

Instrument Disassembly and Assembly Manual



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Table of Contents

General Instrumentation	4
AO Collet Handle with Spin Grip	4,5
Cable Tensioner and Tensioner Bit	6,7
Forceps	8–10
Handles	11,12
Modular Tap Handle	11,12
Plate Bending	13
Straight Universal Handle	14,15
Suction Device	16,17
T-Handle	18,19
Cutting and Drilling Instruments	20
Acetabular Drills	20,21
Anterior Hip Calcar Trimmers	22,23
Bone Chisels	24
Calcar Planars	25,26
Drill Chucks	27
Dynesys Spacer Cutter	28,29
Patella Drill	30,31
Reamer and Reamer Handles	32

Insertion, Impaction, and Extraction Instruments 33

Acetabular Impactors	33,34
Cup Impactors	35–38
Extractor with Sliding Hammer.....	39
Head Extractor.....	40
Head Impactors	41,42
Humeral Cup Extractor	43
Humeral Trial Extractor	44,45
Impactor/Extractor for Angled Blade Plates.....	46
Kinectiv Hip Stem Extractor.....	47,48
Liner Inserters	49,50
Modular Femoral Stem Extractor.....	51
Monoblock Femoral Stem Extractor	52
PerFuse Decompression Extractor Adaptor	53,54
PerFuse Decompression Handle.....	55,56
Plate and Nail Impactors.....	57–59
Shoulder Assembly Adapter	60
Shoulder Impactors.....	61
Staple Impactor.....	62
Stem Extractor Adaptor.....	63
Stem Extractor, Straight	64
Stem Impactor/Extractor, Wagner SL and Wagner Cone.....	65
Stem Extractor, Wagner SL.....	66
Stem Inserters.....	67,68

Table of Contents

Modular Case Brackets and Accessories	69
Flexion-First Modular Case Brackets.....	69,70
Persona Modular Case Brackets	69,70
Positioning and Measuring Instruments	71
Adjustable Bone Chisel Guide.....	71
Alignment Spacer.....	72
Cup Alignment Adaptor.....	73
Depth Gauges.....	74–83
Depth Gauges (Type 1).....	84
Depth Gauges (Type 2).....	84
Drill Guide Blocks.....	85,86
Drill Guide for Angled Blade Plates	87
Drill Guide for Self-Compressing Plates	88
Flexion-First Balancing Instruments	89–93
Guiding Device for MS-30 Stem.....	94
Locking Entry Cannula	95,96
OSS Distal Femoral Expandable - Counter Instrument	97,98
Posterior Referencing Sizer	99
Spacer Block Assemblies.....	100
Tensor Assemblies.....	101
Tibial Alignment Guide	103
Tibial Feeler Guide Distal.....	102
Provisional and Trialing Instruments.....	104
Tibial Articular Surface Provisional (TASP).....	104,105

Rasp Handles and Rasp Handle Accessories	106
Retractors and Retainers.....	107
Anterior Hip Retaining Peg Clip Assembly	107,108
Anterior Hip Retractor Handle Length Extender	109,110
Screwdrivers and Wrenches	111
Screwdrivers for Cervical Hip Screws.....	111
Index.....	114–123

GENERAL INSTRUMENTATION

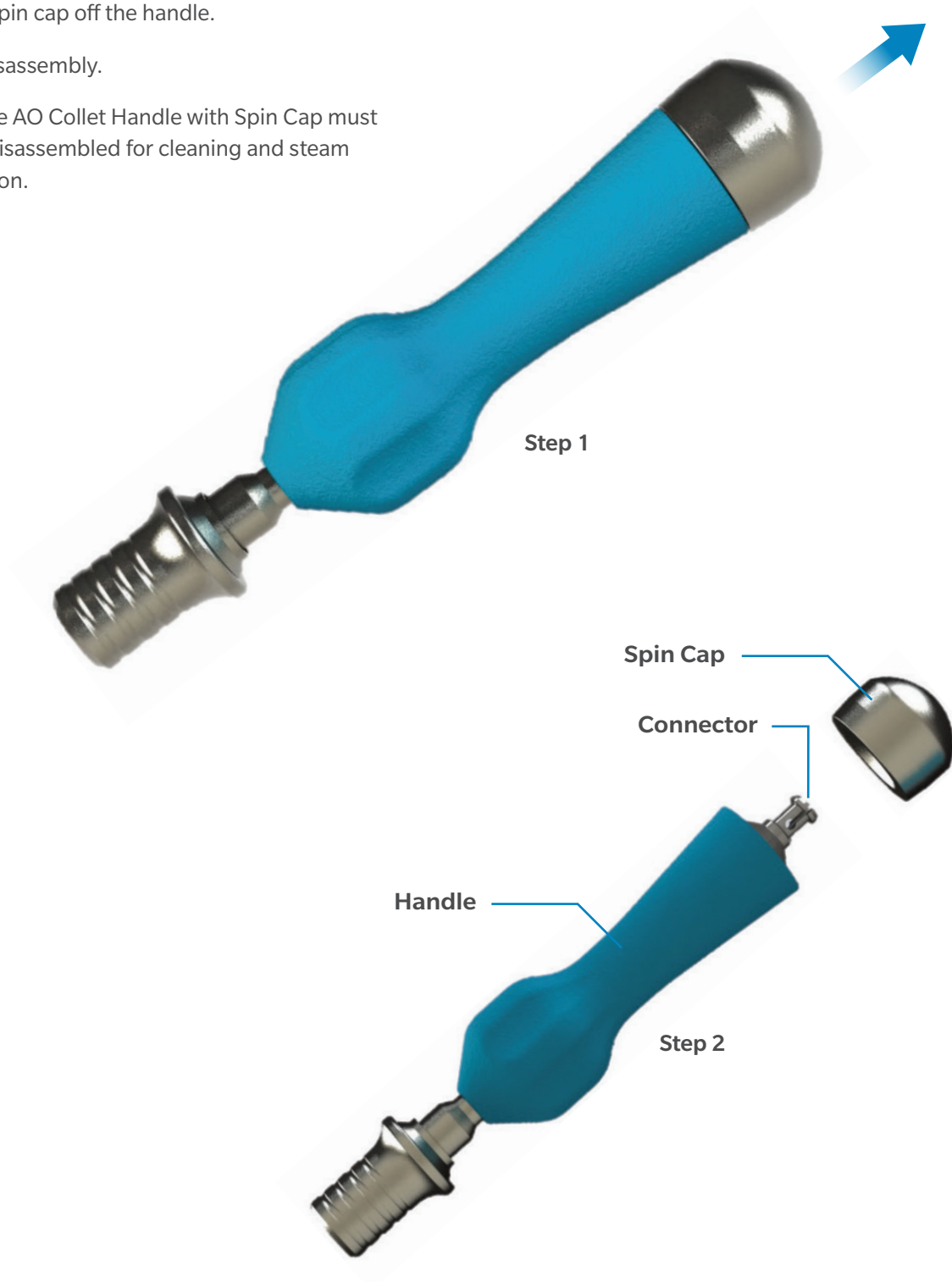
AO Collet Handle with Spin Cap

Part Number: 00-2366-015-00

Disassembly Instructions

1. Pull the spin cap off the handle.
2. End of disassembly.

ⓘ **Note:** The AO Collet Handle with Spin Cap must be fully disassembled for cleaning and steam sterilization.



