INNOMED

ORTHOPEDIC INSTRUMENTS

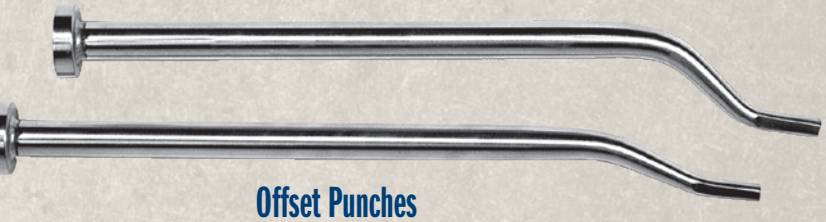
AUGUST
2024

Lachiewicz Total Knee Revision Set
Page 7

Screw Removal Locking Pliers
Page 13

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

Foster Tibial Component Disimpactor
Page 5



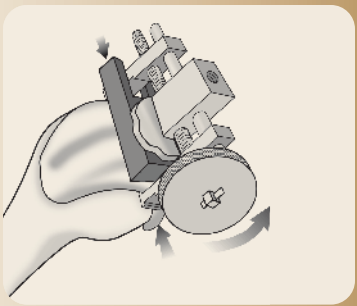
Offset Punches
Page 20

Lawrence Revision Knee Gap Balancing Tensioner Set
Page 3

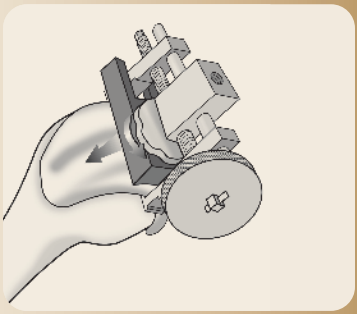
Revision/Extraction Instruments

1.800.548.2362 INNOMED.NET

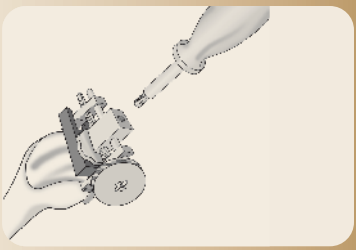
Attaching Jaws To Component
The jaws are tightened against the femoral component with the socket wrench or tightening wheel.



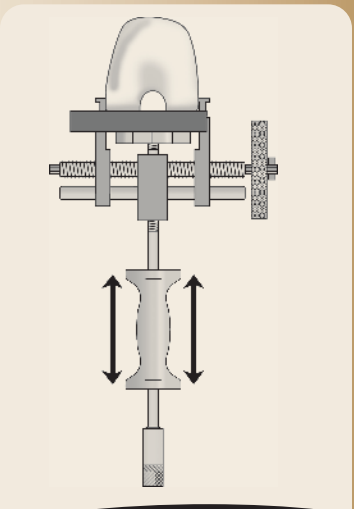
Stabilizing The Component
The delrin stabilizing insert is tightened against the femoral component by rotating the thumbwheel.



Attaching Slap Hammer Assembly
The slap hammer assembly is threaded into the extractor body.



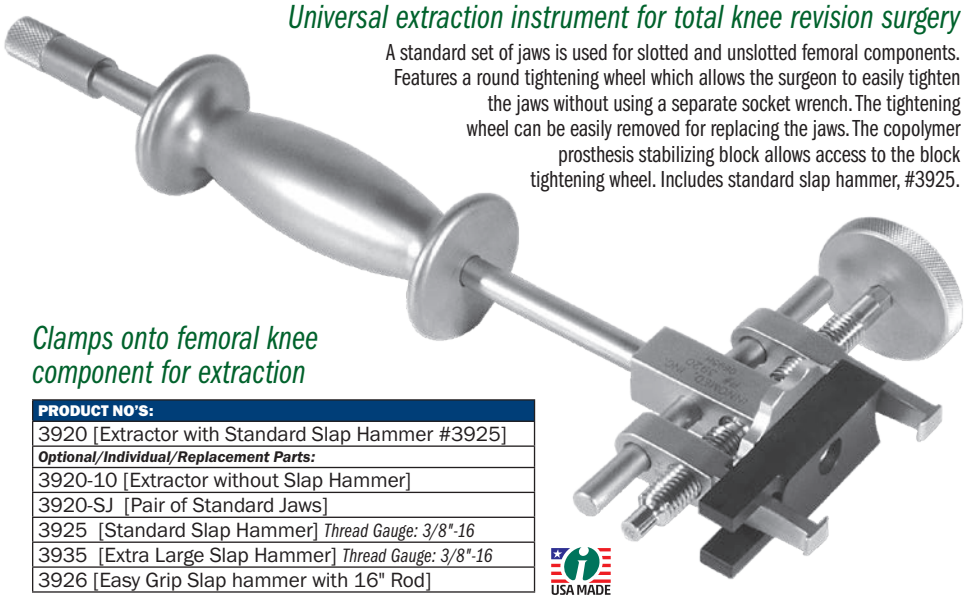
Using Slap Hammer Assembly To Remove Component
The slap hammer is also designed with a hammer flare for optional use with a mallet.



Femoral Component Extractor

Universal extraction instrument for total knee revision surgery

A standard set of jaws is used for slotted and unslotted femoral components. Features a round tightening wheel which allows the surgeon to easily tighten the jaws without using a separate socket wrench. The tightening wheel can be easily removed for replacing the jaws. The copolymer prosthesis stabilizing block allows access to the block tightening wheel. Includes standard slap hammer, #3925.

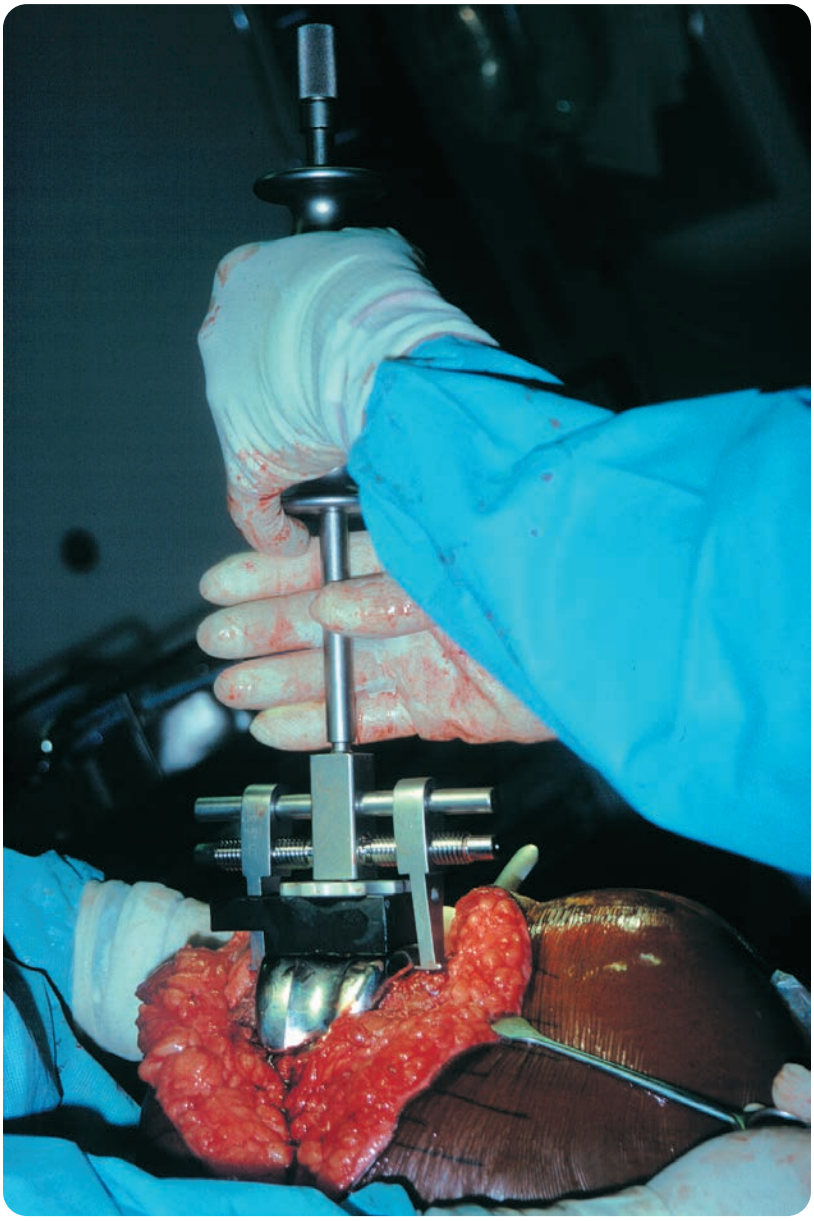


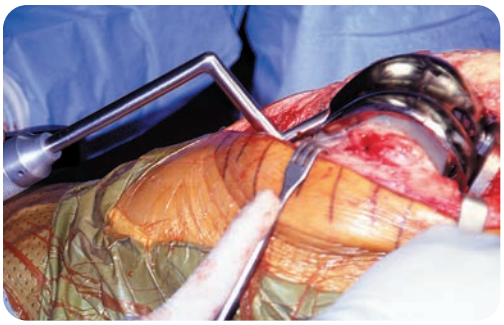
Clamps onto femoral knee component for extraction

PRODUCT NO'S:
3920 [Extractor with Standard Slap Hammer #3925]
Optional/Individual/Replacement Parts:
3920-10 [Extractor without Slap Hammer]
3920-SJ [Pair of Standard Jaws]
3925 [Standard Slap Hammer] *Thread Gauge: 3/8"-16*
3935 [Extra Large Slap Hammer] *Thread Gauge: 3/8"-16*
3926 [Easy Grip Slap hammer with 16" Rod]

USA MADE

See page 21 for alternative slap hammers.





Boynton Punch

Designed by L. Boynton, MD

Helpful in removing trial, femoral and revision total knee components

Standard #5120-01

Offset #5120-02

The flange end fits onto the flange of a femoral knee component or trial.

USA MADE

PRODUCT NO'S:	
5120-01 [Standard] *Overall Length: 11.75" (29,8 cm)* *Shaft Diameter: 9,5 mm*	5120-02 [Offset] *Overall Length: 11.75" (29,8 cm)* *Shaft Diameter: 9,5 mm* *Punch End Offset: 60 mm*

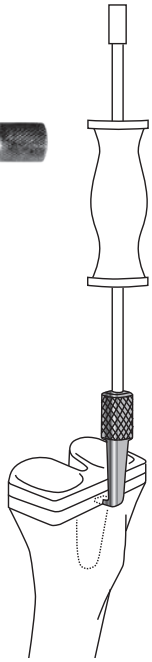
Tibia Tray Removal Hooks

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

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

4 mm Gorski Hook Only #3650-01

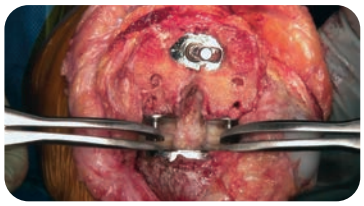
8 mm Brown Gorski Hook Only #3655-01

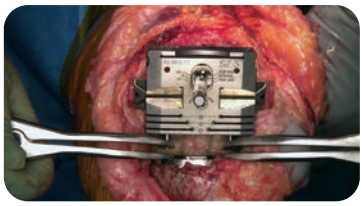


PRODUCT NO'S:	
3650	[4 mm Gorski Hook w/Standard Slap Hammer #3925]
3650-01	[4 mm Gorski Hook Only]
3655	[8 mm Brown Gorski Hook w/Standard Slap Hammer #3925]
3655-01	[8 mm Brown Gorski Hook Only]
Optional Items:	
3935 [Extra Large Slap Hammer Only]	*Thread Gauge: 3/8"-16*
3926 [Easy Grip Slap hammer with 16" Rod]	

See page 21 for alternative slap hammers.

USA MADE





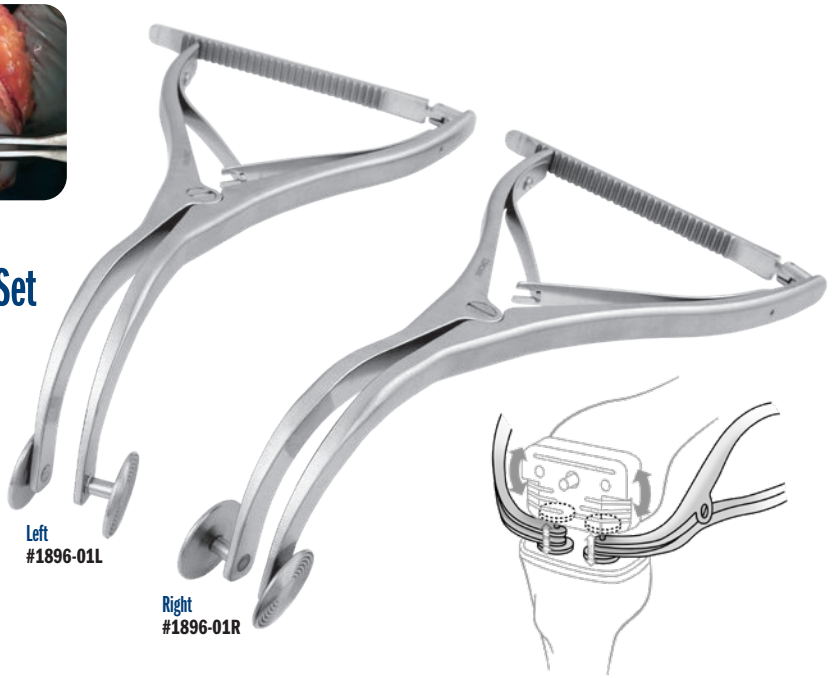
Lawrence Revision Knee Gap Balancing Tensioner Set

Designed by Jeffrey M. Lawrence, MD

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

PRODUCT NO'S:
1896-01 [Set – Left & Right]
Set Includes / Available Individually:
1896-01L [Left] *Overall Length: 9.25" (23,5 cm)* *Pad Diameter: 1" (2,5 cm)*
1896-01R [Right] *Overall Length: 9.25" (23,5 cm)* *Pad Diameter: 1" (2,5 cm)*

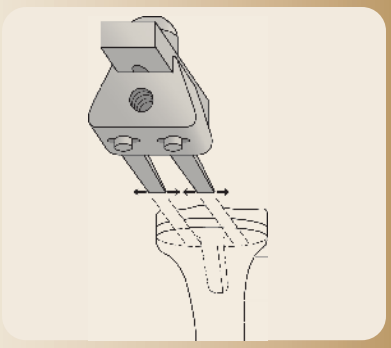
USA MADE



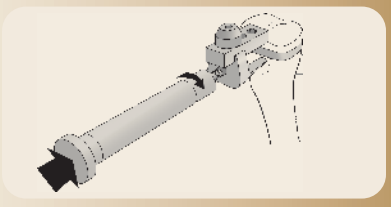
Left #1896-01L

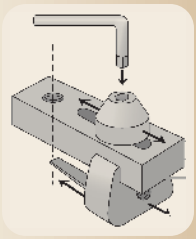
Right #1896-01R

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

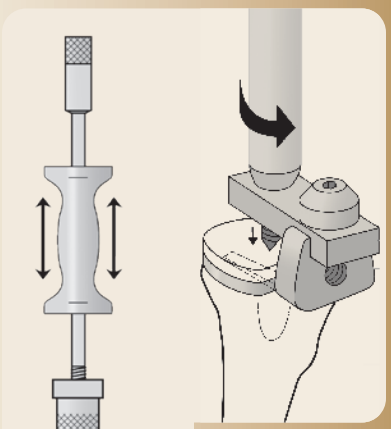


Driving Blades Under Component
The blades are driven under the tibial base.





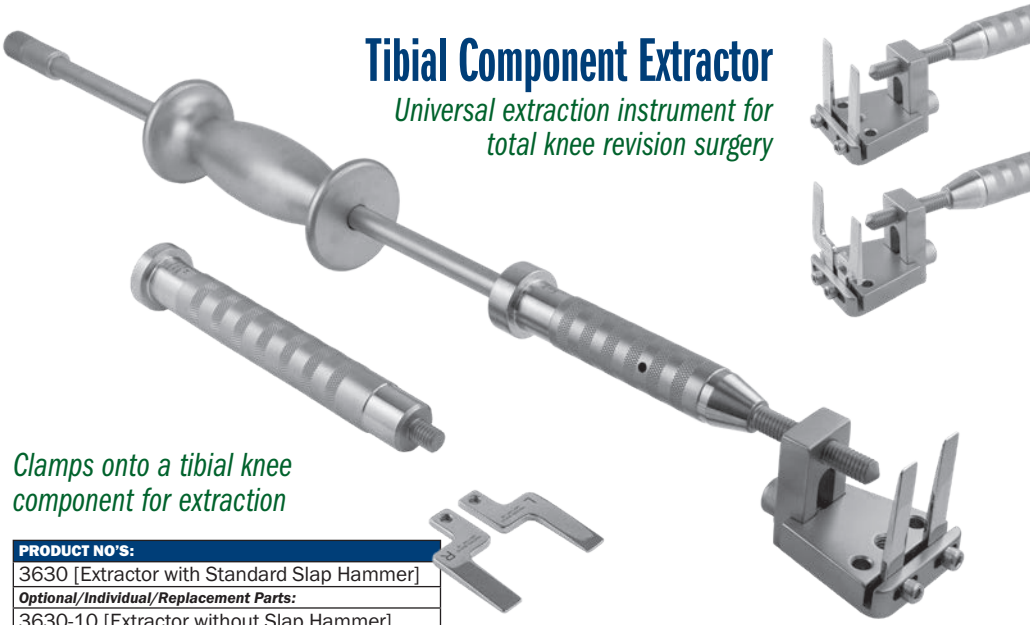
Tightening Threaded Rod Onto Component
The site hole for the pointed, threaded rod can be aligned with the proximal surface of the tibial component by using the included hex wrench system. The pointed, threaded rod is tightened onto either a polyethylene or metal tibial component.



Attaching Slap Hammer Assembly & Removing Component
The slap hammer assembly is threaded into the threaded rod handle for removal of the component.

