jaw Needle Nose Pliers

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



#1833



#3078

Wilke Angled Blunt Nose Scissors

Designed by Benjamin K. Wilke, MD

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

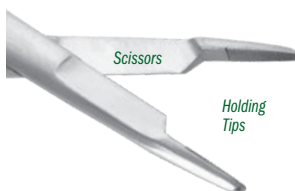
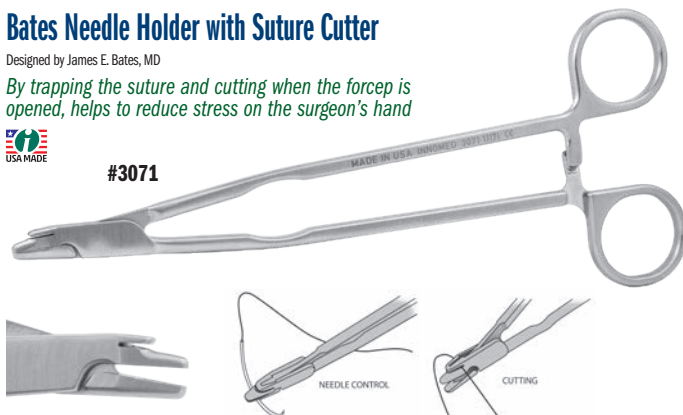
Bates Needle Holder with Suture Cutter

Designed by James E. Bates, MD

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



#3071



Scissors

Holding Tips

Orthopedic Needle Holder/Scissors

Drive a needle and cut a suture without changing instruments

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



7\" Tungsten Carbide Tip #3075

6.5\" Tungsten Carbide Tip #3065

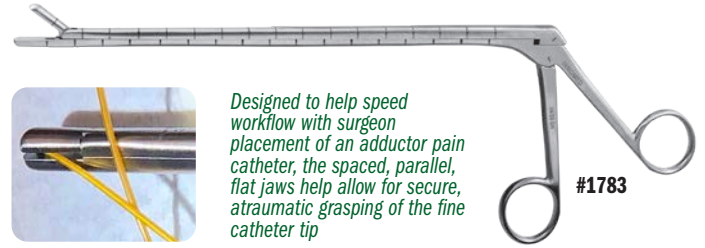
5.5\" Tungsten Carbide Tip #3055

7\" Standard #3070

Kopplin Pain Catheter Insertion Grasper

Designed by Matthew Kopplin, MD

Markings every 3 cm on shaft with a bold line at 12 cm for depth determination.



#1783

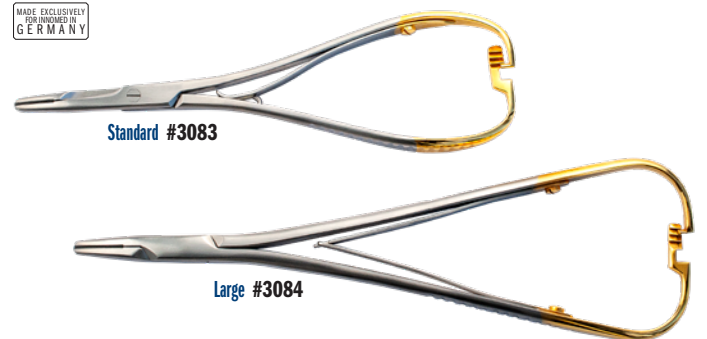
Designed to help speed workflow with surgeon pain catheter, the spaced, parallel, flat jaws help allow for secure, atraumatic grasping of the fine catheter tip

Rogozinski Locking Needle Driver/Scissors

Designed by Chaim Rogozinski, MD

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Standard #3083

Large #3084

Sweed Dissecting Scissors

Designed by Tamer Sweed, FRCS (Orth)

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

#3081



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



#2025

Delrin Insert Pliers

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

Replacement Part:

Delrin Jaw Insert #2025-03
Includes top and bottom delrin jaws, two screws and a hex wrench

