INNOMED

INNOVATIONS
in Orthopedic Instruments

Hip: Primary & Revision

March 2016

Featuring many **New!** *instruments throughout*

Rivero Anti-Rotation Corkscrew Femoral Head Remover

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ISO 9001:2008 ▲ ISO 13485:2003

1.800.548.2362

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What's New In This Catalog?

a snapshot of all the *New!* instruments within

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Desai Surgical Funnel
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Heck Anterior Modular Hip Component Extractor with Strikeplate
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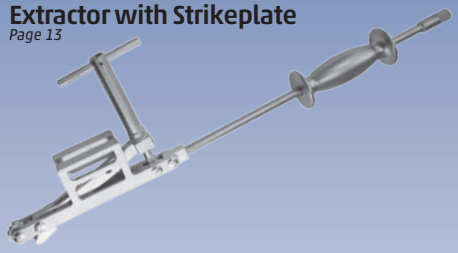

Llinas Leg Length & Lateral Offset Gauge
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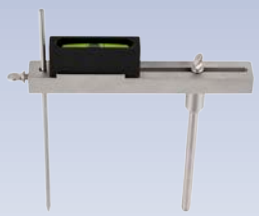

Llinas Vertical Offset Gauge
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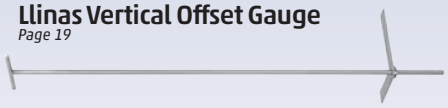

Powers Modified Kocher Clamp
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Powers Femoral Sounds
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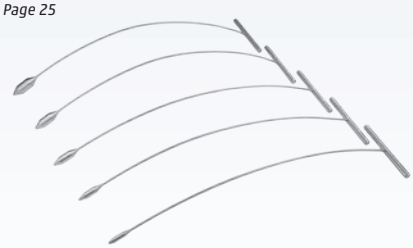

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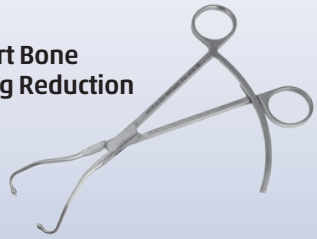

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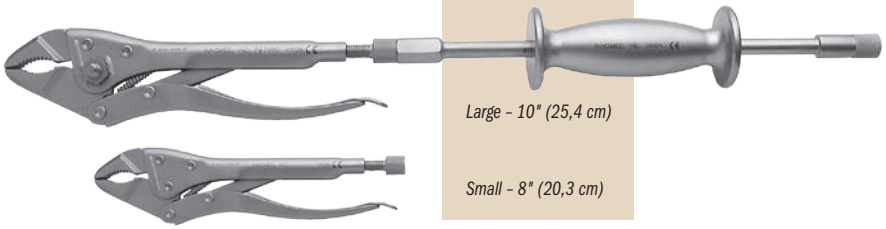
Standard



Large - 10" (25,4 cm)

Small - 8" (20,3 cm)

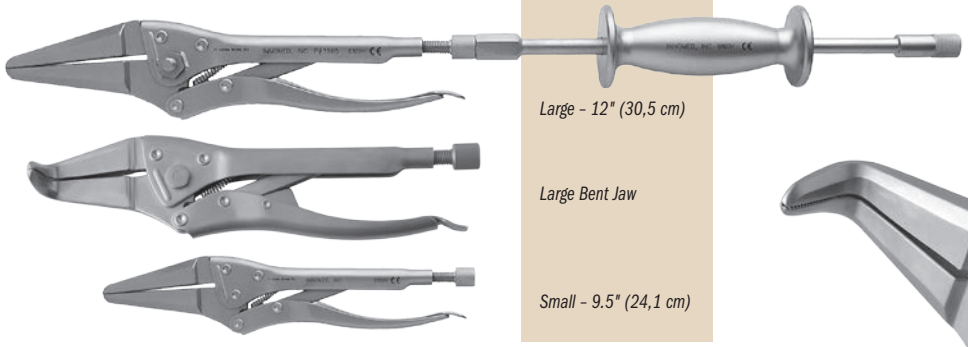
OrthoVise™

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

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

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

Long Nose



Large - 12" (30,5 cm)

Large Bent Jaw

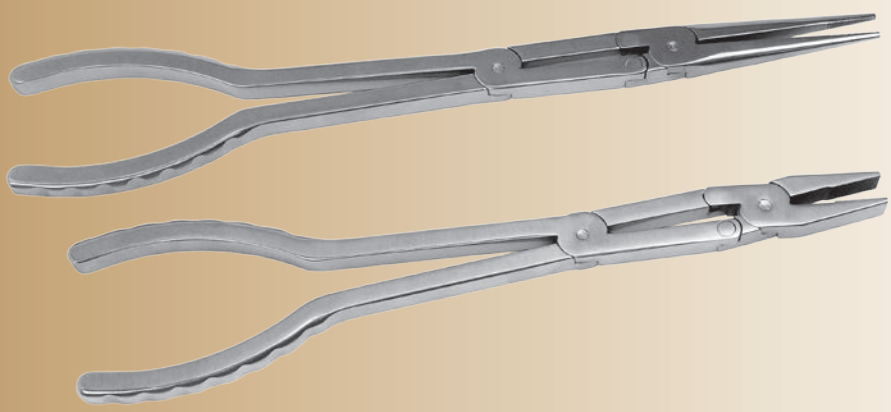
Small - 9.5" (24,1 cm)

PRODUCT NO'S:	
Standard	
3980	[Large] *Overall Length: 10" (25,4 cm) with Attachment Bolts with Large OrthoVise™ Slap Hammer (#3950)*
3980-01	[Large] *Overall Length: 10" (25,4 cm) with Attachment Bolts without Slap Hammer*
3981	[Large] *Overall Length: 10" (25,4 cm) without Attachment Bolts without Slap Hammer*
3985	[Small] *Overall Length: 8" (20,3 cm) without Attachment Bolt without Slap Hammer*
3985-01	[Small] *Overall Length: 8" (20,3 cm) with Attachment Bolt with Small OrthoVise™ Slap Hammer (#3955)*
3985-T	[Small] *Overall Length: 8" (20,3 cm) with Attachment Bolt without Slap Hammer*
Long Nose	
3965	[Large] *Overall Length: 12" (30,5 cm) with Attachment Bolts with Large OrthoVise™ Slap Hammer (#3950)*
3965-01	[Large] *Overall Length: 12" (30,5 cm) with Attachment Bolts without Slap Hammer*
3966	[Large Bent Jaw] *with Attachment Bolt with Standard Slap Hammer (#3925)*
3966-01	[Large Bent Jaw] *without Attachment Bolt without Slap Hammer*
3975	[Small] *Overall Length: 9.5" (24,1 cm) without Attachment Bolt without Large Slap Hammer*
3975-01	[Small] *Overall Length: 9.5" (24,1 cm) with Attachment Bolt with Small OrthoVise™ Slap Hammer (#3955)*
3975-T	[Small] *Overall Length: 9.5" (24,1 cm) with Attachment Bolt without Slap Hammer*
Threaded Adapters	
3980-02	[Small Adapter] *Changes Male End of a Slap Hammer to Female*
3980-03	[Threaded Adapting Screw – Large] *For use with 3965's, 3966's, 3980's, 3981*
3985-03	[Threaded Adapting Screw – Small] *For use with: 3975's, 3985's*
Slap Hammers	
3950	[Slap Hammer for Large OrthoVise] *For use with 3965's, 3980's, 3981*
3955	[Slap Hammer for Small OrthoVise] *For use with: 3975's, 3985's*
3925	[Standard Slap Hammer] *For use with: 3966's*

U.S. Patent #D398,208

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Extended Double Action Pliers



PRODUCT NO'S:	
3962	[Needle Nose] *Overall Length: 13" (32,8 cm) Jaw Length: 2.625" (6,7 cm) Jaw Width: 2.5 mm*
3961	[Blunt Nose] *Overall Length: 11.75" (29,8 cm) Jaw Length: 1.25" (3,2 cm) Jaw Width: 10 mm*

USA MADE

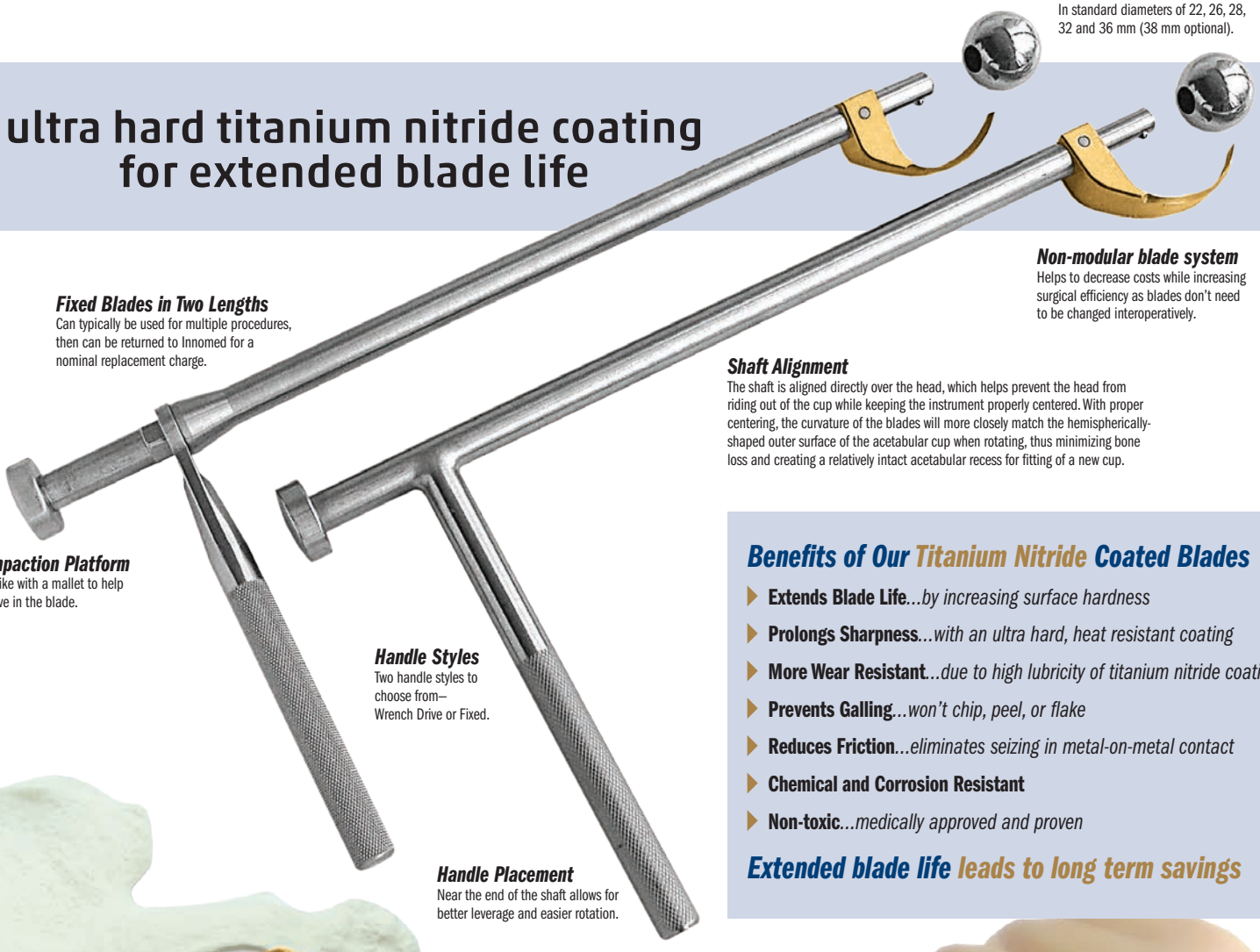
CupX®

acetabular cup extraction system

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

Non-modular blade system helps reduce both cost and surgical time, as blades don't need to be changed interoperatively

ultra hard titanium nitride coating for extended blade life



Stainless Steel Heads
In standard diameters of 22, 26, 28, 32 and 36 mm (38 mm optional).

Non-modular blade system
Helps to decrease costs while increasing surgical efficiency as blades don't need to be changed interoperatively.

Fixed Blades in Two Lengths
Can typically be used for multiple procedures, then can be returned to Innomed for a nominal replacement charge.

Shaft Alignment
The shaft is aligned directly over the head, which helps prevent the head from riding out of the cup while keeping the instrument properly centered. With proper centering, the curvature of the blades will more closely match the hemispherically-shaped outer surface of the acetabular cup when rotating, thus minimizing bone loss and creating a relatively intact acetabular recess for fitting of a new cup.

Impaction Platform
Strike with a mallet to help drive in the blade.

Handle Styles
Two handle styles to choose from—
Wrench Drive or Fixed.

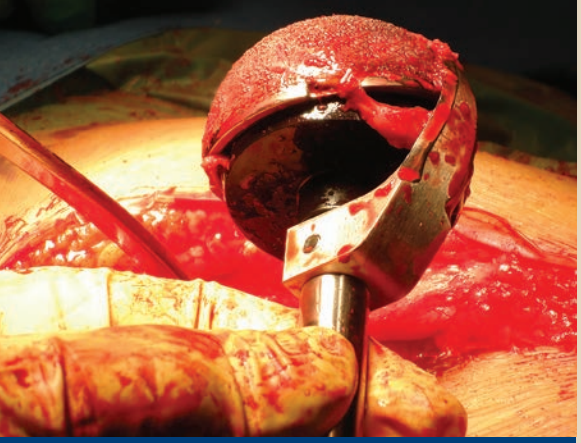
Handle Placement
Near the end of the shaft allows for better leverage and easier rotation.

Benefits of Our Titanium Nitride Coated Blades

- **Extends Blade Life**...*by increasing surface hardness*
- **Prolongs Sharpness**...*with an ultra hard, heat resistant coating*
- **More Wear Resistant**...*due to high lubricity of titanium nitride coating*
- **Prevents Galling**...*won't chip, peel, or flake*
- **Reduces Friction**...*eliminates seizing in metal-on-metal contact*
- **Chemical and Corrosion Resistant**
- **Non-toxic**...*medically approved and proven*

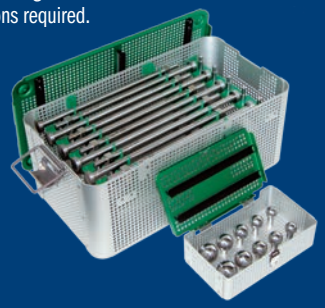
Extended blade life leads to long term savings

System Designed by James Kudrna, MD and Stephen Incavo, MD
Wrench Drive Handle Designed by Guido Grappiolo, MD
Delrin Heads Designed by Adolph Lombardi, MD



Fully Customizable Sets

Rent or purchase – configure with as few or as many options required.



*Optional Large Delrin Heads**

Designed to provide tight, secure surface contact when removing larger size acetabular cups, and can also be used if the cup liner of a standard size cup is worn and must be removed. Available in diameters from 39 to 60 mm in 1 mm increments.

*US Patent #7,998,146 B2

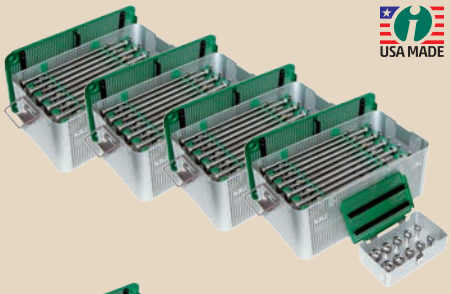
Optional Wrench Drive Handles

Works like a socket wrench, allowing improved torque without changing positions.

Instrument Exchange

Used Instruments can be returned for exchange at a nominal charge. Please call for details.

COMPLETE INSTRUMENT SET	
5200-00 5208-00	***Complete Set – Fixed Handle*** ***Complete Set – Wrench Handle***
	20 Starter & 20 Finish Instruments 3 each of 5 Head sizes *(22 mm–36 mm)* 5 cases — *4 for Instruments, 1 for Heads*



CUSTOM AND RANGED INSTRUMENT SETS	
5200-01 5208-01	***Choice of sizes – Fixed Handle*** ***Choice of Sizes – Wrench Handle***
	5 Starter and 5 Finish Instruments 2 each of 5 Head sizes *(22 mm–36 mm)* 2 cases — *1 for Instruments, 1 for Heads*
5200-02 5208-02	***42 mm–50 mm – Fixed Handle*** ***42 mm–50 mm – Wrench Handle***
	5 Starter and 5 Finish Instruments 2 each of 5 Head sizes *(22 mm–36 mm)* 2 cases — *1 for Instruments, 1 for Heads*
5200-03 5208-03	***52 mm–60 mm – Fixed Handle*** ***52 mm–60 mm – Wrench Handle***
	5 Starter and 5 Finish Instruments 2 each of 5 Head sizes *(22 mm–36 mm)* 2 cases — *1 for Instruments, 1 for Heads*
5200-04 5208-04	***62 mm–70 mm – Fixed Handle*** ***62 mm–70 mm – Wrench Handle***
	5 Starter and 5 Finish Instruments 2 each of 5 Head sizes *(22 mm–36 mm)* 2 cases — *1 for Instruments, 1 for Heads*
5200-05 5208-05	***72 mm–80 mm – Fixed Handle*** ***72 mm–80 mm – Wrench Handle***
	5 Starter and 5 Finish Instruments 2 each of 5 Head sizes *(22 mm–36 mm)* 2 cases — *1 for Instruments, 1 for Heads*

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.***

INDIVIDUAL *FIXED HANDLE* SHAFTS WITH FIXED BLADES				
New Instrument		*Exchange Instrument*		*Blade Arc Diameter*
Starter	*Finish*	*Starter*	*Finish*	
5200-42	5201-42	5205-42	5206-42	***42 mm***
5200-44	5201-44	5205-44	5206-44	***44 mm***
5200-46	5201-46	5205-46	5206-46	***46 mm***
5200-48	5201-48	5205-48	5206-48	***48 mm***
5200-50	5201-50	5205-50	5206-50	***50 mm***
5200-52	5201-52	5205-52	5206-52	***52 mm***
5200-54	5201-54	5205-54	5206-54	***54 mm***
5200-56	5201-56	5205-56	5206-56	***56 mm***
5200-58	5201-58	5205-58	5206-58	***58 mm***
5200-60	5201-60	5205-60	5206-60	***60 mm***
5200-62	5201-62	5205-62	5206-62	***62 mm***
5200-64	5201-64	5205-64	5206-64	***64 mm***
5200-66	5201-66	5205-66	5206-66	***66 mm***
5200-68	5201-68	5205-68	5206-68	***68 mm***
5200-70	5201-70	5205-70	5206-70	***70 mm***
5200-72	5201-72	5205-72	5206-72	***72 mm***
5200-74	5201-74	5205-74	5206-74	***74 mm***
5200-76	5201-76	5205-76	5206-76	***76 mm***
5200-78	5201-78	5205-78	5206-78	***78 mm***
5200-80	5201-80	5205-80	5206-80	***80 mm***

INDIVIDUAL *WRENCH HANDLE* SHAFTS WITH FIXED BLADES				
New Instrument		*Exchange Instrument*		*Blade Arc Diameter*
Starter	*Finish*	*Starter*	*Finish*	
5208-42	5209-42	5205W-42	5206W-42	***42 mm***
5208-44	5209-44	5205W-44	5206W-44	***44 mm***
5208-46	5209-46	5205W-46	5206W-46	***46 mm***
5208-48	5209-48	5205W-48	5206W-48	***48 mm***
5208-50	5209-50	5205W-50	5206W-50	***50 mm***
5208-52	5209-52	5205W-52	5206W-52	***52 mm***
5208-54	5209-54	5205W-54	5206W-54	***54 mm***
5208-56	5209-56	5205W-56	5206W-56	***56 mm***
5208-58	5209-58	5205W-58	5206W-58	***58 mm***
5208-60	5209-60	5205W-60	5206W-60	***60 mm***
5208-62	5209-62	5205W-62	5206W-62	***62 mm***
5208-64	5209-64	5205W-64	5206W-64	***64 mm***
5208-66	5209-66	5205W-66	5206W-66	***66 mm***
5208-68	5209-68	5205W-68	5206W-68	***68 mm***
5208-70	5209-70	5205W-70	5206W-70	***70 mm***
5208-72	5209-72	5205W-72	5206W-72	***72 mm***
5208-74	5209-74	5205W-74	5206W-74	***74 mm***
5208-76	5209-76	5205W-76	5206W-76	***76 mm***
5208-78	5209-78	5205W-78	5206W-78	***78 mm***
5208-80	5209-80	5205W-80	5206W-80	***80 mm***

INDIVIDUAL INTERCHANGEABLE DELRIN HEADS		US Patent #7,998,146 B2	
5202-00	***Complete Set with Case***		
5202-39	***39 mm***	5202-50	***50 mm***
5202-40	***40 mm***	5202-51	***51 mm***
5202-41	***41 mm***	5202-52	***52 mm***
5202-42	***42 mm***	5202-53	***53 mm***
5202-43	***43 mm***	5202-54	***54 mm***
5202-44	***44 mm***	5202-55	***55 mm***
5202-45	***45 mm***	5202-56	***56 mm***
5202-46	***46 mm***	5202-57	***57 mm***
5202-47	***47 mm***	5202-58	***58 mm***
5202-48	***48 mm***	5202-59	***59 mm***
5202-49	***49 mm***	5202-60	***60 mm***

INDIVIDUAL INTERCHANGEABLE STEEL HEADS	
5202-22	***22 mm***
5202-26	***26 mm***
5202-28	***28 mm***
5202-32	***32 mm***
5202-36	***36 mm***
Optional Size:	
5202-38	***38 mm***

Any component may be purchased individually

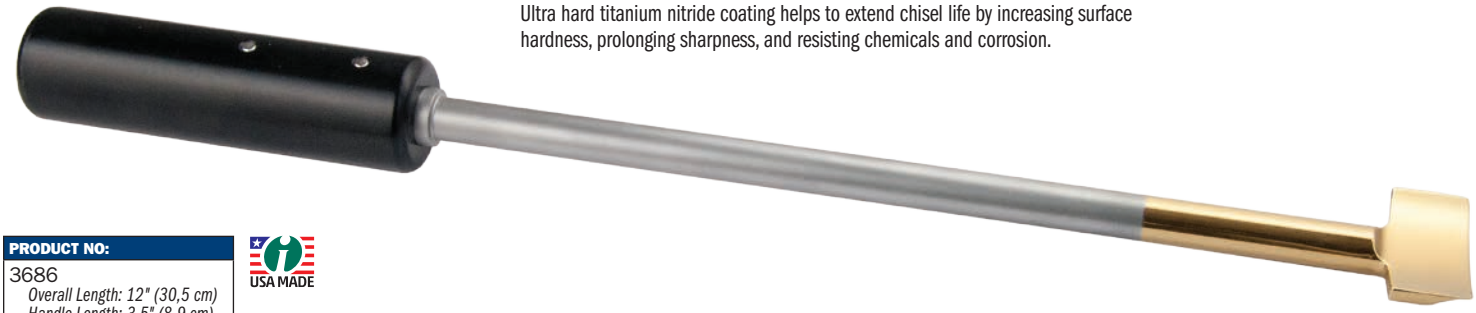
INSTRUMENT AND HEAD CASES ONLY	
9014	Case for 22 Delrin Heads
9015	Case for 5 Starter and 5 Finish Blades, plus 5 Heads
9016	Case for 10 Steel Heads

Kudrna Cup Channel Chisel

Designed by James C. Kudrna, MD

Designed to help break the bone-prosthetic interface of well-fixed non-cemented acetabular components being revised

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



PRODUCT NO:
3686 *Overall Length: 12" (30,5 cm)* *Handle Length: 3.5" (8,9 cm)* *Blade Width: 30 mm* *Blade Depth: 15 mm*

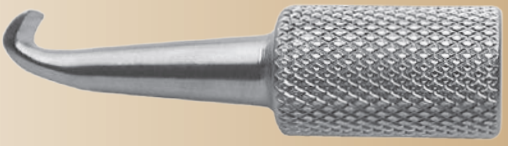
USA MADE

Gorski Hip Cup Extraction Hook

Designed by Jerrold Gorski, MD

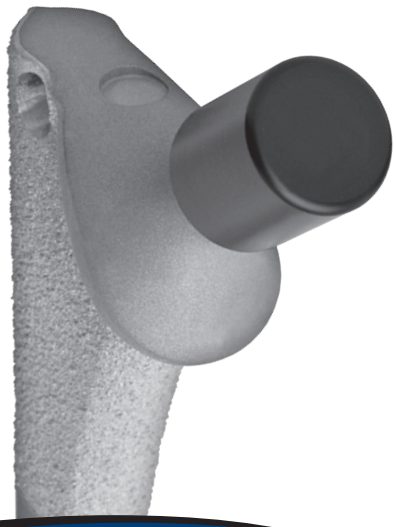
Designed to quickly fit into a screw hole of a hip cup after the screws have been removed and the cup loosened. The slap hammer helps to remove the cup in the angle it was inserted.

PRODUCT NO'S:
Hook for 6.5 mm Screw Holes
3660 [Hook w/Standard Slap Hammer]
3660-01 [Hook w/o Slap Hammer]
Hook for 5.0 mm Screw Holes
3665 [Hook w/Standard Slap Hammer]
3665-01 [Hook w/o Slap Hammer]
Optional:
3935 [XL Slap Hammer] *3/8"-16 Thread Gauge*



Helps in the removal of a hip cup

USA MADE



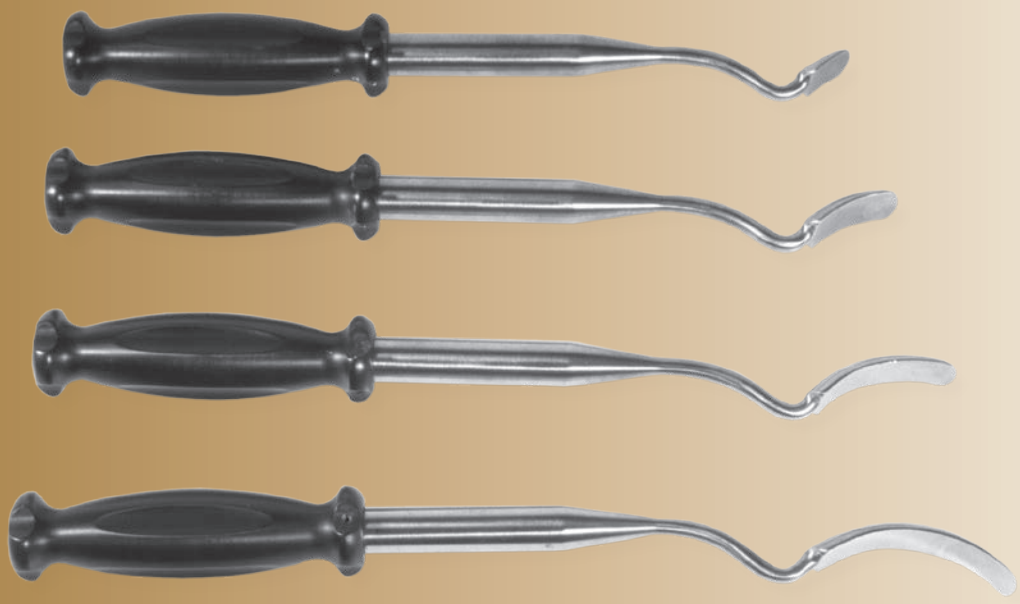
Kudrna Hip Stem Taper Protectors

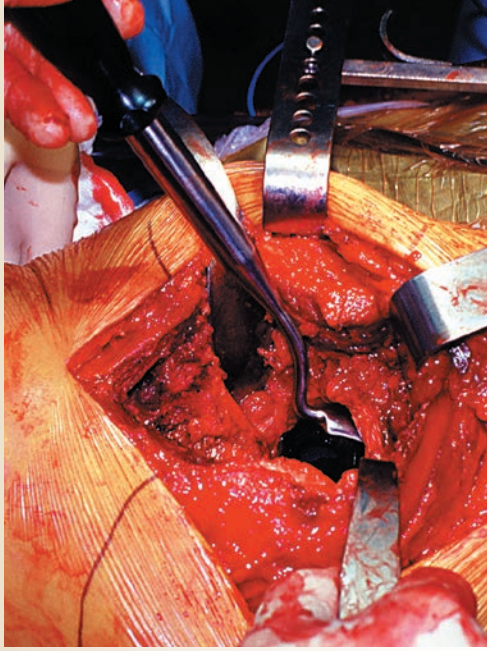
Designed by James Kudrna, MD

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

PRODUCT NO'S:
1151 [11/13]
1152 [12/14]
1153 [14/16]

USA MADE





Modified Smith-Petersen Style Osteotomes for Acetabular Cup Removal

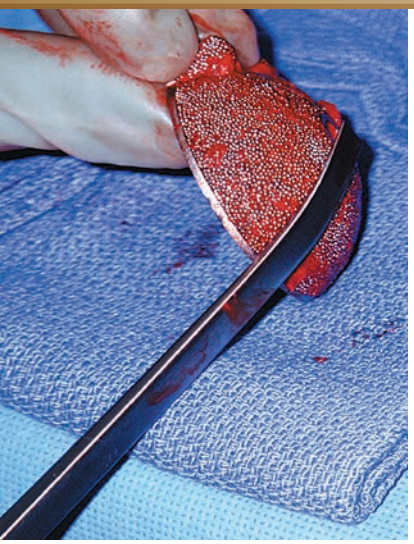
Designed by Merrill Ritter, MD

Multi-arch osteotomes help in removal of total hip cups

Four styles of osteotomes offer a selection for removal of total hip cups. The different curvatures help to fit next to a cups outer surface. The osteotomes have a handle for better control, plus a hammering platform end.

PRODUCT NO'S:	
5280-01 [Short] *Blade Dimensions: 20 mm x 20 mm* *Overall Length: 10.875" (27,6 cm)* *Handle Length: 5" (12,7 cm)*	5280-03 [Long] *Blade Dimensions: 20 mm x 50 mm* *Overall Length: 12.25" (31,1 cm)* *Handle Length: 5" (12,7 cm)*
5280-02 [Medium] *Blade Dimensions: 20 mm x 35 mm* *Overall Length: 11.675" (29,6 cm)* *Handle Length: 5" (12,7 cm)*	5280-04 [X-Long] *Blade Dimensions: 20 mm x 65 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 5" (12,7 cm)*

USA MADE



Modified Lambotte Cup Removal Osteotomes

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

Four osteotomes with different hemispherical radii allow the osteotomes to fit next to the outer surface of different size acetabular hip cups. The osteotomes have a handle for better control and a hammering platform.