Tibial Component Extractor

Universal extraction instrument for total knee revision surgery

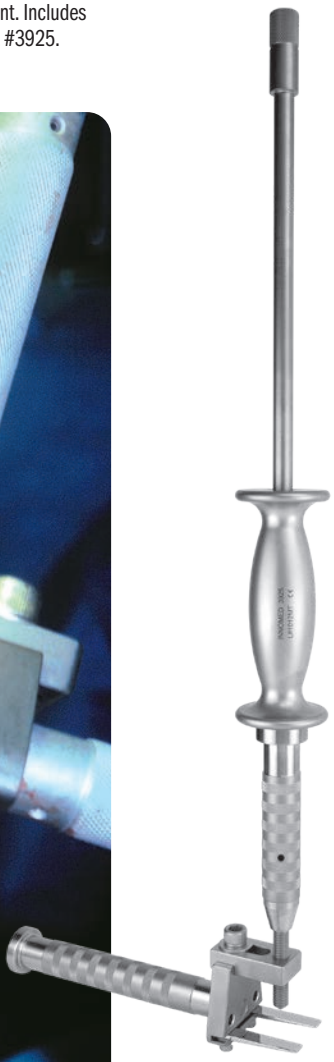


Clamps onto a tibial knee component for extraction

PRODUCT NO'S:
3630 [Extractor with Standard Slap Hammer]
Optional/Individual/Replacement Parts:
3630-10 [Extractor without Slap Hammer]
3630-01 [Pair of Standard Blades] *10 mm x 5 0mm*
3630-02 [Pair of Offset Blades] *10 mm x 50 mm, Offset 15 mm*
3630-HS [Hex Screws] *Pkg of 6*
3925 [Standard Slap Hammer] *Thread Gauge: 3/8"-16*
3935 [Extra Large Slap Hammer] *Thread Gauge: 3/8"-16*
3926 [Easy Grip Slap hammer with 16" Rod]

See page 21 for alternative slap hammers.

Designed to lock onto a tibial component and extract in line with the stem or pegs. Two adjustable osteotomes are inserted on the underside of the component. A locking screw clamps on to the top of the extractor to secure the component. Includes standard slap hammer, #3925.

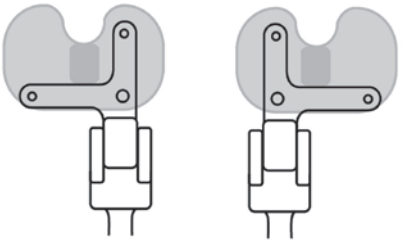


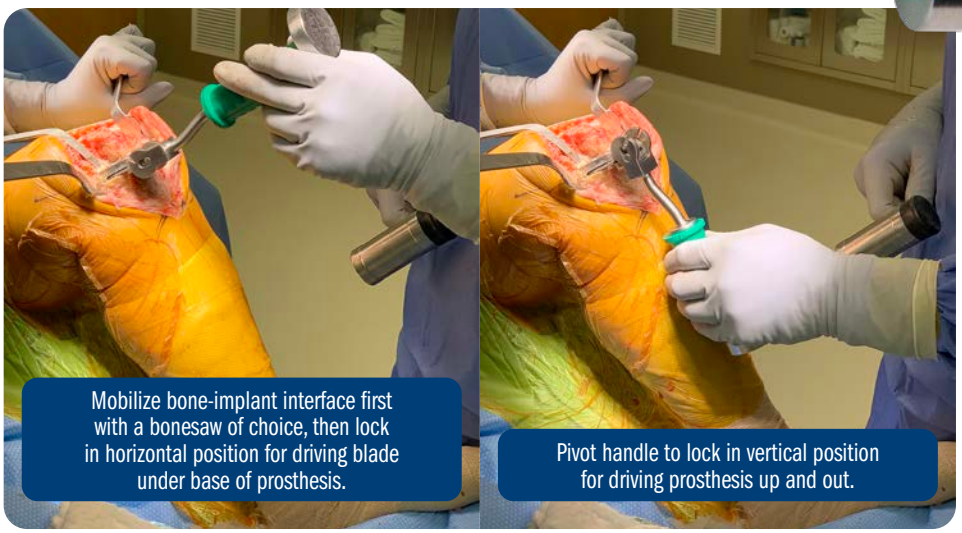
USA MADE

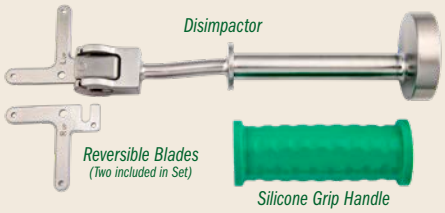
Foster Tibial Component Disimpactor

Designed by Scott A. Foster, MD

Designed to help with removal of a total knee tibial component

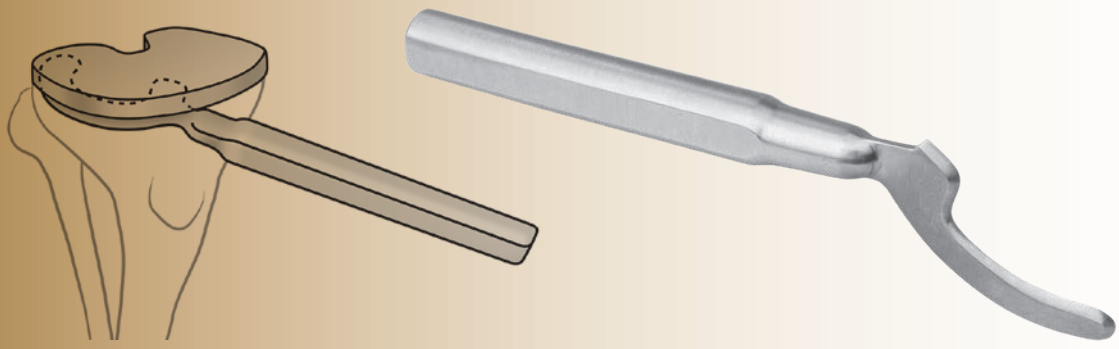






PRODUCT NO'S:
1213-00 [Set]
Set Includes / Available Individually:
1213-01 [Foster Tibial Prosthesis Disimpactor] *Overall Length: 14" (35,6 cm)* *Depth from Bend: 4.5" (11,4 cm)* *Fixed Handle Width: 5.5" (14 cm)*
1213-B [Foster Tibial Prosthesis Blade] ***Two included in Set, one with this product number*** *Overall Length: 4.875" (12,4 cm)* *Handle Length: 4.5" (11,4 cm)*
3924-RH [Silicone Grip Handle] *Overall Length: 4" (10,2 cm)*

USA MADE



Whang Tibial Osteotome

Designed by William Whang, MD

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

USA MADE

PRODUCT NO:
5338 *Overall Length: 8" (20,3 cm)* *Handle Length: 4.5" (11,4 cm)* *Blade Thickness: 2,5 mm*

Flexible Curved Chisel Blades for Flexible Osteotome System

Curved Chisel Blades designed by William McMaster, MD

An optional part of the Flexible Osteotome System designed to help remove a tibial knee component

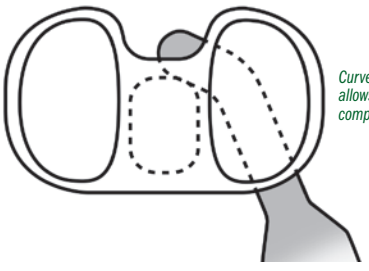
Handle and other components sold separately.
See page 10 for system information.

PRODUCT NO'S:
S1233-L [Left Curved Blade] *2" (5,1 cm) x 8 mm*
S1233-R [Right Curved Blade] *2" (5,1 cm) x 8 mm*

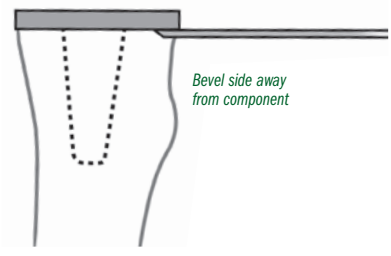
USA MADE

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

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



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



Bevel side away from component

Garneti Concave Hip/Knee Revision Osteotome

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

Designed for use in primary and revision knee surgery

During revision knee surgery, can be used to help disrupt the bone-implant, cement-bone and cement-implant interfaces. The osteotome can also be used to help extract the tibial and femoral components.

During primary knee surgery, can be used to help remove cement from the periphery of a tibial base plate and femoral component.

New!

See page 26 for use in hip revision surgery.

PRODUCT NO:
5275-03 [Garneti Concave Hip/Knee Osteotome] *Overall Length: 11.1" (28,2 cm)* *Blade Width: .7" (1,8 cm)* *Strike Plate End Diameter: 1.25" (3,2 cm)*

USA MADE

Eickmann Knee Revision Set

Designed by Thomas Eickmann, MD

Used for total knee revision

PRODUCT NO'S:
5470-00 [Complete Set]
Set Includes / Available Individually:
5470-08 [8 mm Chisel] *Osteotome Width: 8 mm* *Blade Length: 2.375" (6 cm)* *Overall Length: 7.375" (18,7 cm)*
5470-11 [11 mm Chisel] *Osteotome Width: 11 mm* *Blade Length: 2.375" (6 cm)* *Overall Length: 7.375" (18,7 cm)*
5470-20 [20 mm Chisel] *Osteotome Width: 20 mm* *Blade Length: 2.375" (6 cm)* *Overall Length: 7.375" (18,7 cm)*
5472-08 [8 mm Offset Cement Removal Chisel] *Osteotome Dimensions: 8 mm Wide x 12 mm Long* *Blade Length: 2.375" (6 cm)* *Overall Length: 7.375" (18,7 cm)*
5474-06 [6 mm Notched Cement Removal Chisel] *Osteotome Width: 6 mm* *Blade Length: 2.625" (6 cm)* *Overall Length: 7.375" (18,7 cm)*
5475-08 [8 mm Implant Remover] *Diameter: 8 mm* *Blade Length: 2.625" (6 cm)* *Overall Length: 7.375" (18,7 cm)*
5470-CASE [Case Only]

USA MADE

8 mm Chisel
#5470-08

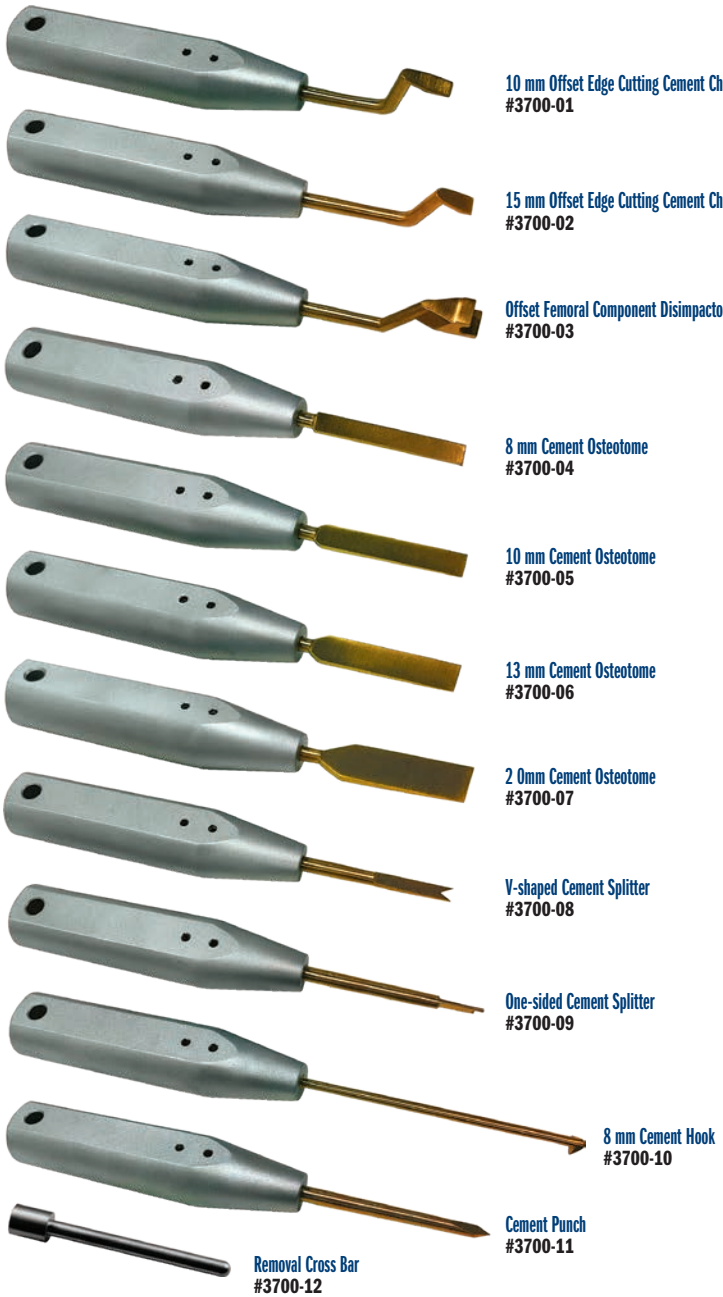
11 mm Chisel
#5470-11

20 mm Chisel
#5470-20

8 mm Offset Cement Removal Chisel
#5472-08

6 mm Notched Cement Removal Chisel
#5474-06

8 mm Implant Remover
#5475-08



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

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

Offset Femoral Component Disimpactor
#3700-03

8 mm Cement Osteotome
#3700-04

10 mm Cement Osteotome
#3700-05

13 mm Cement Osteotome
#3700-06

2 0mm Cement Osteotome
#3700-07

V-shaped Cement Splitter
#3700-08

One-sided Cement Splitter
#3700-09

8 mm Cement Hook
#3700-10

Cement Punch
#3700-11

Removal Cross Bar
#3700-12

Lachiewicz Total Knee Revision Set

Designed by Paul F. Lachiewicz, MD

Used for total knee revision

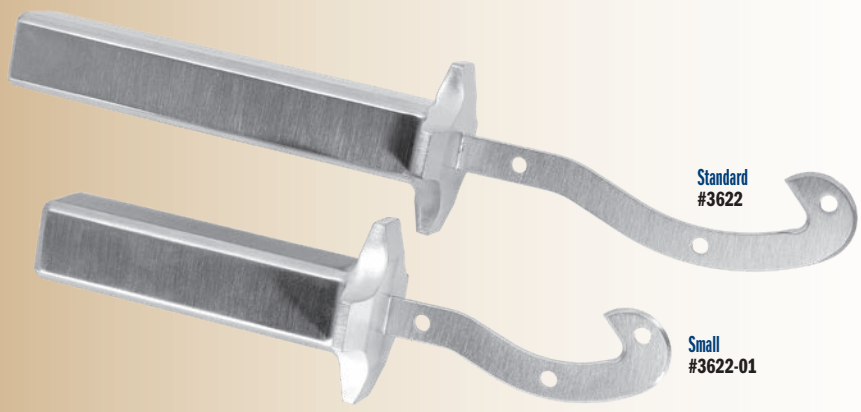
PRODUCT NO'S:
3700-00 [Complete Set]
Set Includes / Available Individually:
3700-01 [Offset Edge Cutting Cement Chisel, Short] *Chisel Width: 10 mm*
3700-02 [Offset Edge Cutting Cement Chisel, Long] *Chisel Width: 15 mm*
3700-03 [Offset Femoral Component Dis-impactor]
3700-04 [8 mm Cement Prosthesis Osteotome] *Osteotome Width: 8 mm*
3700-05 [10 mm Cement Prosthesis Osteotome] *Osteotome Width: 10 mm*
3700-06 [13 mm Cement Prosthesis Osteotome] *Osteotome Width: 13 mm*
3700-07 [20 mm Cement Prosthesis Osteotome] *Osteotome Width: 20 mm*
3700-08 [V-shaped Cement Splitter]
3700-09 [One-sided Cement Splitter]
3700-10 [8 mm Cement Hook] *Hook Blade Width: 8 mm*
3700-11 [Cement Punch]
3700-12 [Removal Cross Bar]
3700-CASE [Case]

USA MADE

Curved Osteotomes for Total Knee Revision

Designed by Morteza Meftah, MD

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



Standard
#3622

Small
#3622-01

PRODUCT NO'S:
3622 [Standard] *Overall Length: 11" (27,9 cm)* *Handle Length: 6" (15,2 cm)* *Blade Width: 12 mm* *Blade Thickness: 2 mm*
3622-01 [Small] *Overall Length: 8" (20,3 cm)* *Handle Length: 4.5" (11,4 cm)* *Blade Width: 12 mm* *Blade Thickness: 2 mm*

USA MADE

PRODUCT NO:
5232 *Osteotome Width: 6.7 mm* *Overall Length: 8.5" (21,6 cm)* *Handle Length: 5.75" (14,6 cm)*

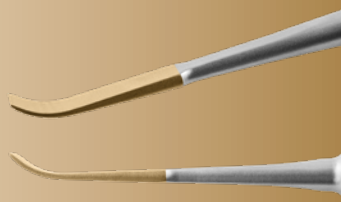
USA MADE

Foster Cement Osteotome

Designed by Scott A. Foster, MD

Designed to help remove UKA/TKA component

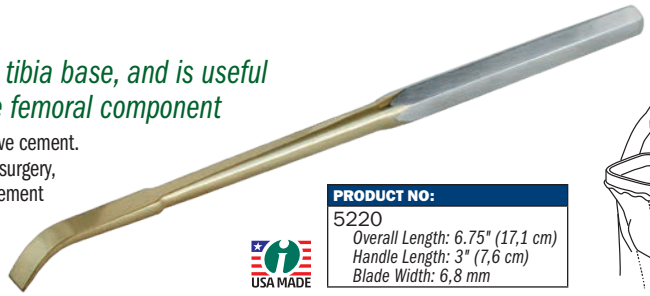
Features a large handle and striking platform. The osteotome is nitrate coated to help protect the implant surface.



Curved Cement Osteotome

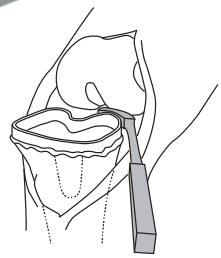
Helps remove cement around the back of the tibia base, and is useful in the femoral notch during removal of a knee femoral component

Designed to be inserted around the back of the tibia base to remove cement. The curve is congruent with most tibia bases. During revision knee surgery, can be used to help separate the prosthesis/bone or prosthesis/cement interface. The curve of the osteotome allows it to be used in the femoral notch of a femoral component. The osteotome is nitrate coated to help protect the implant surface.