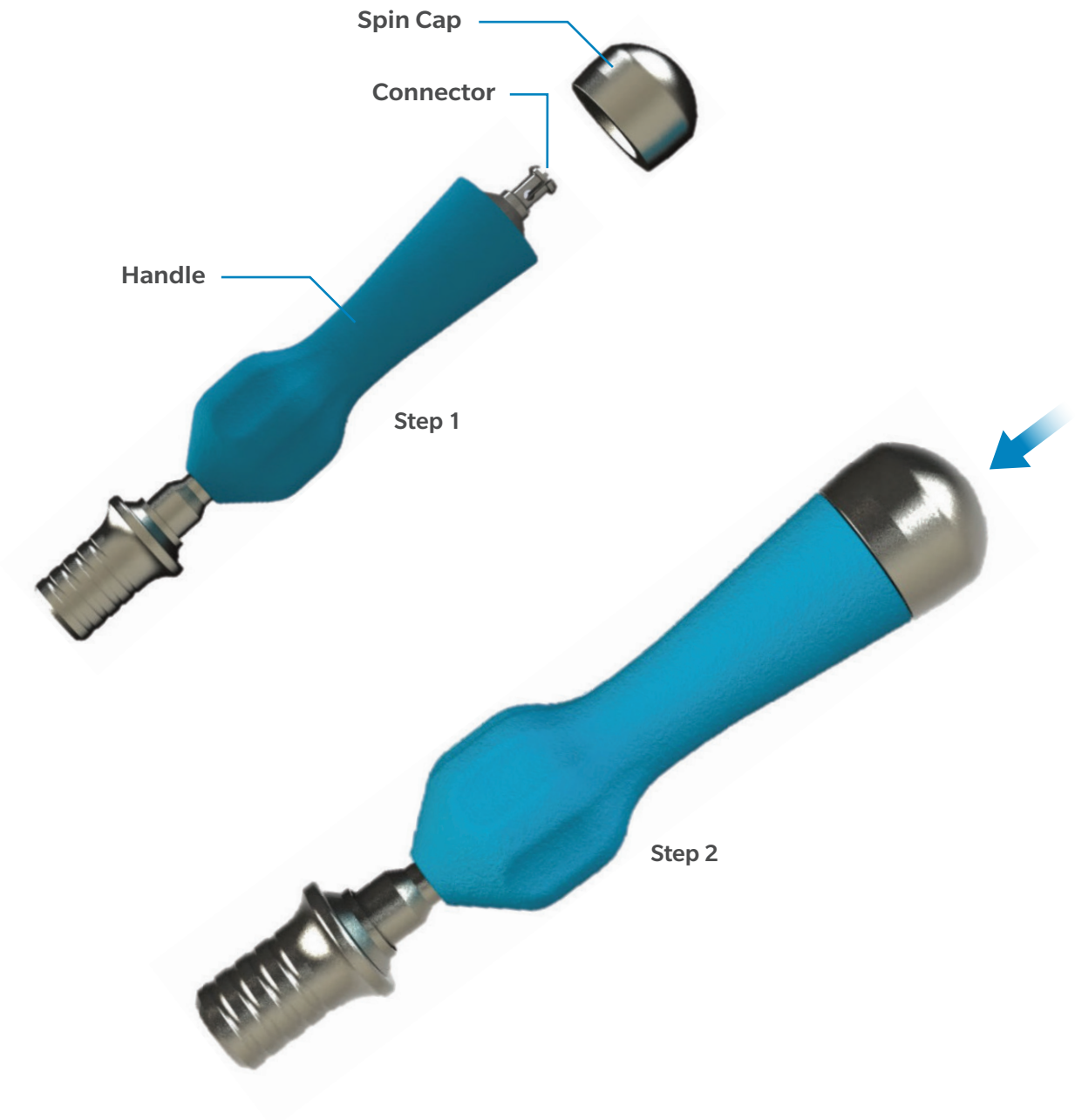
GENERAL INSTRUMENTATION

AO Collet Handle with Spin Cap

Part Number: 00-2366-015-00

Assembly Instructions

1. Place the spin cap on the connector on the end of the handle and press firmly. The cap should spin freely on the handle.
2. End of assembly.



GENERAL INSTRUMENTATION

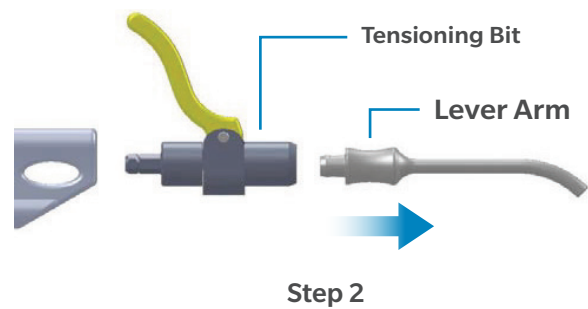
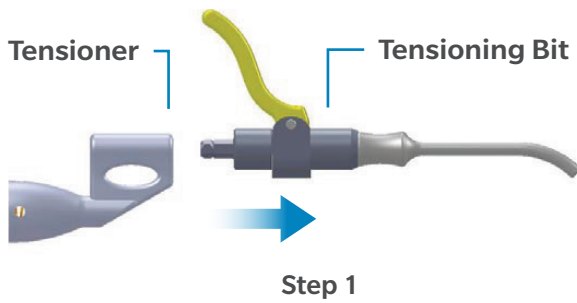
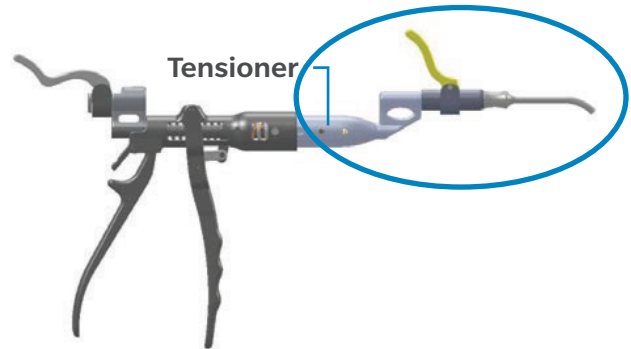
Cable Tensioner and Tensioner Bit

See Index for list of applicable part numbers

Disassembly Instructions

1. Pull the tensioning bit out from the tensioner.
2. Pull the lever arm out from tensioning bit.
3. End of disassembly.

Note: The Tensioner and Bit must be fully disassembled for cleaning and steam sterilization.



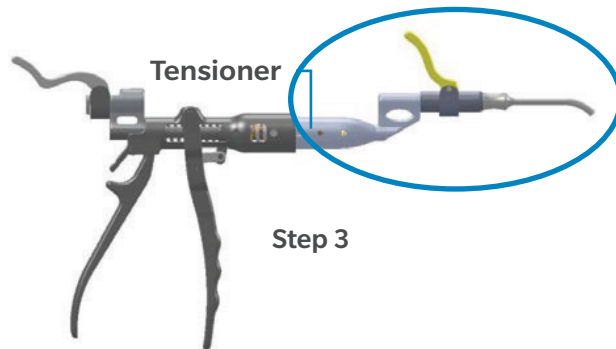
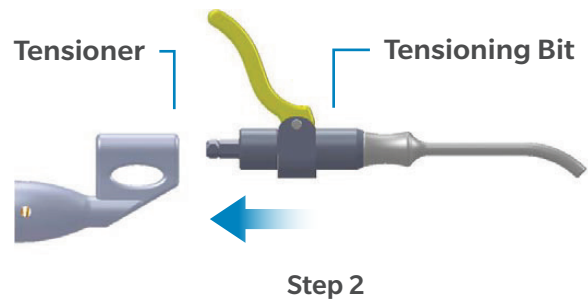
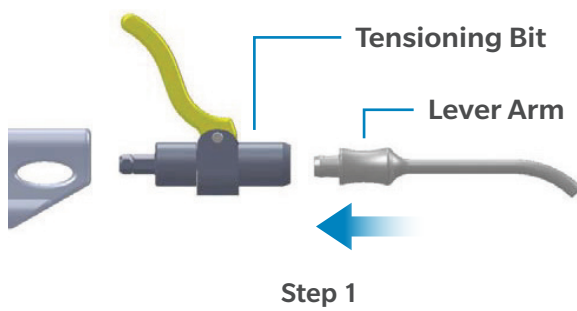
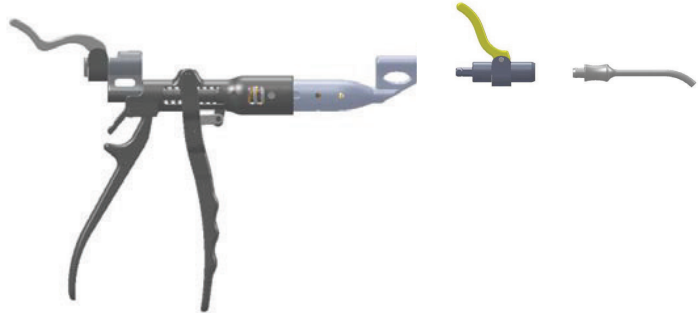
GENERAL INSTRUMENTATION

Cable Tensioner and Tensioner Bit

See Index for list of applicable part numbers

Assembly Instructions

1. Insert the lever arm into tensioning bit.
2. Insert the tensioning bit into tensioner.
3. End of assembly.



GENERAL INSTRUMENTATION

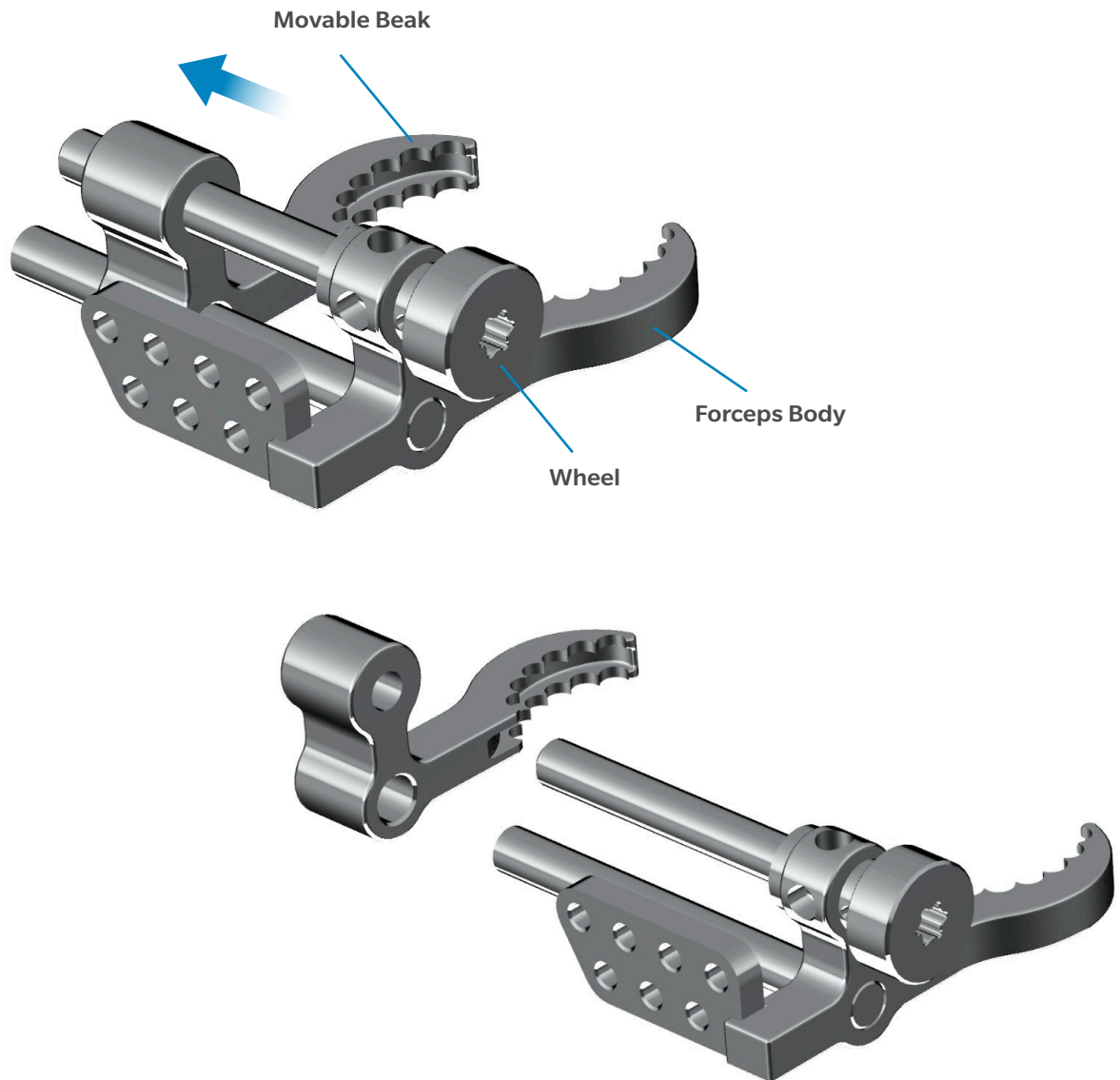
Forceps

Part Number: A0168F01

Disassembly Instructions

1. Remove the movable beak from the forceps body by unscrewing it with the wheel.
2. End of disassembly.

ⓘ **Note:** The Uption Complete Femoral Forceps must be fully disassembled for cleaning and steam sterilization.