PRODUCT NO'S:	
5240-44 *Blade Width: 44 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75"*	5240-52 *Blade Width: 52 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75"*
5240-48 *Blade Width: 48 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75"*	5240-56 *Blade Width: 56 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75"*

USA MADE

Whelan Curved Chisel Guide

Designed by E. J. Whelan, III, MD

New!

USA MADE

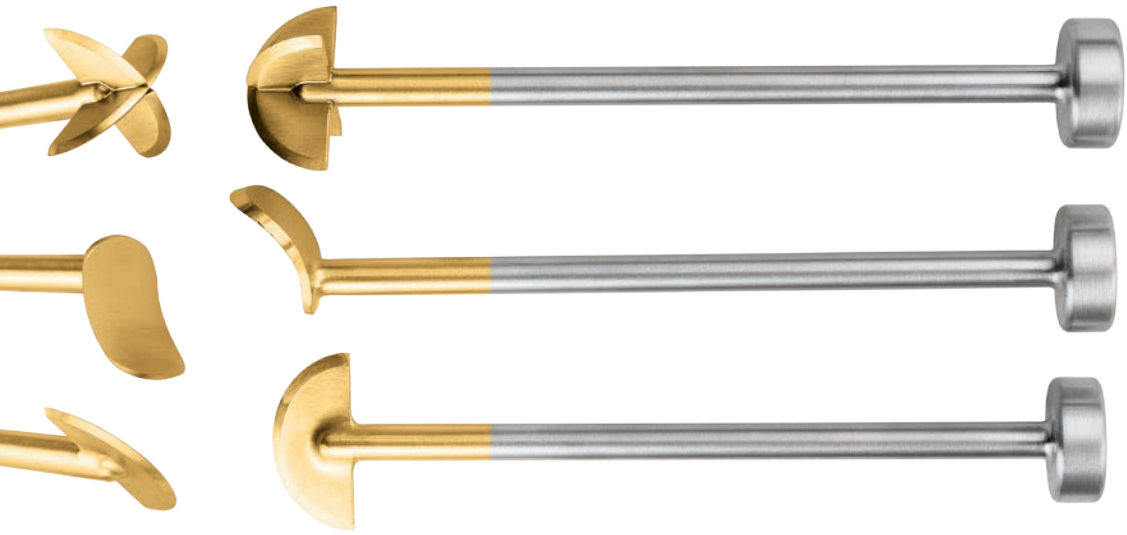
PRODUCT NO'S:
5302-00 [Complete Set]
Included In Set / Replacement Parts:
5302-01 [Guide Only] *Overall Length: 5" to 8.75" (12,7 cm to 22,2 cm)*
5302-02 [10 mm Curved Chisel Blade Only] *Overall Length: 4.25" (10,8 cm)* *Blade Thickness: .020" (.51 mm)*
3040 [Slap Hammer]
1025 [Sterilization Case]

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

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

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

Complete Set



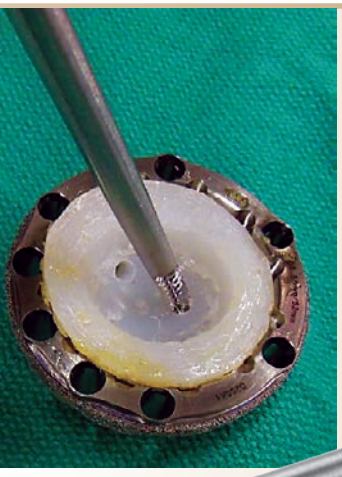
Cannestra Cup Liner Removal Osteotomes

Designed to help remove a well-fixed acetabular cup liner

PRODUCT NO'S:
4085-00 [Set of Three with Case]
Also Available Individually
4085-01 [Cross Blades] *Overall Length: 8.5" (21,6 cm)* *Blade Diameter: 1.65" (42 mm)*
4085-02 [Curved Lever] *Overall Length: 8.5" (21,6 cm)*
4085-03 [Single Blade] *Overall Length: 8.375" (21,3 cm)* *Blade Diameter: 1.65" (42 mm)*
1015 [Sterilization Case]

USA MADE

Designed by Vince Cannestra, MD



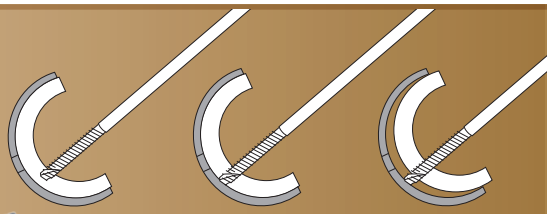
Poly Cup Liner Removal Drill

Designed by Keith R. Berend, MD

Threaded, aggressive, drill tipped tool designed to facilitate removal of an acetabular liner

PRODUCT NO:
4052 *Overall Length: 6" (15,2 cm)*

USA MADE



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.

Whelan Flexible Chisel Guide

Designed by E. J. Whelan, III, MD

USA MADE

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

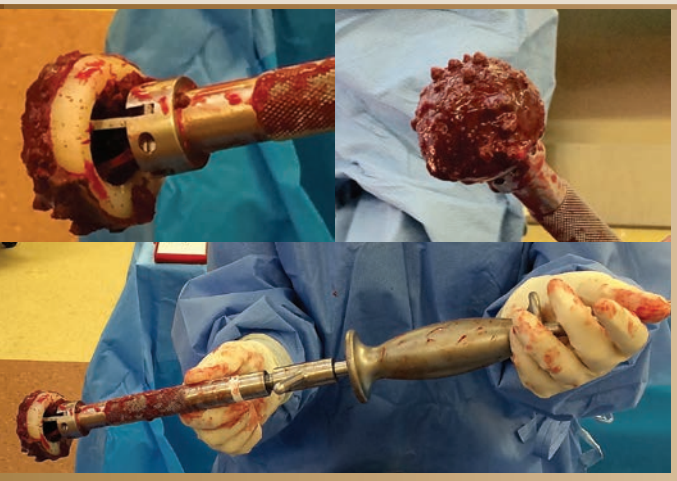
Designed to help stabilize a thin chisel blade until it's within the bone prosthesis interface

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

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

Complete Set

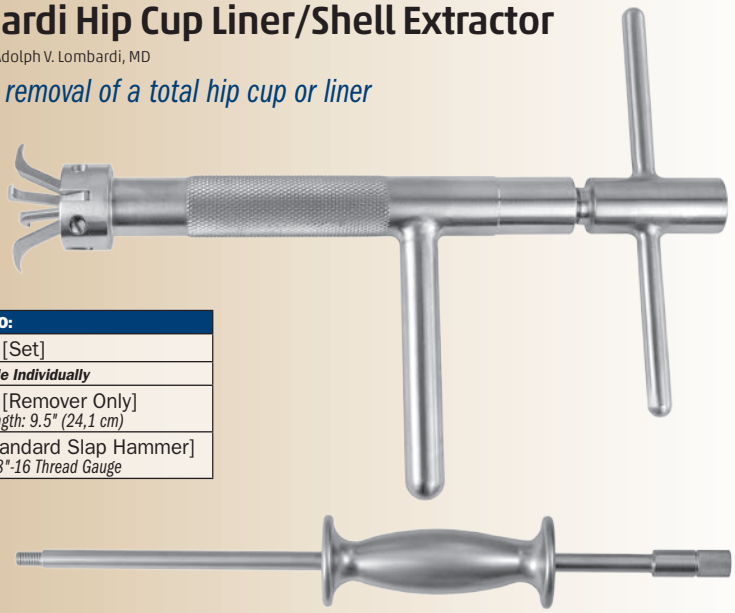
Two blades included in Set



Lombardi Hip Cup Liner/Shell Extractor

Designed by Adolph V. Lombardi, MD

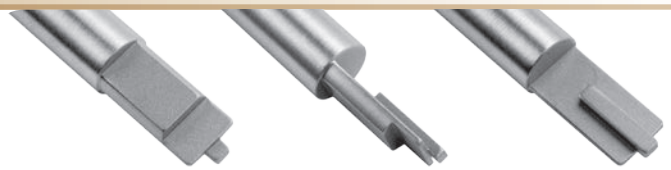
Used for removal of a total hip cup or liner



PRODUCT NO:
3638-00 [Set]
Also Available Individually
3638-01 [Remover Only] *Overall Length: 9.5" (24,1 cm)*
3925 [Standard Slap Hammer] *3/8"-16 Thread Gauge*

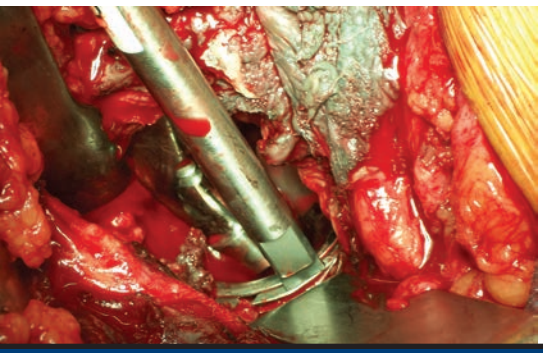
USA MADE

Expandable flanges are designed to bite into the polyethylene of a total hip cup. When the flanges have been expanded, a slap hammer is screwed into the extractor for removal. The extractor can also be used for removal of a metal hip cup shell if the shell has a groove around the rim for the flanges to lock into. Also very helpful for cemented cup extraction. Set includes standard slap hammer #3925.



Star Metal Cup Liner Removal Impactor

Designed by Andrew M. Star, MD

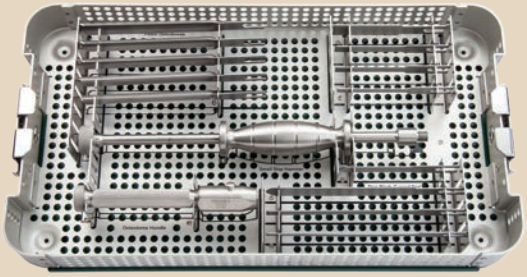


Designed to help disengage the rim of a metal cup for removal

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.

PRODUCT NO:
5014 *Overall Length: 8" (20,3 cm)*

USA MADE



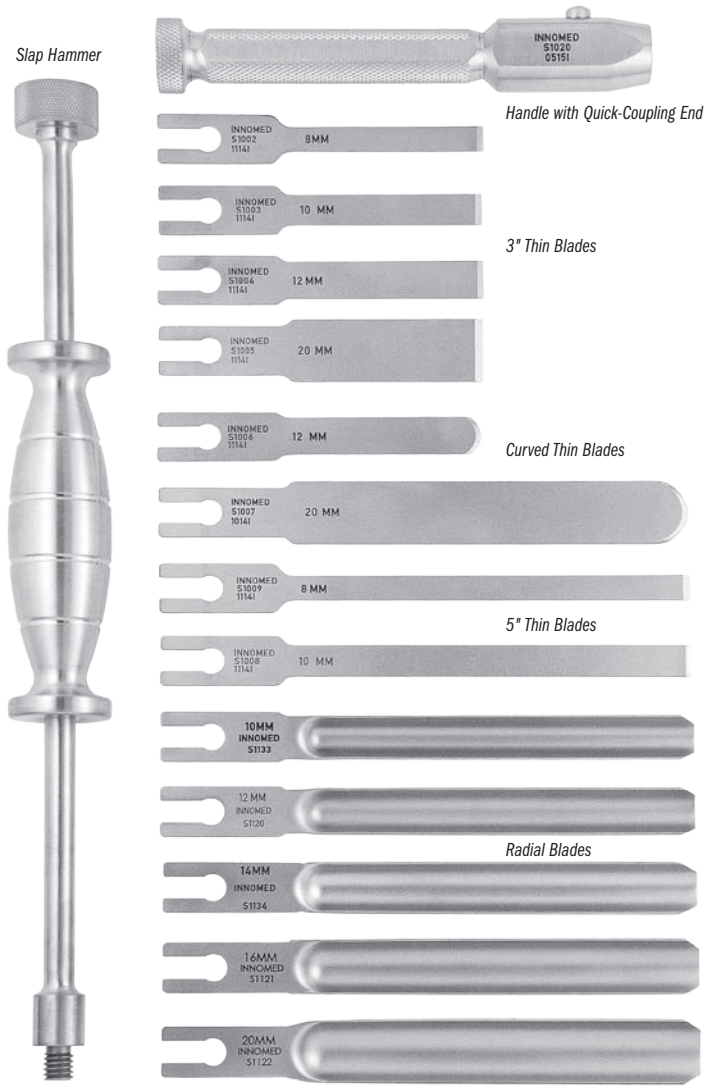
Flexible Osteotome System

Provides an assortment of osteotome blades for various orthopedic surgery procedures

- Sharp, flexible blades are well suited for loosening implants from cement or bony ingrowth fixation
- Various blade widths and profiles allow great flexibility to follow the implant contours
- Modular handles are made of high impact surgical stainless steel and have a quick-coupling positive locking mechanism for ease of use and quick blade changes
- Slap hammer threads into the handle and is designed to facilitate blade removal

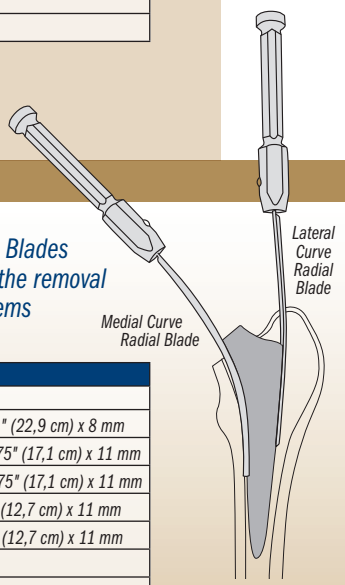
PRODUCT NO'S:
S0011-00 [Complete Set with Case]
Individual Instruments:
S1002 [Thin Osteotome Blade] *3" (7,6 cm) x 8 mm*
S1003 [Thin Osteotome Blade] *3" (7,6 cm) x 10 mm*
S1004 [Thin Osteotome Blade] *3" (7,6 cm) x 12 mm*
S1005 [Thin Osteotome Blade] *3" (7,6 cm) x 20 mm*
S1006 [Curved Thin Osteotome Blade] *3" (7,6 cm) x 12 mm*
S1007 [Curved Thin Osteotome Blade] *3" (7,6 cm) x 20 mm*
S1008 [Thin Osteotome Blade] *5" (12,7 cm) x 10 mm*
S1009 [Thin Osteotome Blade] *5" (12,7 cm) x 8 mm*
S1020 [Handle with Quick-Coupling End] *6" (15,2 cm)*
S1133 [Radial Osteotome] *5" (12,7 cm) x 10 mm*
S1120 [Radial Osteotome] *5" (12,7 cm) x 12 mm*
S1134 [Radial Osteotome] *5" (12,7 cm) x 14 mm*
S1121 [Radial Osteotome] *5" (12,7 cm) x 16 mm*
S1122 [Radial Osteotome] *5" (12,7 cm) x 20 mm*
S2007 [Slap Hammer] *12" (30,5 cm)*
9018 [Case]

USA MADE



Optional Blades

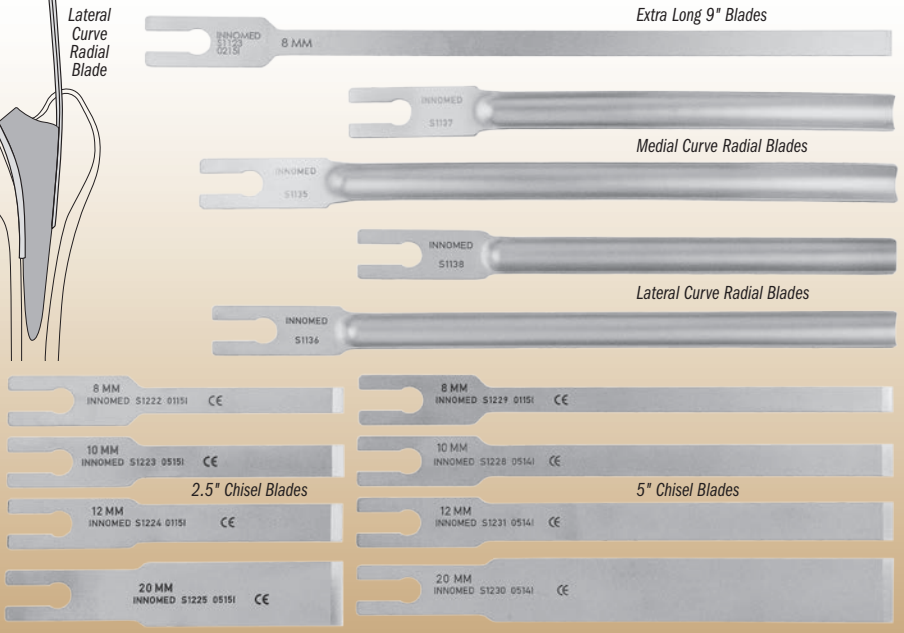
Curved Radial Blades are helpful in the removal of total hip stems

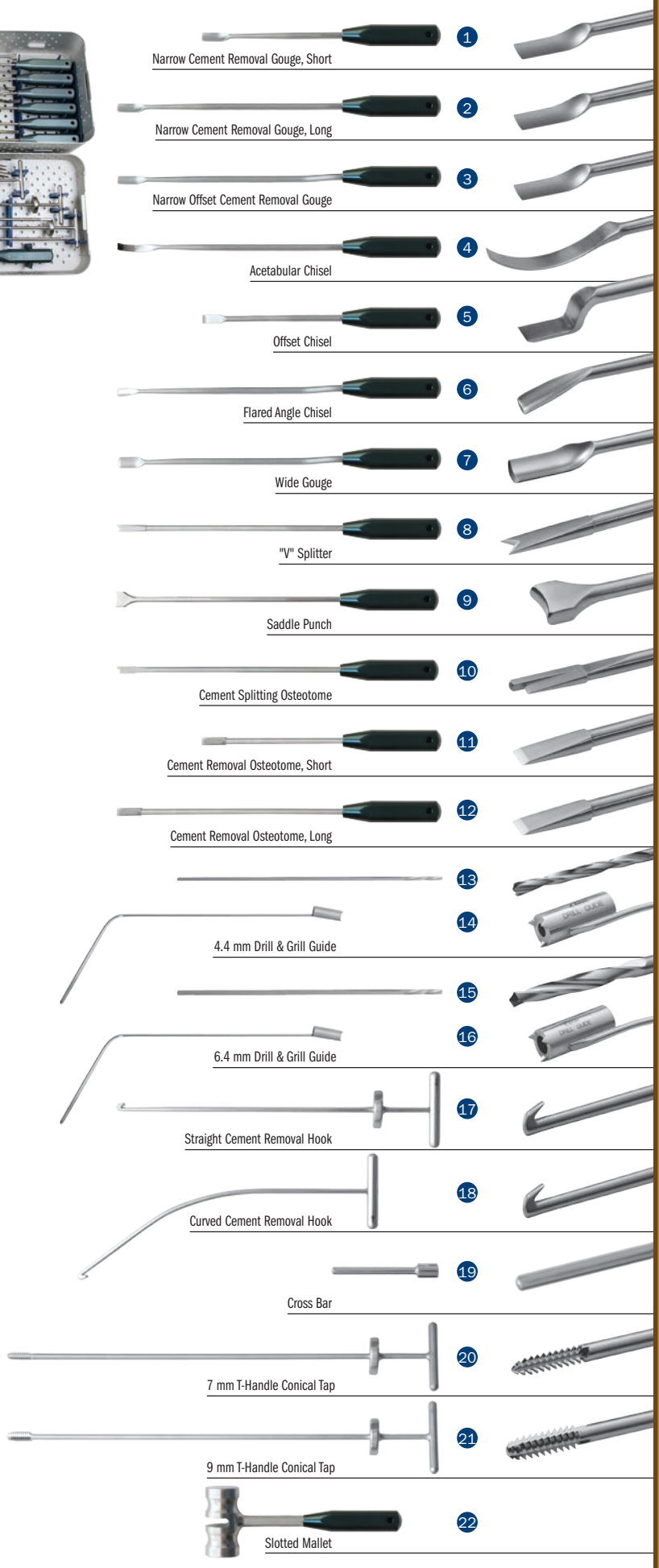


PRODUCT NO'S:
Optional Blades (Not Included In Complete Set)
S1123 [Extra Long Osteotome Blade] *9" (22,9 cm) x 8 mm*
S1135 [Radial Osteo. Medial Curve] *6.75" (17,1 cm) x 11 mm*
S1136 [Radial Osteo. Lateral Curve] *6.75" (17,1 cm) x 11 mm*
S1137 [Radial Osteo. Medial Curve] *5" (12,7 cm) x 11 mm*
S1138 [Radial Osteo. Lateral Curve] *5" (12,7 cm) x 11 mm*
S1222 [Chisel Blade] *2.5" (6,4 cm) x 8 mm*
S1223 [Chisel Blade] *2.5" (6,4 cm) x 10 mm*
S1224 [Chisel Blade] *2.5" (6,4 cm) x 12 mm*
S1225 [Chisel Blade] *2.5" (6,4 cm) x 20 mm*
S1228 [Chisel Blade] *5" (12,7 cm) x 10 mm*
S1229 [Chisel Blade] *5" (12,7 cm) x 8 mm*
S1230 [Chisel Blade] *5" (12,7 cm) x 20 mm*
S1231 [Chisel Blade] *5" (12,7 cm) x 12 mm*

USA MADE

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





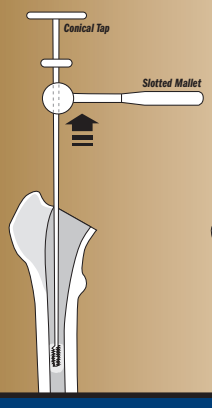
Mueller-Type Cement Removal Instruments

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

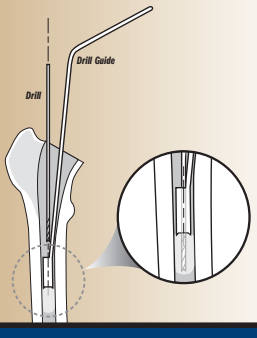
PRODUCT NO'S:		
S7500-00	[Complete Set with Case]	
Individual Instruments:		
S7505	[Narrow Cement Removal Gouge, Short] *Shaft Length: 10 cm* *Gouge: 9 mm, negative*	1
S7507	[Narrow Cement Removal Gouge, Long] *Shaft Length: 24 cm* *Gouge: 9 mm, negative*	2
S7510	[Narrow Offset Cement Removal Gouge] *Shaft Length: 24 cm* *Gouge: 9 mm, negative*	3
S7515	[Acetabular Chisel] *Shaft Length: 24 cm* *Chisel: 7.5 mm*	4
S7520	[Offset Chisel] *Shaft Length: 15 cm* *Chisel: 9 mm*	5
S7525	[Flared Angle Gouge] *Shaft Length: 24 cm* *Gouge: 9 mm, positive, angle 15° down*	6
S7530	[Wide Gouge] *Shaft Length: 24 cm* *Gouge: 11.5 mm, negative*	7
S7535	["V" Splitter] *V-Shaped Chisel: 7 mm*	8
S7587	[Saddle Punch] *Shaft Length: 24ccm* *Punch: 16.5 mm x 6.5 mm*	9
S7590	[Cement Splitting Osteotome] *Shaft Length: 24 cm*	10
S7595	[Cement Removal Osteotome, Short] *Shaft Length: 15 cm* *Osteotome: 8 mm*	11
S7597	[Cement Removal Osteotome, Long] *Shaft Length: 24 cm* *Osteotome: 8 mm*	12
S7540	[4.4 mm Drill]	13
S7545	[4.4 mm Drill Guide]	14
S7550	[6.4 mm Drill]	15
S7555	[6.4 mm Drill Guide]	16
S7560	[Straight Cement Removal Hook] *Hook Curette: 10 mm*	17
S7565	[Curved Cement Removal Hook] *Hook Curette: 10 mm*	18
S7570	[Cross Bar]	19
S7575	[7 mm T-Handle Conical Tap]	20
S7580	[9 mm T-Handle Conical Tap]	21
S7585	[Slotted Mallet]	22
9075	[Case Only]	

USA MADE

Conical Tap & Mallet



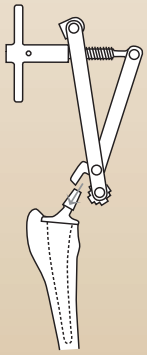
Drill & Grill Guide



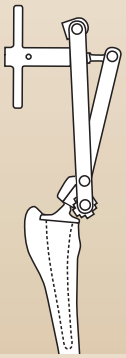
Universal Modular Femoral Hip Component Extractor

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

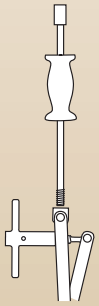
Designed to clamp onto the taper of a femoral hip stem after the modular head has been removed. The extractor is equipped with a swivel block for attachment of a slap hammer. The swivel block helps keep the slap hammer in line with the angle of the femoral stem. Includes standard slap hammer, #3925.



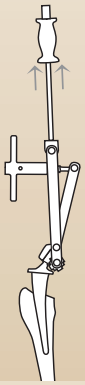
The extractor is opened to accommodate any size taper on a modular head total hip stem.



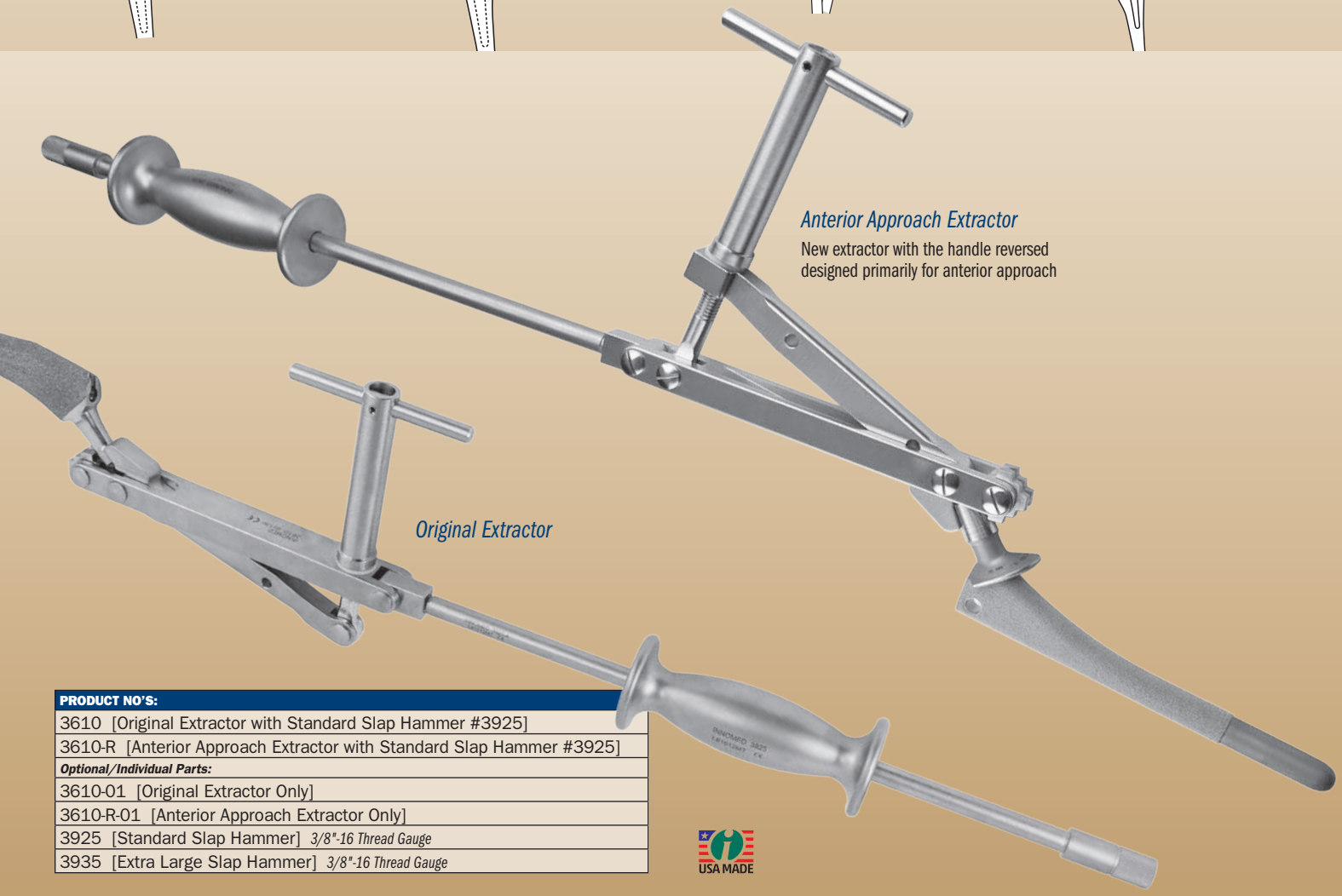
The taper is clamped between the rotating block and the taper anvil. Tightening the "T" handle holds a stem taper in place.