PRODUCT NO:
5220 *Overall Length: 6.75" (17,1 cm)* *Handle Length: 3" (7,6 cm)* *Blade Width: 6,8 mm*

USA MADE



Whelan Flexible Chisel Guide

Designed by Edward J. Whelan, III, MD

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

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

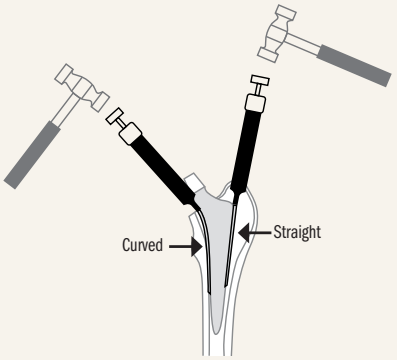
PRODUCT NO'S:
5301-00 [Complete Set]
Set Includes/ Available Individually:
5301-01 [Guide Only] *Overall Length: 5.5" to 8.5" (14 cm to 21,6 cm) w/o blade*
5301-02 [10 mm Chisel Blade Only] *Overall Length: 4.625" (11,7 cm)* *Blade Thickness: .020" (0,51 mm)*
3040 [Slap Hammer]
1015 [Sterilization Case]

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

USA MADE

Complete Set

Two blades included in Set



Whelan Curved Chisel Guide

Designed by Edward J. Whelan, III, MD

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

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

PRODUCT NO'S:
5302-00 [Complete Set]
Set Includes/ Available Individually:
5302-01 [Guide Only] *Overall Length: 5" to 8.75" (12,7 cm to 22,2 cm)*
5302-02 [10 mm Curved Chisel Blade Only] *Overall Length: 4.25" (10,8 cm)* *Blade Thickness: .020" (.51 mm)*
3040 [Slap Hammer]
1015 [Sterilization Case]

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

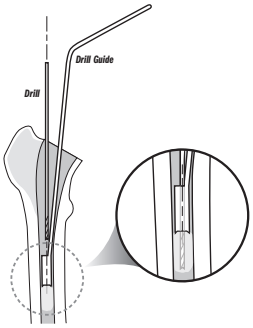
USA MADE

Complete Set

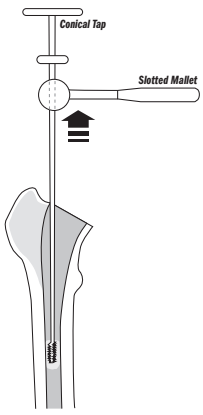
Two blades included in Set

Case Only #9075

Drill & Drill Guide



Conical Tap & Mallet



Mueller-Type Cement Removal Instruments

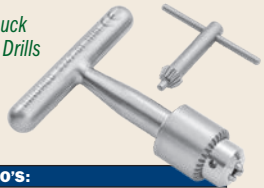
Used for cement removal in the hip, knee, and shoulder

PRODUCT NO'S:	
S7500-00 [Complete Set with Case]	
Set Includes / Available Individually:	
S7505 [Narrow Cement Removal Gouge, Short] *Shaft Length: 15 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: 24 cm* *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

Optional Instruments:

T-Handle Chuck for use with Drills

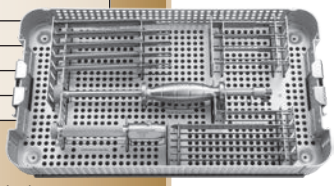


PRODUCT NO'S:
8247-00 [T-Handle Chuck & Key]
8247-01 [T-Handle Chuck Only]
8247-02 [Chuck Key Only]

Flexible Osteotome System

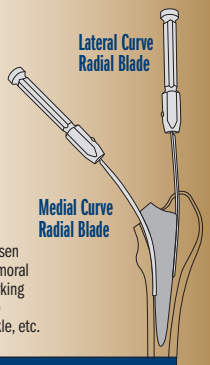
Provides an assortment of osteotome blades for various orthopedic surgery procedures

PRODUCT NO'S:
S0011-00 [Set with Quick-Coupling Handle and Case]
S0012-00 [Set with Locking Nut Handle and Case]
Sets Include / Available Individually:
S1002 [Thin Osteotome Blade] *2.5" (6,3 cm) x 8 mm*
S1003 [Thin Osteotome Blade] *2.5" (6,3 cm) x 10 mm*
S1004 [Thin Osteotome Blade] *2.5" (6,3 cm) x 12 mm*
S1005 [Thin Osteotome Blade] *2.5" (6,3 cm) x 20 mm*
S1006 [Curved Thin Osteotome Blade] *2.5" (6,3 cm) x 12 mm*
S1007 [Curved Thin Osteotome Blade] *5" (12,7 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] *5" (12,7 cm)* **or** S1021 [Handle with Locking Nut] *5" (12,7 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]



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

USA MADE



Optional Parts and Blades

- Optional Strike Plate can be attached to the Handle for direct striking with a mallet
- Optional Curved Chisel Blades are designed to help loosen the cement/prosthesis interval in TKA tibial tray and femoral component revisions. The curved design is useful in working around pegs & fins to get posterior cement access. Also helpful with removal of other implants, i.e shoulder, ankle, etc.

PRODUCT NO'S:
S1020-SP [Strike Plate for Handle] *Diameter 1.625" (4,1 cm)*
Optional Osteotome Blades (Not Included In Complete Set):
S1123 [7.5" XL Osteotome Blade] *7.5" (19,1 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*
Optional Chisel Blades (Not Included In Complete Set):
S1233-L [2" Left Curved Chisel Bade] *2" (5,1 cm) x 8 mm*
S1233-R [2" Right Curved Chisel Blade] *2" (5,1 cm) x 8 mm*
S1222 [2.5" Chisel Blade – 8 mm] *2.5" (6,4 cm) x 8 mm*
S1223 [2.5" Chisel Blade – 10 mm] *2.5" (6,4 cm) x 10 mm*
S1224 [2.5" Chisel Blade – 12 mm] *2.5" (6,4 cm) x 12 mm*
S1225 [2.5" Chisel Blade – 20 mm] *2.5" (6,4 cm) x 20 mm*
S1229 [5" Chisel Blade – 8 mm] *5" (12,7 cm) x 8 mm*
S1228 [5" Chisel Blade – 10 mm] *5" (12,7 cm) x 10 mm*
S1231 [5" Chisel Blade – 12 mm] *5" (12,7 cm) x 12 mm*
S1230 [5" Chisel Blade – 20 mm] *5" (12,7 cm) x 20 mm*
S1227 [5.5" Long Chisel Blade] *5.5" (14 cm) x 8 mm*
S1232 [7.5" XL Chisel Blade] *7.5" (19,1 cm) x 8 mm*
S1234 [8.5" XL Chisel Blade] *8.5" (21,6 cm) x 8 mm*
S1235 [9.5" XL Chisel Blade] *9.5" (23,1 cm) x 8 mm*
S1236 [10.5" XL Chisel Blade] *10.5" (26,7 cm) x 8 mm*
S1237 [11.5" XL Chisel Blade] *11.5" (29,2 cm) x 8 mm*
S1238 [12.5" XL Chisel Blade] *12.5" (31,8 cm) x 8 mm*

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

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


Handle with Quick-Coupling End #S1020

System Includes Choice of Handle Style


Handle with Locking Nut #S1021


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


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


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


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


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


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


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


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


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


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


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


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


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


Slap Hammer #S2007

Options Available Separately

Instruments Included in Sets


Strike Plate for Handle #S1020-SP


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

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


5" (12,7 cm) x 11 mm Radial Osteotome Medial Curve #S1237


6.75" (17,1 cm) x 11 mm Radial Osteotome Medial Curve #S1235


5" (12,7 cm) x 11 mm Radial Osteotome Lateral Curve #S1238


6.75" (17,1 cm) x 11 mm Radial Osteotome Lateral Curve #S1236


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


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

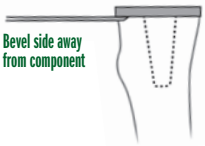
2" (5,1 cm) x 8 mm Right Curved Chisel Blade #S1233-R


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


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


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


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


Bevel side away from component


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


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


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


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


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


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


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


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


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

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

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

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

Mini-lexer Osteotomes

Helpful with osteophyte and cement removal

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

MADE FOR INNOMED IN GERMANY

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)*

Wagner Osteotome Handle

Designed by Russell Wagner, MD

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

USA MADE

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

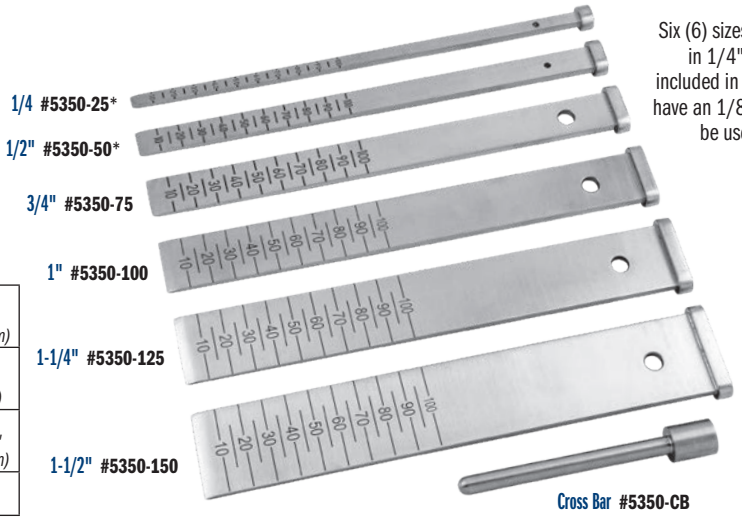
Modified Lambotte Osteotomes

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

PRODUCT NO'S:	
5350-00 [Set w/Case]	
Set Includes / Available Individually:	
5350-25* [1/4"] *Overall Length: 9" (22,9 cm)* *Osteotome Width: .25" (6,4 mm)*	5350-125 [1-1/4"] *Overall Length: 9" (22,9 cm)* *Osteotome Width: 1.25" (31,8 mm)*
5350-50* [1/2"] *Overall Length: 9" (22,9 cm)* *Osteotome Width: .5" (12,7 mm)*	5350-150 [1-1/2"] *Overall Length: 9" (22,9 cm)* *Osteotome Width: 1.5" (38,1 mm)*
5350-75 [3/4"] *Overall Length: 9" (22,9 cm)* *Osteotome Width: .75" (19 mm)*	5350-CASE [Case] *Dimensions: 12.25" x 11.25" x 1" (31,1 x 28,6 x 2,5 cm)*
5350-100 [1"] *Overall Length: 9" (22,9 cm)* *Osteotome Width: 1" (25,4 mm)*	5350-CB [Cross Bar] *Overall Length: 4.375" (11,1 cm)*

USA MADE

* MADE EXCLUSIVELY FOR INNOMED IN GERMANY



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).

Case Only
#5350-CASE

Ring Curettes

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

MADE FOR INNOMED IN GERMANY

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

MADE FOR INNOMED IN GERMANY

Sarraf Toothed Curettes

Designed by Khaled Sarraf, MD

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

Forward Toothed **#5174-F**

Reverse Toothed **#5174-R**

Straight Toothed **#5174-S**

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

PRODUCT NO'S:
5174-00 [Set]
Set Includes/ Available Separately:
5174-F [Forward] *Overall Length: 11.5" (29,2 cm)* *Handle Length: 5.5" (14 cm)* *Angled Down: 30°*
5174-R [Reverse] *Overall Length: 11.5" (29,2 cm)* *Handle Length: 5.5" (14 cm)* *Angled Up: 30°*
5174-S [Straight] *Overall Length: 11.5" (29,2 cm)* *Handle Length: 5.5" (14 cm)*

USA MADE

Chandran Bent Serrated Curette

Designed by Rama E. Chandran, MD

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

PRODUCT NO:
5171 *Overall Length: 11.75" (29,8 cm)* *Handle Length: 5.5" (14 cm)* *Cup Size: 7 mm X 12 mm*

USA MADE

Mini-lexer Gouges

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

PRODUCT NO'S:
2022-02 [Mini Lexer Gouge – 4 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 4 mm*
2022-03 [Mini Lexer Gouge – 6 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 6 mm*
2022-04 [Mini Lexer Gouge – 10 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 10 mm*

New!

MADE FOR INNOMED IN GERMANY

4 mm Gouge **#2022-02**

6 mm Gouge **#2022-03**

10 mm Gouge **#2022-04**

Delrin Insert Pliers

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

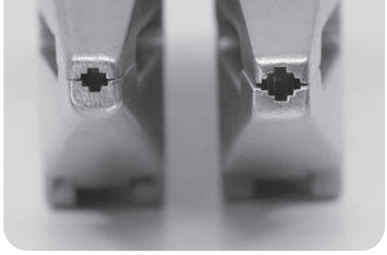
PRODUCT NO'S:
2025 *Overall Length: 8 (20,3 cm)*
2025-03 [Replacement Insert] *Includes top and bottom delrin jaws, two screws and a hex wrench*

USA MADE

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



NEW *Small Jaw End & Bite*

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

Standard Jaw End & Bite

Designed to securely grab larger pins, screw heads, or broken screws

Screw/Pin Removal Locking Pliers

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

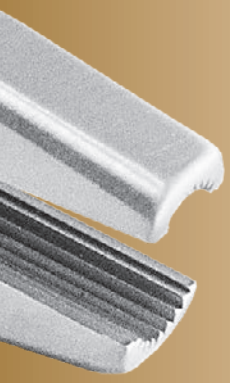
Standard **#S0142**

Small **#S0142-01**

Reduced jaw size for smaller screws, pins and incisions

USA MADE

PRODUCT NO'S:
S0142 [Standard] *Overall Length: 7.875" (20 cm)* *Jaw Width at End: 4 mm*
S0142-01 [Small] *Overall Length: 7.875" (20 cm)* *Jaw Width at End: 4 mm*



Screw Extractor with Speed Lock

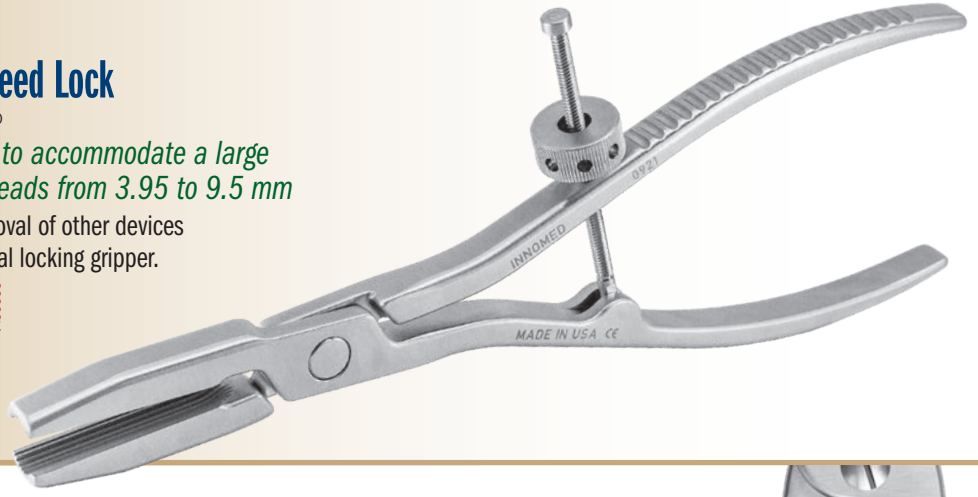
Designed by Khaled Sarraf, MD & Konstantinos Doudoulakis, MD

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

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

PRODUCT NO:
2021 *Overall Length: 9.25" (23,5 cm)* *Jaw Width: 11 mm* *Jaw Length: 5 cm*

USA MADE

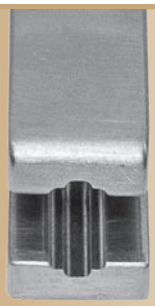


Screw Removal Pliers

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



Screw Removal Locking Pliers

Designed to solidly grip and clamp onto a screw head, broken screw, or pin for removal

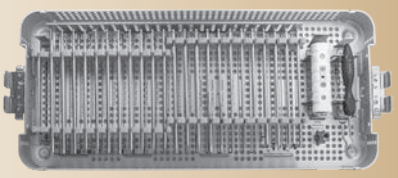
PRODUCT NO:
2022-01 *Overall Length: 8" (20,3 cm)*

MADE FOR INNOMED IN GERMANY

New!

Universal Screw Removal Instrument System

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



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]
System Includes/ Available Individually:
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: 21" x 9.5" x 2.25 (53,4 x 24,1 x 5,7 cm)*

USA MADE

1,5 mm #S0128 | **2,5 mm #S0116** | **3,5 mm #S0130**

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.

2,2 mm #S0121 | **3,2 mm #S0122** | **4,2 mm #S0123** | **4,7 mm #S0124** | **7,2 mm #S0125**

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.

1,5 mm #S0117 | **2,5 mm #S0114** | **3,5 mm #S0115** | **4,0 mm #S0132** | **5,0 mm #S0133**

Hex Drivers
Solid shaft in all standard hex sizes.

2,5 mm #S0136 | **3,5 mm #S0137** | **4,0 mm #S0138** | **5,0 mm #S0139**

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

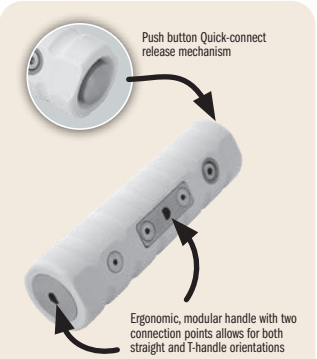
Small #S0127-03 | **Large #S0127-01** | **Mini Cruciform #S0141** | **Small Cruciform #S0119** | **Large Cruciform #S0118** | **Single Slot #S0120**

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

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

#S0140

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



Extractor Wrench #S0127-04

Pick #S0129
Used to remove fragments and bone or tissue from screw head.