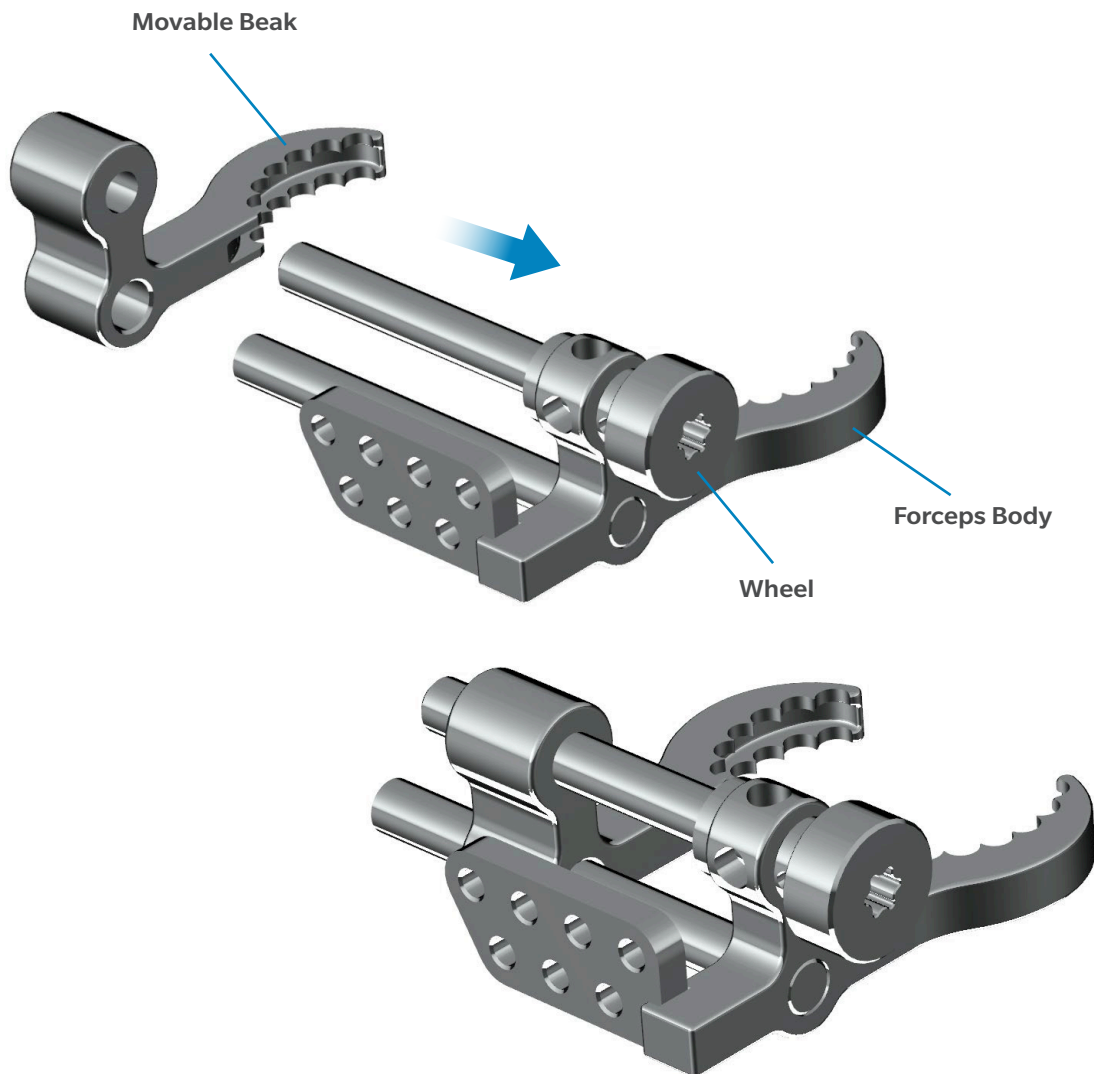
GENERAL INSTRUMENTATION

Forceps

Part Number: A0168F01

Assembly Instructions

1. Place the threading hole of the movable beak in front of the thread axis of the Forceps body and the other hole of the movable beak in front of the non-thread axis of the femoral forceps (see image below).
2. Set the movable beak on the forceps body by screwing the wheel.
3. End of assembly.



GENERAL INSTRUMENTATION

Forceps

Part Number: 100.10.010

Disassembly Instructions

Assembly instructions in reverse order

1. Turn the threaded rod (5) up to unlock it from the guide bolt (4) as shown on Figure 2.
2. Rotate the right lever (2) on the left lever (1) until the slot on the locking sleeve becomes aligned with the contour of the head screw (3) as shown on Figure 3.
3. Pull off the right lever (2) from the left lever (1) as shown on Figure 4.
4. The dis-assembled instrument is shown on Figure 5.

Further disassembly of the instrument is not necessary, and it may be performed only by the manufacturer during servicing.