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



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



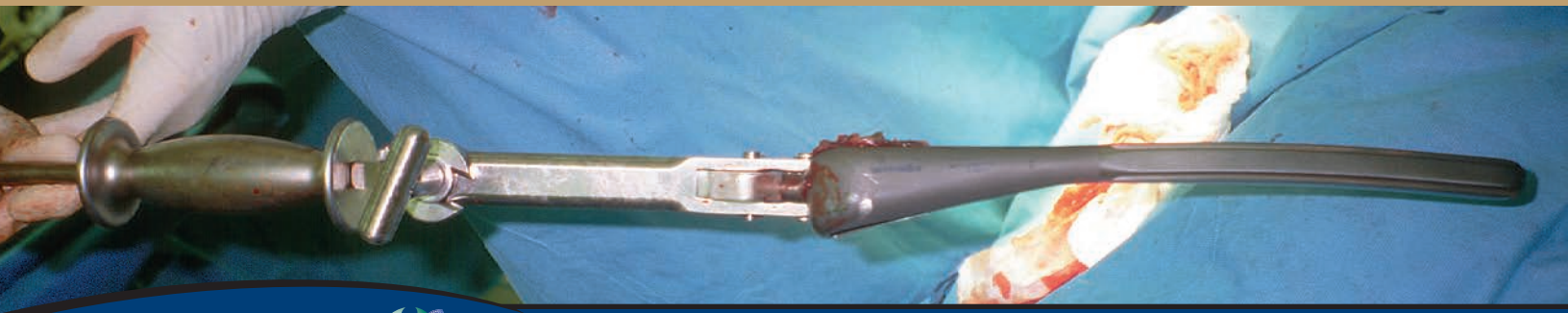
Anterior Approach Extractor

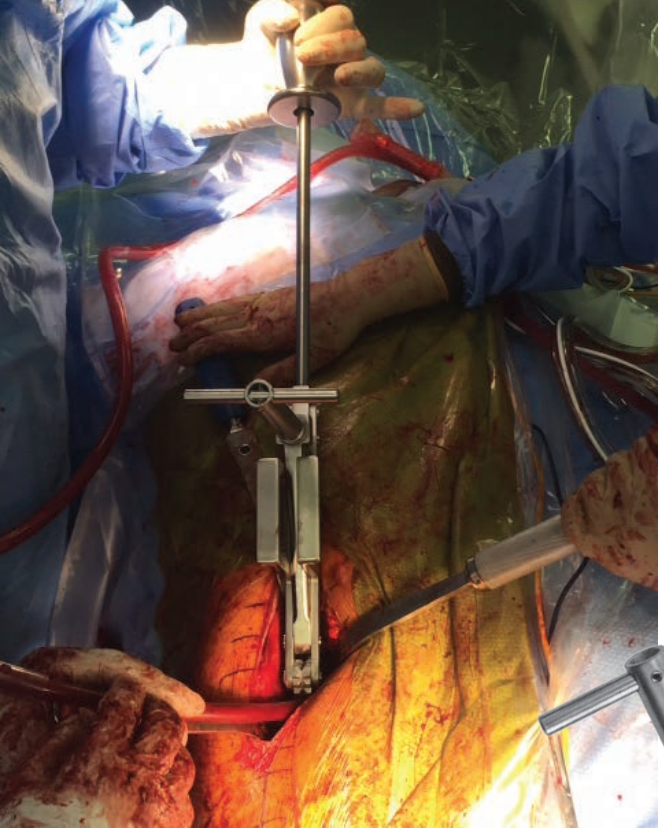
New extractor with the handle reversed designed primarily for anterior approach

Original Extractor

PRODUCT NO'S:
3610 [Original Extractor with Standard Slap Hammer #3925]
3610-R [Anterior Approach Extractor with Standard Slap Hammer #3925]
Optional/Individual Parts:
3610-01 [Original Extractor Only]
3610-R-01 [Anterior Approach Extractor Only]
3925 [Standard Slap Hammer] *3/8"-16 Thread Gauge*
3935 [Extra Large Slap Hammer] *3/8"-16 Thread Gauge*

USA MADE





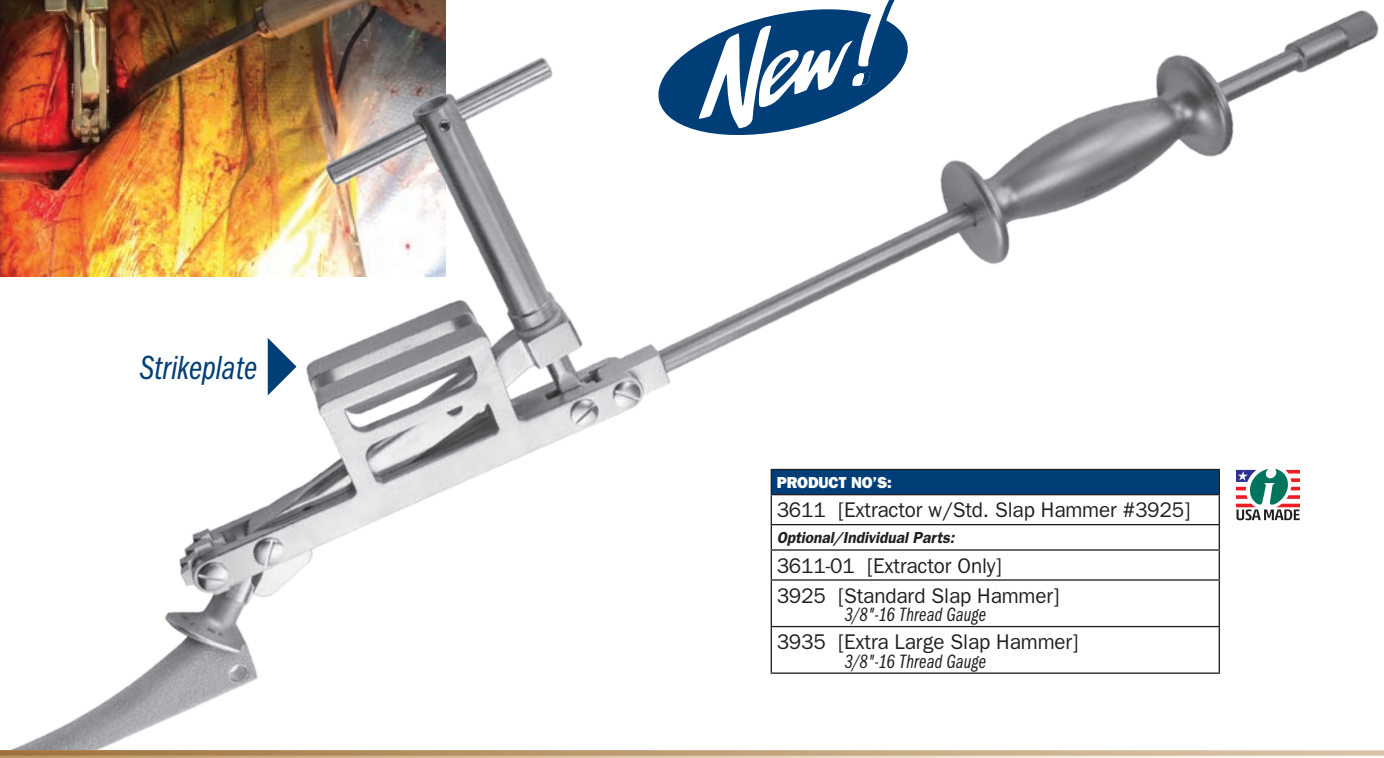
Heck Anterior Modular Hip Component Extractor with Strikeplate

Designed by David Heck, MD

Strikeplate provides additional help to remove a femoral hip stem

In this process of placing the extractor over the neck and tightening the locking screw, the upper flange surface of the strikeplate can be hit to help engagement. The inferior flange surface of the strikeplate can be hit in a vertical fashion when the femoral component is particularly well engaged. The extractor is equipped with a swivel block for attachment of a slap hammer. The swivel block helps keep the slap hammer in line with the angle of the femoral stem. Includes standard slap hammer, #3925.

New!



PRODUCT NO'S:
3611 [Extractor w/Std. Slap Hammer #3925]
Optional/Individual Parts:
3611-01 [Extractor Only]
3925 [Standard Slap Hammer] *3/8"-16 Thread Gauge*
3935 [Extra Large Slap Hammer] *3/8"-16 Thread Gauge*

USA MADE

Loop Extractor

J-Hook Extractor

One-Piece Extractor

Femoral Extraction Instruments

Designed to help remove various types of femoral implants

PRODUCT NO'S:
S1202 [Loop Extractor with Standard Slap Hammer]
S1202-01 [Loop Extractor Only] *Overall Length: 6.5" (16,5 cm)*
S1203 [J-Hook Stem Extractor with Standard Slap Hammer]
S1203-01 [J-Hook Stem Extractor Only] *Overall Length: 4.75" (12,1 cm)*
S1204 [One-Piece Stem Extractor with Standard Slap Hammer]
S1204-01 [One-Piece Stem Extractor Only] *Overall Length: 4.125" (10,5 cm)*
3925 [Standard Slap Hammer] *3/8"-16 Thread Gauge*
3935 [Extra Large Slap Hammer] *3/8"-16 Thread Gauge*

USA MADE

Whelan Hip Stem Extractor

Designed by E. J. Whelan, III, MD

Designed to lock onto and remove a femoral hip stem after the modular head has been removed

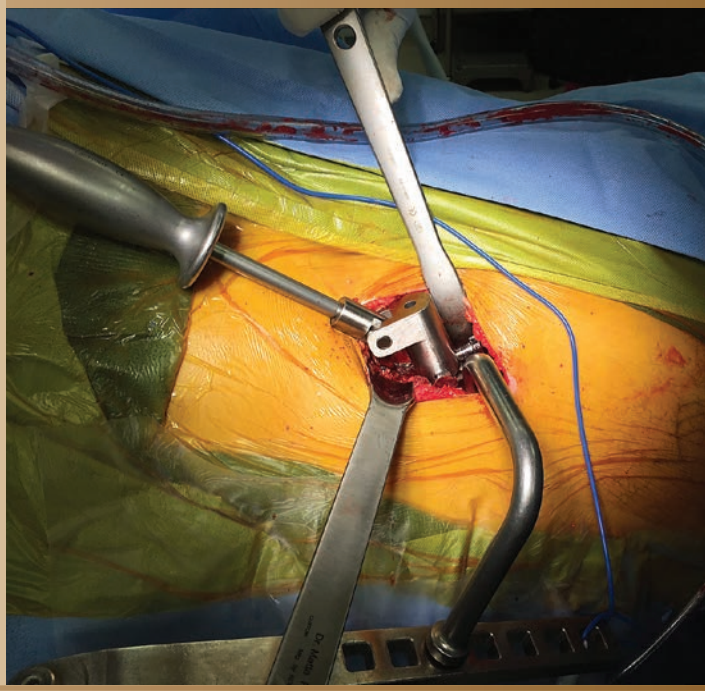
Extraction normally requires two bolts to be used to clamp onto, tighten, and extract the component. Four bolt holes, distributed evenly around the stem extractor, allow the surgeon to choose which holes will offer optimal access for placing and tightening the bolts.

PRODUCT NO'S:
4175-00 [Complete Set]
Individual/Replacement Parts:
4175-01 [Stem Extractor 13.5 mm]
4175-W [Stem Extractor Wrench]
4175-03 [Replacement Bolts] *Pair*
3925 [Standard Slap Hammer] *3/8"-16 Thread Gauge*

USA MADE

New!

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



Whelan Extractor Strike Plate Attachment

A slap hammer alternate for extraction help

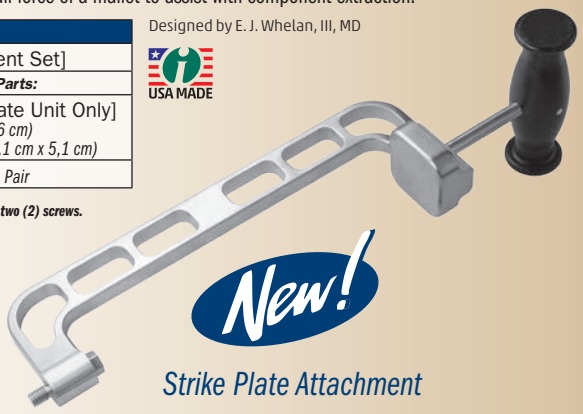
After attaching the unit to the extractor using the replaceable screw, the strike plate can be struck with the full force of a mallet to assist with component extraction.

PRODUCT NO'S:
3605-00 [Attachment Set]
Individual/Replacement Parts:
3605-01 [Strike Plate Unit Only] *Overall Length: 16" (40,6 cm)* *Platform Size: 2" x 2" (5,1 cm x 5,1 cm)*
3605-02 [Screws] *Pair*

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

Designed by E. J. Whelan, III, MD

USA MADE



New!

Strike Plate Attachment

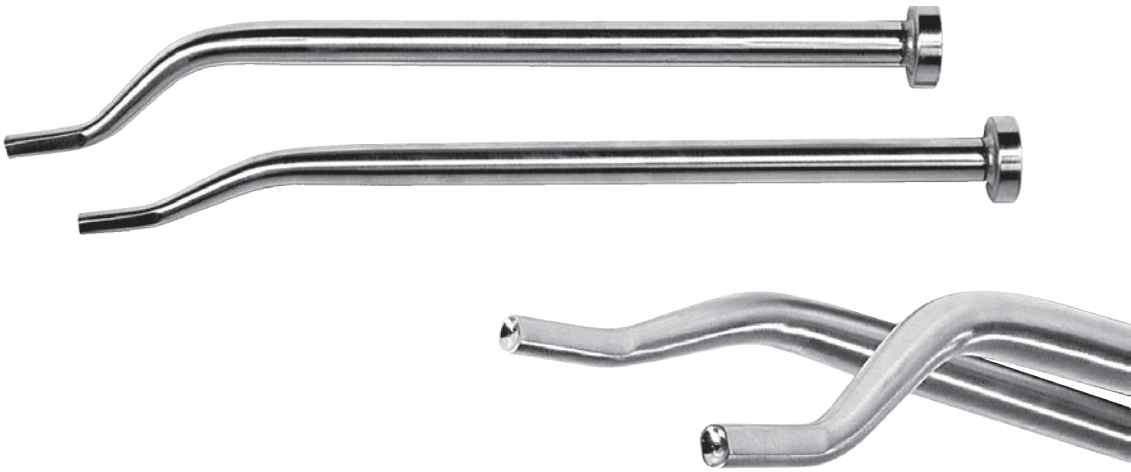
Offset Punches

Helps in the removal of hip stems

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.

PRODUCT NO'S:
5125-02 [Large Offset] *Overall Length: 11" (27,9 cm)* *Punch End Offset: 32 mm* *Punch End Diameter: 7 mm*
5125-01 [Small Offset] *Overall Length: 11" (27,9 cm)* *Punch End Offset: 13 mm* *Punch End Diameter: 7 mm*

USA MADE



Long Jaw Needle Nose Pliers

PRODUCT NO:
1833 *Overall Length: 7" (17,8 cm)* *Jaw Length: 2.25" (5,7 cm)* *Jaw Width Tapered from: 8 mm to 1.5 mm* *Jaw Height Tapered from: 12 mm to 2.5 mm*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Delrin Insert Pliers

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

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

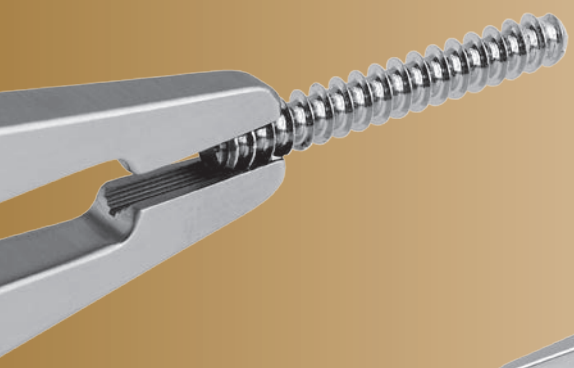
USA MADE

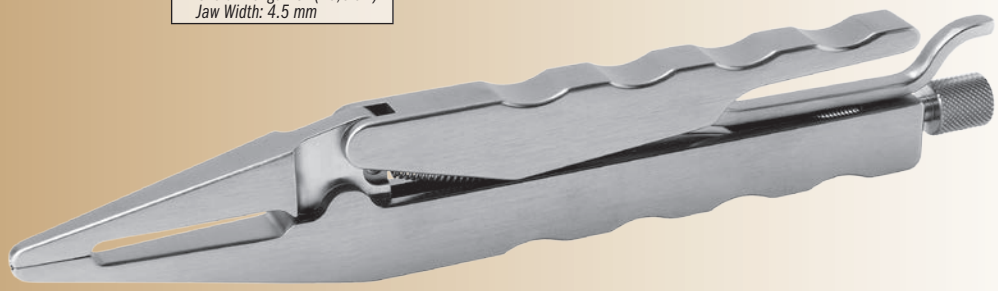
Screw/Pin Removal Locking Pliers

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

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

USA MADE





Screw Removal Pliers

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

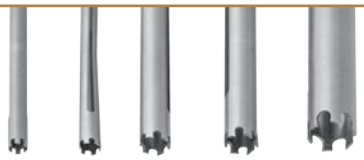
PRODUCT NO:
2020 *Overall Length: 8 (20,3 cm)*

USA MADE

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

USA MADE

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



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

Hex Drivers
Solid shaft in all standard hex sizes.

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

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

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

Cannulated Drive Extension
Used when a longer instrument shaft is desired.

Extractor Wrench

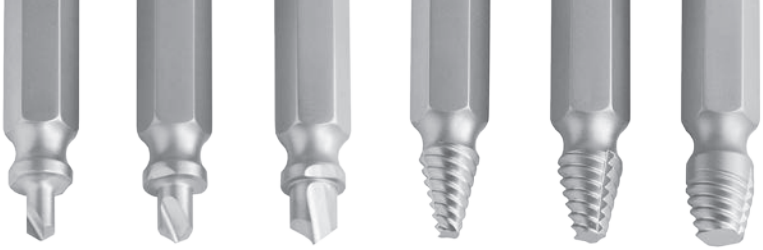
Universal Instrument Handle
The single handle allows the surgeon to decide which direction is most efficient and comfortable. The quick-connect release mechanism allows for quick interoperative exchange.

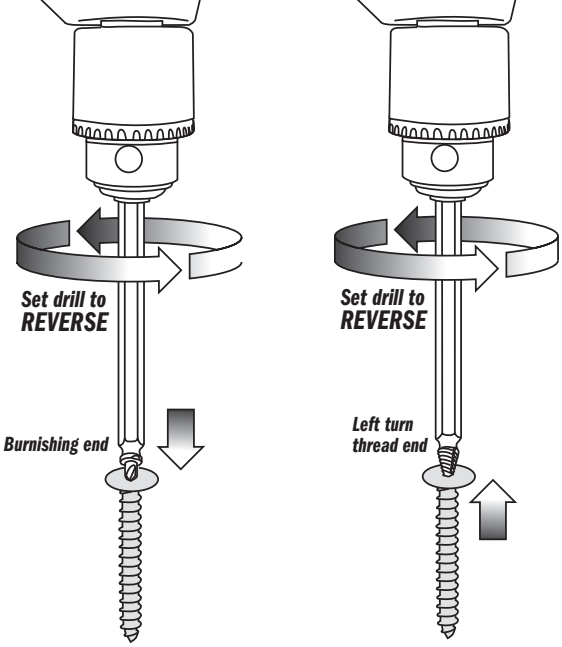
Pick
Used to remove fragments and bone or tissue from screw head.

Universal Screw Removal Instrument System

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

PRODUCT NO'S:
S0010-00 [Complete System with Case]
Individual/Replacement Parts
S0113 [Universal 4" (10,2 cm) Handle]
S0128 [1.5 mm Screw Extractor]
S0116 [2.5 mm Screw Extractor]
S0130 [3.5 mm Screw Extractor]
S0117 [1.5 mm Hex Driver]
S0114 [2.5 mm Hex Driver]
S0115 [3.5 mm Hex Driver]
S0132 [4.0 mm Hex Driver]
S0133 [5.0 mm Hex Driver]
S0136 [2.5 mm Cannulated Hex Driver]
S0137 [3.5 mm Cannulated Hex Driver]
S0138 [4.0 mm Cannulated Hex Driver]
S0139 [5.0 mm Cannulated Hex Driver]
S0118 [Large Cruciform Screwdriver]
S0119 [Small Cruciform Screwdriver]
S0141 [Mini Cruciform Screwdriver]
S0120 [Single Slot Screwdriver]
S0121 [2.2 mm Trephine]
S0122 [3.2 mm Trephine]
S0123 [4.2 mm Trephine]
S0124 [4.7 mm Trephine]
S0125 [7.2 mm Trephine]
S0127 [Universal Extractor – Shaft Only]
S0127-01 [Large Extraction Bolt Body]
S0127-03 [Small Extraction Bolt Body]
S0127-04 [Extractor Wrench]
S0129 [Pick]
S0140 [Cannulated Drive Extension]
9017 [Screw Removal Case Only] *Case Dimensions: 20" x 9.25" (50,8 cm x 23,5 cm)*





Screw Extractor Set

Designed to help remove screws with stripped or damaged heads

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

USA MADE

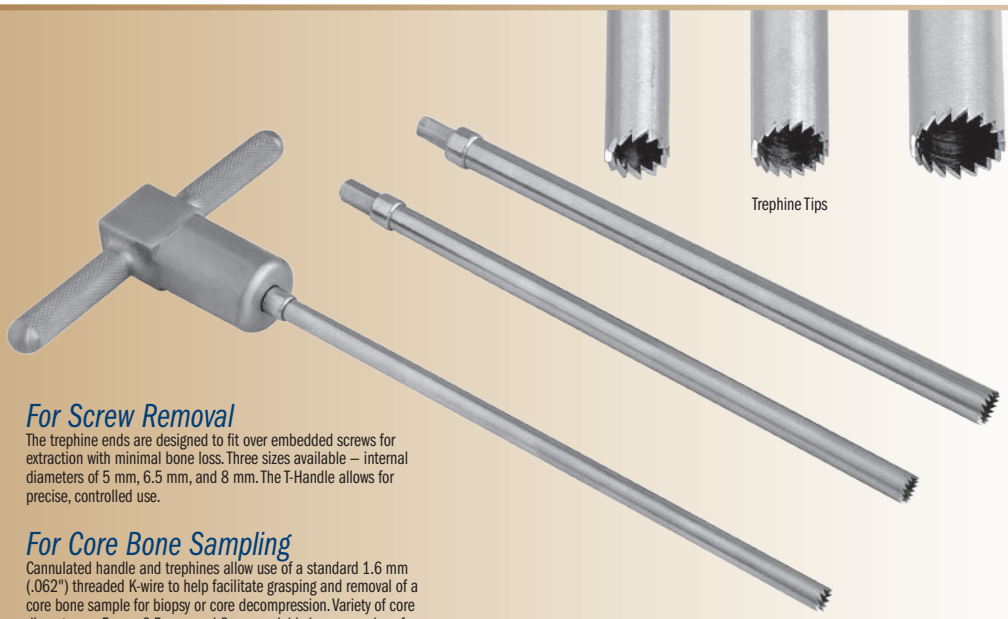
- Extractors must be used with drill in reverse.
- Screw head is reamed with burnishing end, and is then removed with the left turn thread end.
- Care must be taken to burnish no more than 1/16" (1.6 mm) deep, as burnishing too deep can weaken the screw head.

Cheng Screw Removal and Bone Trephine Set

Designed by Edward Cheng, MD

USA MADE

PRODUCT NO'S:
1426-00 [Complete Set with Case]
Includes:
1426-01 [Small Trephine] *5 mm Internal Diameter* *Overall Length: 7.125" (18,1 cm)*
1426-02 [Medium Trephine] *6.5 mm Internal Diam.* *Overall Length: 7.125" (18,1 cm)*
1426-03 [Large Trephine] *8 mm Internal Diameter* *Overall Length: 7.125" (18,1 cm)*
1426-04 [Handle Assembly] *Dimensions: 4" x 2" (10,2 cm x 5,1 cm)*
1025 [Sterilization Case]
Replacement Part:
1425-14-B-COMP [Handle Retaining Screw]



For Screw Removal

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

For Core Bone Sampling

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

Craig-Type Extractor Set

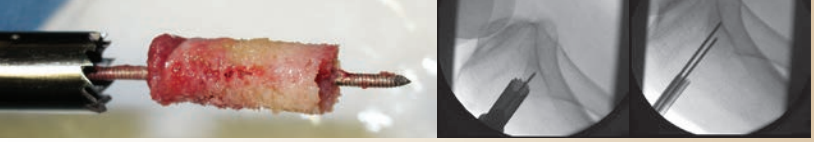
Designed to firmly tighten circumferentially around a wire, pin, broken screw, etc. for removal – especially helpful for the removal of threaded pins

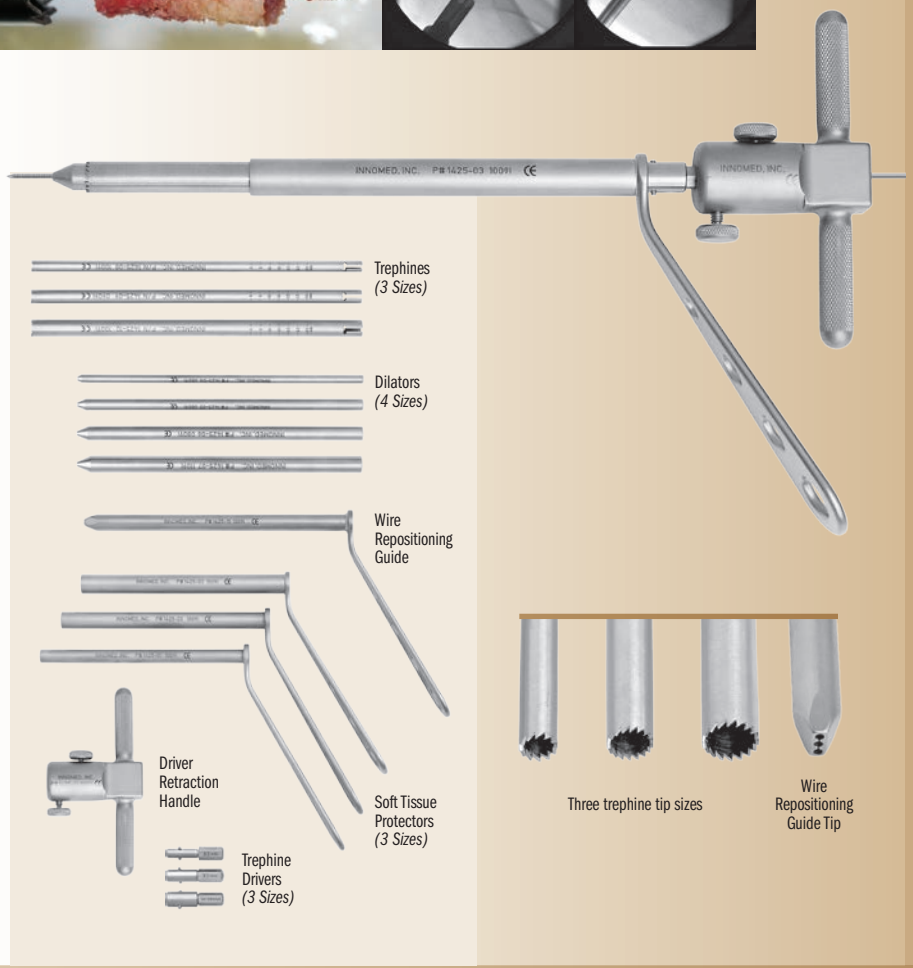
- Removes pins & screws up to 5 mm (.2") diameter and wires as small as .8 mm (1/32") diameter
- Two cross-handle insert rods give strong leverage for locking the collet securely onto the pin
- Five interchangeable collets for various grasping capacities
- Slap hammer included

PRODUCT NO:
1215-00 ***Includes Sterilization Case***

USA MADE

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





Cheng Biopsy Trephine System

Designed by Edward Cheng, MD

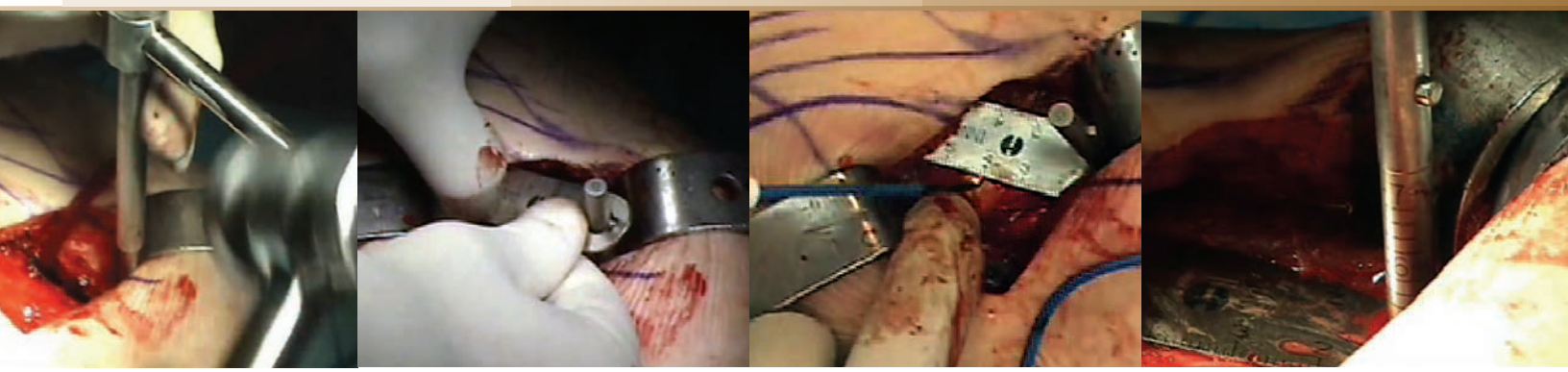
Using a threaded K-wire facilitates grasping and removal of a core bone sample for biopsy or core decompression

Designed for use with a standard 1.6 mm (.062") threaded K-wire (not included).

- Allows use of trephine at oblique angles to bone surface by using an anchoring K-wire and cannulated trephine
- Avoids "skipping" of trephine teeth on bone surface
- Facilitates optimal approach angle and direction of trephine
- Variety of core diameters yields bone samples of sufficient size for pathology
- Adapters allow for use of a power drill
- Minimally invasive – soft tissue sleeve protects surrounding structures and tissue
- Can also be used for bone graft harvesting
- Repositioning guide allows easy adjustment of targeting K-wire

PRODUCT NO:
1425-00 [Complete Set] *Trephine Internal Diameters: 5 mm, 6,5 mm, 8 mm*

USA MADE



Cannestra Hip Length Gauge

Designed by Vince Cannestra, MD

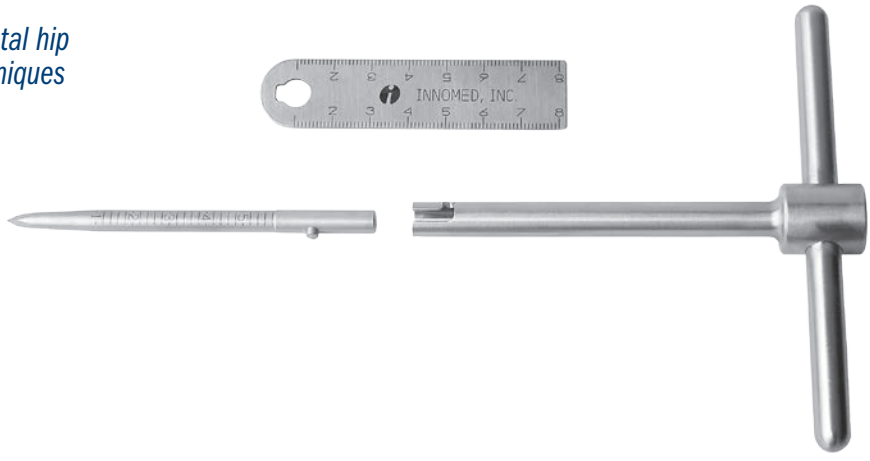
Helps determine leg length and hip offset in total hip arthroplasty, including minimally invasive techniques

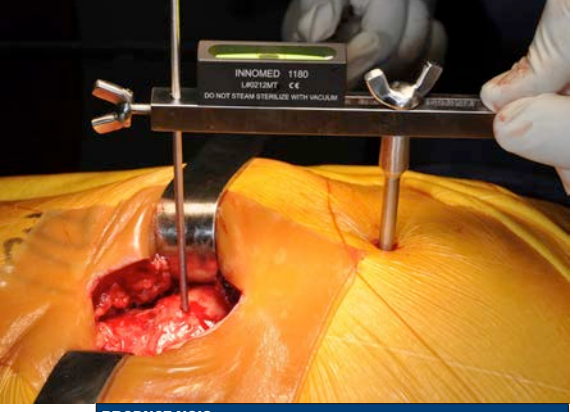
Set consists of one Ruler, one Pin Inserter/Extractor Handle, one 100 mm Pin, one 130 mm Pin, and a sterilization case.