Universal Instrument Handle #S0113
The single handle allows the surgeon to decide which direction is most efficient and comfortable. The quick-connect release mechanism allows for quick interoperative exchange.

Lawton Screw Extractors

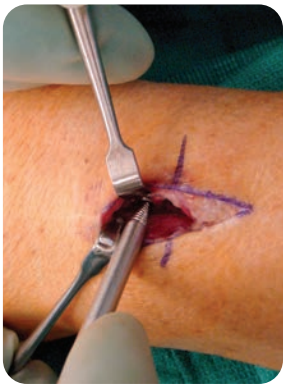
Designed by Jeffrey Lawton, MD

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

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

USA MADE

1.5 mm #7653-01 | **2.5 mm #7653-02** | **3.5 mm #7653-03**



PRODUCT NO'S:
2022-00 [Complete System with Case]
System Includes/ Available Individually:
2022-01 [Screw Removal Locking Pliers] *Overall Length: 8" (20,3 cm)*
2022-02 [Mini Lexer Gouge – 4 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 4 mm*
2022-03 [Mini Lexer Gouge – 6 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 6 mm*
2022-04 [Mini Lexer Gouge – 10 mm] *Overall Length: 7" (17,8 cm)* *Gouge Width: 10 mm*
2022-05 [Extraction Screw for 1.5/2.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2022-06 [Extraction Screw for 2.7/3.5/4.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2022-07 [Extraction Screw for 4.5/5.0/6.5/7.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2022-CASE [Case for System]
2022-IP [Instruction Plate] *Dimensions: 7.875" x 3.65" (20 x 9,3 cm)*
2022-SH [Sharp Hook] *Overall Length: 6.1" (15,5 cm)*
2022-T [T-Handle with AO-End] *Overall Length: 5.9" (15 cm)* *Handle Width: 3.15" (8 cm)*
2023-01 [Extraction Bolt for 1.5 mm Screw] *Overall Length: 2.35" (6 cm)*
2023-02 [Extraction Bolt for 2.0 mm Screw] *Overall Length: 2.35" (6 cm)*
2023-03 [Extraction Bolt for 2.7 mm Screw] *Overall Length: 2.35" (6 cm)*
2023-04 [Extraction Bolt for 3.5/4.0 mm Screw] *Overall Length: 2.35" (6 cm)*
2023-05 [Extraction Bolt for 4.5 mm Screw] *Overall Length: 3.15" (8 cm)*
2023-06 [Extraction Bolt for 5.0/6.5/7.0 mm Screw] *Overall Length: 3.94" (10 cm)*
2023-07 [Trephine for 1.5 mm Screw] *Overall Length: 4.125" (10,5 cm)*
2023-08 [Trephine for 2.0 mm Screw] *Overall Length: 4.125" (10,5 cm)*
2023-09 [Trephine for 2.7 mm Screw] *Overall Length: 4.125" (10,5 cm)*
2023-10 [Trephine for 3.5/4.0 mm Screw] *Overall Length: 4.125" (10,5 cm)*
2023-11 [Trephine for 4.5 mm Screw] *Overall Length: 5.4" (13,7 cm)*
2023-12 [Trephine for 5.0/6.5/7.0 mm Screw] *Overall Length: 5.4" (13,7 cm)*
2024-01 [Spare Trephine Cutting End for 1.5 mm Screw] *Overall Length: 1.6" (4 cm)*
2024-02 [Spare Trephine Cutting End for 2.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2024-03 [Spare Trephine Cutting End for 2.7 mm Screw] *Overall Length: 1.6" (4 cm)*
2024-04 [Spare Trephine Cutting End for 3.5/4.0 mm Screw] *Overall Length: 1.6" (4 cm)*
2024-05 [Spare Trephine Cutting End for 4.5 mm Screw] *Overall Length: 2.75" (7 cm)*
2024-06 [Spare Trephine Cutting End for 5.0/6.5/7.0 mm Screw] *Overall Length: 2.75" (7 cm)*

Basic Screw Removal System

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

Screw Removal Locking Pliers

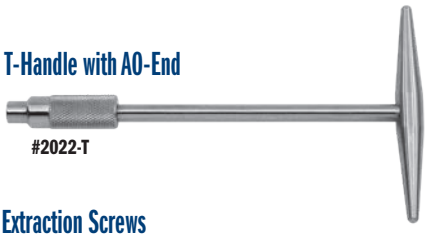
#2022-01

New!

Sharp Hook

#2022-SH

T-Handle with AO-End



#2022-T

Mini Lexer Gouges

4 mm Gouge **#2022-02**

6 mm Gouge **#2022-03**

10 mm Gouge **#2022-04**

Extraction Screws

For 1.5/2.0 mm **#2022-05**

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

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

Extraction Bolts

For 1.5 mm Screw **#2023-01**

For 2.0 mm Screw **#2023-02**

For 2.7 mm Screw **#2023-03**

For 3.5/4.0 mm Screw **#2023-04**

For 4.5 mm Screw **#2023-05**

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

Trephines

For 1.5 mm Screw **#2023-07**

For 2.0 mm Screw **#2023-08**

For 2.7 mm Screw **#2023-09**

For 3.5/4.0 mm Screw **#2023-10**

For 4.5 mm Screw **#2023-11**

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

Spare Trephine Cutting Ends

For 1.5 mm Screw **#2024-01**

For 2.0 mm Screw **#2024-02**

For 2.7 mm Screw **#2024-03**

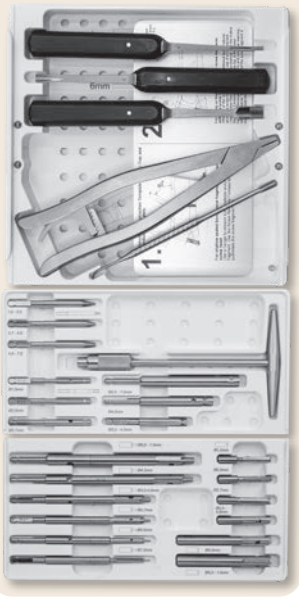
For 3.5/4.0 mm Screw **#2024-04**

For 4.5 mm Screw **#2024-05**

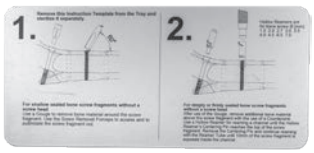
For 5.0/6.5/7.0 mm Screw **#2024-06**

MADE FOR INNOMED IN GERMANY

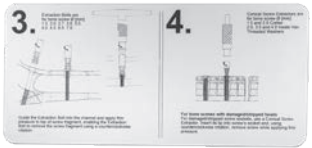
Set in Case



Instruction Plate **#2022-IP**



Side A

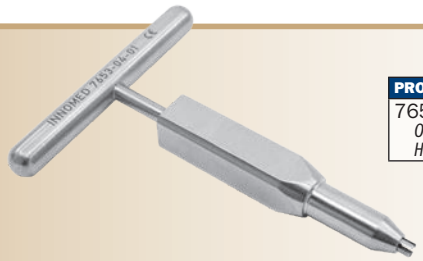


Side B

Lawton Broken Screw Extractor

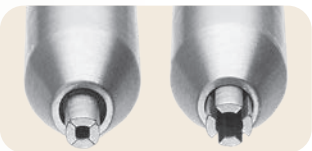
Designed by Jeffrey Lawton, MD

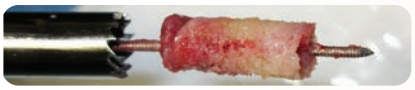
Designed to help remove broken or stripped screws (1 - 2 mm)



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

USA MADE





5 mm #1426-01 | 6.5 mm #1426-02 | 8 mm #1426-03 | 9 mm #1426-05 | 10 mm #1426-06 | 11 mm #1426-07

PRODUCT NO'S:
1426-00 [Complete Set with Case]
Set Includes/ Available Individually:
1426-01 [5 mm Internal Diameter] *Overall Length: 7.125" (18,1 cm)*
1426-02 [6.5 mm Internal Diameter] *Overall Length: 7.125" (18,1 cm)*
1426-03 [8 mm Internal Diameter] *Overall Length: 7.125" (18,1 cm)*
1426-05 [9 mm Internal Diameter] *Overall Length: 7.125" (18,1 cm)*
1426-06 [10 mm Internal Diameter] *Overall Length: 7.125" (18,1 cm)*
1426-07 [11 mm Internal Diameter] *Overall Length: 7.125" (18,1 cm)*
1425-14 [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]

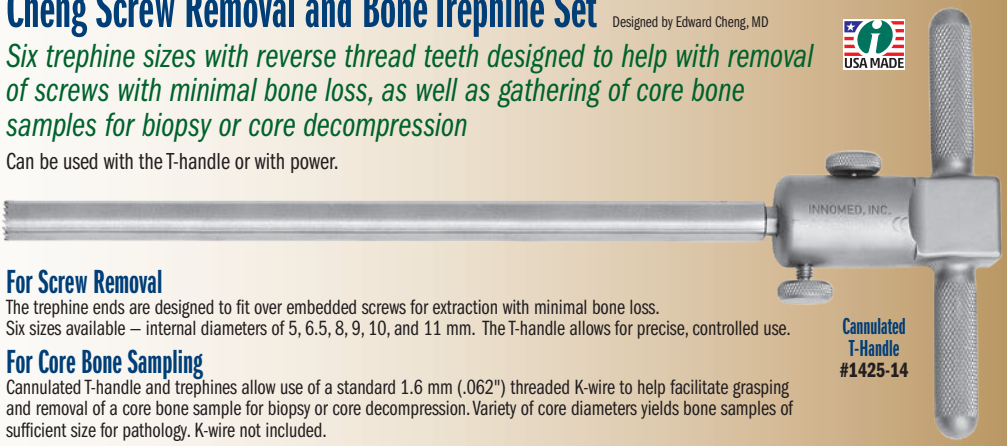
Cheng Screw Removal and Bone Trephine Set

Designed by Edward Cheng, MD

USA MADE

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

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



Cannulated T-Handle #1425-14

For Screw Removal

The trephine ends are designed to fit over embedded screws for extraction with minimal bone loss.
Six sizes available – internal diameters of 5, 6.5, 8, 9, 10, and 11 mm. The T-handle allows for precise, controlled use.

For Core Bone Sampling

Cannulated T-handle and trephines allow use of a standard 1.6 mm (.062") threaded K-wire to help facilitate grasping and removal of a core bone sample for biopsy or core decompression. Variety of core diameters yields bone samples of sufficient size for pathology. K-wire not included.

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

- Small & Large Single Slot #5195-02
- Cross & Cruciate #5195-03
- 3.5 mm & 4.5 mm Hex #5195-04
- Small & Large Phillips #5195-05
- #6 & #8 star #5195-08
- #10 & #15 star #5195-06
- #20 & #25 star #5195-07

Handle #5195-01

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

Universal Screwdriver Set

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

USA MADE

PRODUCT NO'S:
5195 [Complete Set with Case]
Set Includes / Available Individually:
5195-01 [Handle]
5195-02 [Straight (single slot)] *Large: 7 x 1.5 mm, Small: 5 x 1 mm*
5195-03 [Cross/Cruciate] *Large: 7 mm, Small: 6 mm*
5195-04 [Hex] *Large: 4.5 mm, Small: 3.5 mm*
5195-05 [Phillips] *Large: 4 mm, Small: 3.5 mm*
5195-08 [Small Star: #6 & #8]
5195-06 [Medium Star: #10 & #15]
5195-07 [Large Star: #20 & #25]

PRODUCT NO'S:
8003-00 [Set – One Each]
Set Includes / Available Individually:
8003-01 [Torx Bit to Hex Driver Adapter] *Overall Length: .6" (1,54 cm)*
8003-02 [Hex Bit to Torx Driver Adapter] *Overall Length: .6" (1,54 cm)*

Designed for conversion of a 3.5 mm screwdriver

Hex Bit to Torx Driver Adapter #8003-02

Torx Bit to Hex Driver Adapter #8003-01

Torx/Hex Adapter Set

Designed by Stephen M. Walsh, MD

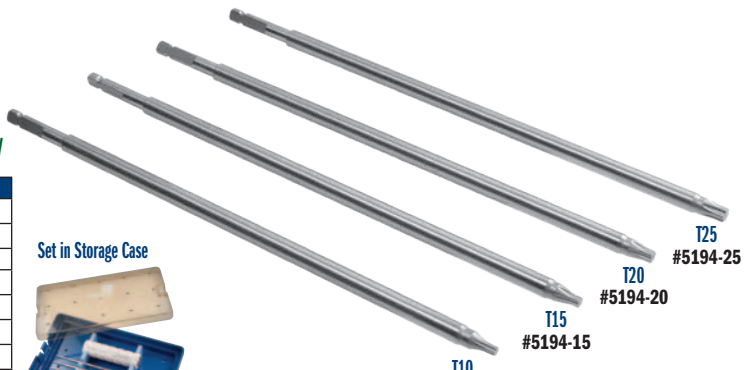
Especially helpful when an articulated, universal joint driver is needed (i.e. acetabular screws)

USA MADE

Star Bit Driver Set

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

PRODUCT NO'S:
5194-00 [4 Star Bits w/Handle & Case]
5194-01 [4 Star Bits w/Case only]
Also available 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]



T25 #5194-25

T20 #5194-20

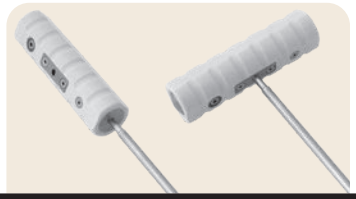
T15 #5194-15

T10 #5194-10

Set in Storage Case

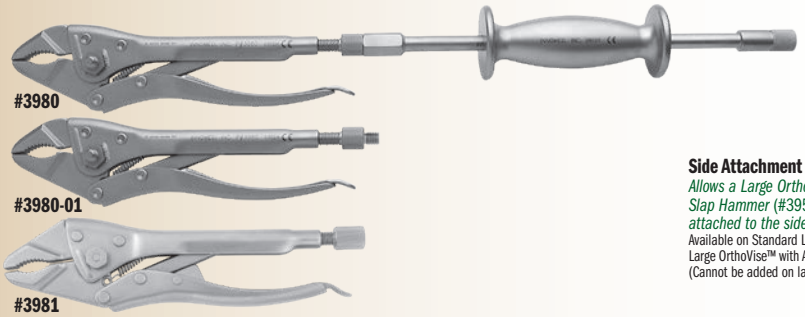
USA MADE

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.

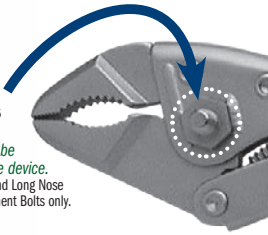


STANDARD LARGE

PRODUCT NO'S:	
	OrthoVise™ Length: 10" (25,4 cm)
3980	*with Attachment Bolts (two sides & end) with Large OrthoVise™ Slap Hammer (#3950)*
3980-01	*with Attachment Bolts (two sides & end) without Slap Hammer*
3981	*without Attachment Bolts without Slap Hammer with End Attachment Nut that accepts a Standard Slap Hammer (#3925 or 3926)*

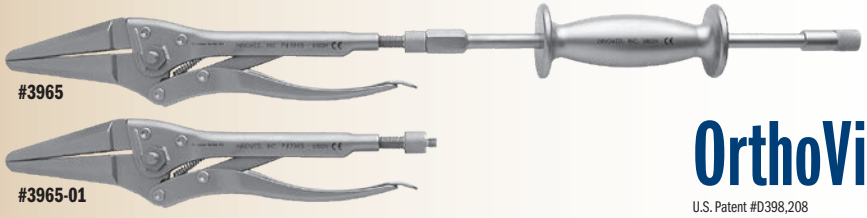


Side Attachment Bolts
Allows a Large OrthoVise™ Slap Hammer (#3950) to be attached to the side of the device.
Available on Standard Large and Long Nose Large OrthoVise™ with Attachment Bolts only. (Cannot be added on later.)