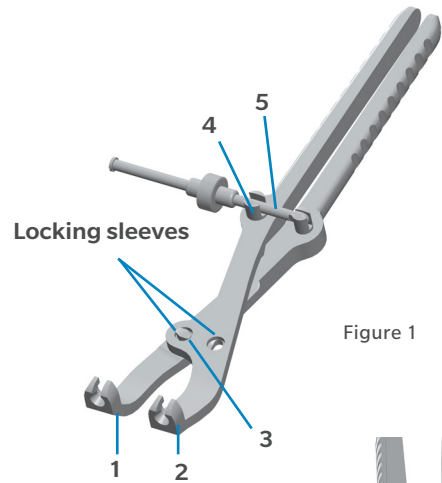


Figure 1

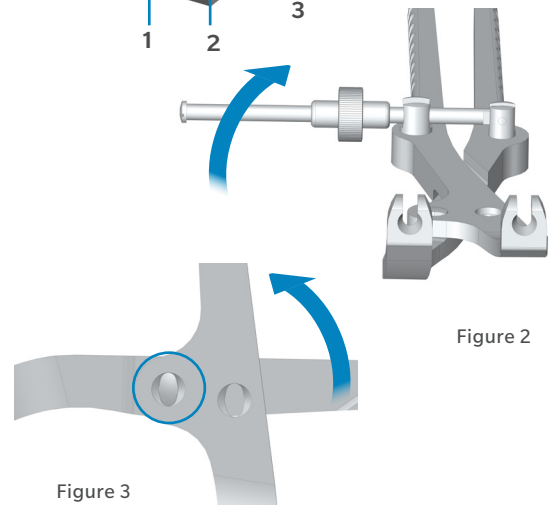


Figure 2

Figure 3

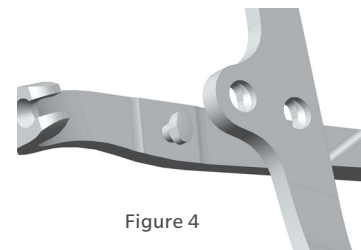


Figure 4

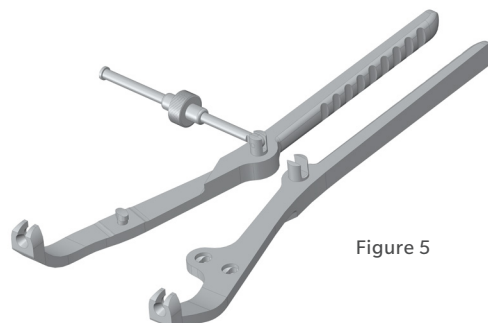


Figure 5

GENERAL INSTRUMENTATION

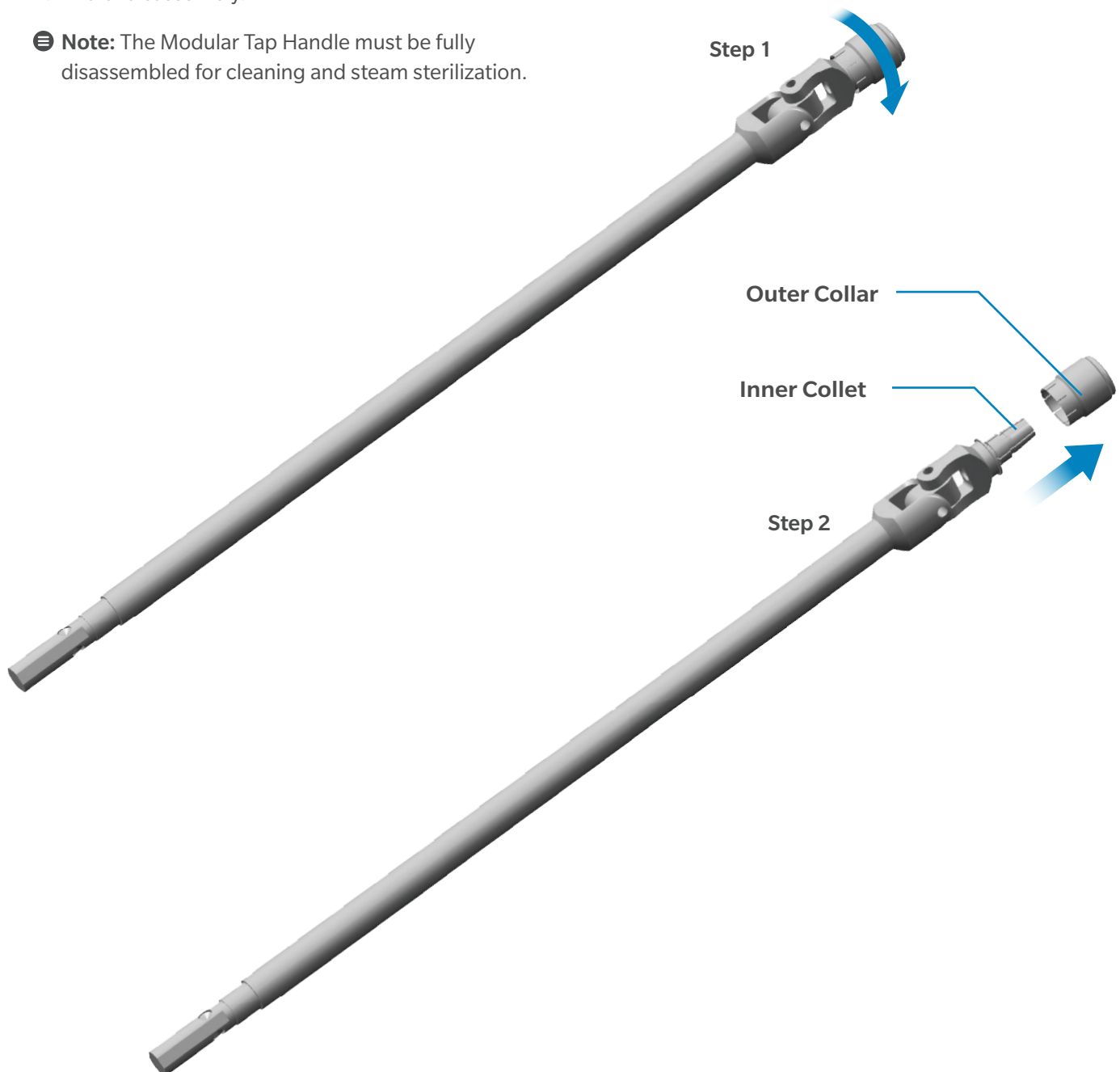
Modular Tap Handle

Part Number: 00-8790-005-30

Disassembly Instructions

1. Turn the outer collar counter clockwise to completely unthread the outer collar from the inner collet. There will be increased resistance as you continue to unthread the outer collar.
2. End of disassembly.

Note: The Modular Tap Handle must be fully disassembled for cleaning and steam sterilization.



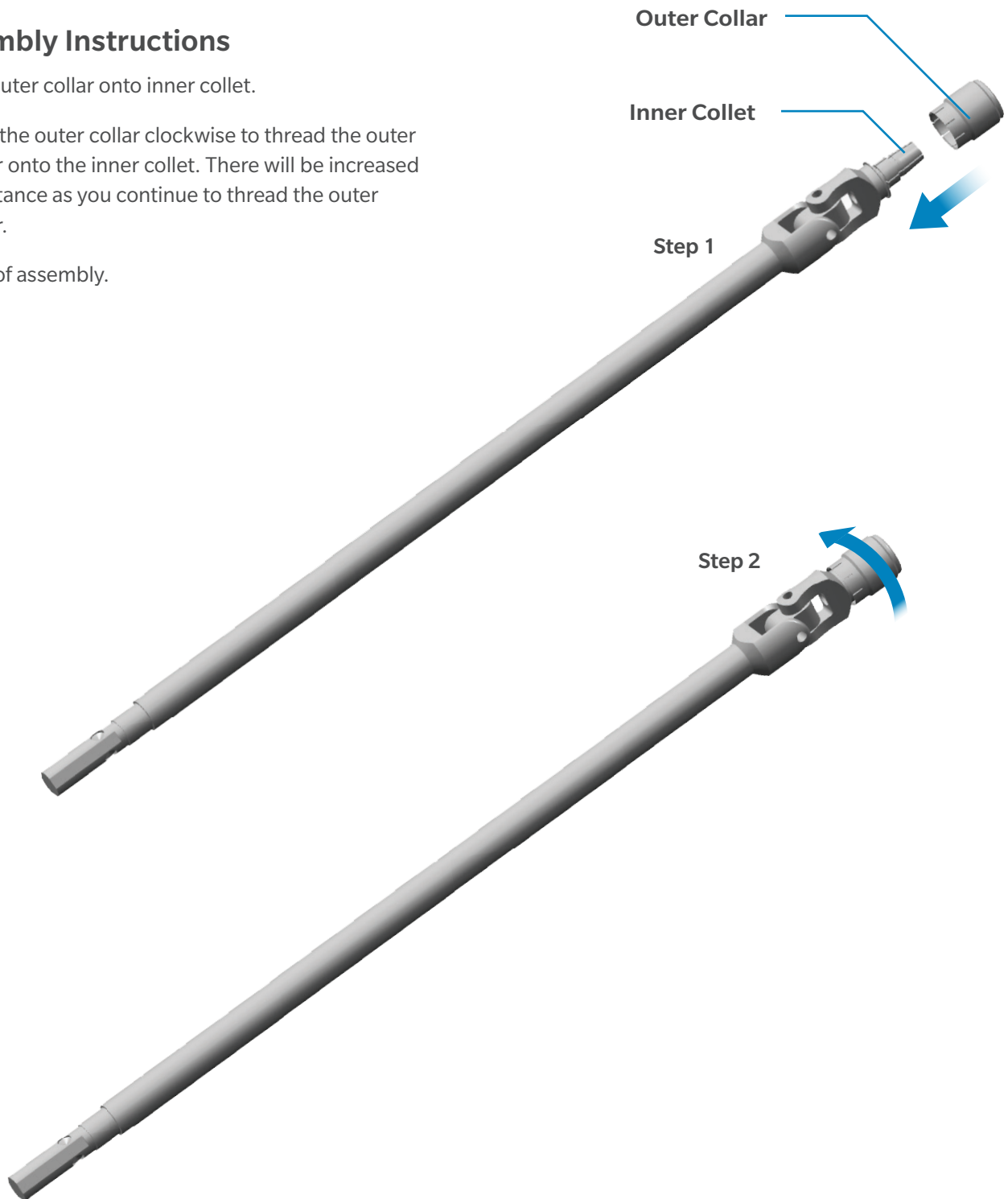
GENERAL INSTRUMENTATION

Modular Tap Handle

Part Number: 00-8790-005-30

Assembly Instructions

1. Put outer collar onto inner collet.
2. Turn the outer collar clockwise to thread the outer collar onto the inner collet. There will be increased resistance as you continue to thread the outer collar.
3. End of assembly.



GENERAL INSTRUMENTATION

Plate Bending Press

Part Number: 100.06.010

Disassembly Instructions

Assembly instructions in reverse order

1. The bending press should be disassembled for cleaning.
2. Unsnap the compression plate from the compression screw.
3. Remove the compression screw and compression plate as shown in the disassembled state below (Figure 2).

Further disassembly of the instrument is not necessary, and it may be performed only by the manufacturer during servicing.