PRODUCT NO'S:
1327-00 [Set]
Replacement Parts:
1327-01 [Pin – 100 mm]
1327-02 [T-Handle] *Dimensions: 8" x 5" (20,3 cm x 12,7 cm)*
1327-03 [Ruler]
1327-04 [Pin – 130 mm]
1025 [Sterilization Case]

A detailed instruction brochure is available on our website.

USA MADE





New!

Llinas Leg Length & Lateral Offset Gauge

Designed by Adolfo Llinás, MD

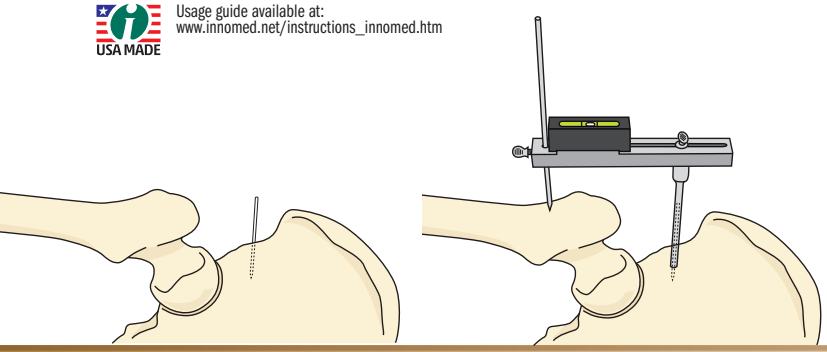
Designed to help equalize the pre- and post-operative leg length/lateral hip offset

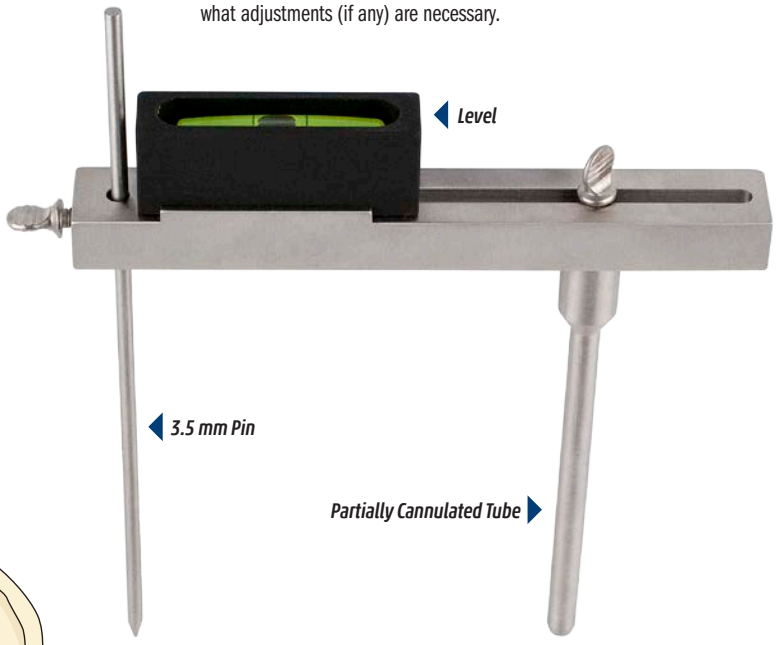
Used intra-operatively to establish measurements of both leg length and lateral hip offset. The measurements can then be used for verification, after femoral stem and head implantation but before final fixation, to help determine what adjustments (if any) are necessary.

PRODUCT NO'S:
1133-00 [Set]
Set Includes:
1133-01 [Llinas Length and Lateral Offset Gauge] *Slider Bar Length: 5" (12,7 cm)* *Cannulated Tube Length: 3.95" (10 cm)*
1180 [Sterilizable Level] *Dimensions: 2" x .5" x .75" (5,1 cm x 1,3 cm x 1,9 cm)*
1025 [Sterilizable Case]
Other Individual/Replacement Parts:
1133-01-B [Partially Cannulated Tube]
1133-01-C [Standard 3.5 mm Measuring Pin]

USA MADE

Usage guide available at:
www.innomed.net/instructions_innomed.htm





New!

Llinas Vertical Offset Gauge

Designed by Adolfo Llinás, MD

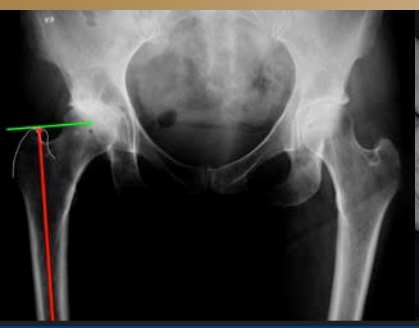
Designed to help equalize the pre- and post-operative vertical hip offset

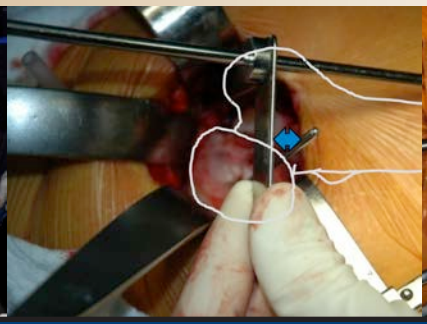
Used intra-operatively to help determine the vertical distance of offset (if any) between the rotational center of the femoral head and the top of the greater trochanter. The measurement can then be used for verification, after femoral stem and head implantation but before final fixation, to help determine what adjustments (if any) are necessary to equalize the pre- and post-operative rotational center-trochanteric offset.

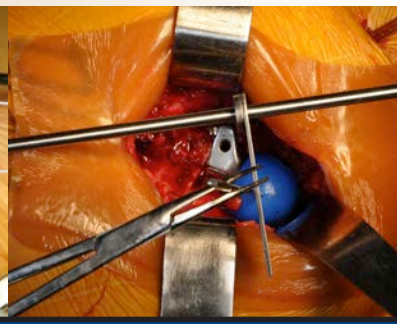
PRODUCT NO:
1133-02 [Llinas Vertical Offset Gauge] *Overall Length: 17.25" (43,8 cm)* *Sliding Bevel Arm Lengths: 2.4" (6 cm) / 3.15" (8 cm)*

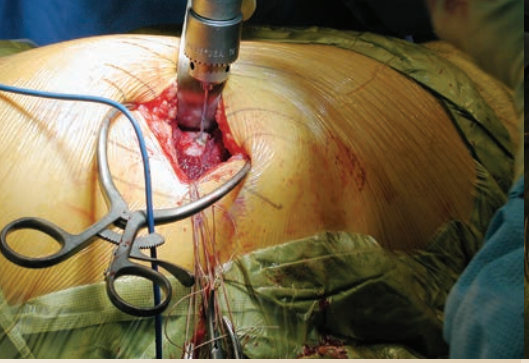
USA MADE

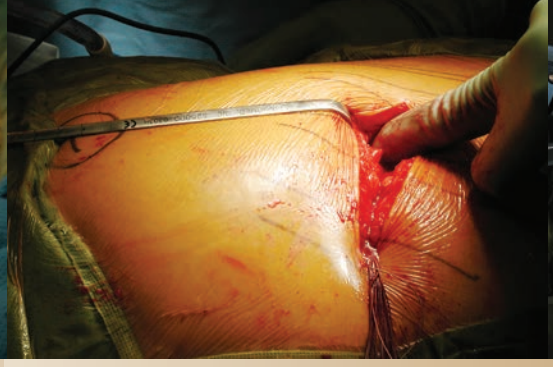
Usage guide available at:
www.innomed.net/instructions_innomed.htm

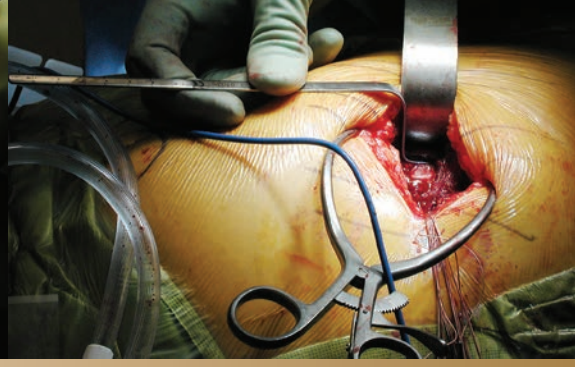


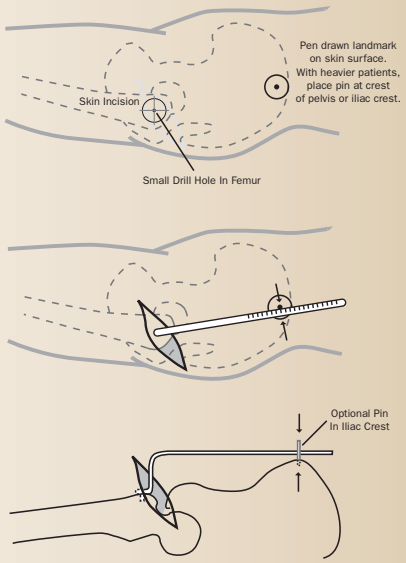










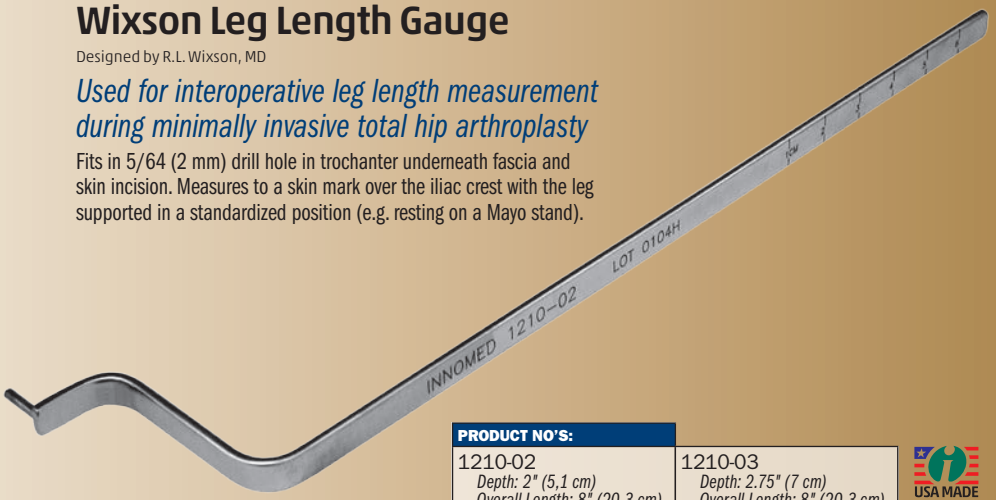


Wixson Leg Length Gauge

Designed by R.L. Wixson, MD

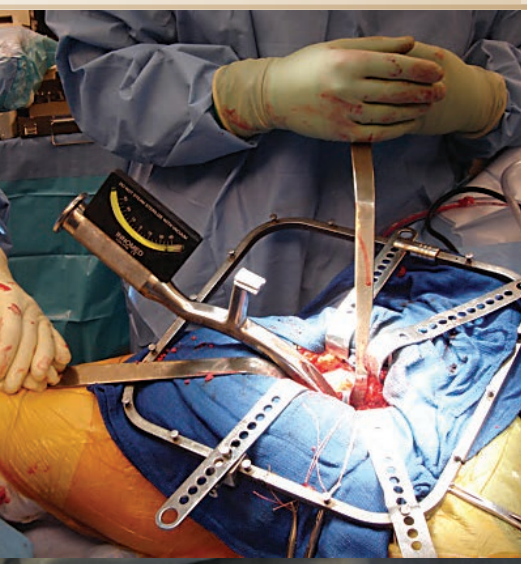
Used for interoperative leg length measurement during minimally invasive total hip arthroplasty

Fits in 5/64 (2 mm) drill hole in trochanter underneath fascia and skin incision. Measures to a skin mark over the iliac crest with the leg supported in a standardized position (e.g. resting on a Mayo stand).



PRODUCT NO'S:	
1210-02 *Depth: 2" (5,1 cm)* *Overall Length: 8" (20,3 cm)* *Length-to-bend: 7" (17,8 cm)* *Pin Length: 10 mm*	1210-03 *Depth: 2.75" (7 cm)* *Overall Length: 8" (20,3 cm)* *Length-to-bend: 7" (17,8 cm)* *Pin Length: 10 mm*

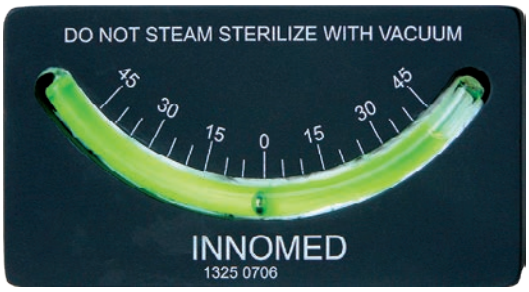
USA MADE



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



Now includes two magnets along the bottom for hands-free use

WARNING:
Do not strike glass indicator tube.

Bottom Profile with Magnets

Calibrated from 0 to 45°, the indicator may be used on the reamer shaft, the trial cup shaft and the cup impactor shaft.

Designed to allow the surgeon to consistently and quickly achieve the desired component position during each step of acetabular preparation and component positioning: acetabular reaming, trial component positioning, and actual component insertion. Steam sterilizable without vacuum.

PRODUCT NO:
1325 *Dimensions: 4" x 2" (10,2 cm x 5,1 cm)*

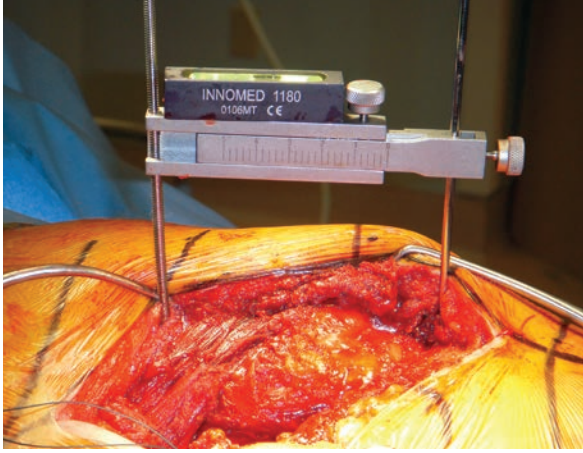
USA MADE

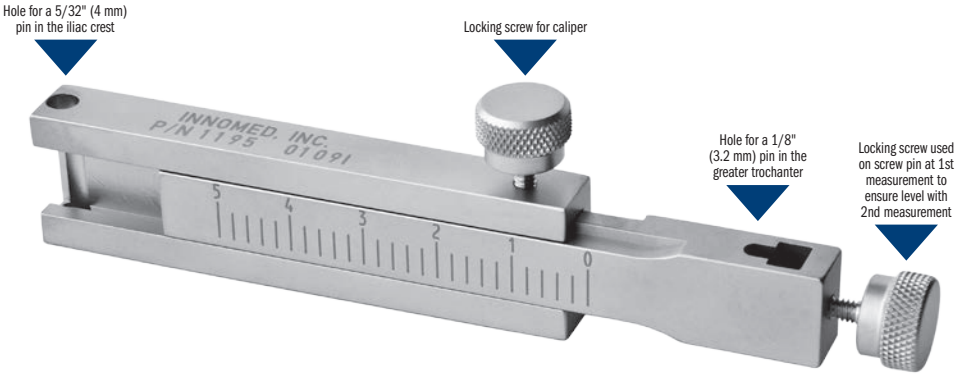
Leg Length Caliper

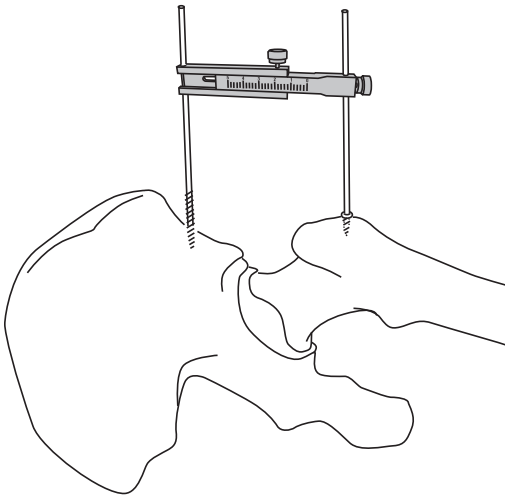
Designed by Michael Koonin, MD

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

Utilizes a 5/32" (4 mm) pin in the wound just proximal to the acetabulum and a 1/8" (3.2 mm) pin in the greater trochanter. (The soft tissue is cleared away and a single drill hole is made in the trochanter to accommodate the distal pin; the hole is marked with methyline blue so it can be easily found.) *Alternatively, a 7.3 mm cannulated screw that accepts a 3.2 mm pin may be used in the greater trochanter.* Using the sliding caliper, the difference in leg length measurement before hip dislocation and after the THR procedure helps show the change in leg length.







PRODUCT NO'S:
1195 [Complete Set] *Includes: Caliper, Sterilizable Level, and Sterilization Case*
Individual/Replacement Parts:
1195-01 [Caliper Only] *Overall Length: 4.5"-6.5" (11,4 cm-16,5 cm)*
1180 [Sterilizable Level Only] *Dimensions: 2" x .5" x .75" (5,1 cm x 1,3 cm x 1,9 cm)*
1025 [Sterilization Case]

Sterilizable Level included in Set

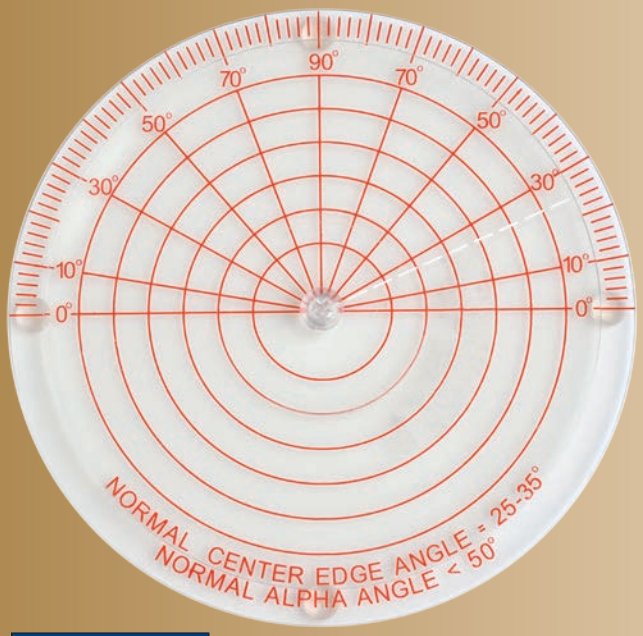
USA MADE

Helps to ensure the leg is in the same plane when initially putting the leg length caliper on and when reattaching the caliper.

Hurst Alpha Angle Tool

Designed by Jason M Hurst, MD

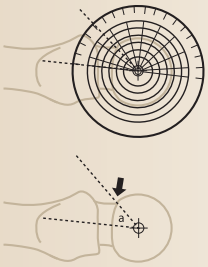
Used for the quick measurement of the alpha angle and lateral center-edge angle from both plain hip radiographs or digital images displayed on a computer monitor



PRODUCT NO:
2018 *Diameter: 4.5" (11,4 cm)*

USA MADE

To measure the alpha angle from lateral radiographs

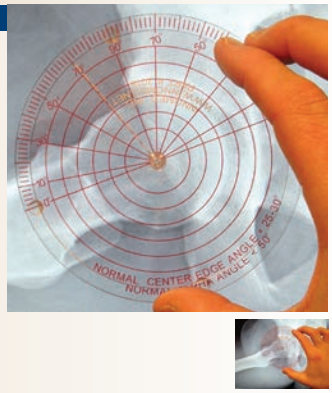


The device is held up to the computer monitor or light box with the center screw of the tool placed in the center of the femoral head. The concentric circles are used as a "perfect circle" reference for the femoral head so that the center screw can be placed in the absolute center.

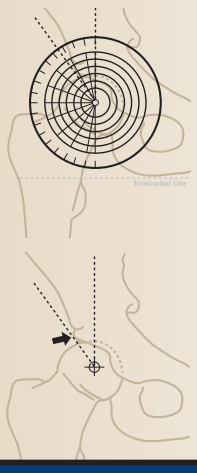
The "0 degree line" is then placed down the center of the femoral neck.

The outer disc with the dashed line is then rotated until it first intersects with the region of femoral head asphericity—where the head begins to go "out of round."

The corresponding angle measurement is the representative alpha angle.



To measure the lateral center-edge angle from AP radiographs

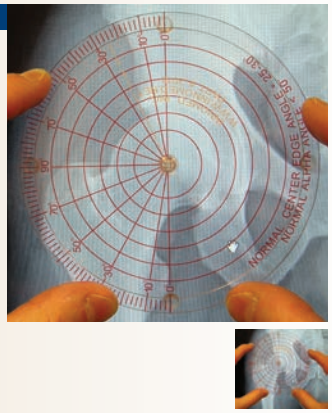


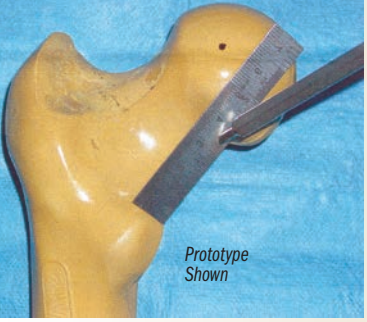
The center screw of the tool is placed in the center of the femoral head using the concentric circles to center the device.

The "0 degree line" is then directed vertically on the pelvis, with the 90 degree line parallel to the transischial line.

The outer disc with the dashed line is rotated until it intersects with the lateral edge of the acetabular rim.

The corresponding angle measurement is the representative lateral center-edge angle.



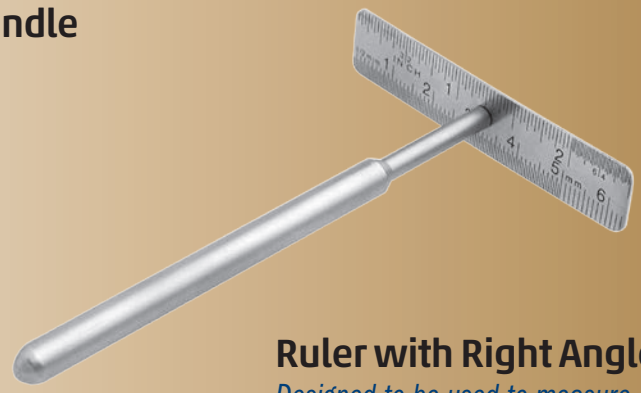


Ruler with 45° Angle Handle

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.



PRODUCT NO:
1430 *Handle Length: 5" (12,7 cm)* *Ruler Dimensions: 2.5" x .5" (6,4 cm x 1,3 cm)*

USA MADE

Ruler with Right Angle Handle

Designed to be used to measure the femoral head/neck length

Very helpful in minimally invasive surgery.

PRODUCT NO:
1450 *Handle Length: 4.25" (10,8 cm)* *Ruler Dimensions: 2.5" x .5" (6,4 cm x 1,3 cm)*

USA MADE

Lombardi Self-holding X-ray Magnification Marker

Designed by Adolph Lombardi, MD

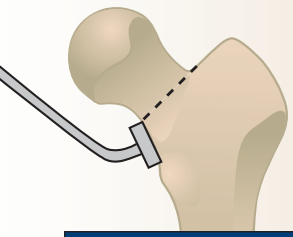
Helps to remove the variable of X-Ray magnification factor from the process of Orthopedic templating

Fully positionable, this orthopedic X-Ray calibration and marking device features a 1" (25.4 mm) 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 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.

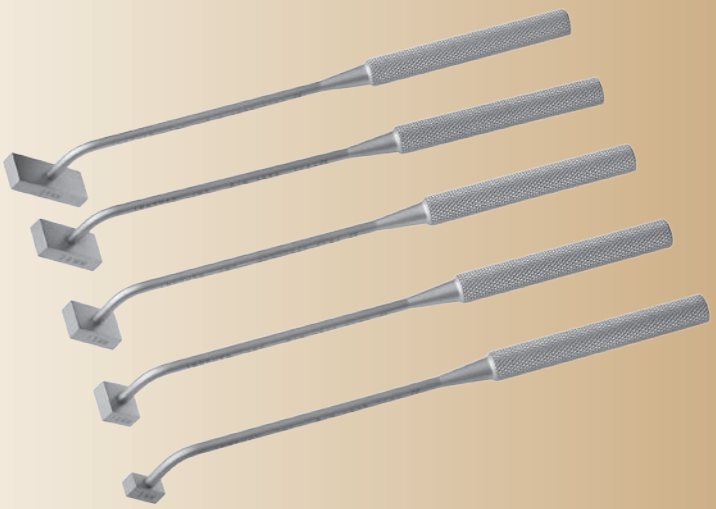
PRODUCT NO:
2672 *Base Dimensions: 11" x 5.25" (27,9 cm x 13,3 cm)* *Post Height: 7" (17,8 cm)* *Arm Maximum Length: 13" (33 cm*

USA MADE

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.



PRODUCT NO'S:
Overall Length: 6.5" (16,5 cm)
4555 *Block Dimensions: 5 x 10 mm*
4560 *Block Dimensions: 10 x 10 mm*
4565 *Block Dimensions: 10 x 15 mm*
4570 *Block Dimensions: 10 x 20 mm*
4575 *Block Dimensions: 10 x 25 mm*



Sanders Femoral Neck Cutting Blocks

Designed by Richard A. Sanders, MD

Designed to help with the accurate placement of the femoral neck osteotomy in total hip surgery

Used to measure the distance from the proximal end of the lesser trochanter to the level of the femoral neck osteotomy. The desired level of the femoral neck osteotomy is determined by preoperative planning. The exact level of the femoral osteotomy helps with leg length, either maintaining equal leg length or correcting leg length discrepancies.

USA MADE

Bone Depth Gauge

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

USA MADE

Radiopaque Goniometers

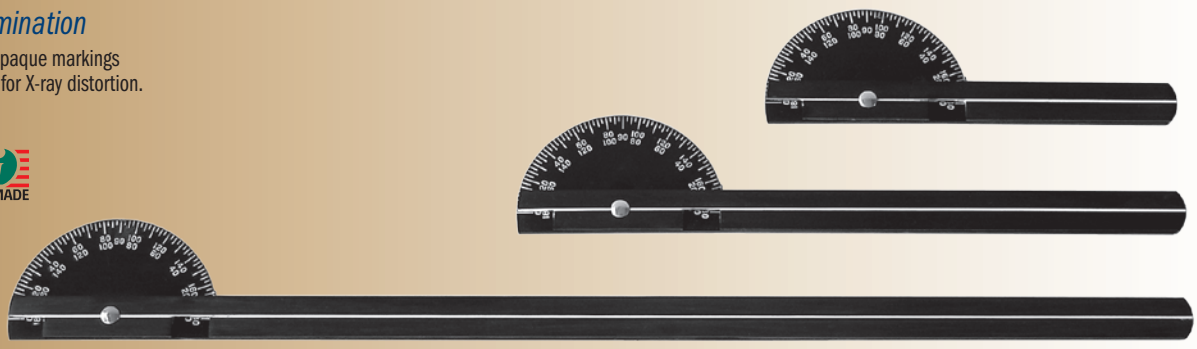
Designed for Angle Determination

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

Ethylene Oxide Sterilize Only.

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

USA MADE



Sterilizable Level

Steam sterilizable for use in surgery

Helpful in hip surgery to ensure the leg is in the same position when checking leg length.