LONG NOSE LARGE

PRODUCT NO'S:	
	OrthoVise™ Length: 12" (30,5 cm)
3965	*with Attachment Bolts (two sides & end) with Large OrthoVise™ Slap Hammer (#3950)*
3965-01	*with Attachment Bolts (two sides & end) without Slap Hammer*

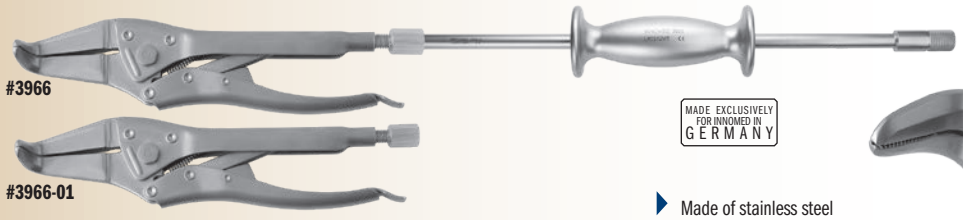


OrthoVise™

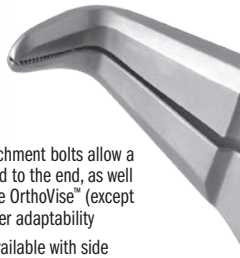
U.S. Patent #D398,208

LONG NOSE LARGE BENT JAW

PRODUCT NO'S:	
	OrthoVise™ Length: 11.5" (29,2 cm)
3966	*with Attachment Nut (end) with Standard Slap Hammer (#3925)*
3966-01	*without Slap Hammer with Attachment Nut (end) that accepts a Standard Slap Hammer (#3925 or 3926)*



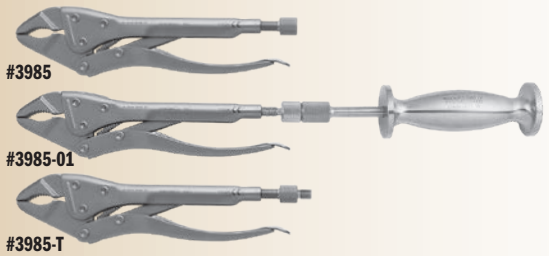
MADE EXCLUSIVELY FOR INNOMED IN GERMANY



- Made of stainless steel
- Models equipped with attachment bolts allow a slap hammer to be attached to the end, as well as to either side of the large OrthoVise™ (except Bent Jaw models), for greater adaptability
- Bent Jaw models are not available with side attachment bolts, but have an end attachment nut to accept a Standard Slap Hammer (#3925 or #3926)
- A different size slap hammer is used for the large and small sizes of OrthoVise™
- Slap Hammers are designed with a hammer plate for the additional use of a mallet if desired

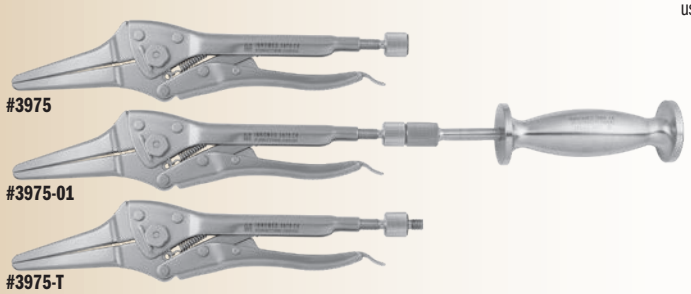
STANDARD SMALL

PRODUCT NO'S:	
	OrthoVise™ Length: 8" (20,3 cm)
3985	*without Attachment Bolt without Slap Hammer*
3985-01	*with Attachment Bolt (end) with Small OrthoVise™ Slap Hammer (#3955)*
3985-T	*with Attachment Bolt (end) without Slap Hammer*



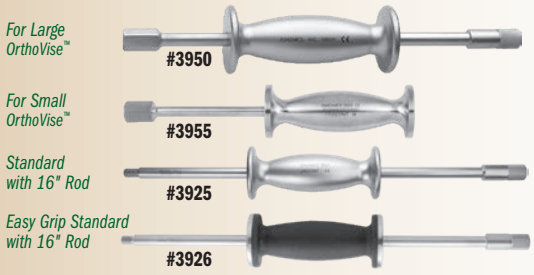
LONG NOSE SMALL

PRODUCT NO'S:	
	OrthoVise™ Length: 9.5" (24,1 cm)
3975	*without Attachment Bolt without Slap Hammer*
3975-01	*with Attachment Bolt (end) with Small OrthoVise™ Slap Hammer (#3955)*
3975-T	*with Attachment Bolt (end) without Slap Hammer*



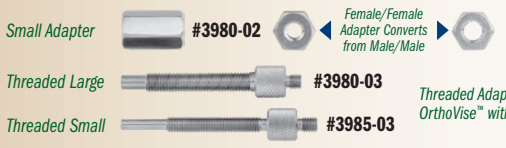
SLAP HAMMERS

PRODUCT NO'S:	
3950	[Slap Hammer for Large OrthoVise™] *For use with 3965's, 3980's, 3981 Overall Length: 16.5" (41,9 cm)*
3955	[Slap Hammer for Small OrthoVise™] *For use with: 3975's, 3985's Overall Length: 8.75" (22,2 cm)*
3925	[Standard Slap Hammer w/16" Rod] *For use with: 3966's Overall Length: 16" (40,7 cm)*
3926	[Easy Grip Slap Hammer w/16" Rod] *For use with: 3966's Overall Length: 16" (40,7 cm)*



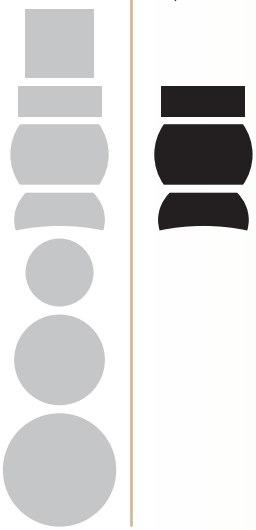
THREADED ADAPTERS

PRODUCT NO'S:	
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*



Small Adapter allows a Standard Slap Hammer (#3925 or #3926) to be used with any Large OrthoVise™ with Attachment Bolts

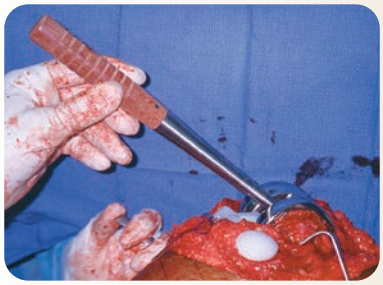
Threaded Adapting Screws can be used to append the corresponding size OrthoVise™ with an Attachment Bolt for use with a Slap Hammer



Modular Impactor Set

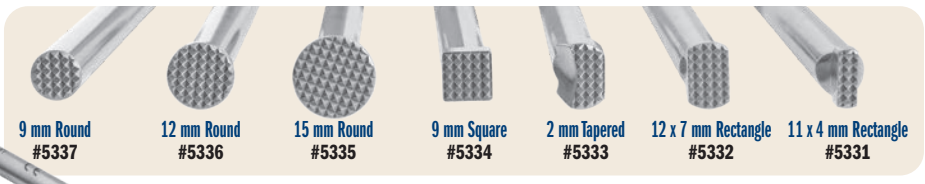
Makes multiple impactor heads easily visible and available

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]
Set Includes/ Available Individually:
5370-01 [Rectangular Tip 11 mm x 4 mm Steel]
5370-02 [Oval Tip 13 mm x 8 mm Steel]
5370-03 [Crescent Tip 12 mm x 5 mm Steel]
5370-04 [Square Tip 9 mm x 9 mm Steel]
5370-05 [Round Tip 15 mm Steel]
5370-06 [Round Tip 12 mm Steel]
5370-07 [Round Tip 9 mm Steel]
5370-19 [Set Base] *Base Diameter: 3.5" (8,9 cm)*
5370-D1 [Rectangular Tip 11 mm 4 mm Delrin]
5370-D2 [Oval Tip 13 mm x 8 mm Delrin]
5370-D3 [Crescent Tip 12 mm x 5 mm Delrin]
5370-H [Modular Handle] *Overall Length: 8" (20,3 cm)* *Grip Length: 4.5" (11,4 cm)*

USA MADE



Ortho Impactors

USA MADE

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]

Universal Bone Grafting /Impacting Forceps

Designed by J. A. Amis, MD

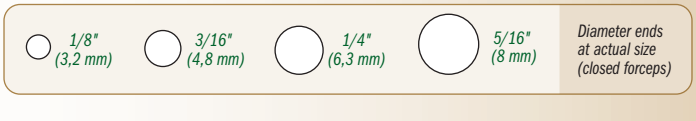
Bone graft can be grasped, placed & impacted without changing hands or instruments

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

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.

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

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



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

MADE EXCLUSIVELY FOR INNOMED IN GERMANY

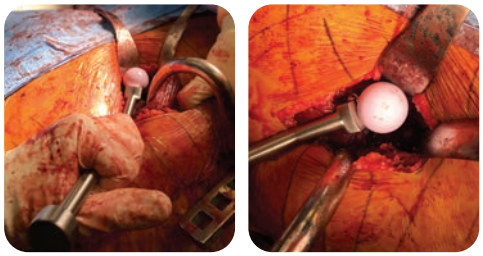
Anterior Femoral Punches

Designed by Brandon Thompson, CST/CFA

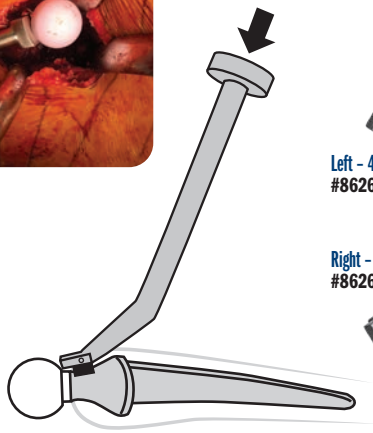
Designed with a delrin pad to help protect the femoral stem trunion while removing the femoral head during anterior approach total hip revision arthroplasty

PRODUCT NO'S:
8626-A [Angled Up] *Overall Length: 8.75" (22,2 cm)* *Up Angle: 40°*
8626-L [Left] *Overall Length: 9" (22,9 cm)* *Left Angle: 40°*
8626-R [Right] *Overall Length: 9" (22,9 cm)* *Right Angle: 40°*

USA MADE



- Three stem angles allow choice of optimal approach
- Angled punches allow for better striking force to help break the taper of the head and stem
- The delrin pad helps prevent scratching of the femoral stem trunion



Angled Up - 40°
#8626-A

Left - 40°
#8626-L

Right - 40°
#8626-R

Femoral Head Disengaging Punch

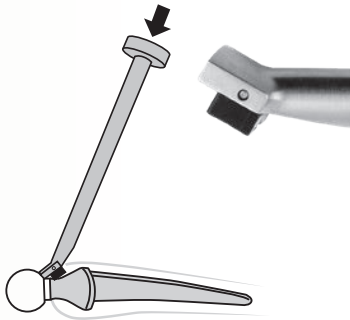
Designed by Brandon Thompson, CST/CFA

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

The delrin pad helps prevent scratching of the femoral stem trunnion. The punch angle allows for better striking force to help break the taper of the head and stem.

USA MADE

PRODUCT NO:
8626 *Overall Length: 9" (22,9 cm)* *Shaft Diameter: .5" (12,7 mm)* *Punch Platform Offset Angle: 30°* *Punch Platform Delrin End: 10 mm x 20 mm*



Intramedullary Nail Removal Set

System designed to help remove an intramedullary nail

New!

PRODUCT NO'S:
2027-20 [Intramedullary Nail Removal Set]
Set Includes / Available Individually:
2027-06 [Stabilizing Bar] *Overall Length: 5.9" (15 cm)*
2027-07 [Open End Wrench] *Overall Length: 3.94" (10 cm)*
2027-11A [Extraction Spreader Size 1] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-11B [Extraction Spreader Size 1.5] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-11C [Extraction Spreader Size 2] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-11D [Extraction Spreader Size 2.5] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-11E [Extraction Spreader Size 3] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-12A [Extraction Assembly Rod & Slaphammer] *Overall Length: 18.5" (47 cm)*
2027-12B [Extraction Push Rod] *Overall Length: 19" (48,3 cm)*
2027-12C [Extraction Tightening Assembly] *Overall Length: 3" (7,6 cm)* *Handle Width: 2.125" (5,4 cm)*
2027-TRAY [Tray] *Not Shown*
2027-LID [Lid] *Not Shown*

MADE FOR INNOMED IN GERMANY

INSTRUCTIONS FOR NAIL REMOVAL:

1. Insert the push rod into the slaphammer rod, leaving the ball end outside of the slaphammer rod. Connect the t-handle tightening assembly over the ball end of the push rod. Screw the t-handle tightening assembly with push rod attached into the slaphammer rod.
2. To determine the correct size of nail extraction spreader, it should be completely inside the nail to be removed. If the extraction spreader wobbles, then it is too small. If threads are exposed, it is too large.
3. The extraction spreader is then completely threaded into the tapered end of the slaphammer rod. It is tightened using the open-end wrench and stabilizing bar.
4. The complete assembly is screwed into the nail by hand tightening.
5. Tap on the end of the t-handle tightening assembly with three light taps and re-tighten the t-handle tightening assembly if needed. Using the slaphammer or mallet, start with light taps to remove the nail.

Stabilizing Bar **#2027-06**

Open End Wrench **#2027-07**

Extraction Spreader Size 1 **#2027-11A**
Two included in set; one with this product number

Extraction Spreader Size 1.5 **#2027-11B**
Two included in set; one with this product number

Extraction Spreader Size 2 **#2027-11C**
Two included in set; one with this product number

Extraction Spreader Size 2.5 **#2027-11D**
Two included in set; one with this product number

Extraction Spreader Size 3 **#2027-11E**
Two included in set; one with this product number

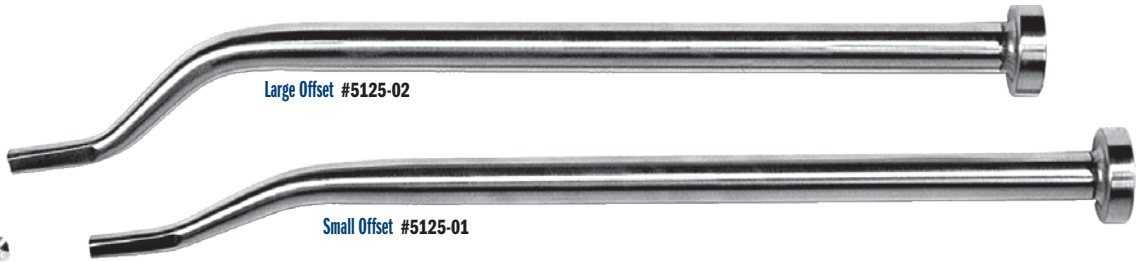
Extraction Assembly Rod & Slaphammer **#2027-12A**

Extraction Push Rod **#2027-12B**

Extraction Tightening Assembly **#2027-12C**

Offset Punches

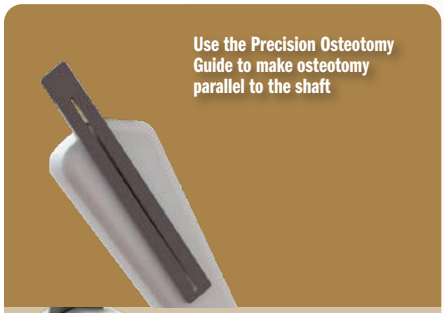
Helps in the removal of hip stems

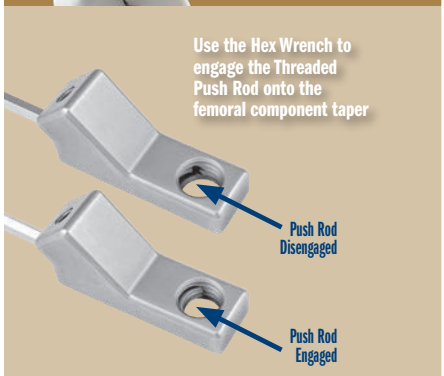


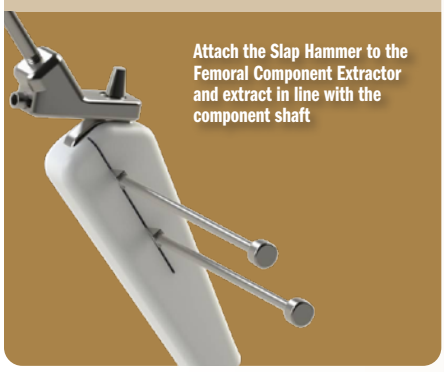
Used to help remove a hip prosthesis stem via a window in the shaft of the femur. Two sizes of offsets allow the punches to be used to tap on a distal portion of the hip stem, after a window has been made in the femur below the tip of the stem.

USA MADE

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







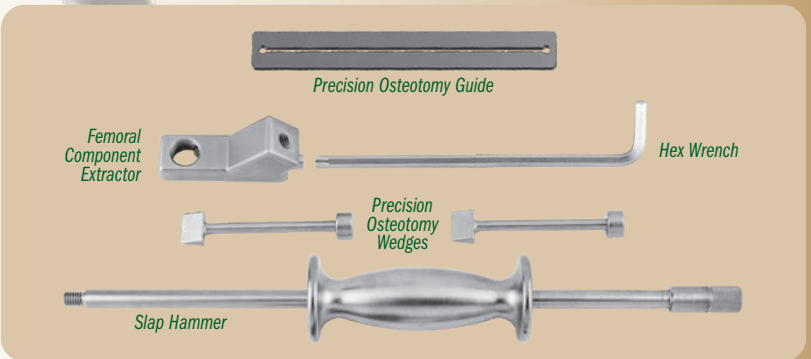
Unger Universal Femoral Component Extractor with Precision Osteotomy Guide

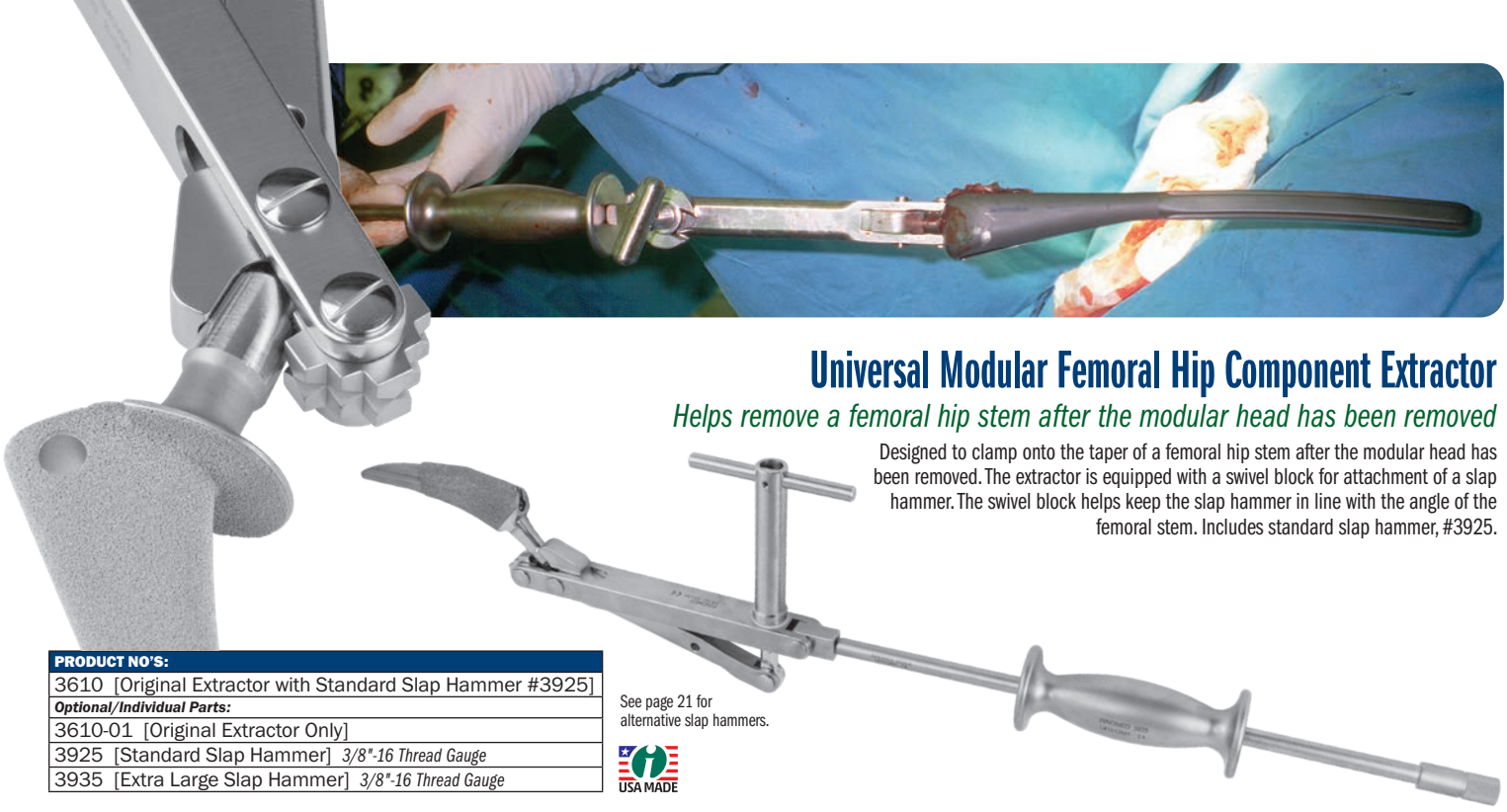
Designed by Anthony Unger, MD

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

PRODUCT NO'S:
3615-00 [Complete Assembly with Case]
Set Includes / Available Individually:
3615-01 [Femoral Component Extractor] *Overall Length: 3.25" (8,3 cm)* *Width: 1" (2,54 cm)* *Height: 1.5" (3,8 cm)*
3615-02 [Precision Osteotomy Guide] *Overall Length: 6" (15,2 cm)* *Width: .75" (1,9 cm)*
3615-03 [Precision Osteotomy Wedge] ***Two included in set, one with this product number*** *Overall Length: 3.9" (9,9 cm)*
3615-05 [Hex Wrench] *Overall Length: 6.65" (16,9 cm)*
3615-CASE [Case]
3925 [Standard Slap Hammer with 16" Rod] *Overall Length: 16" (40,7 cm)*

USA MADE





Universal Modular Femoral Hip Component Extractor

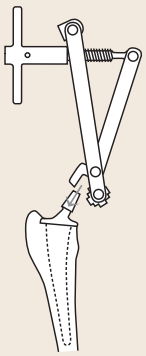
Helps remove a femoral hip stem after the modular head has been removed

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.