Straight Suture Passer

Designed by Brian T. Maurer, MD

Designed to help pass suture through bone

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



#1111



Modified Lambotte Osteotomes

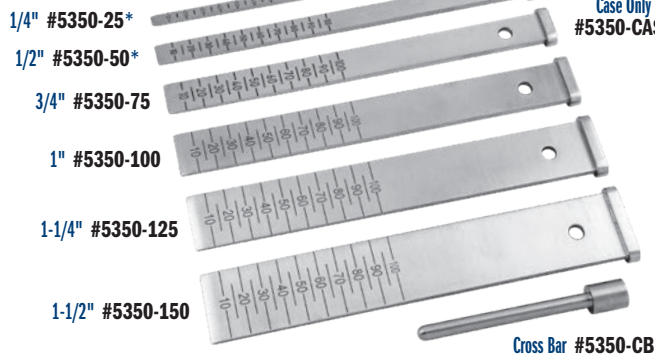
Designed with a striking platform, plus a cross-bar hole to help control rotational stability and assist with removal

Two smallest sizes have an 1/8" hole in which an 1/8" pin can be used as a cross bar (not included).

Set with Case #5350-00
Also Available Individually



Case Only
#5350-CASE



See page 2 for Accuracy Statement for devices with a measuring function.

Lambotte Osteotomes with Handle

Designed by John Cherf, MD. Half inch width version designed by Joel Wells, MD.

Handle allows for better control, reducing rotation during use



Mini-lexer Osteotomes

Helpful in osteophyte and cement removal



Mini-lexer Gouges

Can be used to remove bone from around screw heads or broken screws



Ring Curettes



Cobb Elevators

Two Sizes Available With or Without Teeth

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



Bradley Periosteal Elevator

Designed by Gary W. Bradley, MD

Periosteal Elevator

Designed with sharper sides for ease of elevating and stripping. The handle is designed for better control.



Gelbke Cobb Elevator with Suction

Designed by Martin K. Gelbke, MD



#3433



Designed to be used during exposure of the posterior spine, as well as for pelvic and acetabular trauma cases

Retractor Clip for Smoke Evacuation Tube

Designed by James Saucedo, MD

Repositionable stainless steel fastener designed to clip onto a retractor to help control the location of a smoke evacuation tube

Allows for use on a 1/8" thick material with allowance for a "spring" fit.



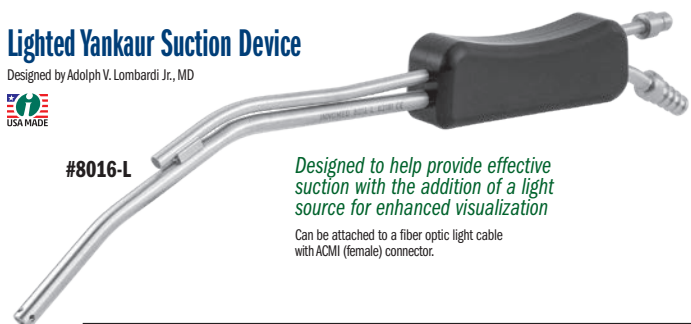
#5466

Lighted Yankaur Suction Device

Designed by Adolph V. Lombardi Jr., MD



#8016-L



Designed to help provide effective suction with the addition of a light source for enhanced visualization

Can be attached to a fiber optic light cable with ACMI (female) connector.

Becker Curette Suction Device

Designed by Clint Becker, MD

Designed to help visualization of a fracture site within a fracture hematoma, and is also useful for arthroscopic curettage of osteochondral lesions



#4231



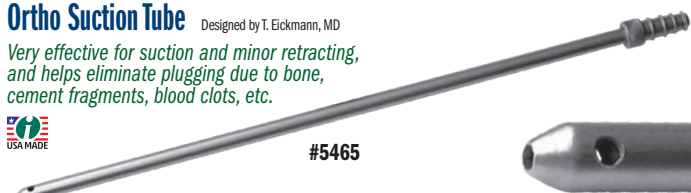
Ortho Suction Tube

Designed by T. Eickmann, MD

Very effective for suction and minor retracting, and helps eliminate plugging due to bone, cement fragments, blood clots, etc.



#5465



Cheng Biopsy Trephine System

Designed by Edward Cheng, MD

Cannulated T-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



Trephine Internal Diameters: 5 mm, 6.5 mm, 8 mm

Complete Set with Case #1425-00
Also Available Individually



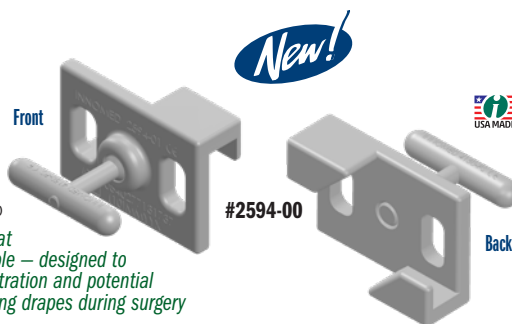
K-wire not included.