PRODUCT NO:
1180 *Dimensions: 2" x .5" x .75" (5,1 cm x 1,3 cm x 1,9 cm)*

USA MADE

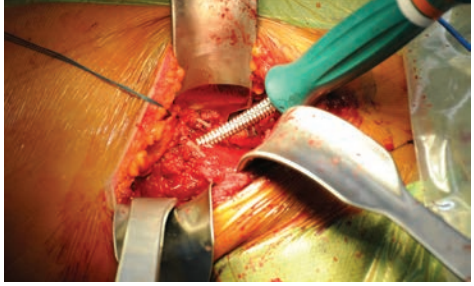
Unger Canal Finder Rasps

Designed by Anthony Unger, MD

Designed to help shape the femoral canal after reaming

PRODUCT NO'S:
3004 [Straight] *Overall Length: 11" (27,9 cm)* *Handle Length: 5" (12,7 cm)*
3004-01 [Curved] *Overall Length: 11" (27,9 cm)* *Handle Length: 5" (12,7 cm)*

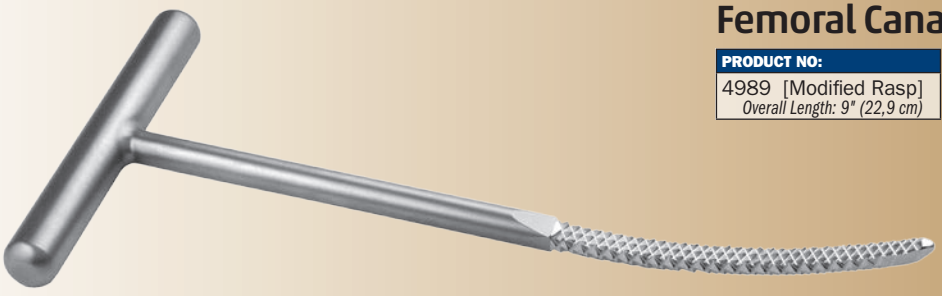
USA MADE



Modified T-Handle Femoral Canal Finder Rasp

PRODUCT NO:
4989 [Modified Rasp] *Overall Length: 9" (22,9 cm)*

USA MADE



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

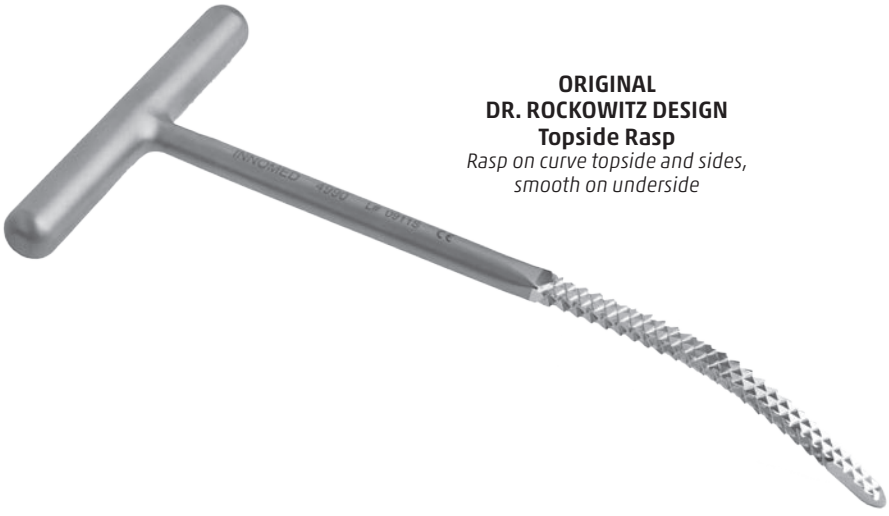
Rockowitz T-Handle Femoral Canal Finder Rasp

Designed by Neal L. Rockowitz, MD

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

PRODUCT NO:
4990 [Rockowitz Rasp] *Overall Length: 9" (22,9 cm)*

USA MADE



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

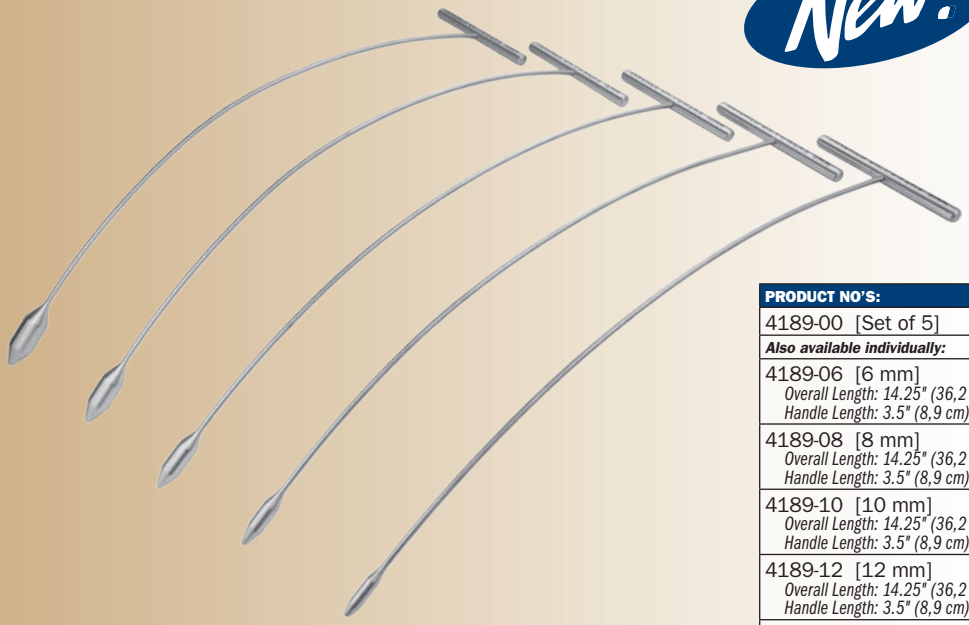
Powers Femoral Sounds

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

Particularly useful for the anterior approach to the hip. Helps identify intraoperative occult fractures. Properly identifying the medullary canal before broaching helps minimize possible intraoperative fractures.

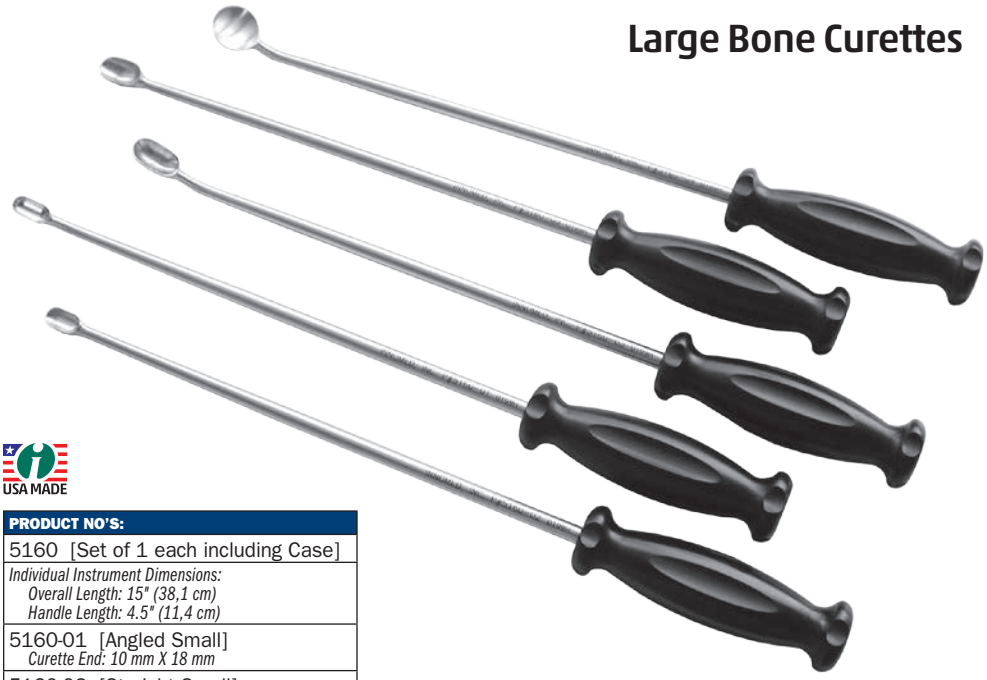
New!



USA MADE

PRODUCT NO'S:
4189-00 [Set of 5]
Also available individually:
4189-06 [6 mm] *Overall Length: 14.25" (36,2 cm)* *Handle Length: 3.5" (8,9 cm)*
4189-08 [8 mm] *Overall Length: 14.25" (36,2 cm)* *Handle Length: 3.5" (8,9 cm)*
4189-10 [10 mm] *Overall Length: 14.25" (36,2 cm)* *Handle Length: 3.5" (8,9 cm)*
4189-12 [12 mm] *Overall Length: 14.25" (36,2 cm)* *Handle Length: 3.5" (8,9 cm)*
4189-14 [14 mm] *Overall Length: 14.25" (36,2 cm)* *Handle Length: 3.5" (8,9 cm)*

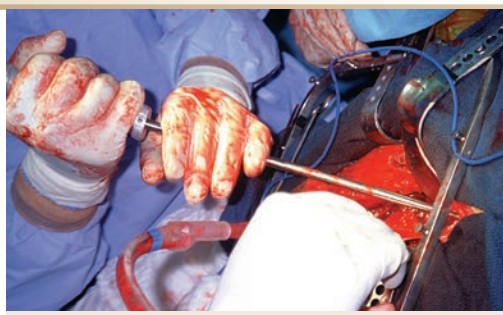
Large Bone Curettes

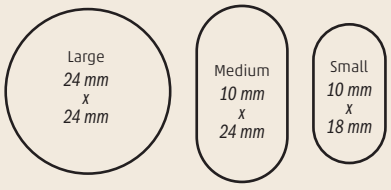


USA MADE

PRODUCT NO'S:
5160 [Set of 1 each including Case]
Individual Instrument Dimensions: *Overall Length: 15" (38,1 cm)* *Handle Length: 4.5" (11,4 cm)*
5160-01 [Angled Small] *Curette End: 10 mm X 18 mm*
5160-02 [Straight Small] *Curette End: 10 mm X 18 mm*
5160-03 [Angled Medium] *Curette End: 10 mm X 24 mm*
5160-04 [Angled Large] *Curette End: 24 mm X 24 mm*
5160-05 [Straight Medium] *Curette End: 10 mm X 24 mm*

Designed with a 5/16" (8 mm) diameter shaft allowing better visualization into the medullary canal





Curette Ends at Actual Size

The contoured handle is designed to keep the curette from slipping in the surgeon's hand and for better control. The Angled Large Curette is designed for use in the acetabulum or exposed bone. The 10.5" (26,7 cm) shaft is 5/16" (8 mm) in diameter and has a contoured handle.

Wagner Osteotome Handle

Designed by Russell Wagner, MD

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

New!

PRODUCT NO'S:
5348 [Handle Only] *Overall Length: 5.5" (14 cm)*
5348-01 [1/4" Osteotome Only] *Overall Length: 8.875" (22,5 cm)*

USA MADE

Mueller Style Hip Instruments

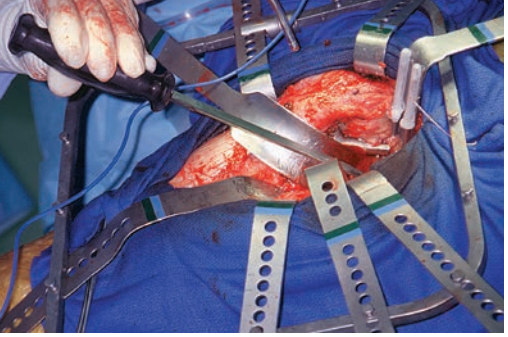
PRODUCT NO:
6865-01 [Flat Blade Osteotome] *Overall Length: 11.125" (28,3 cm)* *Osteotome Width: 20 mm*
6865-02 [Femoral Head Dislocation Lever] *Overall Length: 11.375" (23,8 cm)* *Scoop Dimensions: 25 mm x 57 mm*
6865-03 [Narrow Curved Osteotome] *Overall Length: 12" (30,5 cm)* *Osteotome Width: 9 mm*
6865-04 [Wide Curved Osteotome] *Overall Length: 12" (30,5 cm)* *Osteotome Width: 16 mm*
6865-05 [Swan Neck Curved Gouge] *Overall Length: 12" (30,5 cm)* *Gouge Width: 23 mm*
5350-CB [Cross Bar]

USA MADE

Ring Curettes

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

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



Handle allows for better control, reducing rotation during use

USA MADE

Lambotte Osteotomes with Handle

Designed by John Cherf, MD

Designed with a handle for better control, which helps reduce rotation of the osteotome during use. The handle also provides a larger striking area for use with a mallet. The osteotome shafts are manufactured with stainless steel and are available both straight and curved.

PRODUCT NO'S:	
5250-01 [Straight] *Blade Width: .25" (6.3 mm)* *Overall Length: 13" 32,8 cm)* *Handle Length: 4.5" (11,4 cm)*	5260-01 [Curved] *Blade Width: .25" (6.3 mm)* *Overall Length: 13" 32,8 cm)* *Handle Length: 4.5" (11,4 cm)*

Modified Lambotte Osteotomes

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

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

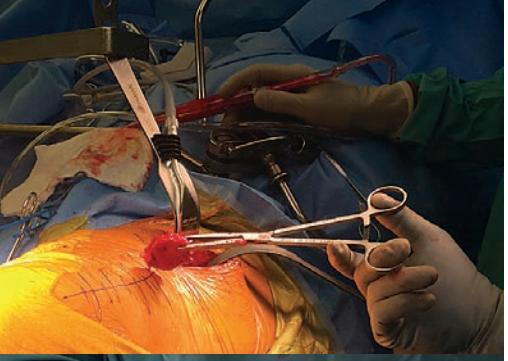
PRODUCT NO'S:	USA MADE
5350-00 [Set w/Case]	
Also Available Individually:	
5350-25 [1/4" (6,4 mm)] *Overall Length: 9" (22,9 cm)* *Osteotome Width: .25" (6.35 mm)*	5350-100 [1" (25,4 mm)] *Overall Length: 9" (22,9 cm)* *Osteotome Width: 1" (25.4 mm)*
5350-50 [1/2" (12,7 mm)] *Overall Length: 9" (22,9 cm)* *Osteotome Width: .5" (12.7 mm)*	5350-125 [1-1/4" (31,8 mm)] *Overall Length: 9" (22,9 cm)* *Osteotome Width: 1.25" (31.75 mm)*
5350-75 [3/4" (19 mm)] *Overall Length: 9" (22,9 cm)* *Osteotome Width: .75" (19 mm)*	5350-150 [1-1/2" (38,1 mm)] *Overall Length: 9" (22,9 cm)* *Osteotome Width: 1.5" (38.1 mm)*
5350-CB [Cross Bar]	5350-CASE [Case]

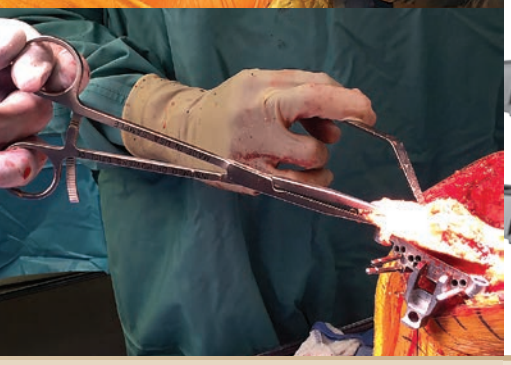
Mongold Capsule Knife

Designed by Evie Mongold, MD

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

PRODUCT NO:	USA MADE
4115 *Overall Length: 7.75" (19,7 cm)* *Blade Diameter: 2" (5,1 cm)* *Blade Width: .5" (1,3 cm)*	

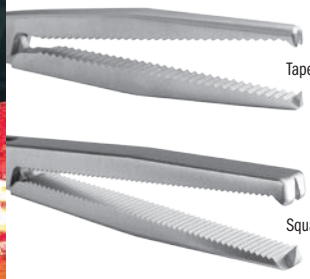




Powers Modified Kocher Clamps

Designed by Mark Powers, MD

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



New!

PRODUCT NO'S:	
1813 [Tapered Jaw] *Overall Length: 8.25" (21 cm)* *Law Length: 2.5" (6,4 cm)*	1814 [Square Jaw] *Overall Length: 8.25" 21 cm)* *Law Length: 2.5" (6,4 cm)*

USA MADE

Angled Capsule Scissors

Angled scissors allow a greater range of capsular access

PRODUCT NO'S:
3079 [45°] *Overall Length: 9.5" (24,1 cm)* *Scissor Angle: 45°*
3082 [20°] *Overall Length: 10" (25,4 cm)* *Scissor Angle: 20°*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Designed by James B. Stiehl, MD

Extra Long Grasper

Designed for reaching deep into the medullary canal

PRODUCT NO:
1782 *Overall Length: 18.5" (47 cm)*

USA MADE

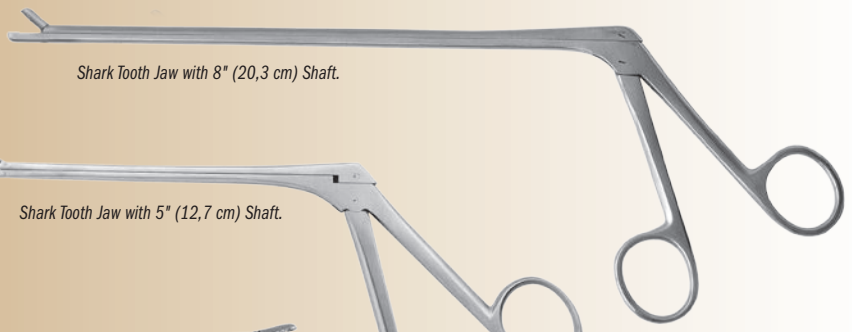
Shark Tooth Jaw

Saw Tooth Jaw

Cartilage Graspers

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

Shaft allows for use in narrow spaces.



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

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

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

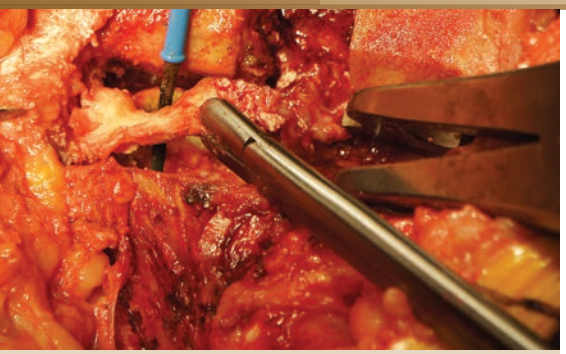
PRODUCT NO:
1785 [Saw Teeth] *Shaft Length: 6" (15,2 cm)* *Overall Length: 9.25" (23,5 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Shark tooth design modification by Michael Soudry, MD

PRODUCT NO'S:
1777 [5" with Shark Teeth] *Shaft Length: 5" (12,7 cm)* *Overall Length: 8.25" (21 cm)* *Jaw Bite: 2 mm x 6.5 mm*
1779 [8" with Shark Teeth] *Shaft Length: 8" (20,3 cm)* *Overall Length: 11.25" (28,6 cm)*

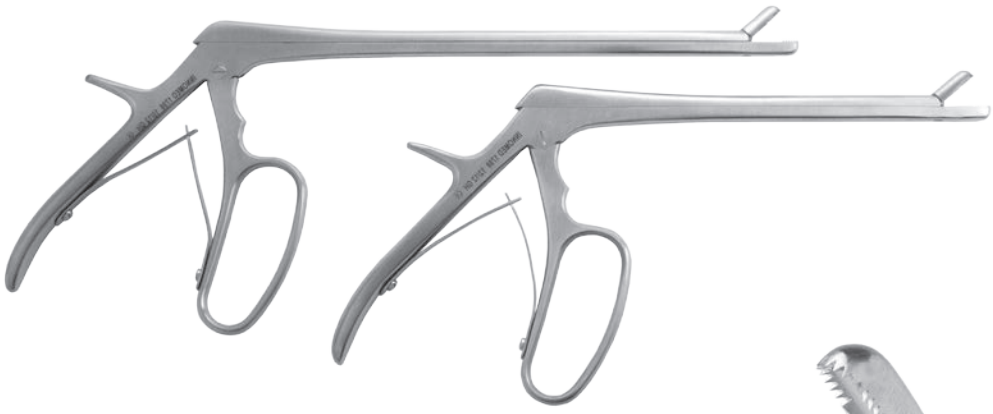


Shark Tooth Grasper

Designed by Luis Ulloa

Sharp teeth help grasp onto tissue and bone

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

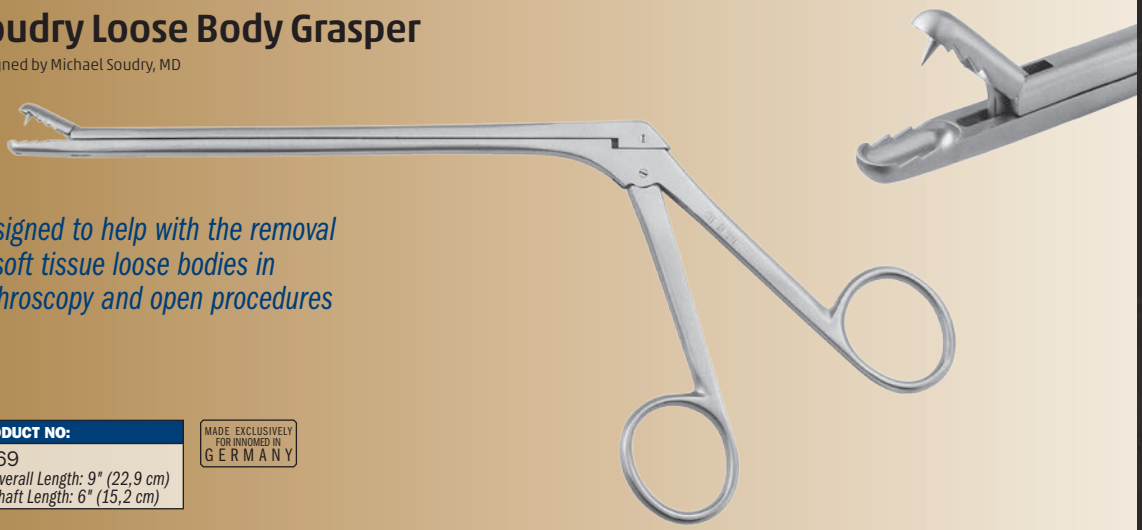


PRODUCT NO:	
1798 [Standard] *Jaw Size: 6 mm x 10 mm* *Overall Length: 10" (25,4 cm)* *Shaft Length: 7" (17,8 cm)*	1799 [Long Shaft] *Jaw Size: 6 mm x 10 mm* *Overall Length: 12" (30,5 cm)* *Shaft Length: 9" (22,9 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Soudry Loose Body Grasper

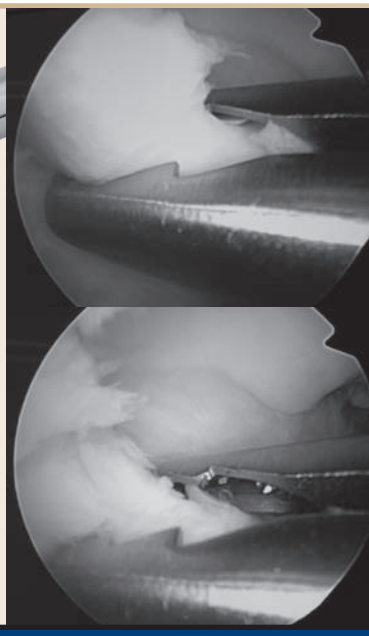
Designed by Michael Soudry, MD



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

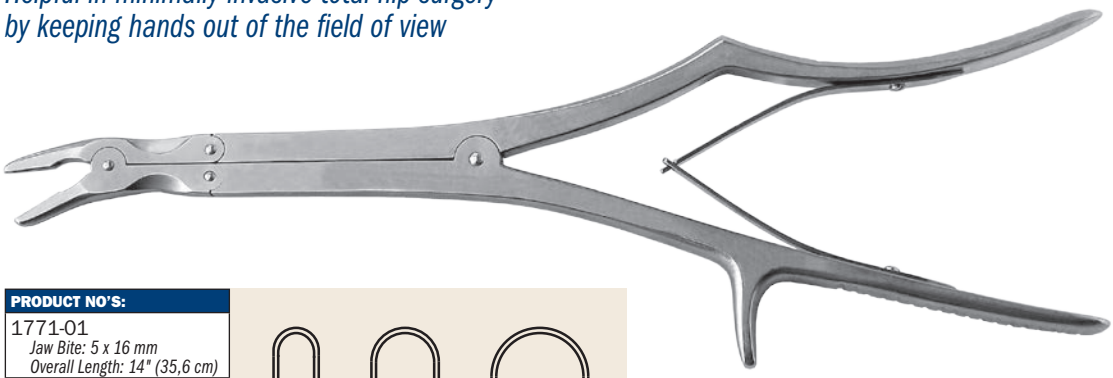
PRODUCT NO:
1769 *Overall Length: 9" (22,9 cm)* *Shaft Length: 6" (15,2 cm)*

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Extra Long Rongeur

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



PRODUCT NO'S:
1771-01 *Jaw Bite: 5 x 16 mm* *Overall Length: 14" (35,6 cm)*
1771-02 *Jaw Bite: 8 x 16 mm* *Overall Length: 14" (35,6 cm)*
1771-03 *Jaw Bite: 12 x 16 mm* *Overall Length: 14" (35,6 cm)*

MADE FOR INNOMED IN GERMANY

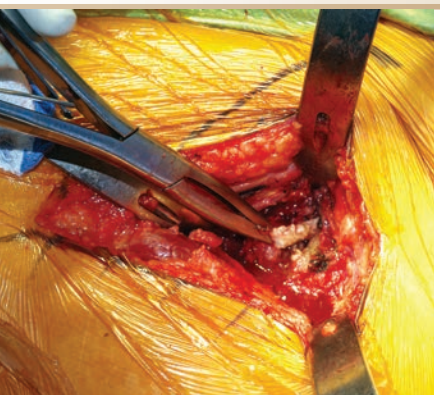
Mazzara Pistol Grip Extra Long Rongeur

Designed by James T. Mazzara, MD

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

PRODUCT NO:
1768-02 *Jaw Bite: 8 x 16 mm* *Overall Length: 12.5" (31,8 cm)* *Shaft-to-End Length: 6" (15,2 cm)*

USA MADE



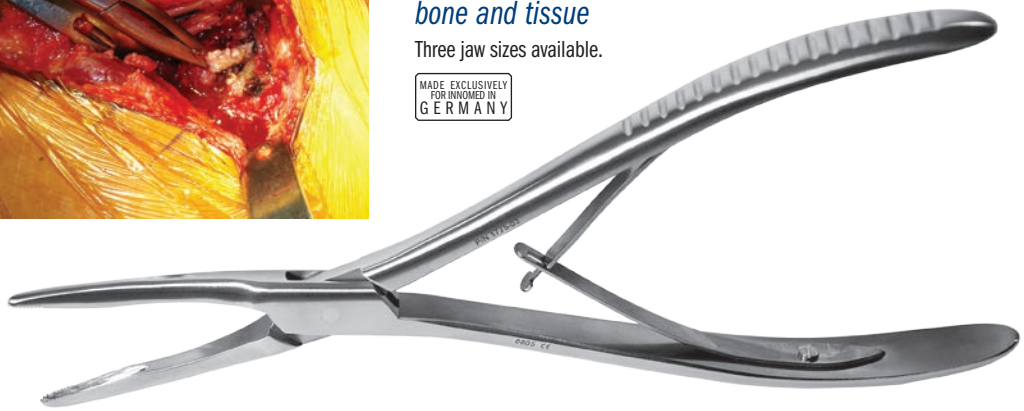
Hannum Tissue Grasper

Designed by Scott Hannum, MD

Teeth in jaw firmly holds bone and tissue

Three jaw sizes available.

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



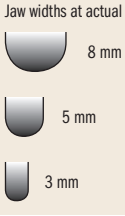
Non-locking design can be easily gripped while allowing greater pressure to be applied.

Used for dissection (to preserve)/or removal of the anterior capsule, removal of the labrum, or other soft tissue around the acetabulum prior to cup implantation. Also used to release the capsule to expose the femur for placement of the femoral stem. Long, low profile helps facilitate working through a small incision without disrupting vision.

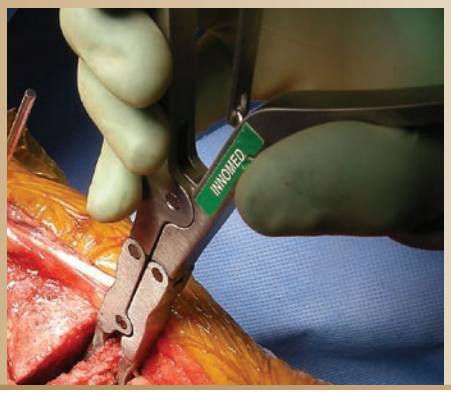
Three jaw sizes: short for holding bone, medium for smaller bones, and long for tissue.

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

Jaw widths at actual size



Three Jaw Sizes Available



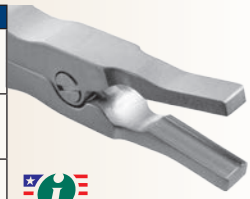
Macko Square Tipped Rongeur

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 knee, ankle, hip, and spine surgery

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

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

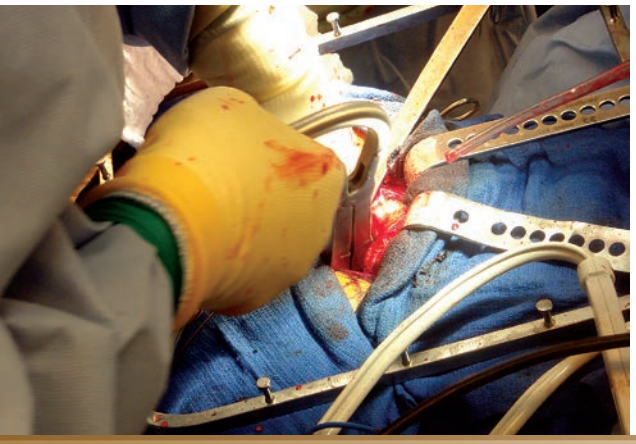


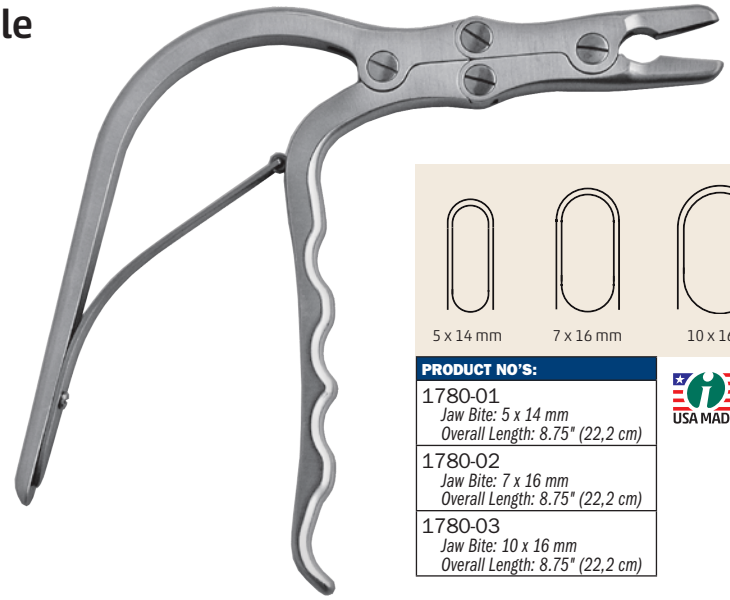
USA MADE

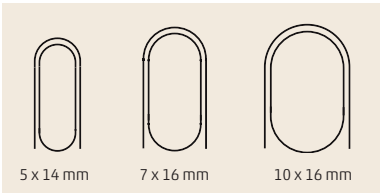
Ortho Rongeur with Easy Grip Handle

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

Offset handle gives better gripping power and helps reduce hand fatigue. Finger grooves help to prevent hand slippage. The offset handle also allows for better visualization. Available in three jaw bite sizes.