Figure 1: Assembled state

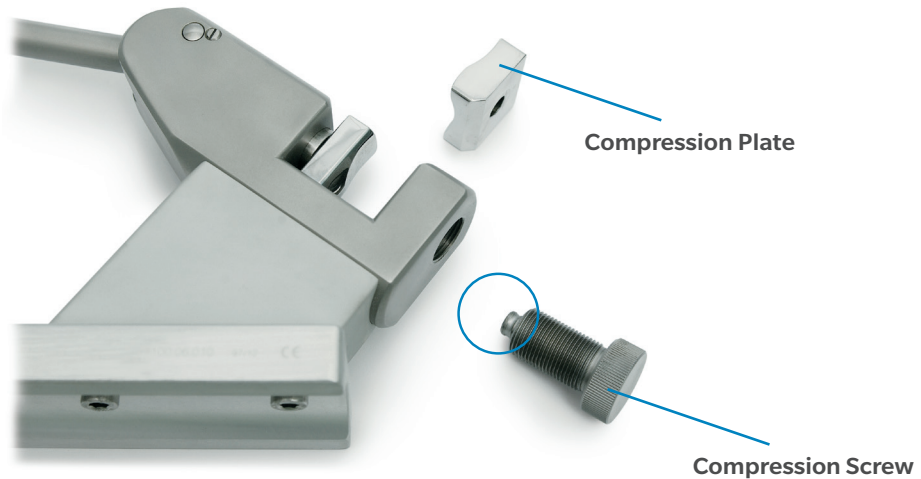


Figure 2: Disassembled state

GENERAL INSTRUMENTATION

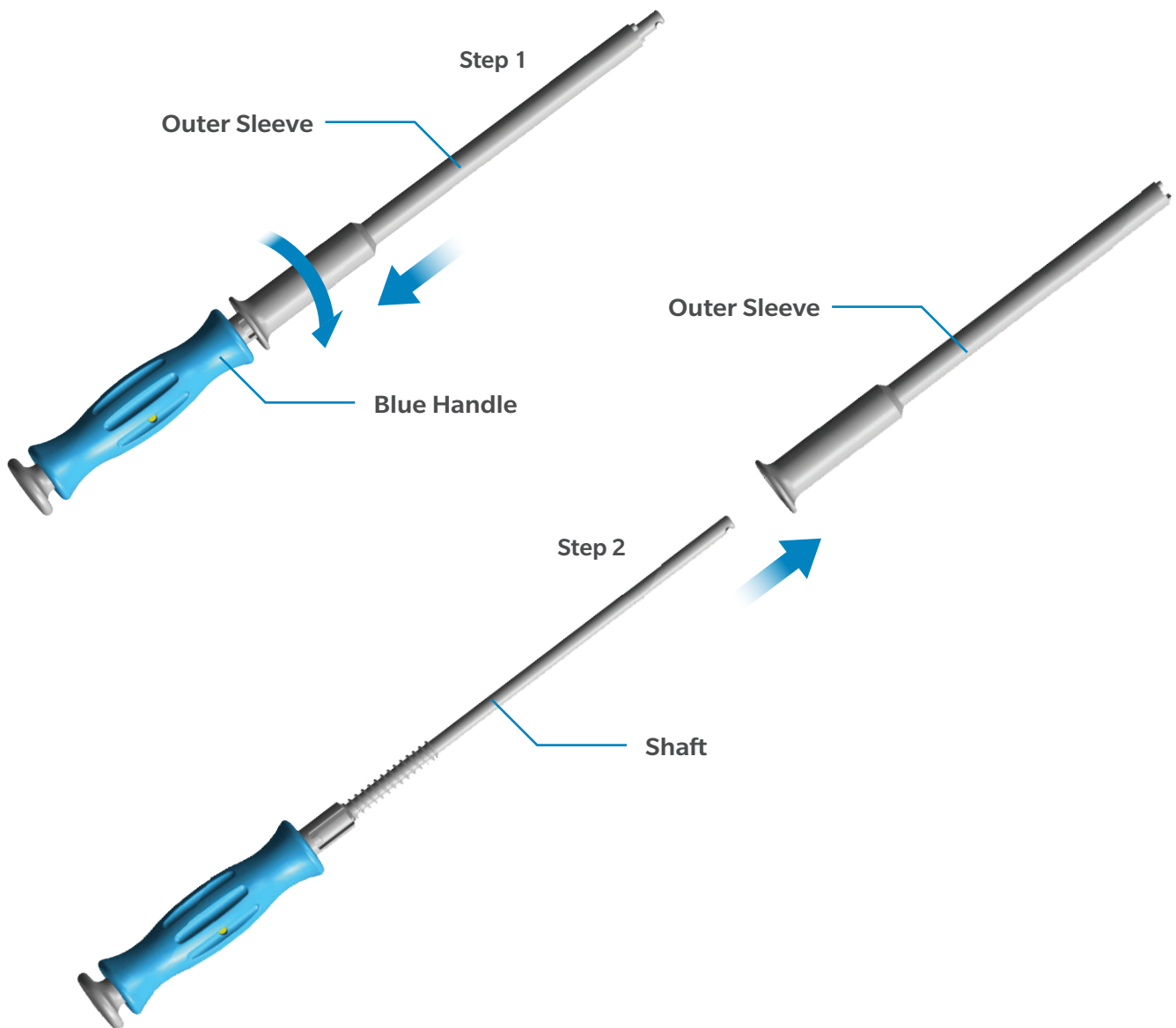
Straight Universal Handle

Part Number: 00-8790-010-00

Disassembly Instructions

1. Pull the outer sleeve towards the blue handle and twist clockwise to unlock the sleeve.
2. Slide sleeve away from blue handle.
3. End of disassembly.

ⓘ **Note:** The Straight Universal Handle must be fully disassembled for cleaning and steam sterilization.



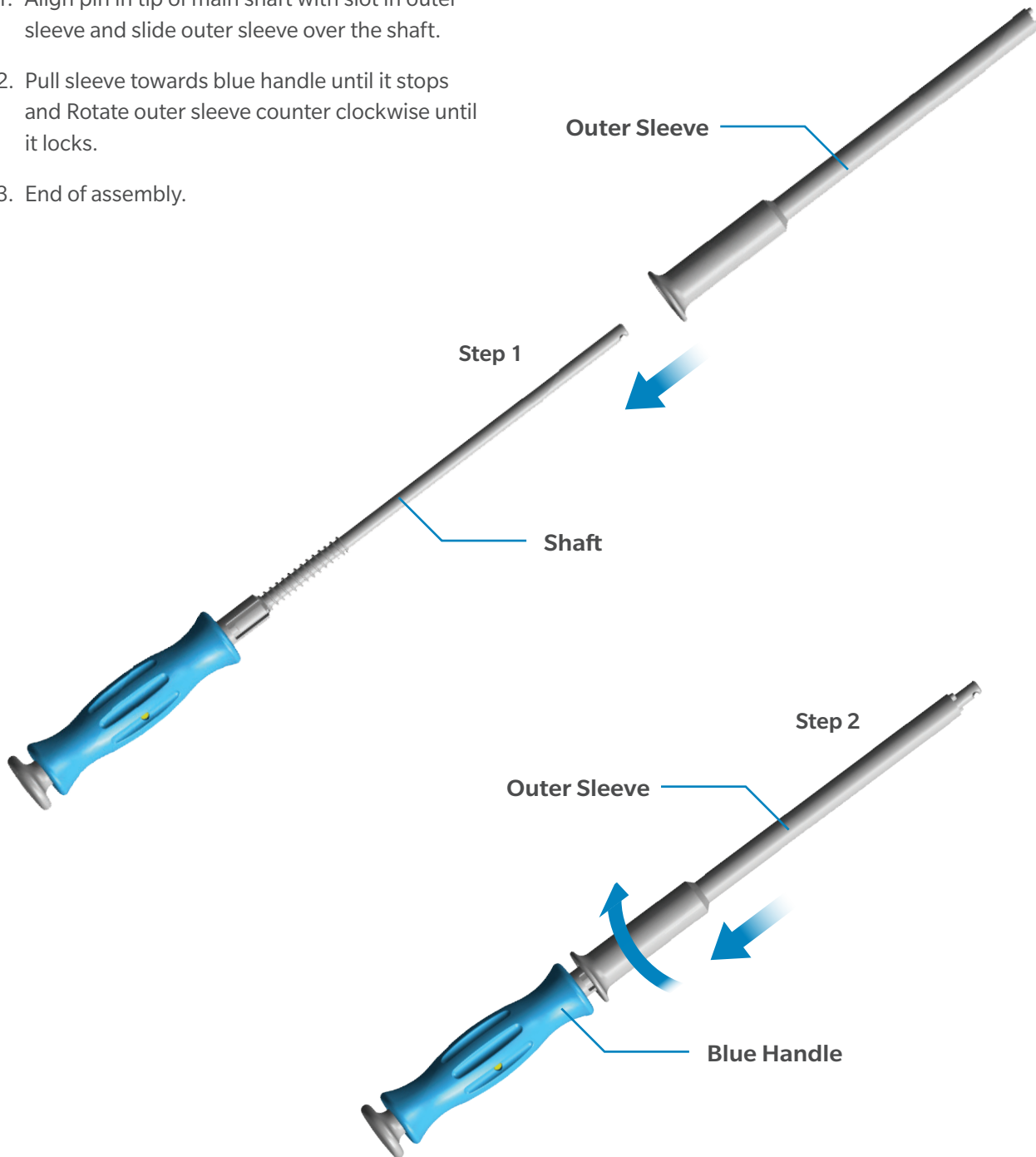
GENERAL INSTRUMENTATION

Straight Universal Handle

Part Number: 00-8790-010-00

Assembly Instructions

1. Align pin in tip of main shaft with slot in outer sleeve and slide outer sleeve over the shaft.
2. Pull sleeve towards blue handle until it stops and Rotate outer sleeve counter clockwise until it locks.
3. End of assembly.