The GOAT Sterilizable Drape Clamp

Designed by William E. Nordt, III, MD

A sterilizable clamp that attaches to the OR table — designed to help eliminate the frustration and potential contamination of shifting drapes during surgery



#2594-00

Table Clamps

Designed to help clamp and hold a device to the table



#2595

For Use with these Innomed Positioning Devices:

- ▶ Stulberg Leg Positioner
- ▶ Stulberg Hip Positioner
- ▶ Auerbach Arm Holder Rake Retractor Set
- ▶ Freeman Arm Holder
- ▶ Kirschenbaum Foot Positioners
- ▶ Robb Leg Positioner
- ▶ Thornberry Large Patient Hip Positioner



#9120
#9120-EU*

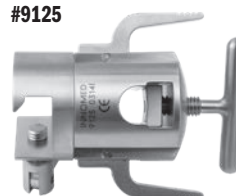
*9120-EU version fits European bed rails

For Use with these Innomed Positioning Devices:

- ▶ Capello Patient Positioner
- ▶ Direct Anterior Total Hip Arthroplasty Leg Positioner
- ▶ Durham Leg Positioner
- ▶ Leg Stabilizer
- ▶ Modified 90° Leg Stabilizer



#9125



Rotating Table Clamp

For Use with these Innomed Positioning Devices:

- ▶ Wixson Anterior Suspension Hook System
- ▶ Chandran Thigh Lift Positioner



#9121

Clark Style Table Clamp



New!

Unger Flexible Proxreamer System

Designed by Anthony Unger, MD

System designed to ream proximal femur bone to enlarge the canal in type Dorr A bone, featuring reamer bits that attach to a flexible reamer shaft with a Zimmer-Hall end



System with Case
#2627-00
Also Available Individually

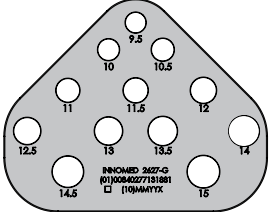
- ▶ For use in DAA Hip Surgery
- ▶ For use with a power reamer
- ▶ Cannulated for use with the included 2.5 mm guide wire with a 5 mm ball head



Flexible Proxreamer with Zimmer Hall End #2627-01
Two included in set; product number is for one only

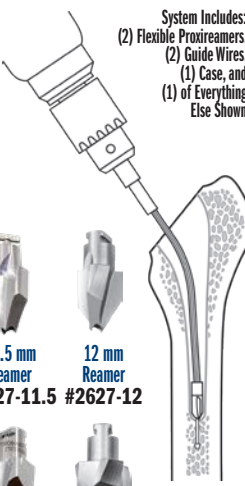


Guide Wire #2627-02
Two included in set; product number is for one only



Flexible Proxreamer Gauge #2627-G

System Includes:
(2) Flexible Proxreamers,
(2) Guide Wires,
(1) Case, and
(1) of Everything
Else Shown



 9.5 mm Reamer #2627-9.5	 10 mm Reamer #2627-10	 10.5 mm Reamer #2627-10.5	 11 mm Reamer #2627-11	 11.5 mm Reamer #2627-11.5	 12 mm Reamer #2627-12
 12.5 mm Reamer #2627-12.5	 13 mm Reamer #2627-13	 13.5 mm Reamer #2627-13.5	 14 mm Reamer #2627-14	 14.5 mm Reamer #2627-14.5	 15 mm Reamer #2627-15

Sterilizable Articulating Arm

Arm system designed for a wide variety of applications

- ▶ 10 kg holding force
- ▶ Central handle allows releasing of all joints
- ▶ Completely sterilizable

Retractor not included.

MADE FOR INNOMED IN GERMANY

#5468
Retractor not included.

New!

Central handle loosens and locks the two articulating intersections, allowing for adjustments when positioning a retractor.

Universal holder at the distal end of the holding arm attaches many retractors with a flat surface.

Clamp may be attached to rail over sterile drape. (Innomed Table Clamp #2595 sold separately)

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