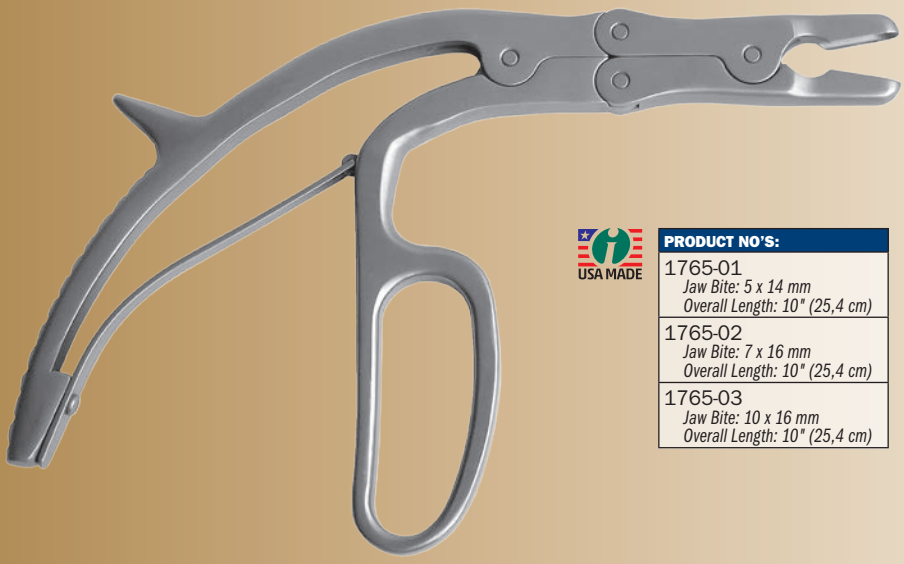






PRODUCT NO'S:
1780-01 *Jaw Bite: 5 x 14 mm* *Overall Length: 8.75" (22,2 cm)*
1780-02 *Jaw Bite: 7 x 16 mm* *Overall Length: 8.75" (22,2 cm)*
1780-03 *Jaw Bite: 10 x 16 mm* *Overall Length: 8.75" (22,2 cm)*

USA MADE



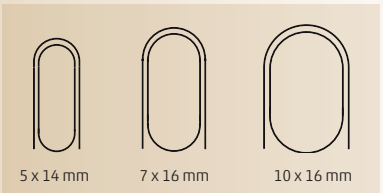
USA MADE

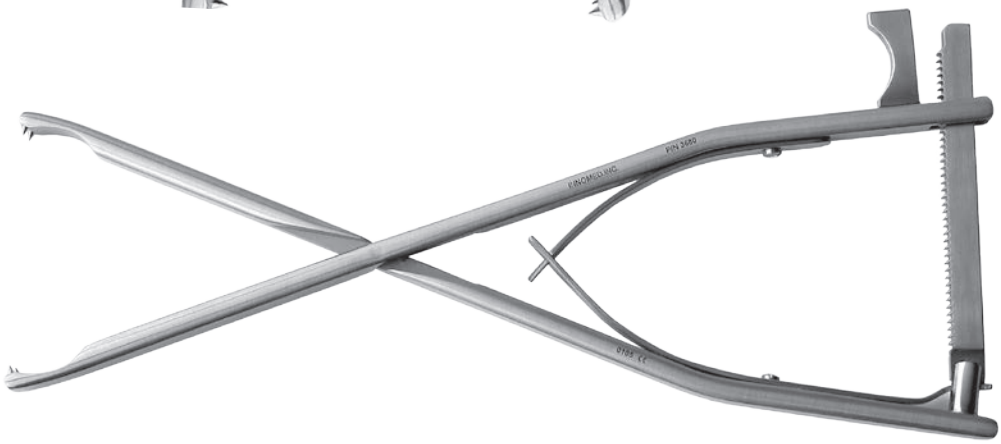
PRODUCT NO'S:
1765-01 *Jaw Bite: 5 x 14 mm* *Overall Length: 10" (25,4 cm)*
1765-02 *Jaw Bite: 7 x 16 mm* *Overall Length: 10" (25,4 cm)*
1765-03 *Jaw Bite: 10 x 16 mm* *Overall Length: 10" (25,4 cm)*

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





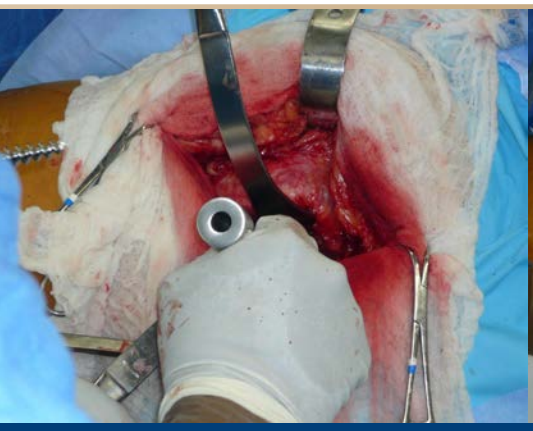
Femoral Head Removal Clamp

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

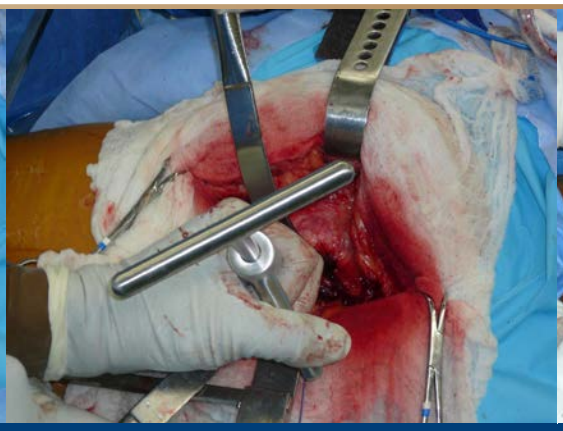
Designed to firmly lock onto a resected femoral head during total hip surgery or hip fracture. Narrow design is also useful in minimally invasive total hip surgery with limited access to the femoral head.

PRODUCT NO:
3680 *Overall Length: 10.75" (27,3 cm)*

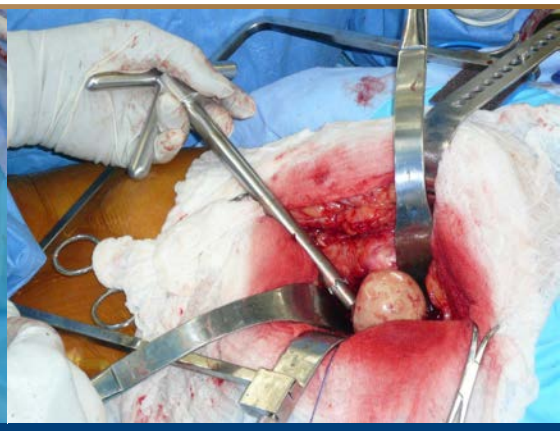
MADE EXCLUSIVELY FOR INNOMED IN GERMANY



STABILIZE HEAD



INSERT/ENGAGE CORKSCREW



REMOVE HEAD

Rivero Anti-Rotation Corkscrew Femoral Head Remover

Designed by Dennis Rivero, MD

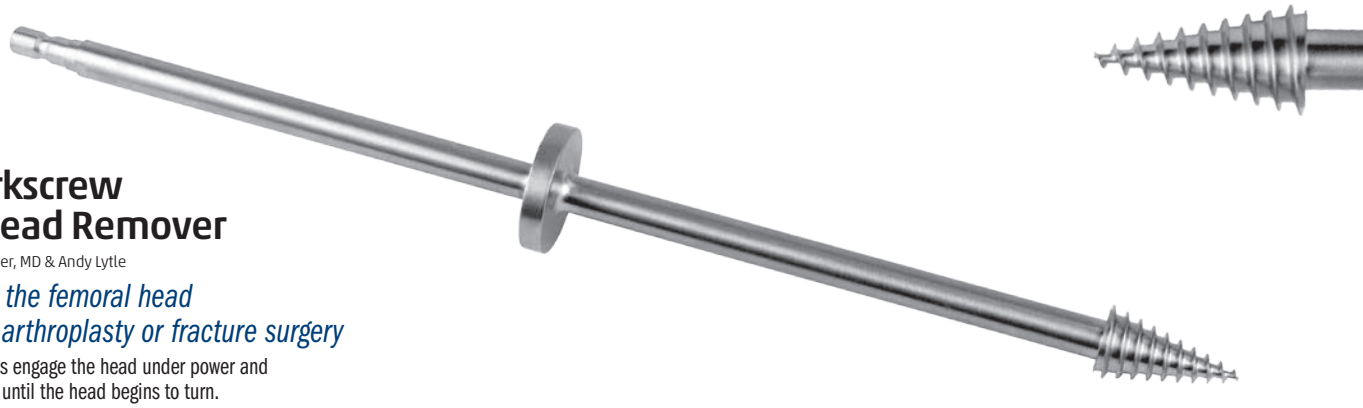
Designed to help prevent rotation while engaging a femoral head for removal

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.

New!

PRODUCT NO'S:
3705 [Corkscrew & Sleeve Set] *Overall Length: 10" (25,4 cm)*
Individual Instruments:
3705-01 [Corkscrew Only] *Overall Length: 10" (25,4c m)*
3705-02 [Sleeve Only] *Overall Length: 8" (20,3 cm)*

USA MADE



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

Designed so the threads engage the head under power and draws the corkscrew in until the head begins to turn.

The extra long shaft keeps the power reamer out of the operative site for better visualization and improves the lever arm when pivoting the head out of the acetabulum. The grip ring allows the surgeon to pull head out of acetabulum and soft tissue envelope when disengaged from the power reamer.

PRODUCT NO:
3698 *Overall Length: 12.25" (31,1 cm)*

USA MADE

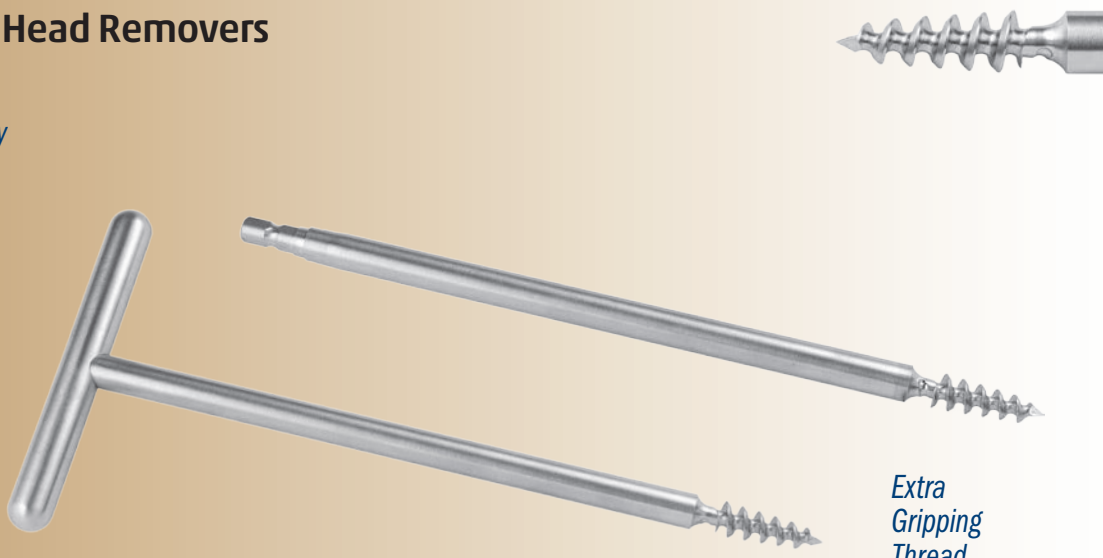
Rivero Extra Grip Femoral Head Removers

Modified by Dennis Rivero, MD

Used to remove femoral heads during total hip arthroplasty or fracture surgery

PRODUCT NO'S:
3706 [Hudson-style Quick-Connect] *Overall Length: 8.5" (21,6 cm)*
3707 [Self Tapping T-Handle] *Overall Length: 8.75" (22,2 cm)*

USA MADE



Extra Gripping Thread

Femoral Head Removers

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

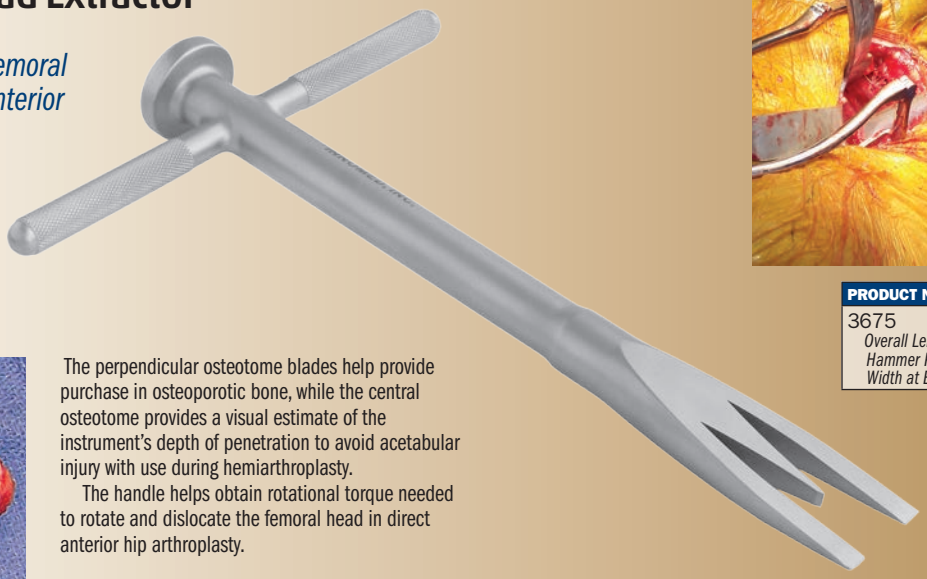
PRODUCT NO'S:
3688 [Hudson Style Quick-Connect] *Overall Length: 8.5" (21,6 cm)*
3690 [Self-Tapping T-Handle] *Overall Length: 8.75" (22,2 cm)*

USA MADE

O'Reilly Femoral Head Extractor

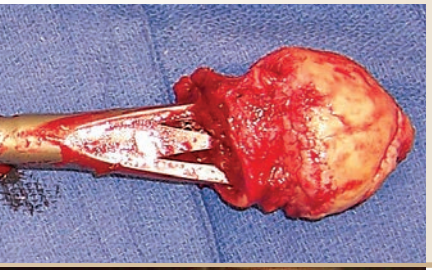
Designed by Michael P. O'Reilly, MD

Designed to help remove the femoral head during THA, MIS Direct Anterior THA, and hip fracture surgery/ hemiarthroplasty



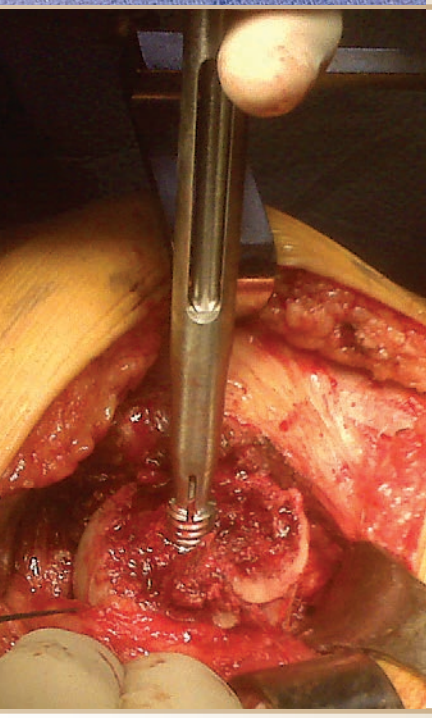
PRODUCT NO:
3675 *Overall Length: 9.5" (24,1 cm)* *Hammer Platform: 1.125" (2,9 cm) Dia.* *Width at End: 1.1" (2,8 cm)*

USA MADE



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.

The handle helps obtain rotational torque needed to rotate and dislocate the femoral head in direct anterior hip arthroplasty.



Expanding Cannulated Corkscrew Femoral Head Remover

Designed by Tim Seachris

Engagement blades not expanded

Engagement blades expanded

Designed with internal blades which can be expanded from the inside out to better engage a femoral head for successful removal

PRODUCT NO:
3710 *Overall Length: 10.5" (26,7 cm)*

USA MADE

- Can be inserted with hand pressure or with tap and turn method
- Engagement blades are aligned perpendicular to the large T-handle

Femoral Head Removal Pin

Used to help remove a femoral head during total hip surgery

Partial threaded pin can be used to help remove a femoral head during total hip surgery. The pin is especially helpful in minimally invasive total hip surgery where access to the femoral head is limited. The pin is attached to a pin driver which clamps onto a Jacob chuck. When the pin is drilled in place, the driver is easily removed from the pin, as the pin is held by a friction ring. The head can be removed by gripping the pin by hand or by using a large pin inserter/extractor.

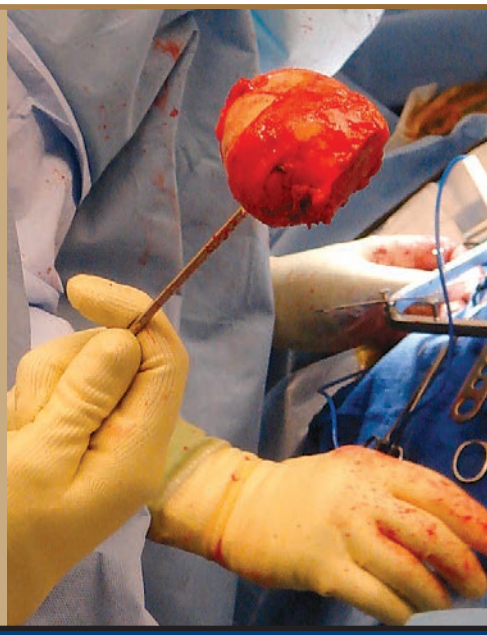
Designed to be used with:

Pin Inserter/Extractor

Pin Driver

PRODUCT NO'S:
1310 [Pin] *Overall Length: 9" (22,9 cm)* *Diameter: 5/32" (4 mm)*
Optional Inserters/Extractors:
1205 [Pin Driver]
3030 [Pin Inserter/Extractor]

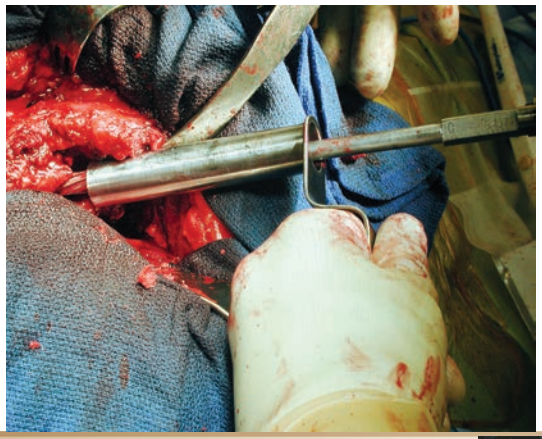
USA MADE



Tissue Protector

Helps protect tissue when a straight reamer is being used

Designed to be used when a straight reamer is being used in a bone canal. Very useful in minimally invasive total hip arthroplasty.



PRODUCT NO'S:
5480-01 ***Inside Diameter: 19 mm*** *Overall Length: 6.5" (16,5 cm)* *Tube Depth: 3.875" (9,8 cm)*
5480-02 ***Inside Diameter: 24 mm*** *Overall Length: 6.5" (16,5 cm)* *Tube Depth: 3.875" (9,8 cm)*

USA MADE

Clear Vision Debris Shield

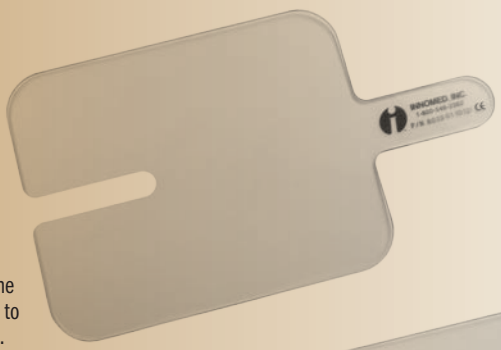
Designed by R. Barry Sorrells, MD

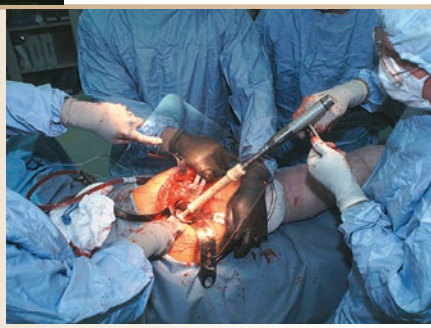
Provides a degree of restriction from flying debris or liquid during surgery

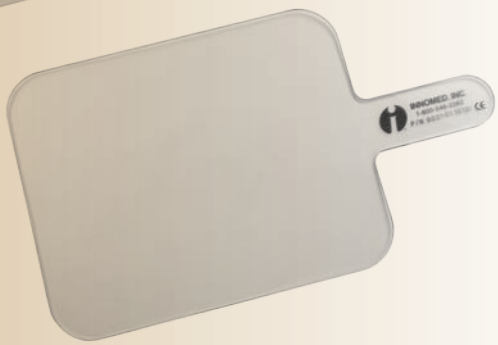
Held between the surgical site and the operating personnel, the shield provides a clear undistorted view, while helping to protect the patient and personnel from possible contamination. The reamer-slotted version allows the shield to straddle a reamer shaft or drill bit, allowing the shield to be closer to the incision. The shield is autoclavable and gas sterilizable in a flat position.

PRODUCT NO'S:
Shield Dimensions: 8" x 10.25" (20,3 cm x 26 cm) (not incl. handle)
8031-01 [Without Reamer Slot]
8033-01 [With Reamer Slot]

USA MADE





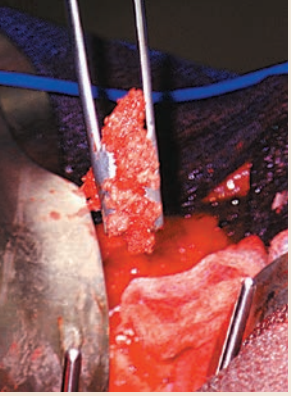


Lombardi Cement/Antibiotic Sifter

Designed by Adolph V. Lombardi Jr., MD

PRODUCT NO:
5215 *Overall Length: 14" (35,6 cm)* *Sifter Diameter: 5" (12,7 cm)*

USA MADE



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

Universal Bone Grafting/Impacting Forceps

Designed by J. A. Amis, MD

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

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

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

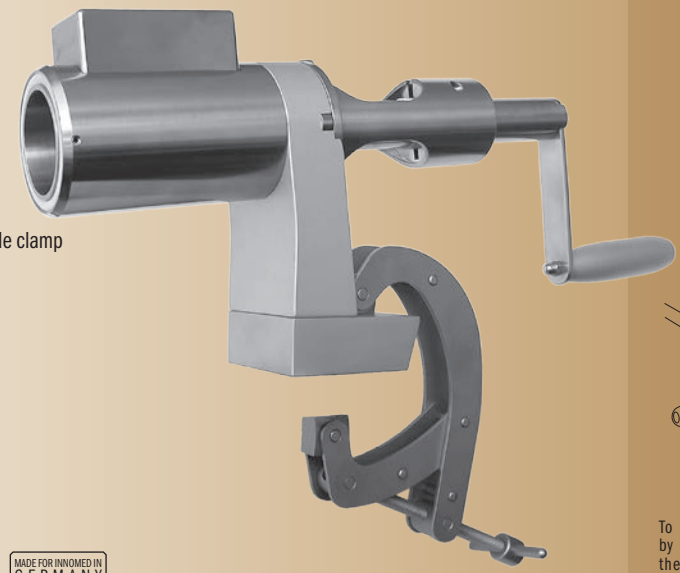
Diameter ends at actual size (closed forceps)

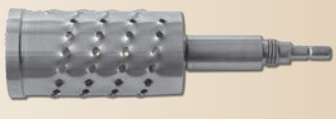
MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Bone Mill

Used to produce allograft material

- Grinds bone of various densities
- Produces bone graft of excellent quality for impaction
- 2 cutting cylinders are included for variable size bone graft
- Attaches securely with table clamp
- Fully autoclavable and easy to dismantle for cleaning
- Includes housing, two cutting cylinders, handle, push block and table clamp

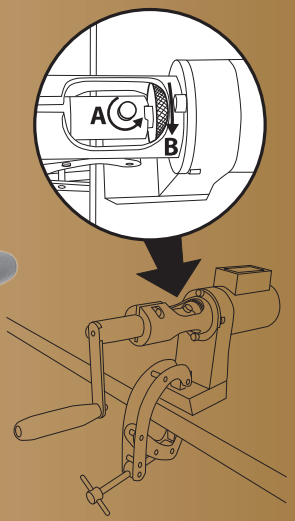




Cutting Cylinder ***Push Block***

PRODUCT NO'S:
8205 [Compete Unit including 2 Cylinders and Clamp] *Overall Length (without crank): 12" (30,5 cm)*
Replacement Cutting Cylinders:
8205-01 [3.2 mm Hole Diameter/5 Cutting Rows]
8205-02 [4.2 mm Hole Diameter/4 Cutting Rows]

MADE FOR INNOMED IN GERMANY

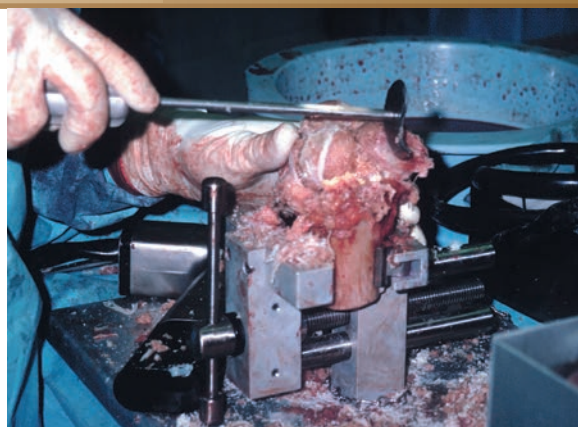


To remove cylinder: loosen small knob (A) by turning counter-clockwise, then loosen the large knob (B) by turning clockwise. Reverse these instructions to install new cylinder.

Allograft Bone Vise

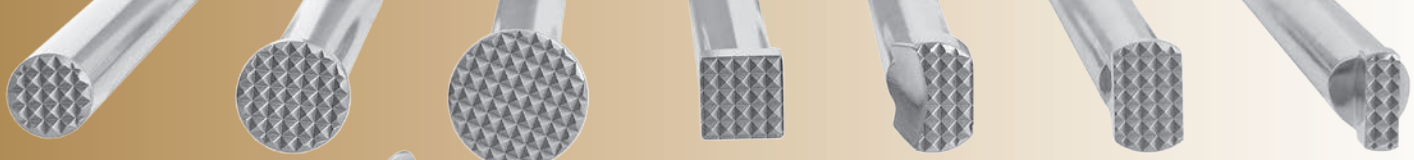
Holds allograft bone for reaming, shaping or cutting

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. The base plate is designed with a table flange for stabilization during use. The vise is completely autoclavable.



PRODUCT NO:
8215 *Base Dimensions: 8.25" x 11" (21 cm x 27,9 cm)*

USA MADE



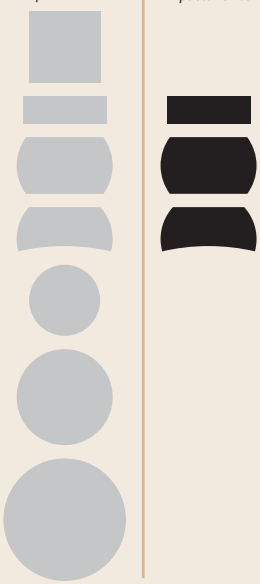
Ortho Impactors

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

USA MADE

Stainless
Impactor Sizes

Delrin
Impactor Sizes



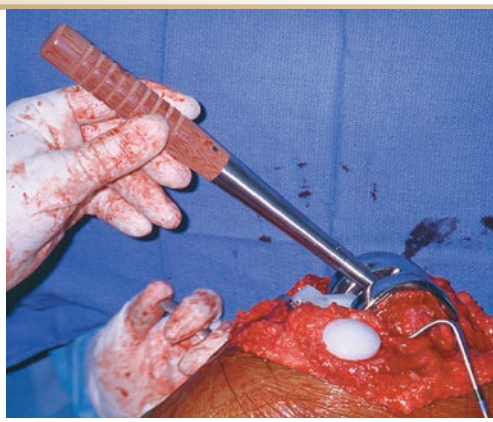
Modular Impactor Set

Makes multiple impactor heads easily visible and available

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

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

USA MADE



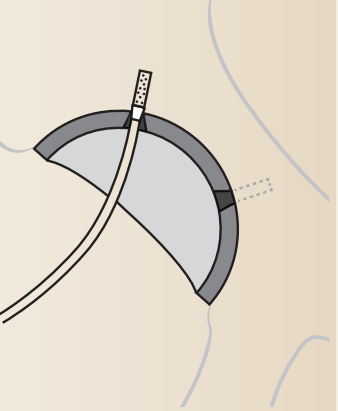
Bone Graft Impactors

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

PRODUCT NO'S:
5310 [Round] *Head Diameter: 12.5 mm* *Overall Length: 9.5" (24,1 cm)* *Handle Length: 4.25" (10,5 cm)*
5320 [Square] *Head Dimensions: 10 mm x 10 mm* *Overall Length: 9.5" (24,1 cm)* *Handle Length: 4.25" (10,5 cm)*
5325 [Square with Delrin Tip] *Head Dimensions: 10 mm x 10 mm* *Overall Length: 9.5" (24,1 cm)* *Handle Length: 4.25" (10,5 cm)*
5330 [Rectangular] *Head Dimensions: 10 mm x 3 mm* *Overall Length: 9.5" (24,1 cm)* *Handle Length: 4.25" (10,5 cm)*

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

USA MADE



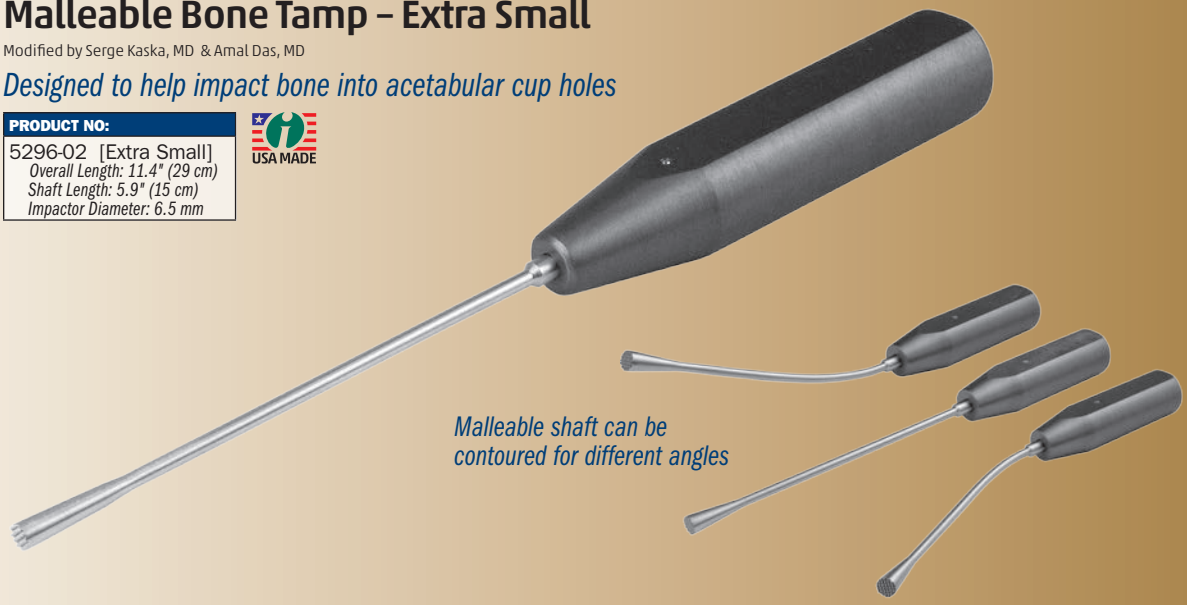
Malleable Bone Tamp – Extra Small

Modified by Serge Kaska, MD & Amal Das, MD

Designed to help impact bone into acetabular cup holes

PRODUCT NO:
5296-02 [Extra Small] *Overall Length: 11.4" (29 cm)* *Shaft Length: 5.9" (15 cm)* *Impactor Diameter: 6.5 mm*

USA MADE



Malleable shaft can be contoured for different angles

New!