GENERAL INSTRUMENTATION

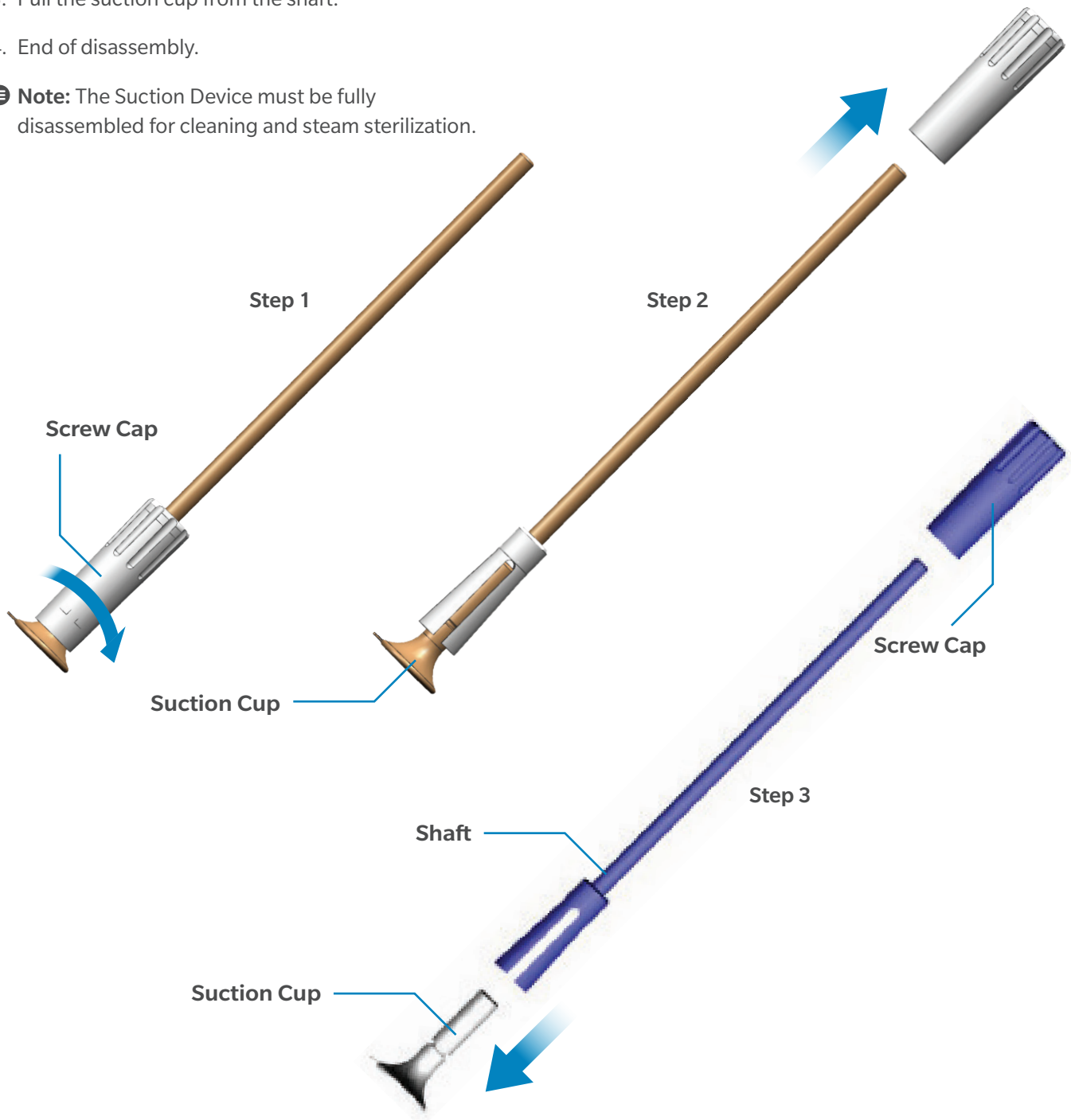
Suction Device

Part Number: 01.04239.850

Disassembly Instructions

1. Unscrew the screw cap.
2. Slide screw cap off of the shaft.
3. Pull the suction cup from the shaft.
4. End of disassembly.

ⓘ **Note:** The Suction Device must be fully disassembled for cleaning and steam sterilization.



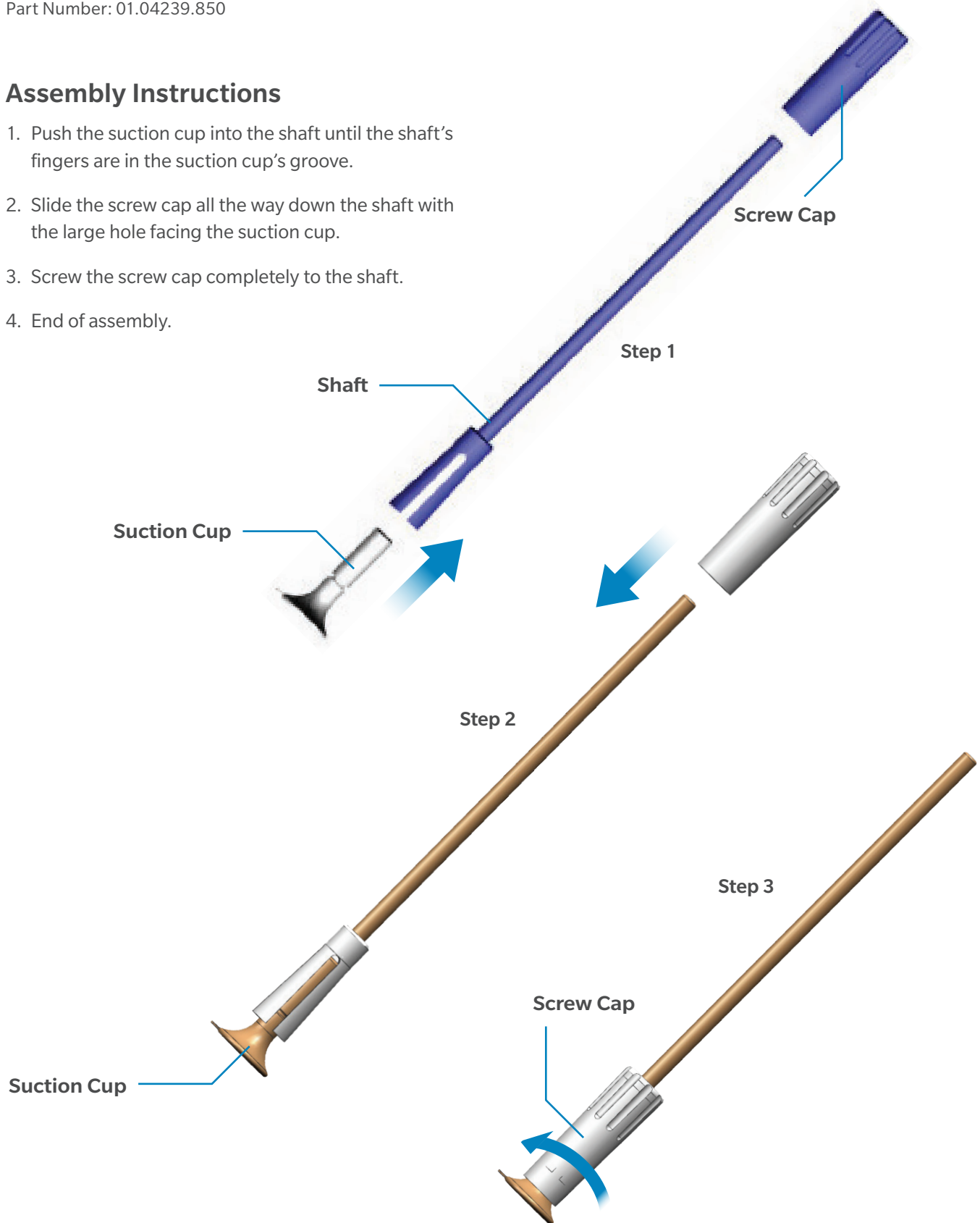
GENERAL INSTRUMENTATION

Suction Device

Part Number: 01.04239.850

Assembly Instructions

1. Push the suction cup into the shaft until the shaft's fingers are in the suction cup's groove.
2. Slide the screw cap all the way down the shaft with the large hole facing the suction cup.
3. Screw the screw cap completely to the shaft.
4. End of assembly.



GENERAL INSTRUMENTATION

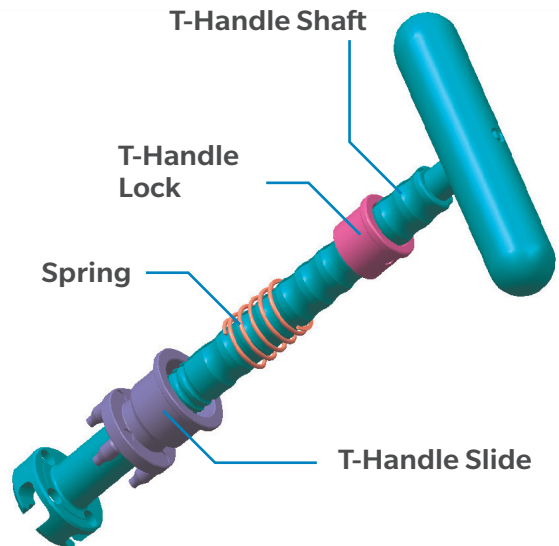
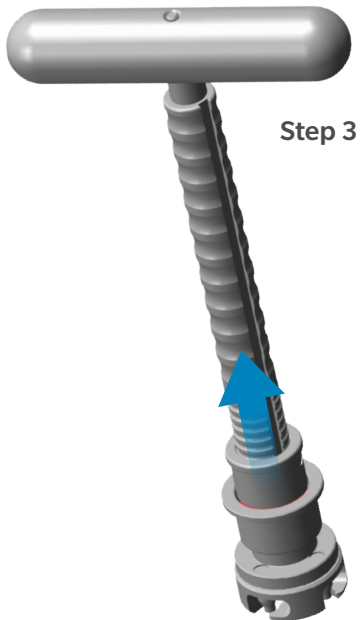
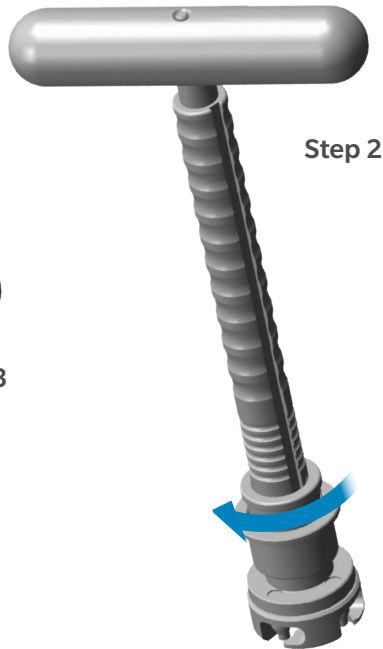
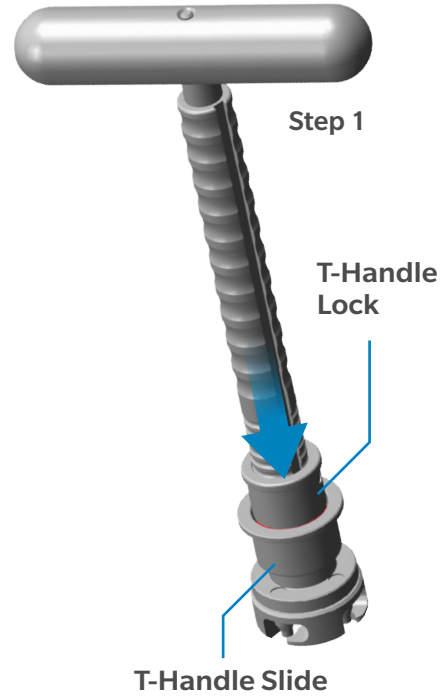
T-Handle

Part Number: 00-8401-002-00

Disassembly Instructions

1. Push t-handle lock towards t-handle slide.
2. While pressed, turn the t-handle lock clockwise and release.
3. Slide the spring and the t-handle slide up the t-handle shaft to disengage the four pegs from the four holes.
4. End of disassembly.

Note: The T-Handle must be fully disassembled for cleaning and steam sterilization.