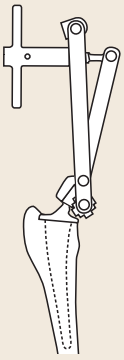
PRODUCT NO'S:
3610 [Original Extractor with Standard Slap Hammer #3925]
Optional/Individual Parts:
3610-01 [Original Extractor Only]
3925 [Standard Slap Hammer] *3/8"-16 Thread Gauge*
3935 [Extra Large Slap Hammer] *3/8"-16 Thread Gauge*

See page 21 for alternative slap hammers.

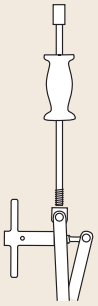
USA MADE



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.



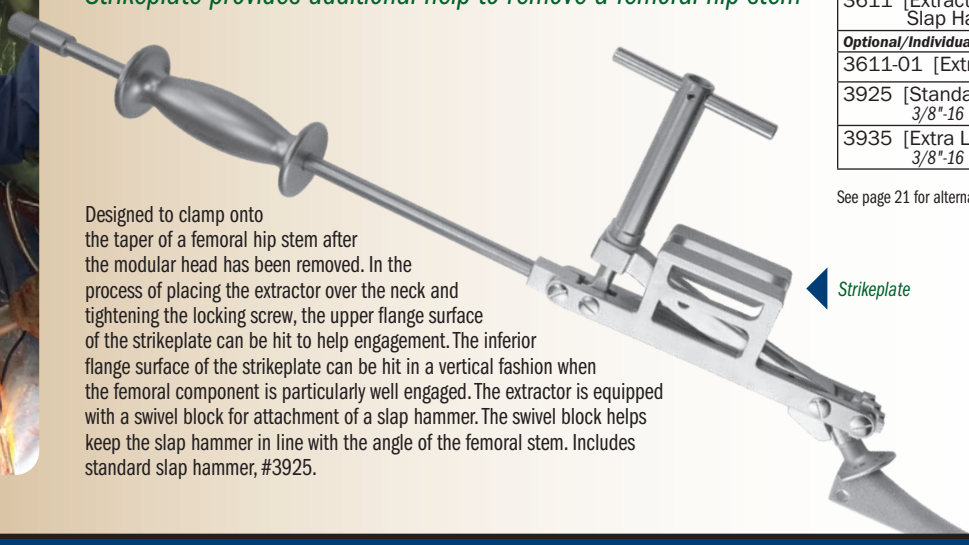
The slap hammer is screwed into the swivel block. The slap hammer can be aligned with the stem utilizing the swivel block.

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

Heck Anterior Modular Hip Component Extractor with Strikeplate

Designed by David Heck, MD

Strikeplate provides additional help to remove a femoral hip stem



Strikeplate

Designed to clamp onto the taper of a femoral hip stem after the modular head has been removed. In the 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.

PRODUCT NO'S:
3611 [Extractor with Standard 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*

See page 21 for alternative slap hammers.

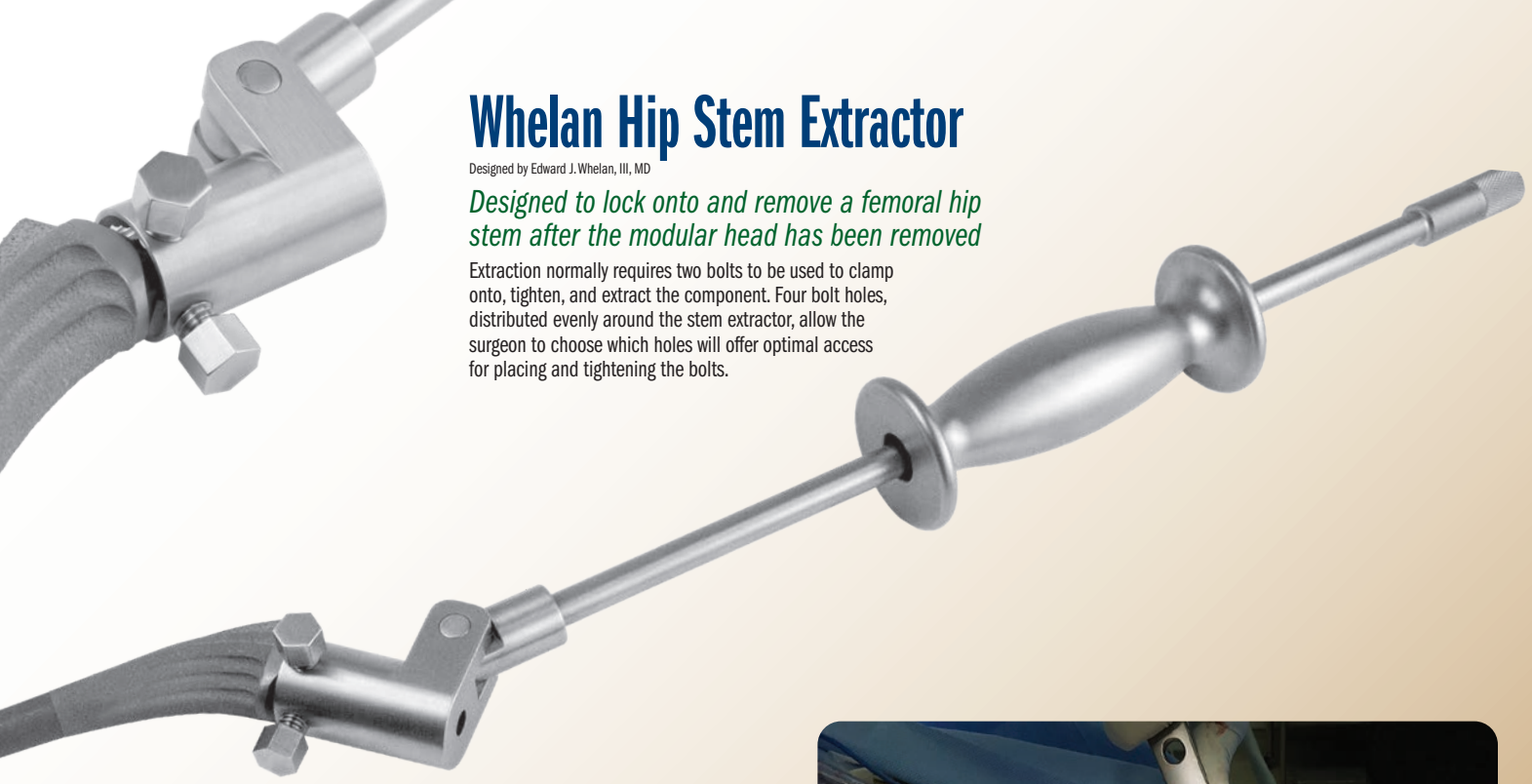
USA MADE

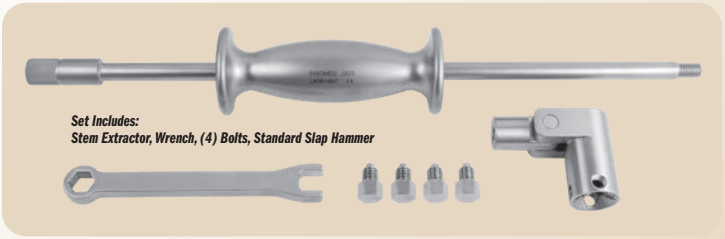
Whelan Hip Stem Extractor

Designed by Edward J. Whelan, III, MD

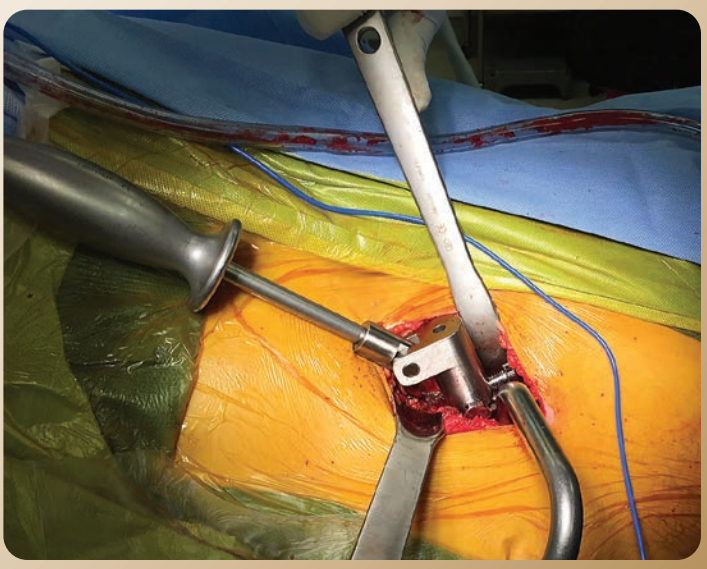
Designed to lock onto and remove a femoral hip stem after the modular head has been removed

Extraction normally requires two bolts to be used to clamp onto, tighten, and extract the component. 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.





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



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

USA MADE

Whelan Extractor Strike Plate Attachment

A slap hammer alternate for extraction help

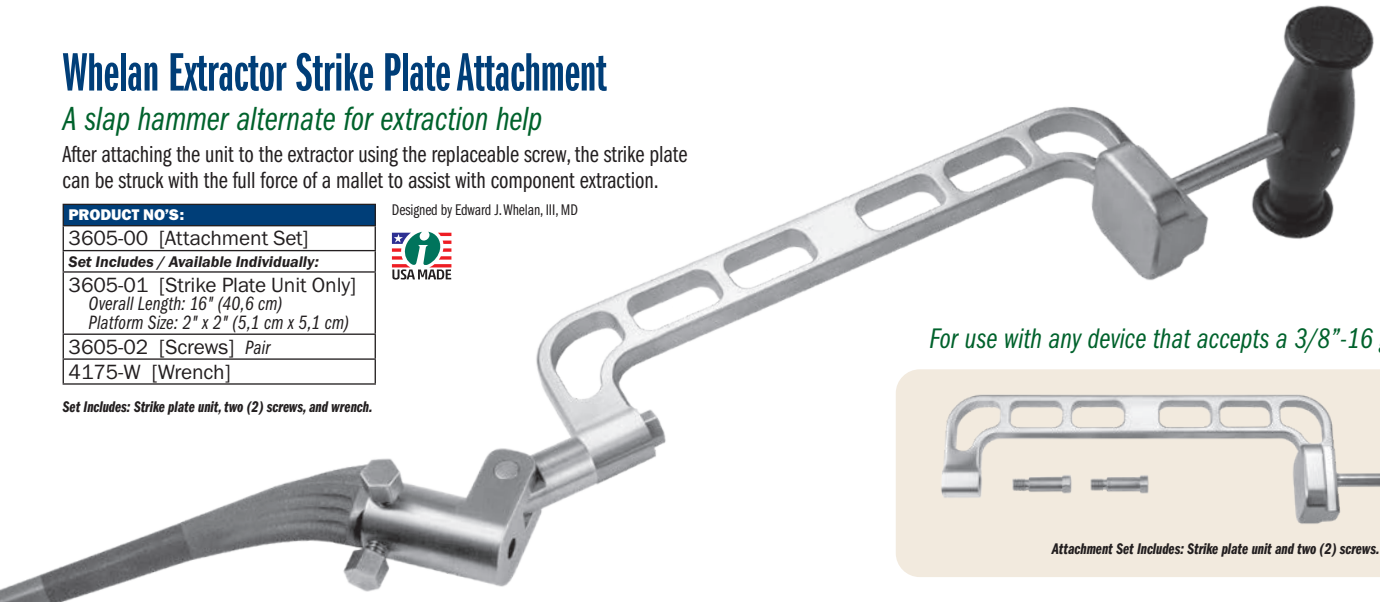
After attaching the unit to the extractor using the replaceable screw, the strike plate can be struck with the full force of a mallet to assist with component extraction.

PRODUCT NO'S:
3605-00 [Attachment Set]
Set Includes / Available Individually:
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*
4175-W [Wrench]

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

Designed by Edward J. Whelan, III, MD

USA MADE



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

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

Femoral Extraction Instruments

Designed to help remove various types of femoral implants

Loop Extractor with Standard Slap Hammer **#S1202**

Loop Extractor Only **#S1202-01**

J-Hook Extractor with Standard Slap Hammer **#S1203**

J-Hook Extractor Only **#S1203-01**

One-Piece Extractor with Standard Slap Hammer **#S1204**

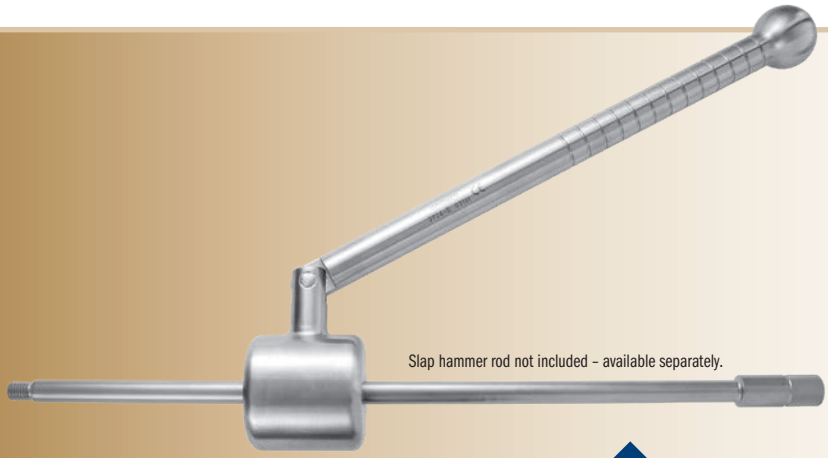
One-Piece Extractor Only **#S1204-01**

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)*
3935 [Extra Large Slap Hammer with 16" Rod] *3/8"-16 Thread Gauge*
3935 [Extra Large Slap Hammer with 16" Rod] *3/8"-16 Thread Gauge*

See page 21 for alternative slap hammers.

USA MADE

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



Slap hammer rod not included – available separately.

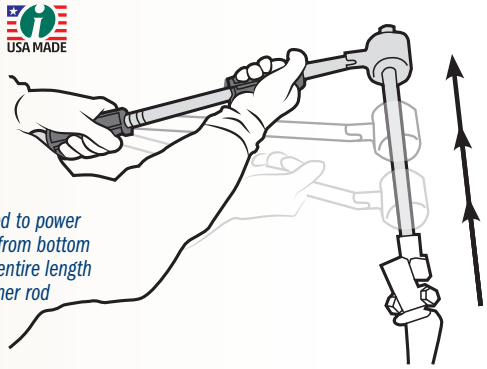
Atlatl Super Slap Hammer

Designed for when extra powerful slap hammer force is needed

Slap hammer rod is not included.

PRODUCT NO'S:
3924-S [Atlatl Super Slap Hammer] *Overall Length: 16" (40,7 cm)* ***Slap hammer rod not included.***
3925-A [16" Rod only] *3/8"-16 Thread Gauge*

USA MADE



Force can be used to power the drive weight from bottom to top along the entire length of the slap hammer rod

For use with a 3/8" diameter slap hammer rod, including the Innomed #3925 & #3935 slap hammers on the following extraction instruments:

Hip – Femoral Component

3610	Universal Modular Hip Component Extractor – Standard
3611	Heck Anterior Modular Hip Component Extractor
3615-00	Unger Universal Modular Hip Component Extractor
4175-00	Whelan Hip Stem Extractor
S1202	Femoral Extraction Instrument – Loop
S1203	Femoral Extraction Instrument – J-Hook
S1203	Femoral Extraction Instrument – One-Piece

Hip – Acetabular Cup/Shell/Liner

3638-00	Lombardi Hip Cup Liner/Shell Extractor

Knee

3630	Tibial Knee Component Extractor
3920	Femoral Knee Component Extractor
3650	4 mm Tibia Tray Removal Hook
3655	8 mm Tibia Tray Removal Hook

Shoulder

3670	Nicholson Universal Humeral Prosthesis Extractor

General

3966	Large Bent Jaw OrthoVise

Standard and Easy Grip Slap Hammers

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

The textured silicone of the Easy Grip slap hammer helps to reduce the shock forces on the surgeon's hand during extraction procedures, and helps the surgeon to maintain a solid grip and prevent the hand from slipping.