Desai Surgical Funnel

Designed by Sarang Desai, DO

Helps with control and placement of bone graft

Profile View

PRODUCT NO:
8989 *Overall Length: 6.25" (15,9 cm)* *Handle Length: 3.25" (8,3 cm)* *Funnel Diameter at Top: 3" (7,6 cm)* *Funnel Flow-thru Diameter: 11 mm*

USA MADE

Namba Bone Graft Slide

Designed by Robert S. Namba, MD

Helps to efficiently guide allograft material into the acetabulum

Helps reduce waste of expensive allograft material by providing a holding trough and slide for effective, directed delivery.

PRODUCT NO'S:
6888 *Overall Length: 7.75" (19,7 cm)*

USA MADE

Rotating Offset Handle Hex Driver

Offset shaft and smooth spin handle allow for a rapid crank action when desired

New!

Large hex driver for 6.5 mm and 4.5 mm diameter screws. Especially helpful in insertion and removal of long screws.

PRODUCT NO:
7241 *Overall Length: 13.5" (34,3 cm)*

USA MADE

Star Bit Driver Set

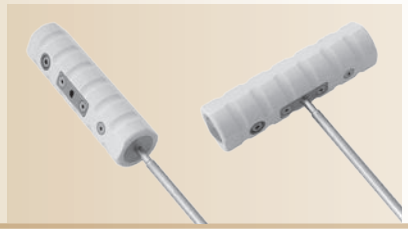
Helps eliminate the opening of multiple sterile packs when a specific size of star bit is needed

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

PRODUCT NO'S:
5194-00 [4 Star Bits w/Handle & Case]
5194-01 [4 Star Bits w/Case only]
Also sold individually:
S0113 [Universal 4" (10,2 cm) Handle]
5194-10 [T10 with A/O End]
5194-15 [T15 with A/O End]
5194-20 [T20 with A/O End]
5194-25 [T25 with A/O End]
9003 [Case]

Set in Storage Case

USA MADE



Universal Screwdriver Set

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

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

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

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

PRODUCT NO'S:
5195 [Complete Set with Storage Case] *Also sold individually*
5195-01 [Handle]
5195-02 [Straight (single slot)] *Large: 7x1.5 mm, Small: 5x1 mm*
5195-03 [Cross/Cruciate] *Large: 7 mm, Small: 6 mm*
5195-04 [Hex] *Large: 4.5 mm, Small: 3.5 mm*
5195-05 [Phillips] *Large: 4 mm, Small: 3.5 mm*
5195-06 [Small Star: #10 & #15]
5195-07 [Large Star: #20 & #25]

USA MADE

Curved Femoral Head Impactor

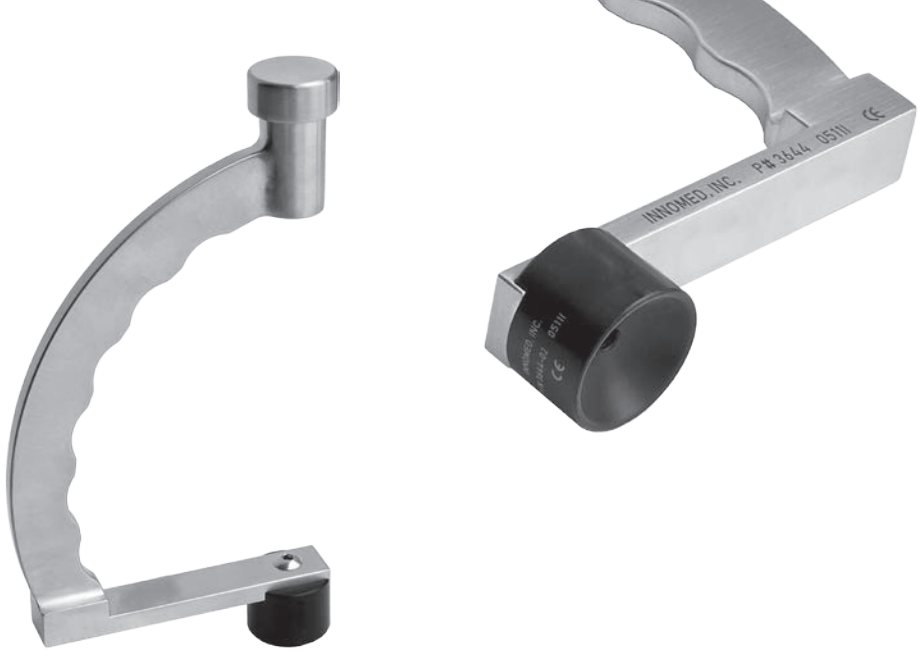
Designed by Amiee Zirpel

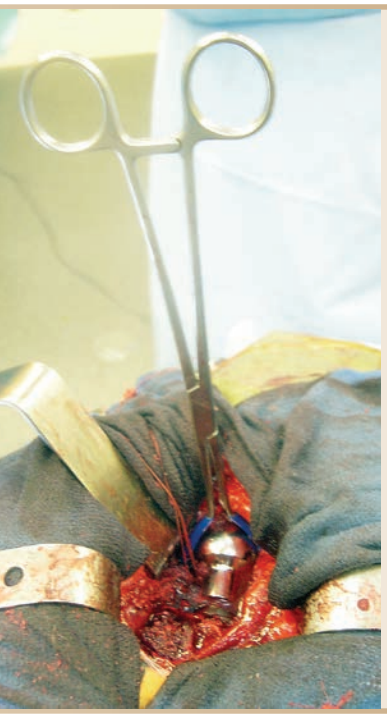
Allows for in-line femoral head impaction during minimally invasive THR

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. The impaction disc is made of delrin, which helps prevent marring and scratching of components.

PRODUCT NO:
3644 *Overall Length: 7.25" (18,4 cm)*

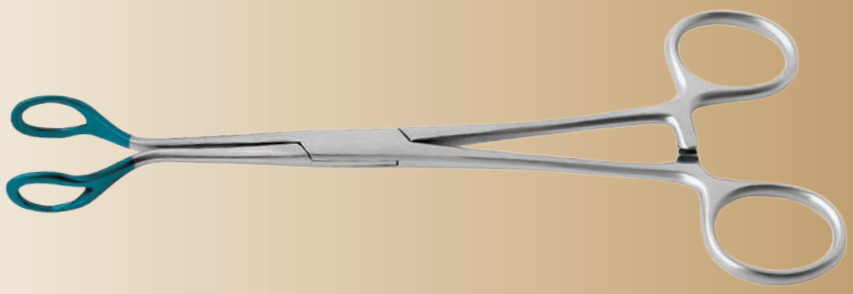
USA MADE





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

Head holding ends are plastic coated to help eliminate any damage to the implant. Available in two lengths. Steam and gas sterilizable.

PRODUCT NO'S:
8290-01 *Overall Length: 7" (17,8 cm)*
8290-02 *Overall Length: 9" (22,9 cm)*

USA MADE

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. Can be used with 22 mm to 36 mm heads. Steam and gas sterilizable.

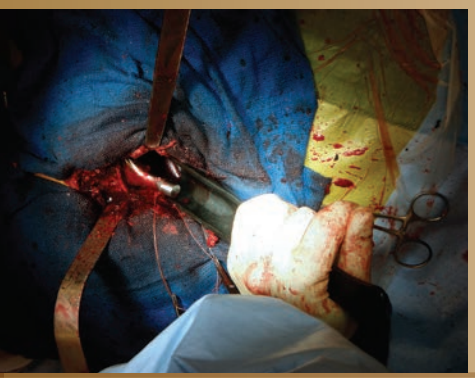
PRODUCT NO:
7840 *Overall Length: 12" (30,5 cm)*

USA MADE

Namba Hip Slide

Designed by Robert S. Namba, MD

Safely glides femoral heads into the acetabulum – essential for ceramic heads



Helps reduce a femoral head trial and implant into the acetabulum during total hip surgery. Manufactured of delrin to help eliminate damage to the implant. Can be steam or gas sterilized and is radiolucent. Three sizes to accommodate different diameter heads.

Facilitates MIS hip replacement procedures

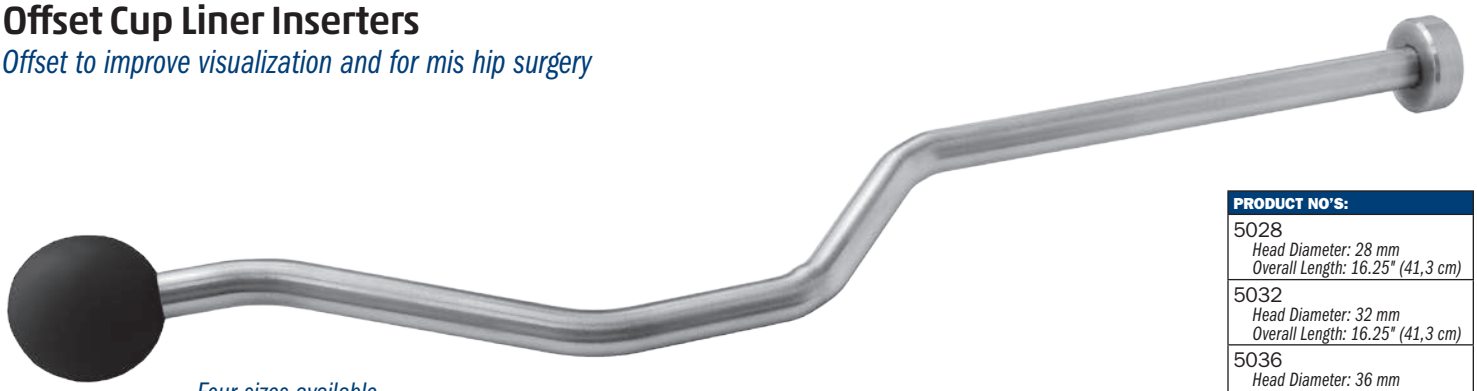
Smallest size now accommodates up to 40 mm

USA MADE

PRODUCT NO'S:	
Overall Length: 12" (30,5 cm)	
6890	*For 22-40 mm heads*
6891	*For 40-48 mm heads*
6892	*For 50-60 mm heads*

Offset Cup Liner Inserters

Offset to improve visualization and for mis hip surgery



Four sizes available

PRODUCT NO'S:	
5028	*Head Diameter: 28 mm* *Overall Length: 16.25" (41,3 cm)*
5032	*Head Diameter: 32 mm* *Overall Length: 16.25" (41,3 cm)*
5036	*Head Diameter: 36 mm* *Overall Length: 16.25" (41,3 cm)*
5038	*Head Diameter: 38 mm* *Overall Length: 16.25" (41,3 cm)*

USA MADE

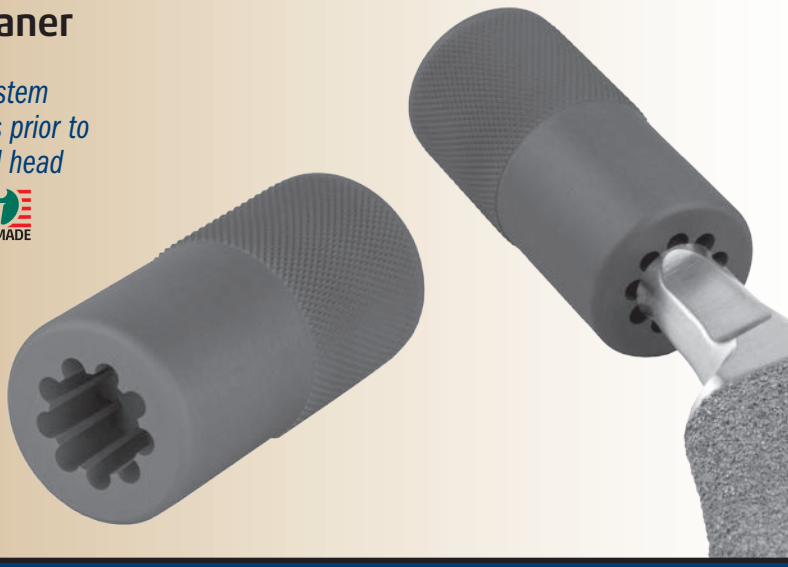
Lombardi Taper Cleaner

Designed by Adolph V. Lombardi Jr., MD

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

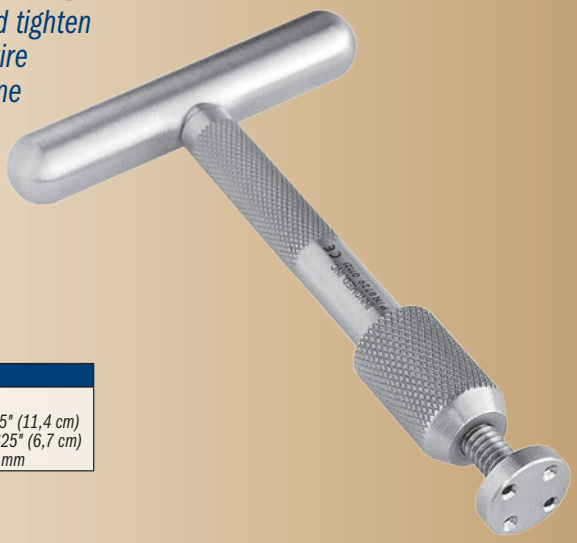
PRODUCT NO'S:	
Overall Length: 2.125" (5,4 cm) *Outside Diameter: 1" (2,54 cm)*	
8034	*Short Taper 11,3/12,2 mm*
8034-01	*Long Taper 11,4/13,4 mm*
8035-01	*11/13 mm*
8035-02	*12/14 mm*
8035-03	*14/16 mm*

USA MADE



DMP Wire Tightener

Used to hand tighten a cerclage wire around a bone



Now with four wire holes – two for up to 20 gauge wires, and two for up to 18 gauge wires. T-Handle end is used to hand tighten a wire.

Designed by DMP

PRODUCT NO:
8729 *Overall Length: 4.5" (11,4 cm)* *Handle Width: 2.625" (6,7 cm)* *End Diameter: 15 mm*

USA MADE

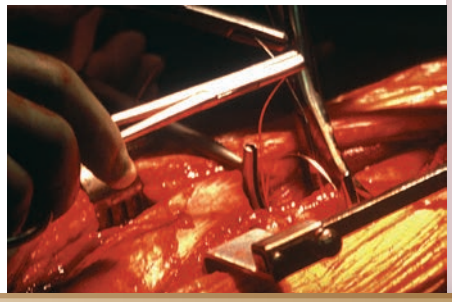
Incavo Wire Passer

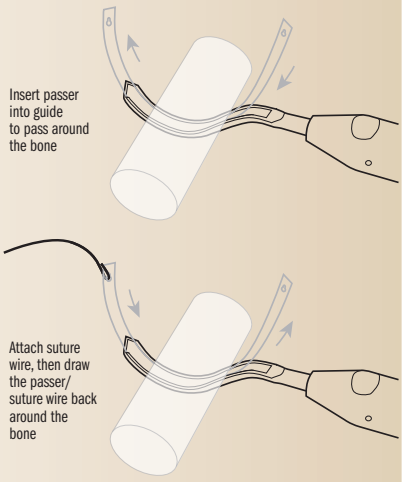
Designed by Stephen J. Incavo, MD

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

PRODUCT NO'S:
8610-01 [Small] *Overall Length: 7.5" (19,1 cm)* *Accepts Wire Up To: 4 mm (5/32")*
8610-02 [Large] *Overall Length: 8.675" (21,9 cm)* *Accepts Wire Up To: 4 mm (5/32")*

USA MADE





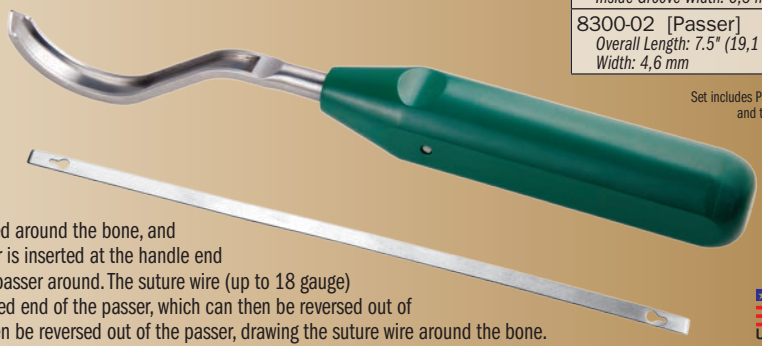
Whelan Double-Ended Suture Wire Passer

Designed by E. J. Whelan, III, MD

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

PRODUCT NO'S:
8300-00 [Set]
Also available individually:
8300-01 [Passer Guide] *Overall Length: 8.125" (20,6 cm)* *Outside Width: 9 mm* *Inside Groove Width: 6,5 mm*
8300-02 [Passer] *Overall Length: 7.5" (19,1 cm)* *Width: 4,6 mm*

Set includes Passer Guide and two Passers.



The passer guide is placed around the bone, and the thin malleable passer is inserted at the handle end and follows the grooved passer around. The suture wire (up to 18 gauge) is attached to the keyholed end of the passer, which can then be reversed out of the passer, which can then be reversed out of the passer, drawing the suture wire around the bone.

USA MADE

New!

Browner Wire Tightener

Designed by Bruce D. Browner, MD

Wire is passed through the distal arm hole and into the separate drum holes, and can then be tightened and rotated before being cut with a wire cutter

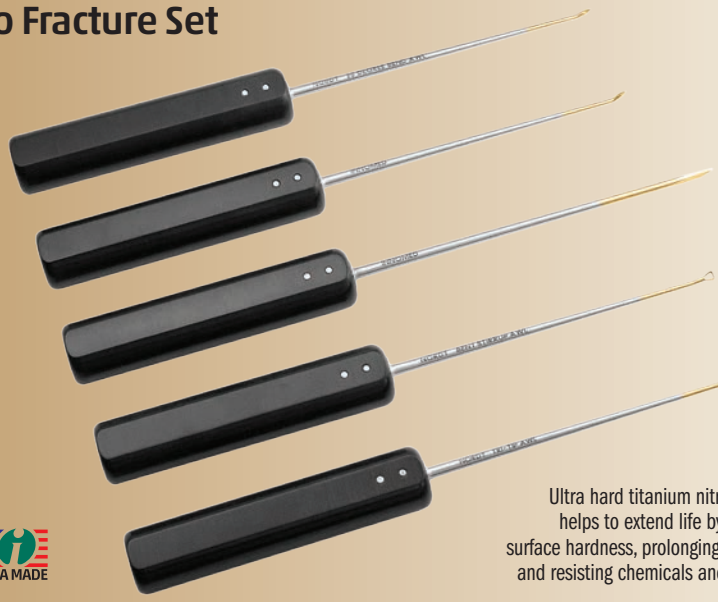
PRODUCT NO:
8251 *Overall Length: 6" (15,2 cm)* *Width: 3.75" (9,5 cm)* *Wire Hole Diameters: .125" (3,2 mm)*

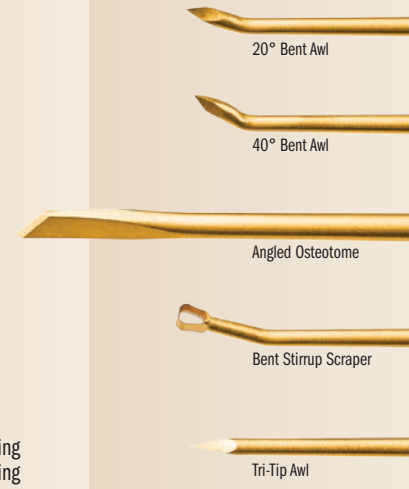
USA MADE

Nordt Precision Micro Fracture Set

Designed by William E. Nordt, III, MD

- Helps create sharp cartilage shoulders
- Precise microfracture points

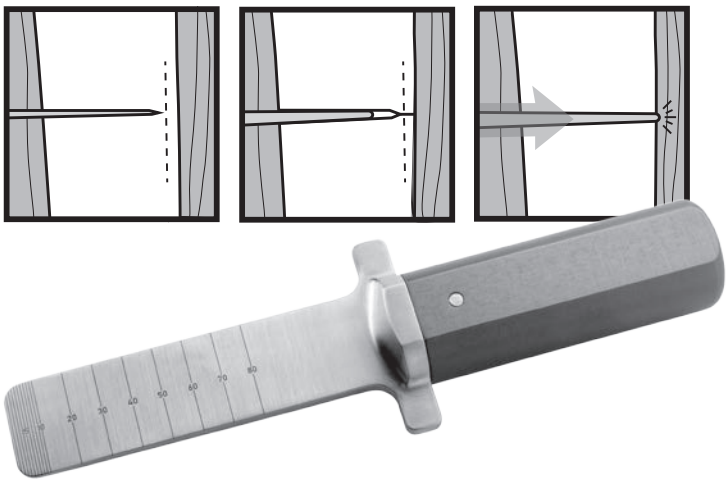




Ultra hard titanium nitride coating helps to extend life by increasing surface hardness, prolonging sharpness, and resisting chemicals and corrosion.

PRODUCT NO'S:
8025-00 [Complete Set]
Also available individually:
8025-01 [20° Bent Awl] *Overall Length: 10" (25,4 cm)*
8025-02 [40° Bent Awl] *Overall Length: 10" (25,4 cm)*
8025-03 [Angled Osteotome] *Overall Length: 10.875" (27,6 cm)*
8025-04 [Bent Stirrup Scraper] *Overall Length: 10.125" (25,7 cm)*
8025-05 [Tri-Tip Awl] *Overall Length: 10" (25,4 cm)*
8025-CASE [Case]

USA MADE



Paulos Osteo Wedge

Designed by Lonnie E. Paulos, MD

Designed to help cut and separate bone segments for angular corrections of long bones

After an initial bone cut has been made with a saw blade or sharp osteotome–but before penetrating through it–the osteo wedge can be used to help complete the bone cut through the opposite cortex by splitting the bone.

If the osteo wedge does penetrate, it is blunt and rounded, helping to prevent damage to the soft tissues and other structures contiguous to the bone cortex.

The osteo wedge can be used anytime both cortices of a bone are osteotomized. Helpful when correcting mal-unions, growth deformities, collecting bone graft material, etc. Can be used on the femur, tibia, humerus, clavicle, calcaneous, metatarsals/metacarpals, pelvis, and vertebral bodies.

PRODUCT NO:
6425-03 *Overall Length: 9.375" (23,8 cm)* *Blade Width: 37.8 mm*

USA MADE

Browner MIS Bone Clamp

Designed by Bruce D. Browner, MD

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

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

PRODUCT NO:
1379 *Overall Length: 9.25" to 11.5"" (23,5 to 29,2 cm)* *Maximum Bone Diameter: ~ 35 mm*

USA MADE

New!

Chen Diaphyseal Fracture Reduction Clamp

Designed by Franklin Chen, MD

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

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

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

PRODUCT NO:
1808 *Overall Length: 9.25" (23,5 cm)* *Arm Downward Offset: 15 mm* *Pad Dimensions: 1" x .375" (25,4 cm x 1 cm)*

USA MADE

Radiolucent Small Bone Clamp

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

PRODUCT NO:
1828 *Overall Length: 7" (17,8 cm)*

USA MADE

New!

Weinert Bone Holding Reduction Clamp

Designed by Carl R. Weinert, MD

Designed to securely hold fracture reductions

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

PRODUCT NO:
1755 *Overall Length: 8.5" (21,6 cm)* *Jaw opens to: 3" (7,6 cm)*

USA MADE

Stoll Bone Plate Clamp

Designed by Jordan Stoll, MD

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

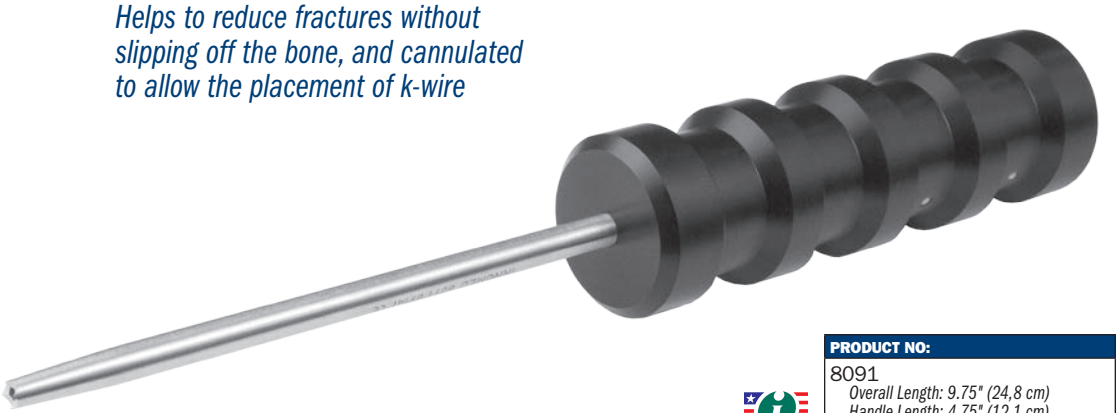
PRODUCT NO:
1774 *Overall Length: 10" (25,4 cm)*

USA MADE

New!

Cannulated Fracture Awl

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



USA MADE

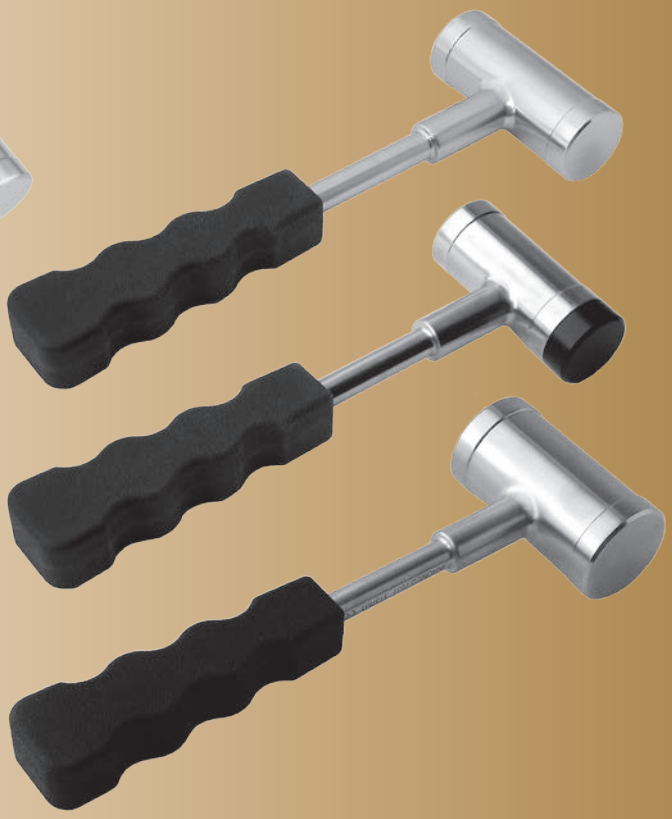
PRODUCT NO:
8091 *Overall Length: 9.75" (24,8 cm)* *Handle Length: 4.75" (12,1 cm)* *Cannula fits wire up to: .062" (1.6 mm)*

Soft Impact Mallets
with Easy Grip Handles

Provides shock-absorbing force

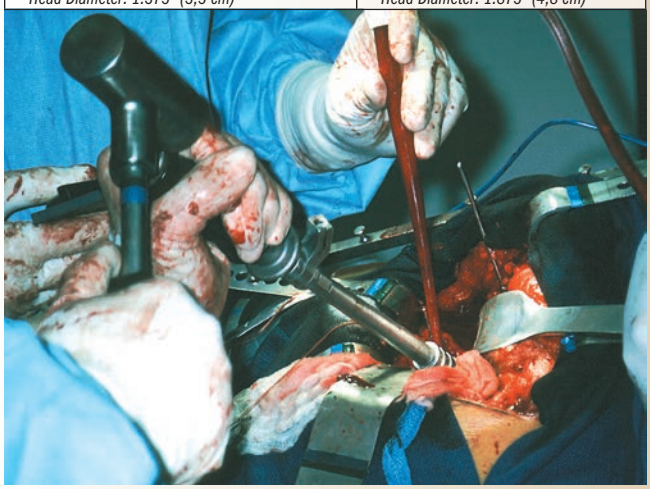
Designed to have a shock-absorbing force, providing less bounce or wasted force. The mallets are filled with a shock-absorbing media and has a flat striking surface to keep the mallets centered on an instrument.