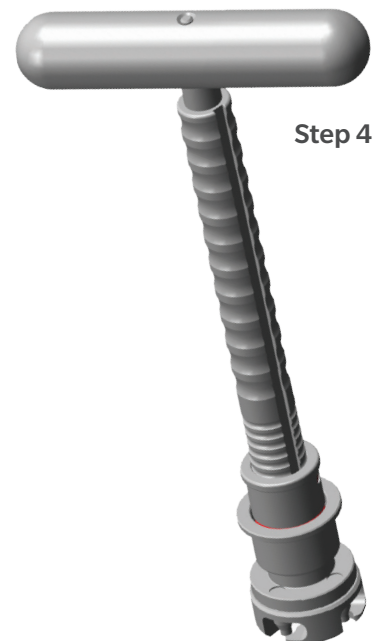
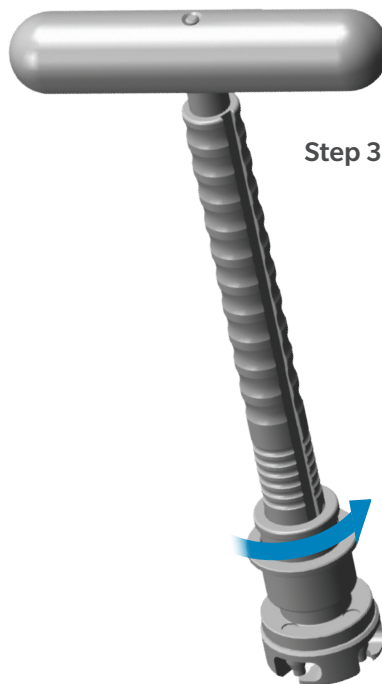
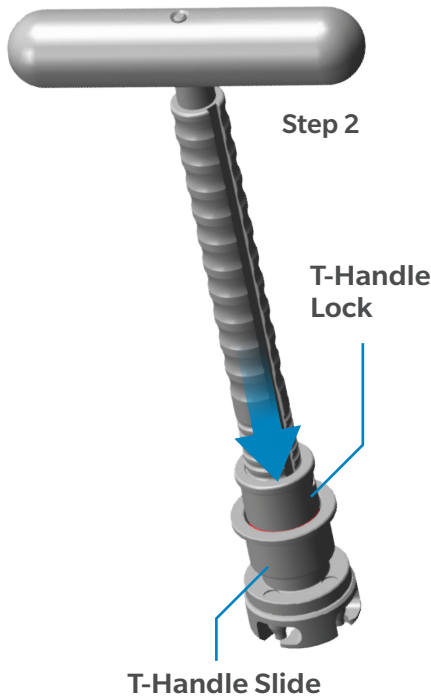
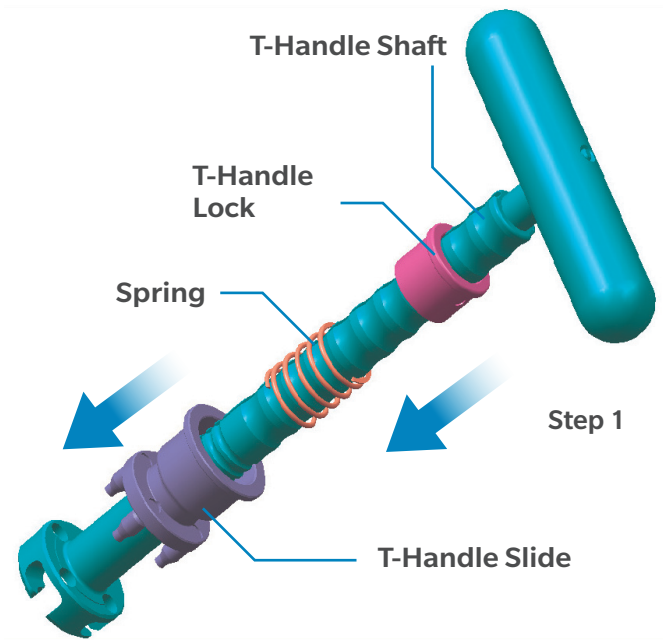
GENERAL INSTRUMENTATION

T-Handle

Part Number: 00-8401-002-00

Assembly Instructions

1. Move the t-handle slide, spring, and t-handle lock down the shaft and push the four pins of the into the four holes of the t-handle shaft.
2. Push the t-handle lock towards the t-handle slide, compressing the spring.
3. While pressed, turn the t-handle lock counter clockwise and release.
4. End of assembly.



CUTTING AND DRILLING INSTRUMENTS

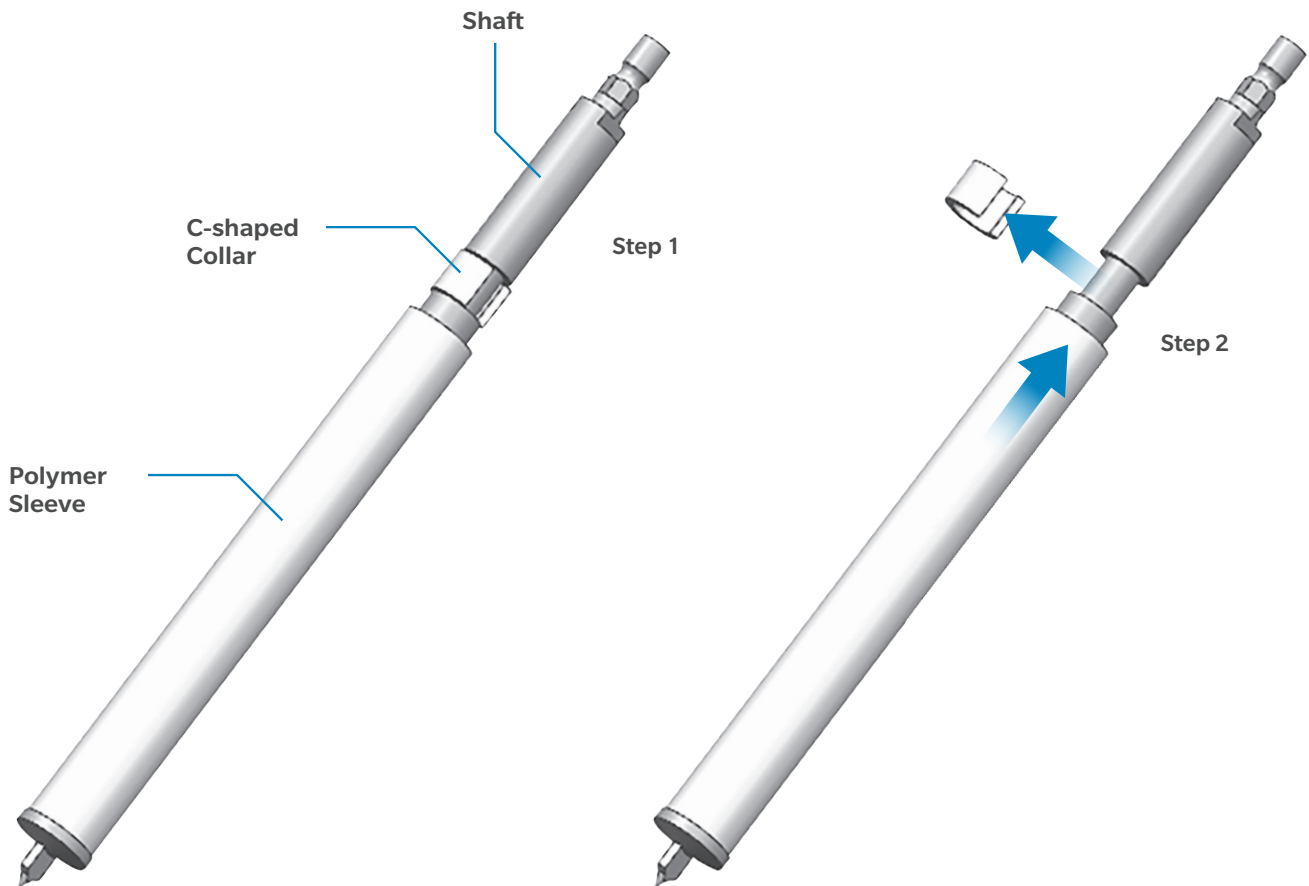
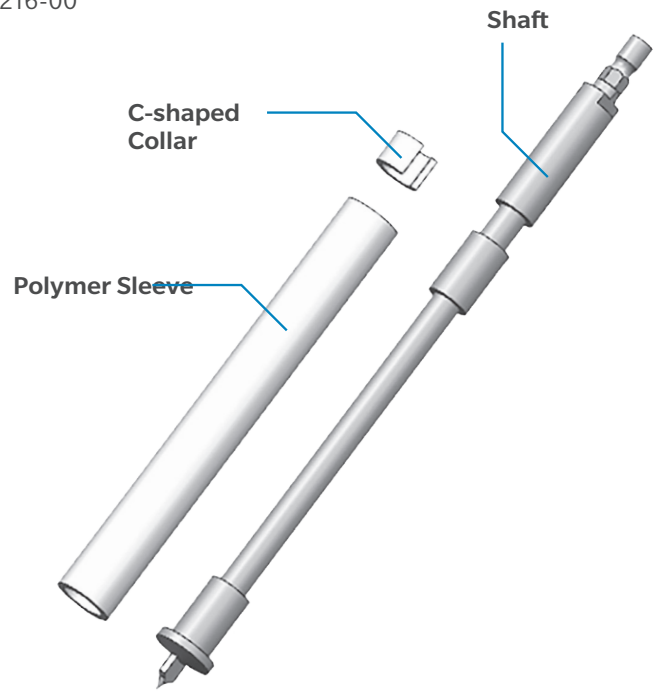
Acetabular Drills

Part Numbers: 00-8000-214-00, 00-8000-215-00, 00-8000-216-00

Disassembly Instructions

1. Remove polymer C-shaped collar from drill shaft.
2. Remove polymer sleeve from drill shaft.
3. End of disassembly.

Note: The Acetabular Drill must be fully disassembled for cleaning and steam sterilization.