PRODUCT NO'S:
3925 [Standard Slap Hammer with 16" Rod] *3/8"-16 Thread Gauge*
3935 [Extra Large Slap Hammer with 16" Rod] *3/8"-16 Thread Gauge*
3926 [Easy Grip Slap hammer with 16" Rod] *3/8"-16 Thread Gauge*
Also available individually:
3925-HS [Easy Grip Slap hammer only]
3925-A [16" Rod only] *3/8"-16 Thread Gauge*

USA MADE

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

Extra Large Slap Hammer with 16" Rod **#3935**

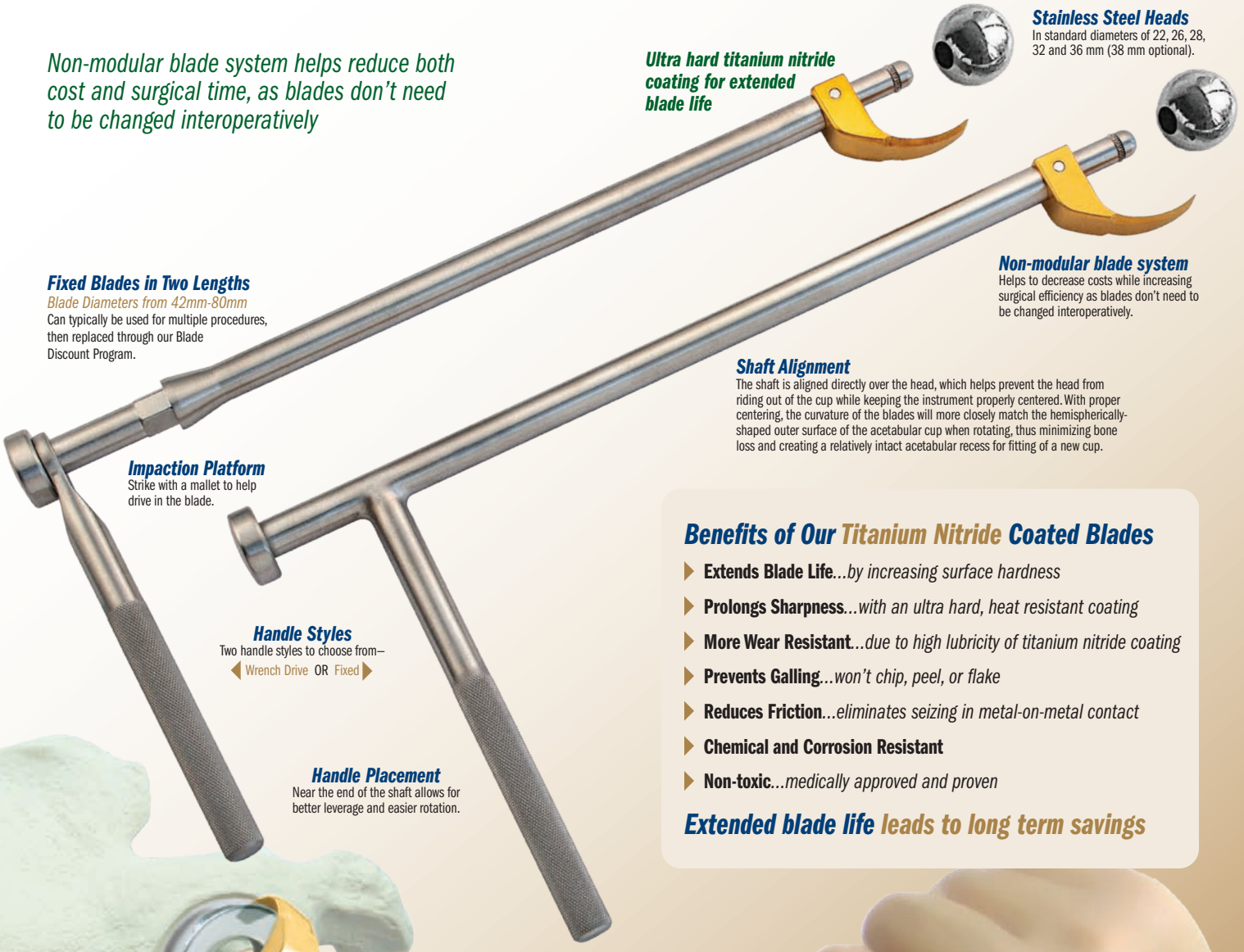
Easy Grip Slap Hammer with 16" Rod **#3926**

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



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

Ultra hard titanium nitride coating for extended blade life

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
Blade Diameters from 42mm-80mm
Can typically be used for multiple procedures, then replaced through our Blade Discount Program.

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 ▶

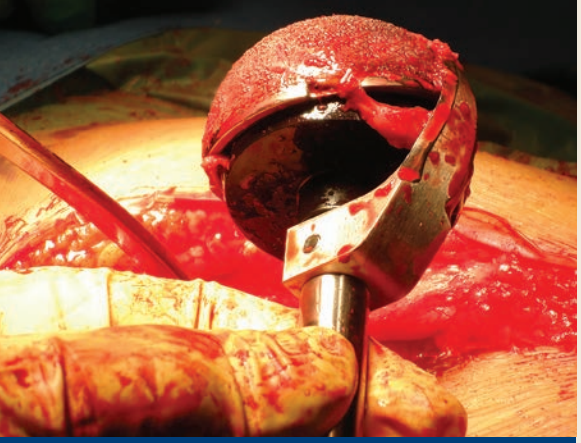
Handle Placement
Near the end of the shaft allows for better leverage and easier rotation.

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

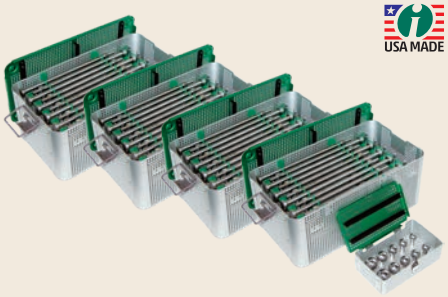
System Rental Available
Available on a single procedure basis

Rental Details
Rental is available in several configurations:
- 4 cases with all sizes, including 2 sets of heads
- 3 cases, including 2 sets of heads
- 2 cases, including 2 sets of heads
- 1 case, including 2 sets of heads
- 1 size (starter & finish), including 2 sets of heads

Each case includes 5 Starter and 5 Finish Instruments

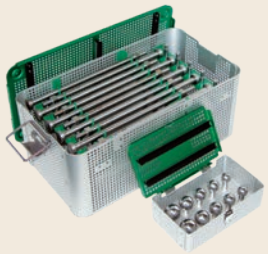
Rental Charges
In addition to a rental fee, there is a charge for each instrument used (not heads). Also, an additional charge applies if the used instruments are kept instead of returned. ***Rental is for one surgical procedure only, and must be returned within 5 days following the procedure.***

COMPLETE INSTRUMENT SET	
5200 5208	***Complete Set – Fixed Handle*** ***Complete Set – Wrench Handle***
	20 Starter & 20 Finish Instruments 3 each of 5 Head sizes *(22mm–36mm)* 5 cases — *4 for Instruments, 1 for Heads* *Includes complete set of 5200-T CupX Blade Contour Checking Templates, plus Ring*



USA MADE

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 *(22mm–36mm)* 2 cases — *1 for Instruments, 1 for Heads* *Includes CupX Blade Contour Checking Templates for corresponding Blade Sizes Chosen, plus Ring*
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 *(22mm–36mm)* 2 cases — *1 for Instruments, 1 for Heads* *Includes CupX Blade Contour Checking Templates for 42 mm – 50 mm Blades, plus Ring*
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 *(22mm–36mm)* 2 cases — *1 for Instruments, 1 for Heads* *Includes CupX Blade Contour Checking Templates for 52 mm – 60 mm Blades, plus Ring*
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 *(22mm–36mm)* 2 cases — *1 for Instruments, 1 for Heads* *Includes CupX Blade Contour Checking Templates for 62 mm – 70 mm Blades, plus Ring*
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 *(22mm–36mm)* 2 cases — *1 for Instruments, 1 for Heads* *Includes CupX Blade Contour Checking Templates for 72 mm – 80 mm Blades, plus Ring*



Any component may be purchased individually

INDIVIDUAL *FIXED HANDLE* SHAFTS WITH FIXED BLADES		Blade Arc Diameter	INDIVIDUAL *WRENCH HANDLE* SHAFTS WITH FIXED BLADES	
Starter	*Finish*		*Starter*	*Finish*
5200-42	5201-42	***42 mm***	5208-42	5209-42
5200-44	5201-44	***44 mm***	5208-44	5209-44
5200-46	5201-46	***46 mm***	5208-46	5209-46
5200-48	5201-48	***48 mm***	5208-48	5209-48
5200-50	5201-50	***50 mm***	5208-50	5209-50
5200-52	5201-52	***52 mm***	5208-52	5209-52
5200-54	5201-54	***54 mm***	5208-54	5209-54
5200-56	5201-56	***56 mm***	5208-56	5209-56
5200-58	5201-58	***58 mm***	5208-58	5209-58
5200-60	5201-60	***60 mm***	5208-60	5209-60
5200-62	5201-62	***62 mm***	5208-62	5209-62
5200-64	5201-64	***64 mm***	5208-64	5209-64
5200-66	5201-66	***66 mm***	5208-66	5209-66
5200-68	5201-68	***68 mm***	5208-68	5209-68
5200-70	5201-70	***70 mm***	5208-70	5209-70
5200-72	5201-72	***72 mm***	5208-72	5209-72
5200-74	5201-74	***74 mm***	5208-74	5209-74
5200-76	5201-76	***76 mm***	5208-76	5209-76
5200-78	5201-78	***78 mm***	5208-78	5209-78
5200-80	5201-80	***80 mm***	5208-80	5209-80

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***

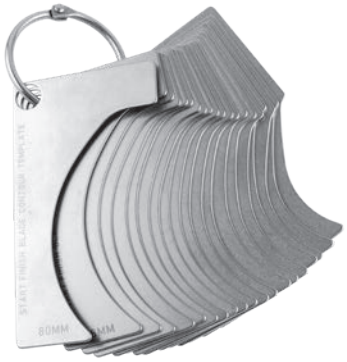
BLADE CONTOUR CHECKING TEMPLATES			
5200-T	***Complete Set with Ring***		
Set Includes / Available Individually:			
5200-42G	***42 mm***	5200-62G	***62 mm***
5200-44G	***44 mm***	5200-64G	***64 mm***
5200-46G	***46 mm***	5200-66G	***66 mm***
5200-48G	***48 mm***	5200-68G	***68 mm***
5200-50G	***50 mm***	5200-70G	***70 mm***
5200-52G	***52 mm***	5200-72G	***72 mm***
5200-54G	***54 mm***	5200-74G	***74 mm***
5200-56G	***56 mm***	5200-76G	***76 mm***
5200-58G	***58 mm***	5200-78G	***78 mm***
5200-60G	***60 mm***	5200-80G	***80 mm***
		5200-GR	***Ring***

Helps to evaluate blade arc accuracy after use

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

CupX Blade Contour Checking Templates

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



INDIVIDUAL CONTOUR TEMPLATES			
5200-T [Complete Set]			
Set Includes / Available Individually:			
5200-42G	*42 mm*	5200-62G	*62 mm*
5200-44G	*44 mm*	5200-64G	*64 mm*
5200-46G	*46 mm*	5200-66G	*66 mm*
5200-48G	*48 mm*	5200-68G	*68 mm*
5200-50G	*50 mm*	5200-70G	*70 mm*
5200-52G	*52 mm*	5200-72G	*72 mm*
5200-54G	*54 mm*	5200-74G	*74 mm*
5200-56G	*56 mm*	5200-76G	*76 mm*
5200-58G	*58 mm*	5200-78G	*78 mm*
5200-60G	*60 mm*	5200-80G	*80 mm*
		5200-GR	*Ring*

USA MADE

New!

Garneti Hip Cup Revision Osteotome Set

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

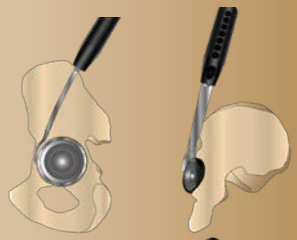
Designed to help extract a well-fixed cementless porous acetabular component

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

Curved #5275-01

Garneti ***Curved*** *Hip Cup Revision Osteotome*

Designed to clear the acetabular margins.



Flat #5275-02

Garneti ***Flat*** *Hip Cup Revision Punch*

Designed to tap the acetabular component in several quadrants, helping to disrupt the implant-bone interface.

Concave #5275-03

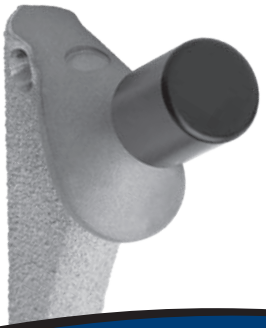
Garneti ***Concave*** *Hip/Knee Revision Osteotome*

Designed to tap the acetabular component in a clock-wise/anti-clockwise direction and finally in a retrograde direction to help with implant removal.

USA MADE

PRODUCT NO'S:	
5275-00 [Set of One Each]	
Set Includes / Available Individually:	
5275-01 [Garneti Curved Hip Cup Revision Osteotome]	*Overall Length: 11.4" (29 cm)* *Blade Width (Maximum): .75" (1,9 cm)* *Strike Plate End Diameter: 1.25" (3,2 cm)*
5275-02 [Garneti Flat Hip Cup Revision Punch]	*Overall Length: 11.2" (28,5 cm)* *Blade Width: .865" (2,2 cm)* *Strike Plate End Diameter: 1.25" (3,2 cm)*
5275-03 [Garneti Concave Hip/Knee Revision Osteotome]	*Overall Length: 11.1" (28,2 cm)* *Blade Width: .7" (1,8 cm)* *Strike Plate End Diameter: 1.25" (3,2 cm)*

Surgical Technique Article:
A Simple Technique to Remove Well Fixed Porous Cementless Acetabular Component in Revision Total Hip Arthroplasty



Kudrna Hip Stem Taper Protectors

Designed by James Kudrna, MD

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

11/13 #1151

12/14 #1152

14/16 #1153

USA MADE

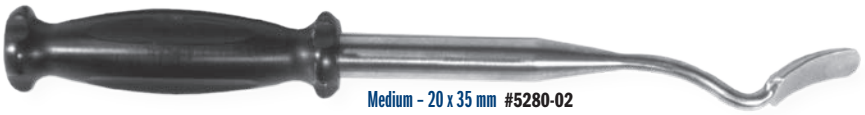
PRODUCT NO'S:
1151 [11/13]
1152 [12/14]
1153 [14/16]

Modified Smith-Peterson Style Osteotomes for Acetabular Cup Removal

Designed by Merrill Ritter, MD

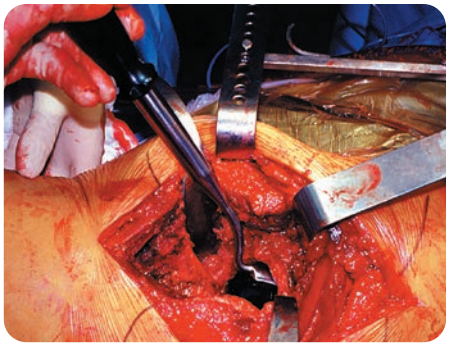
Multi-arch osteotomes help in removal of total hip cups

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.



Medium – 20 x 35 mm #5280-02

Long – 20 x 50 mm #5280-03



PRODUCT NO'S:
5280-02 [Medium] *Blade Dimensions: 20 mm x 35 mm* *Overall Length: 11.675" (29,6 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)*

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" (12,1 cm)*
5240-48 *Blade Width: 48 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75" (12,1 cm)*
5240-52 *Blade Width: 52 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75" (12,1 cm)*
5240-56 *Blade Width: 56 mm* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.75" (12,1 cm)*

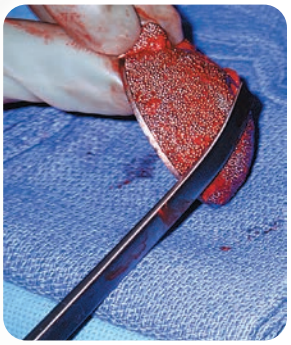
USA MADE

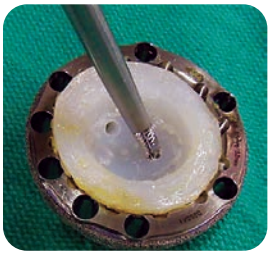
44 mm Radius #5240-44

48 mm Radius #5240-48

52 mm Radius #5240-52

56 mm Radius #5240-56





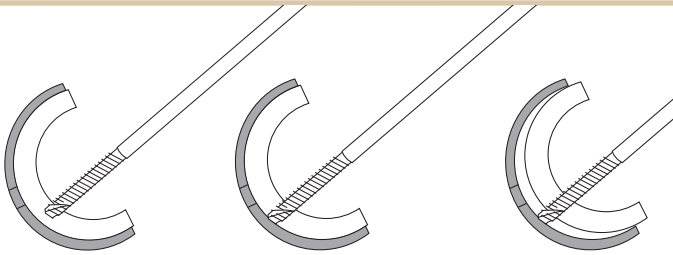
Poly Cup Liner Removal Drill

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.