Soft Impact Mallet with Weidman Silicone Handle



USA MADE

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



Easy Grip
Textured Soft Silicone
Handles

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

Jones Mallet

Designed by Dickie Jones, MD

Unique hand fitting shape provides superior gripping strength

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

USA MADE

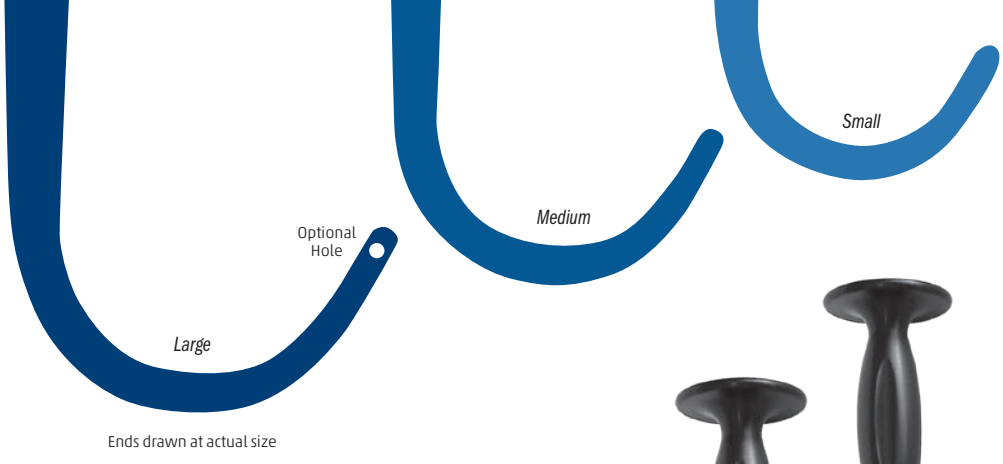
PRODUCT NO:
7825 [2.4 lbs] *Overall Length: 8.25" (21 cm)* *Head Width: 3" (7,6 cm)* *Head Diameter: 1.5" (3,8 cm)*

Ortho Mallets
with Easy Grip Handles

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

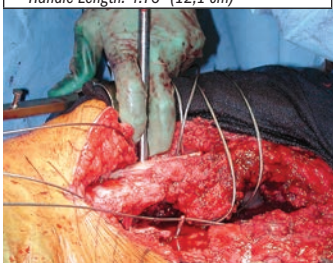
PRODUCT NO'S:	
7810 [Small] *Overall Length: 8" (20,3 cm)* *Handle Length: 4.5" (11,4 cm)* *Head Weight: 1 lb. (.45 kg)* *Head Diameter: 1.3125"*	7815 [Large] *Overall Length: 8" (20,3 cm)* *Handle Length: 4.5" (11,4 cm)* *Head Weight: 1.75 lb. (.8 kg)* *Head Diameter: 1.5" (3,8 cm)*

USA MADE



Ends drawn at actual size

PRODUCT NO'S:
5910 [Small] *Curve Diameter: 25 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75" (12,1 cm)*
5915 [Medium] *Curve Diameter: 35 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75" (12,1 cm)*
5920 [Large] *Curve Diameter: 50 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75" (12,1 cm)*
5920-01 [Large w/ Cable/Wire Hole] Designed by: R.L. Wixson, MD & J. McCarthy, MD *Cable/Wire Hole Diameter: 2 mm* *Curve Diameter: 50 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75" (12,1 cm)*



USA MADE

Bone Hooks

Designed by R.L. Wixson, MD

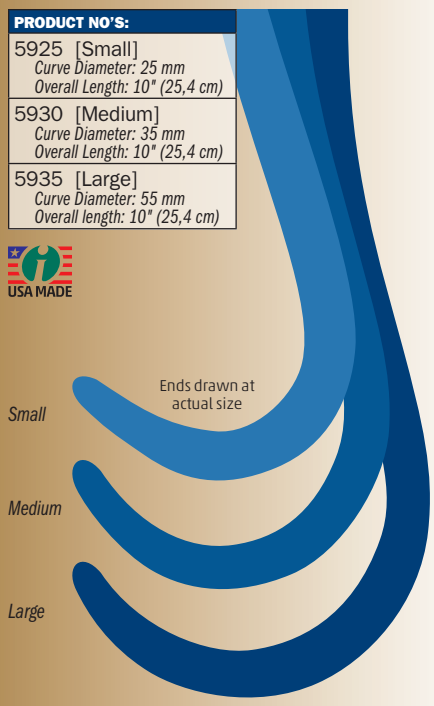
Designed for proximal femoral elevation in total hip replacement or in other surgery with a similar need for bone manipulation. The instrument has a blunt tip and a large handle to accommodate the use of two hands if desired.

Lombardi Bone Hooks

Designed by Adolph V. Lombardi, MD

PRODUCT NO'S:
5925 [Small] *Curve Diameter: 25 mm* *Overall Length: 10" (25,4 cm)*
5930 [Medium] *Curve Diameter: 35 mm* *Overall Length: 10" (25,4 cm)*
5935 [Large] *Curve Diameter: 55 mm* *Overall length: 10" (25,4 cm)*

USA MADE



Sarraf Spearhead Cement Exciser

Designed by Khaled M. Sarraf, MD

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

PRODUCT NO:
5211 *Overall Length: 7.75" (19,7 cm)*

USA MADE

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

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

Sarraf Cement Trimmer

Designed by Khaled M. Sarraf, MD

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

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

USA MADE

PRODUCT NO:
5635 *Overall Length: 8" (20,3 cm)* *Freer End: 5 mm* *Cup End: 10 mm*

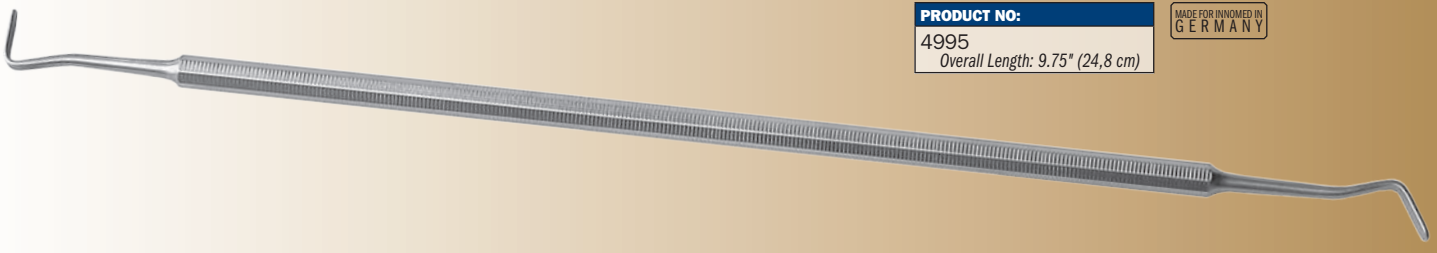
Made of Delrin

USA MADE

Robb Cement Curette

Designed by William Robb, MD

Designed to help remove cement around a hip or knee prosthesis



Cement Packer & Trimmer

Designed by Harlan C. Amstutz, MD

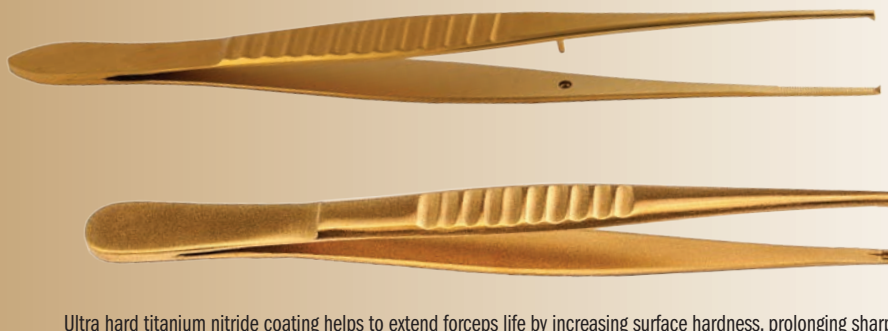
PRODUCT NO:
4995 *Overall Length: 9.75" (24,8 cm)*

MADE FOR INNOMED IN GERMANY

Sarraf TiN Coated Cement Removal Forceps

Designed by Khaled M. Sarraf, MD

New!



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

USA MADE

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

Bozeman Cement Trimmer

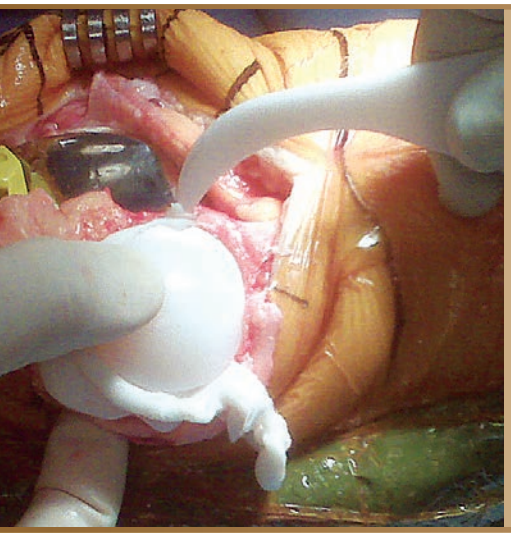
Designed by Daniel M. Gannon, MD

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

Combines the two most common cement trimming tools into one

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Seachris Delrin Cement Scraper

Designed by Timothy Seachris

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

PRODUCT NO:
5218 *Overall Length: 5" (12,7 cm)* *Thickness: 1/8" (3.1 mm)*

USA MADE

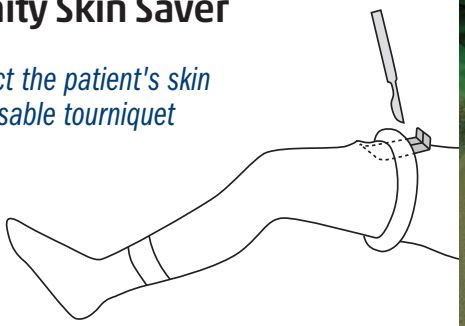
PRODUCT NO:
8628 *Overall Length: 4.75" (12,1 cm)* *Width: 1.5" (3,8 cm)* *Lip: .5" (1,3 cm)*

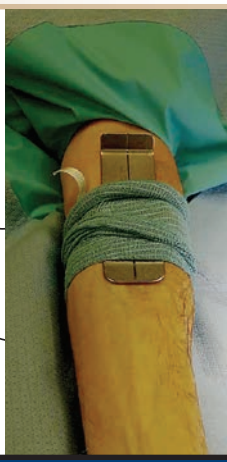
USA MADE

Dodson Extremity Skin Saver

Designed by Mark A. Dodson, MD

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





Protect your hands!

Radiation Attenuating Surgical Gloves

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

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

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

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

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

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

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

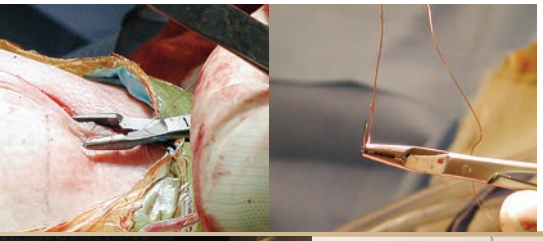
Average Radiation Attenuation Levels Measured in the Direct Beam

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

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

USA MADE

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



Longer sizes are helpful in orthopedics

Orthopedic Needle Holder/Scissors

Drive a needle and cut a suture without changing instruments

PRODUCT NO'S:	
Standard Tips	*Tungsten Carbide Tips*
	3045 *4.5" (11,4 cm)*
3050 *5.5" (14 cm)*	3055 *5.5" (14 cm)*
3060 *6.5" (16,5 cm)*	3065 *6.5" (16,5 cm)*
3070 *7.0" (17,8 cm)*	3075 *7.0" (17,8 cm)*

MADE FOR INNOMED IN GERMANY

Stanton Needle Driver

Designed by John L. Stanton, MD, FACS

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

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

PRODUCT NO:
3042 *Overall Length: 6.75 (17,1 cm)* *Jaw Width: .25" (6,3 mm)*

USA MADE

Cobb Elevators

Two Sizes Available With or Without Teeth

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

PRODUCT NO'S:
WITH TEETH
3432 [1/2" with Teeth] *Overall Length: 11" (27,9 cm)* *Blade Width: 1/2" (13 mm)*
3434 [1" with Teeth] *Overall Length: 11" (27,9 cm)* *Blade Width: 1" (25,4 mm)*
WITHOUT TEETH
3436 [1/2" without Teeth] *Overall Length: 11" (27,9 cm)* *Blade Width: 1/2" (13 mm)*
3438 [1" without Teeth] *Overall Length: 11" (27,9 cm)* *Blade Width: 1" (25,4 mm)*

USA MADE

New!

STYLE WITH TEETH AVAILABLE

Bradley Periosteal Elevator

Designed by Gary W. Bradley, MD

PRODUCT NO:
4719 [3/4"] *Overall Length: 11" (27,9 cm)* *Blade Width: .75" (19 mm)*
4720 [1/2"] *Overall Length: 11" (27,9 cm)* *Blade Width: .5" (13 mm)*

USA MADE

New!

SMALLER SIZE AVAILABLE

Periosteal Elevator

Designed for better control

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

PRODUCT NO'S:	
3450 [Curved] *Overall Length: 7.5"* *Handle Length: 4.5" (11,4 cm)* *Blade Size: 16x13 mm*	3455 [Straight] *Overall Length: 7.75"* *Handle Length: 4.5" (11,4 cm)* *Blade Size: 19x14 mm*

USA MADE

Adson Forceps with Cobb Elevator End

Designed by Oscar Castro-Aragon, MD

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

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

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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

Mini-lexer Osteotomes

Helpful in osteophyte and cement removal

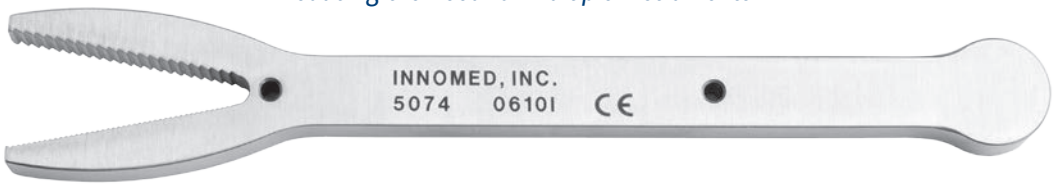
Small, thin osteotomes helpful in osteophyte and cement removal in total joint surgery. Larger handle helps with better control.

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

MADE FOR INNOMED IN GERMANY

Universal Multi-Nut Wrench

Designed to allow single-tool adjustment to any size nut from 1/4" to 3/4" (6.4 mm to 19 mm), reducing the need for multiple instruments



PRODUCT NO:
5074 *Overall Length: 7" (17,8 cm)* *Wrench End: 3/4" to 1/4" (19 mm to 6.4 mm)*

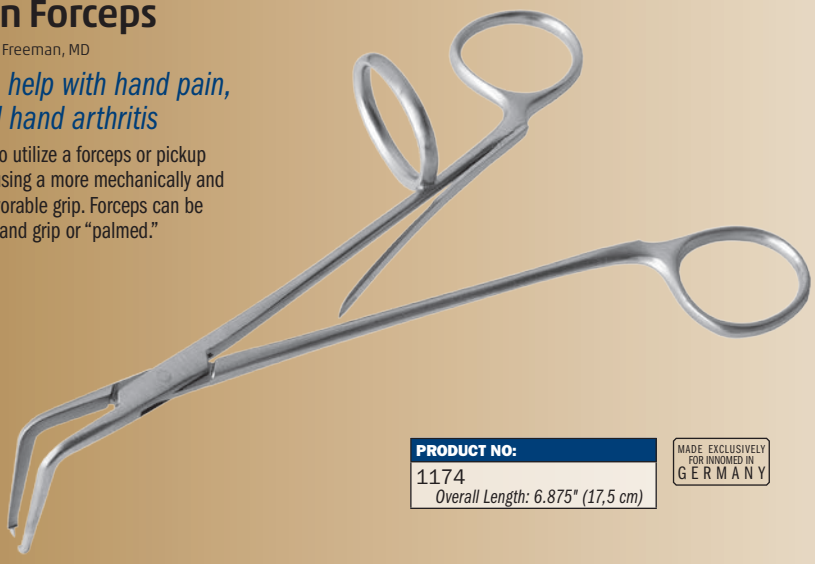
USA MADE

Freeman Forceps

Designed by Carl R. Freeman, MD

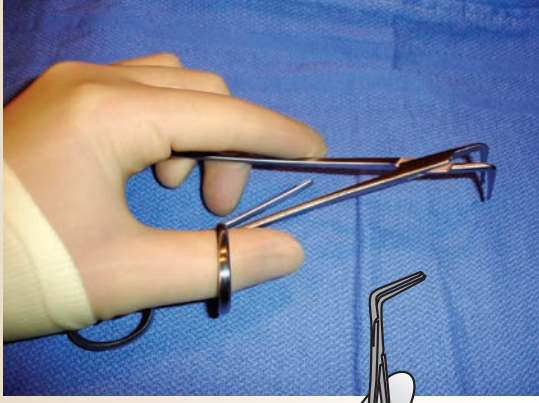
Designed to help with hand pain, fatigue, and hand arthritis

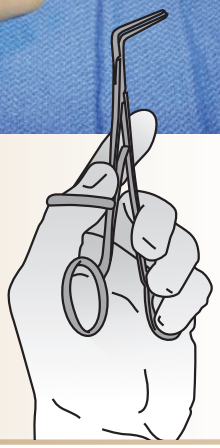
Allows surgeons to utilize a forceps or pickup type instrument using a more mechanically and ergonomically favorable grip. Forceps can be used with a full-hand grip or "palmed."



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

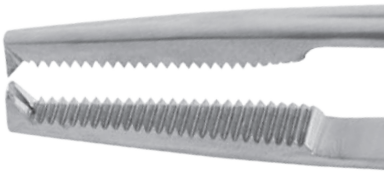
MADE EXCLUSIVELY FOR INNOMED IN GERMANY





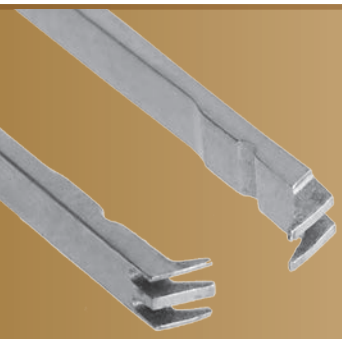
Long Bonney Tissue Forceps

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



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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY



Charnley Type Tissue Needle Forceps

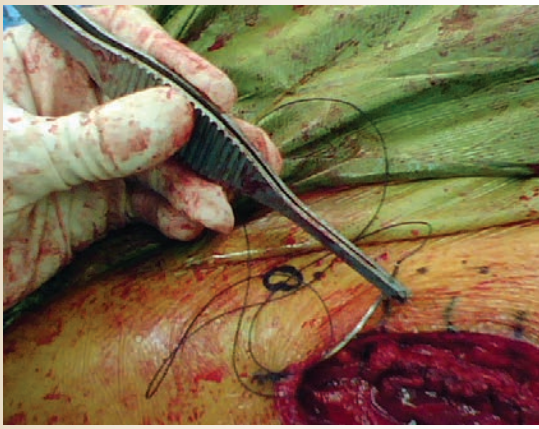
Designed by Amal Das Jr., MD

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

Can also help retrieve a needle in a tight area.

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

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



Ortho Suction Tube

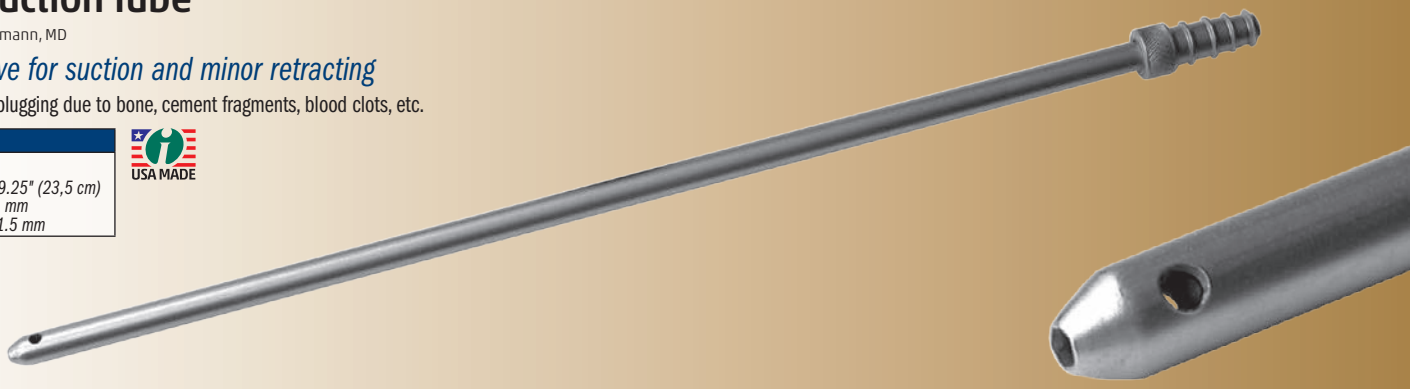
Designed by T. Eickmann, MD

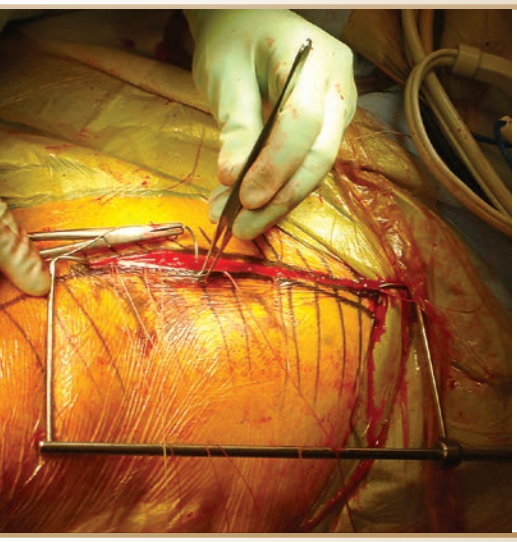
Very effective for suction and minor retracting

Helps eliminate plugging due to bone, cement fragments, blood clots, etc.

PRODUCT NO:
5465 *Overall Length: 9.25" (23,5 cm)* *End Hole Dia.: 1 mm* *Side Hole Dia.: 1.5 mm*

USA MADE





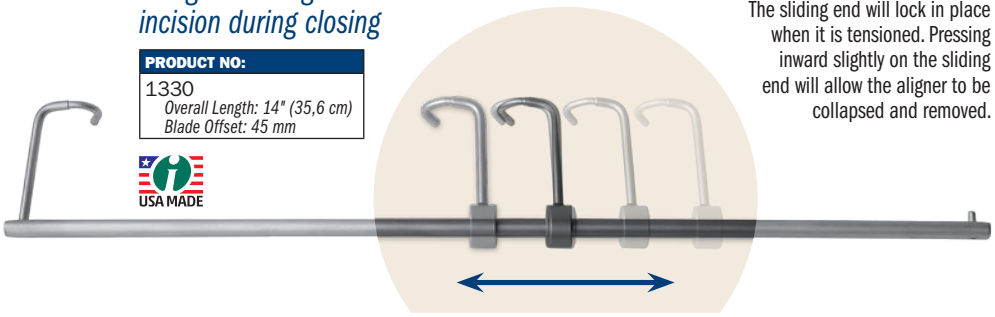
Incision Aligner

Designed by DMP

Designed to align an incision during closing

PRODUCT NO:
1330 *Overall Length: 14" (35,6 cm)* *Blade Offset: 45 mm*

USA MADE



The bent ends of the aligner are placed at each end of an incision, which is aligned by pulling outward on each end. The sliding end will lock in place when it is tensioned. Pressing inward slightly on the sliding end will allow the aligner to be collapsed and removed.

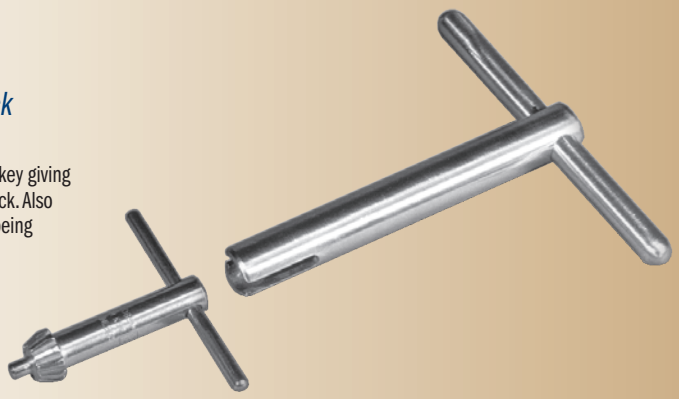
Chuck Key Handle

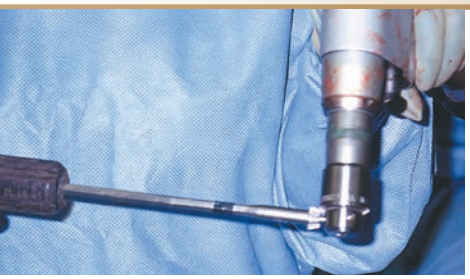
Snaps onto a standard chuck key for better leverage

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

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

USA MADE

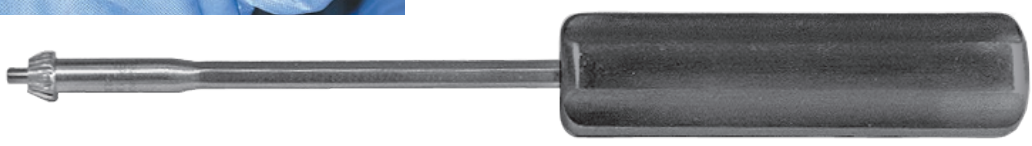




Large Handle Chuck Key

For easy tightening/untightening of a chuck

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

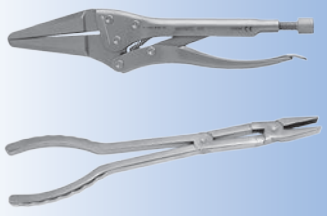


PRODUCT NO:
5517-01 *Chuck Size: 1/4" (6,4 mm)* *Overall Length: 10.5" (26,7 cm)* *Handle Length: 4.5" (11,4 cm)*

USA MADE

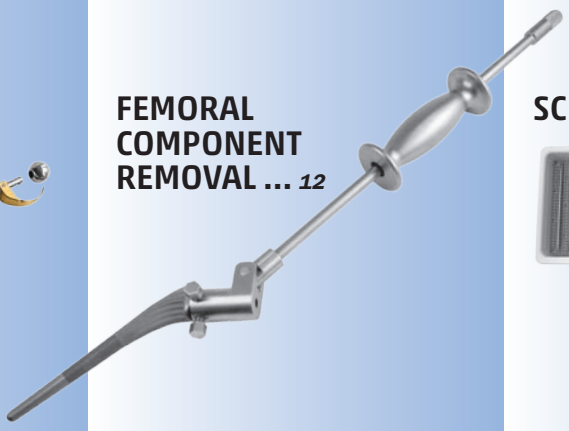
HIP REVISION Pages 3 – 17

ORTHOVISE & PLIERS ... 3



CUP & LINER REMOVAL ... 4

FEMORAL COMPONENT REMOVAL ... 12



SCREW REMOVAL ... 15

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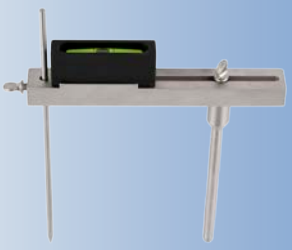
LEG LENGTH & MEASURING TOOLS ... 18

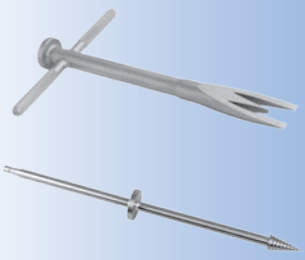


INTRAMEDULLARY TOOLS... 24

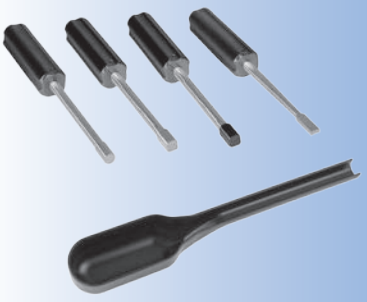
CURETTES, OSTEOTOMES, and SCISSORS ... 25

RONGEURS & GRASPERS... 28

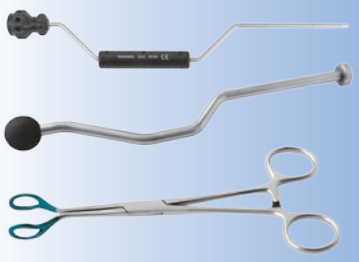
FEMORAL HEAD REMOVERS ... 32



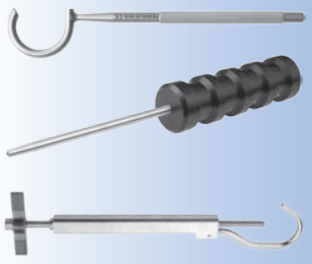
GRAFTING TOOLS ... 36



DRIVERS, INSERTERS AND IMPACTORS... 39

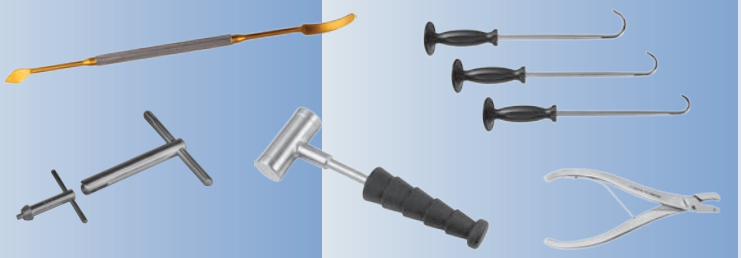


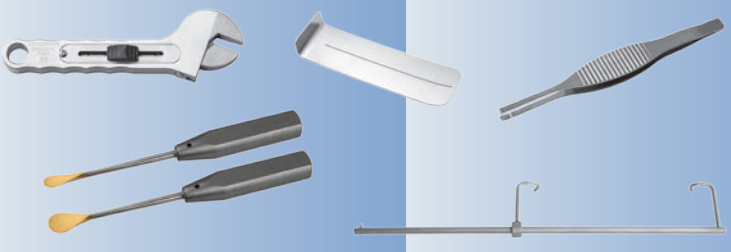
WIRE AND FRACTURE TOOLS ... 42



GENERAL ORTHOPEDIC Pages 46 – 53

Bone Hooks, Mallets. Gloves, Scissors, Forceps, Periosteal Elevators, Cement Tools, Chucks, Pliers, Wrenches, Suction Tube, Osteotomes, Cutters

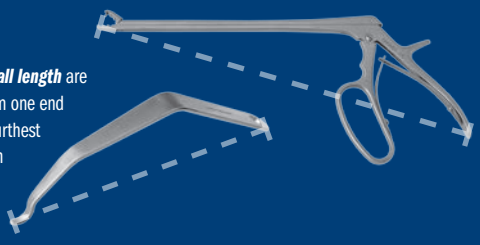


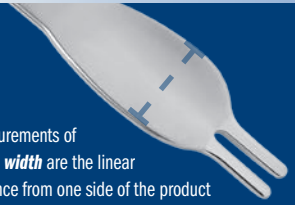


Measurements in this Catalog

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

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





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

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03-16

Whelan Curved Chisel Guide

Designed by E. J. Whelan, III, MD

New!

See page 8 for Details

USA MADE

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