Lombardi Hip Cup Liner/Shell Extractor

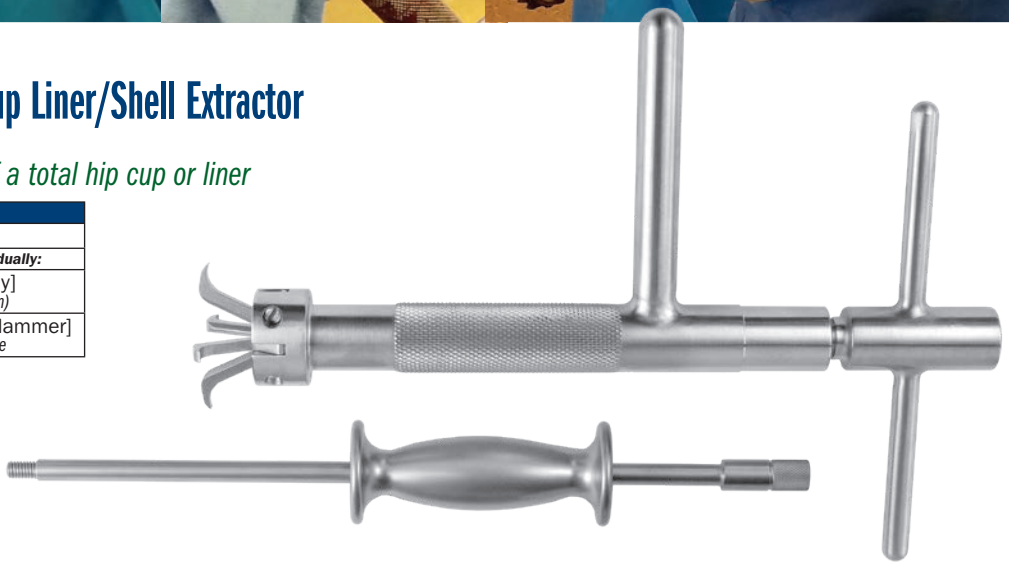
Designed by Adolph V. Lombardi, MD

Used for removal of a total hip cup or liner

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

USA MADE

See page 21 for alternative slap hammers.



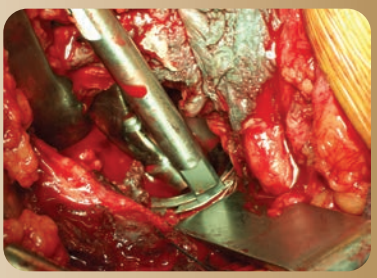
- Expandable flanges are designed to bite into the polyethylene of a total hip cup
- When the flanges have been expanded, a slap hammer is screwed into the extractor for removal
- Can also be used for removal of a metal hip cup shell if the shell has a groove around the rim for the flanges to lock into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

Star Metal Cup Liner Removal Impactor

Designed by Andrew M. Star, MD

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.

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



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

USA MADE

Easy Grip Handles

Textured Soft Silicone

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

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

Bechtold Ergonomic Orthopedic Mallet

Designed by Dustin Bechtold, MD

- Stainless steel head and shaft with an aluminum handle with a right-handed grip
- Large and small striking heads with smooth surface
- Palmar side of the mallet features a flat surface to slide along a broach or impacting type instrument for back slapping and serves well as an additional striking surface

USA MADE

PRODUCT NO:
7822 *Overall Length: 10.75" (27,3 cm)* *Head Width: 4" (10,2 cm)* *Large Head Diameter: 2" (5,1 cm)* *Small Head Diameter: 1.5" (3,8 cm)*

Ergonomically designed for forward and backward strikes, featuring an ergonomic handle with a tamp

Soft Impact Mallets

with Easy Grip Handles

Weidman handle designed by Kevin Weidman, MD

Filled with a shock-absorbing media and has a flat striking surface to keep the mallet centered on an instrument while providing less bounce or wasted force.

The comfortable Easy Grip handle is made of a textured silicone that helps prevent the surgeon's gloved hand from slipping and helps maintain a solid grip. The bottom can also be used to tap an implant in place.

The mallet with delrin head features a replaceable delrin head.

Easy Grip Handles

Textured Soft Silicone

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

2 lbs. Standard
#7820

2 lbs. w/Weidman Handle
#7821

2 lbs. w/Delrin End
#7832

3 lbs. Standard
#7837

Provides shock-absorbing force

Replacement Delrin Heads

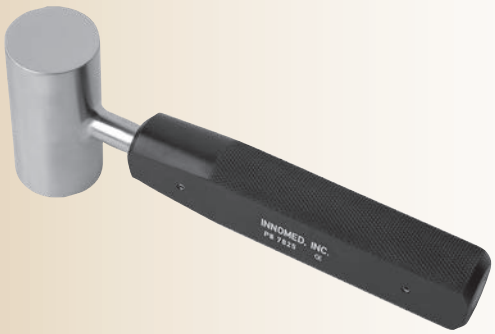
PRODUCT NO'S:
7820 [2 lbs. Standard] *Weight: 2 lbs. (.907 kg)* *Overall Length: 10.5" (26,7 cm)* *Handle Length: 5" (12,7 cm)* *Head Width: 3.5" (8,9 cm)* *Head Diameter: 1.375" (3,5 cm)*
7821 [2 lbs. w/Weidman Handle] *Weight: 2 lbs. (.907 kg)* *Overall Length: 10.625" (27 cm)* *Grip Length: 5.5" (14 cm)* *Head Width: 3.5" (8,9 cm)* *Head Diameter: 1.375" (3,5 cm)*
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)*
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)*
Delrin Head Replacements for 7832:
7832-HEAD01 [.5" Stud] *Single*
7832-HEAD02 [.5" Stud] *3-Pack*
7832-HEAD03 [.875" Stud] *Single*
7832-HEAD04 [.875" Stud] *3-Pack*

USA MADE

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)*

PRODUCT NO:
7828 [2.5 lbs] *Overall Length: 9.15" (23,2 cm)* *Handle Length: 6" (15,2 cm)* *End Diameter: 3" (7,6 mm)*

USA MADE

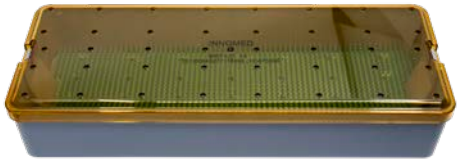
Aluminum Tapered Maul/Mallet

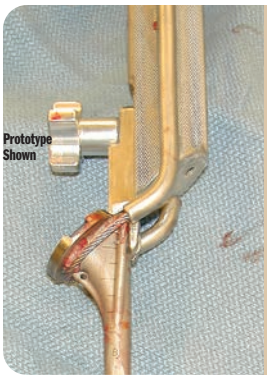
The large surface area allows the surgeon to focus on the action area of the instrument being struck, instead of making sure the mallet will strike the end of the instrument, much like a sculptors mallet

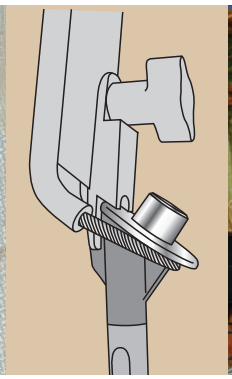
Nicholson Universal Humeral Prosthesis Extractor

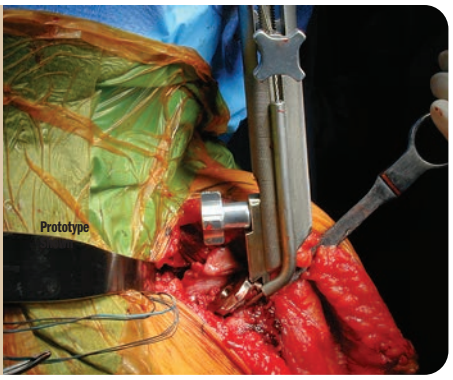
Designed by Gregory Nicholson, MD

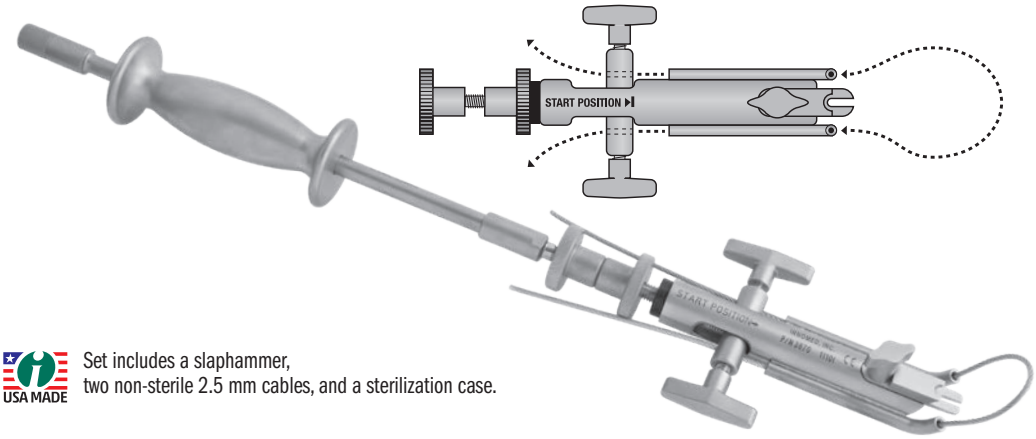
Designed to fit most humeral prostheses











PRODUCT NO'S:
3670 [Extractor Set with Case]
Set Includes / Available Individually:
3670-01 [Extractor Only]
3670-10 [Foot Adapter]
3670-CABLE [2.5 mm Cable] *Package of 2*
9007 [Case Only]
3925-A12 [12" (30,5 cm) Slaphammer Rod Only]
3925-H [Slaphammer Only (No Rod)]

USA MADE

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

Nicholson Shoulder and Small Bone Cement Removal Instruments

Designed by Gregory Nicholson, MD

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

Extra Small 5 mm Gouge
#5251-05

Small 7 mm Gouge
#5251-07

Medium 9 mm Gouge
#5251-09

Large 11 mm Gouge
#5251-11

Small 7 mm Gouge with Splitter
#5252-07

Medium 9 mm Gouge with Splitter
#5252-09

Large 11 mm Gouge with Splitter
#5252-11

Backhook
#5254

Footed Impactor
#5255

- Reverse bevel tip helps the gouge to slide between the bone and cement
- T-shaped Gouge-Splitter allows the gouge to slide between the cement and bone and vertically split the cement mantle to facilitate removal
- Small diameter widths and curvatures more closely match shoulder and elbow implants and smaller bone diameters
- Shorter length allows for better control and access
- The footed impactor is used to help remove a humeral implant by impacting the medial collar of the prosthesis – helps provide a very direct parallel force to the implant for removal

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

Levy Humeral Stem Extraction Punch

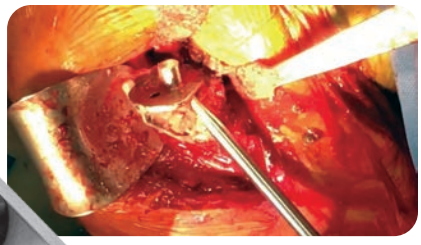
Designed by Jonathan Levy, MD

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

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

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

USA MADE



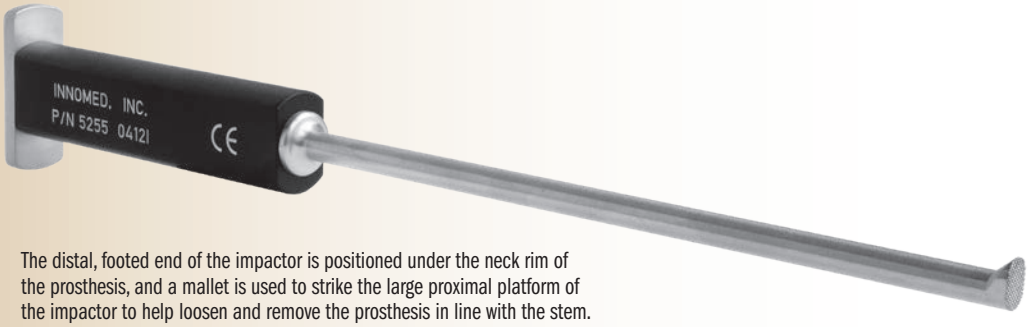
Nicholson Footed Impactor

Designed by Gregory Nicholson, MD

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

PRODUCT NO:
5255 *Foot Pad Size: 8.5 mm x 11.5 mm* *Shaft Diameter: 8.5 mm (21,6 cm)* *Overall Length: 12.75" (32,4 cm)* *Handle Length: 4.5" (11,4 cm)*

USA MADE

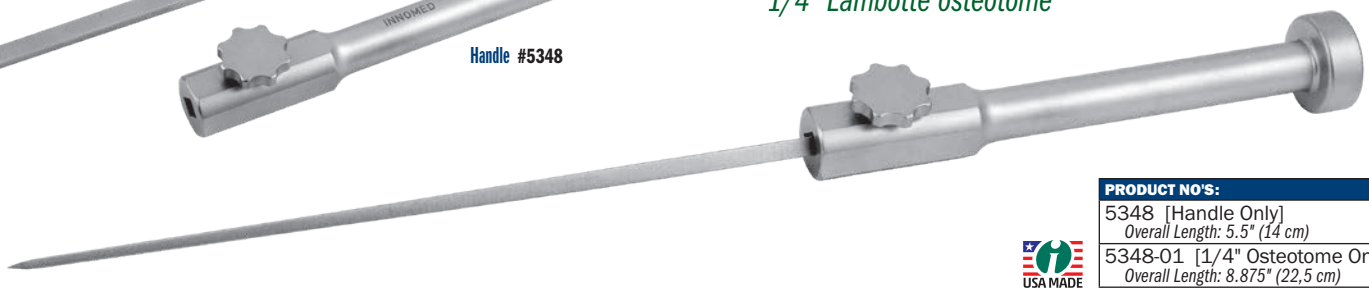


The distal, footed end of the impactor is positioned under the neck rim of the prosthesis, and a mallet is used to strike the large proximal platform of the impactor to help loosen and remove the prosthesis in line with the stem.

Wagner Osteotome Handle

Designed by Russell Wagner, MD

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



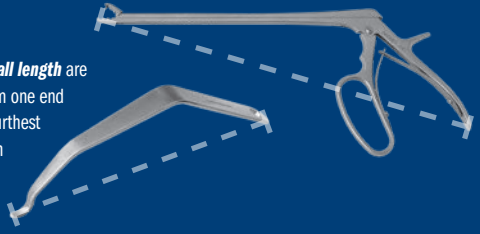
USA MADE

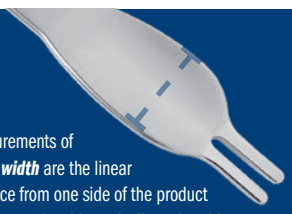
PRODUCT NO'S:
5348 [Handle Only] *Overall Length: 5.5" (14 cm)*
5348-01 [1/4" Osteotome Only] *Overall Length: 8.875" (22,5 cm)*

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:

INNOMED
103 Estus Drive
Savannah, GA 31404

FREE TRIAL
on most instruments

Instruments are available for a no-charge two-week evaluation – includes FREE UPS Ground Shipping*

*When shipped to a hospital or medical center; additional charge applies for expedited shipping.
Free trial offer excludes implant extraction instruments, which are available as rentals. There is a pad replacement charge with the hip positioners.

Intramedullary Nail Removal Set

System designed to help remove an intramedullary nail

PRODUCT NO'S:
2027-20 [Intramedullary Nail Removal Set]
Set Includes / Available Individually:
2027-06 [Stabilizing Bar] *Overall Length: 5.9" (15 cm)*
2027-07 [Open End Wrench] *Overall Length: 3.94" (10 cm)*
2027-11A [Extraction Spreader Size 1] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-11B [Extraction Spreader Size 1.5] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-11C [Extraction Spreader Size 2] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-11D [Extraction Spreader Size 2.5] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-11E [Extraction Spreader Size 3] *Overall Length: 2.75" (7 cm)* ***Two included in set; one with this product number***
2027-12A [Extraction Assembly Rod & Slaphammer] *Overall Length: 18.5" (47 cm)*
2027-12B [Extraction Push Rod] *Overall Length: 19" (48,3 cm)*
2027-12C [Extraction Tightening Assembly] *Overall Length: 3" (7,6 cm)* *Handle Width: 2.125" (5,4 cm)*
2027-TRAY [Tray] *Not Shown*
2027-LID [Lid] *Not Shown*

INSTRUCTIONS FOR NAIL REMOVAL:

1. Insert the push rod into the slaphammer rod, leaving the ball end outside of the slaphammer rod. Connect the t-handle tightening assembly over the ball end of the push rod. Screw the t-handle tightening assembly with push rod attached into the slaphammer rod.
2. To determine the correct size of nail extraction spreader, it should be completely inside the nail to be removed. If the extraction spreader wobbles, then it is too small. If threads are exposed, it is too large.
3. The extraction spreader is then completely threaded into the tapered end of the slaphammer rod. It is tightened using the open-end wrench and stabilizing bar.
4. The complete assembly is screwed into the nail by hand tightening.
5. Tap on the end of the t-handle tightening assembly with three light taps and re-tighten the t-handle tightening assembly if needed. Using the slaphammer or mallet, start with light taps to remove the nail.

MADE FOR INNOMED IN GERMANY

New!


Stabilizing Bar **#2027-06**


Open End Wrench **#2027-07**


Extraction Spreader Size 1 **#2027-11A**
Two included in set; one with this product number


Extraction Spreader Size 1.5 **#2027-11B**
Two included in set; one with this product number


Extraction Spreader Size 2 **#2027-11C**
Two included in set; one with this product number


Extraction Spreader Size 2.5 **#2027-11D**
Two included in set; one with this product number


Extraction Spreader Size 3 **#2027-11E**
Two included in set; one with this product number


Extraction Assembly Rod & Slaphammer **#2027-12A**


Extraction Push Rod **#2027-12B**


Extraction Tightening Assembly **#2027-12C**

INNOMED, INC
103 Estus Drive
Savannah, GA 31404

Tel 912.236.0000
Fax 912.236.7766

innomed.net
info@innomed.net

Innomed-Europe LLC
Alte Steinhauserstr. 19
CH-6330 Cham, Switzerland
Tel 0041 (0) 41 740 67 74

www.innomed-europe.com
orders@innomed-europe.com

Innomed-Europe GmbH
c/o Emons Logistik GmbH
In Rammelswiesen 9
D-78056 Villingen-Schwenningen, Germany
Tel 0049 (0) 7720 46110 60

www.innomed-europe.com
orders@innomed-europe.com

ISO 13485:2016

08 24

1.800.548.2362 INNOMED.NET