CUTTING AND DRILLING INSTRUMENTS

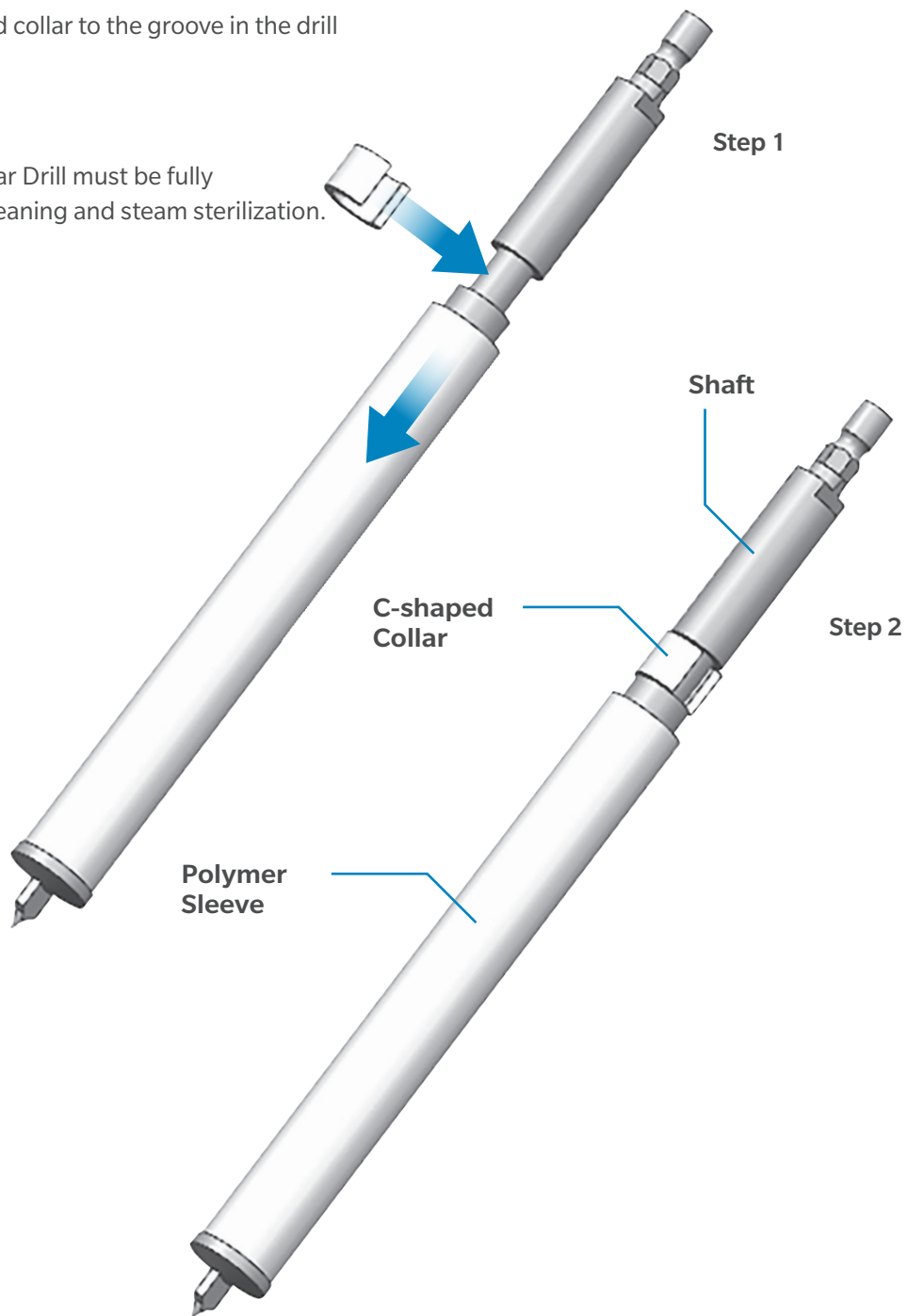
Acetabular Drills

Part Numbers: 00-8000-214-00, 00-8000-215-00, 00-8000-216-00

Assembly Instructions

1. Slide polymer sleeve over drill shaft.
2. Attach the C-shaped collar to the groove in the drill shaft.
3. End of disassembly.

⊖ **Note:** The Acetabular Drill must be fully disassembled for cleaning and steam sterilization.



CUTTING AND DRILLING INSTRUMENTS

Anterior Hip Calcar Trimmers

See Index for list of applicable part numbers

Disassembly Instructions

1. Unscrew the calcar trimmer head from the calcar trimmer shaft.
2. End of disassembly.



Shafts

Heads

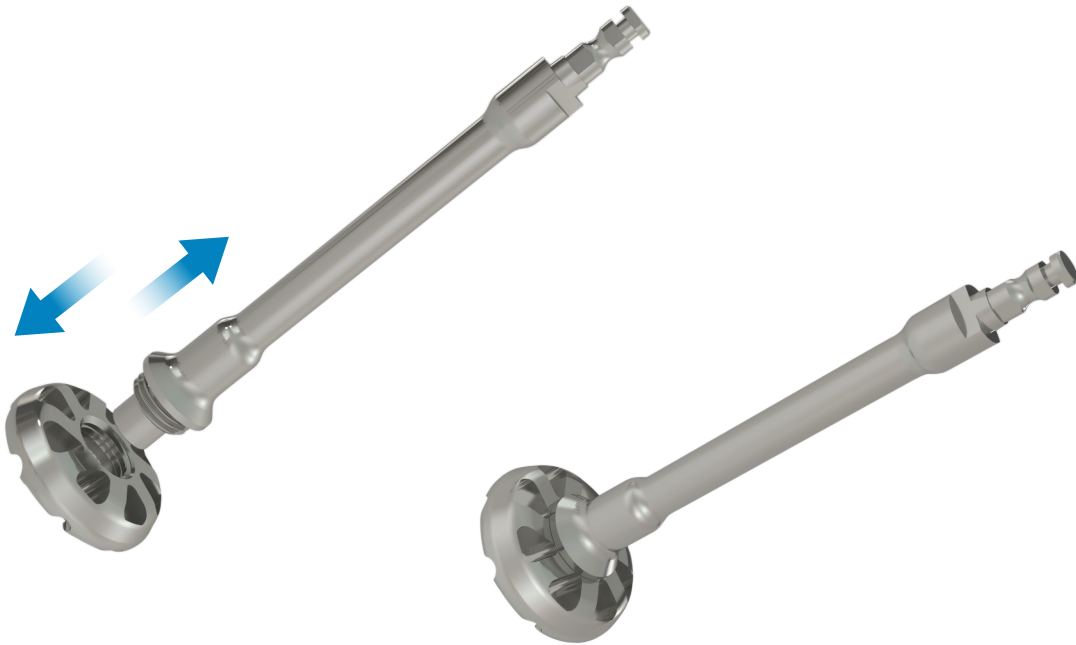
CUTTING AND DRILLING INSTRUMENTS

Anterior Hip Calcar Trimmers

See Index for list of applicable part numbers

Assembly Instructions

1. Screw the cone back into the clamp.
2. End of assembly.



CUTTING AND DRILLING INSTRUMENTS

Bone Chisels

See Index for list of applicable part numbers

Assembly Instructions

Disassembly instructions in reverse order

Parts to be assembled (see Figure 1):

1. Handle for Chisel (01.00533.061)
2. Asymmetric flexible bone chisels (01.00533.021, 01.00533.031, 01.00533.041, 01.00533.022, 01.00533.032, 01.00533.042, 01.00533.023, 01.00533.033, 01.00533.043)
3. Locking screw

Instructions

1. Insert the bone chisel (2) inside the handle (1) and make sure that the hole on the chisel is aligned on the pin of the handle as shown on Figure 2.
2. Tighten the locking screw (3) of the handle (1) to fasten the chisel (2) with a hex screwdriver or socket wrench (79.15.84) as shown on Figure 3.
3. The final assembled instrument is shown on Figure 4.

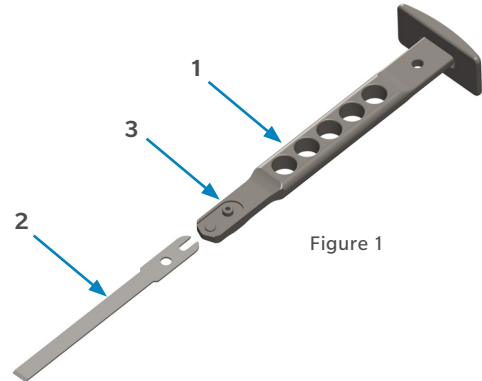


Figure 1

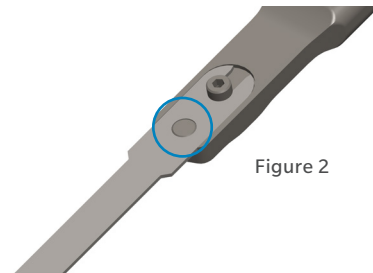


Figure 2

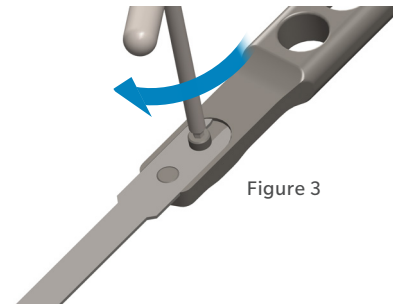


Figure 3

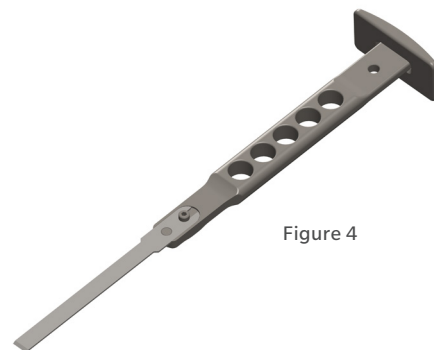


Figure 4

CUTTING AND DRILLING INSTRUMENTS

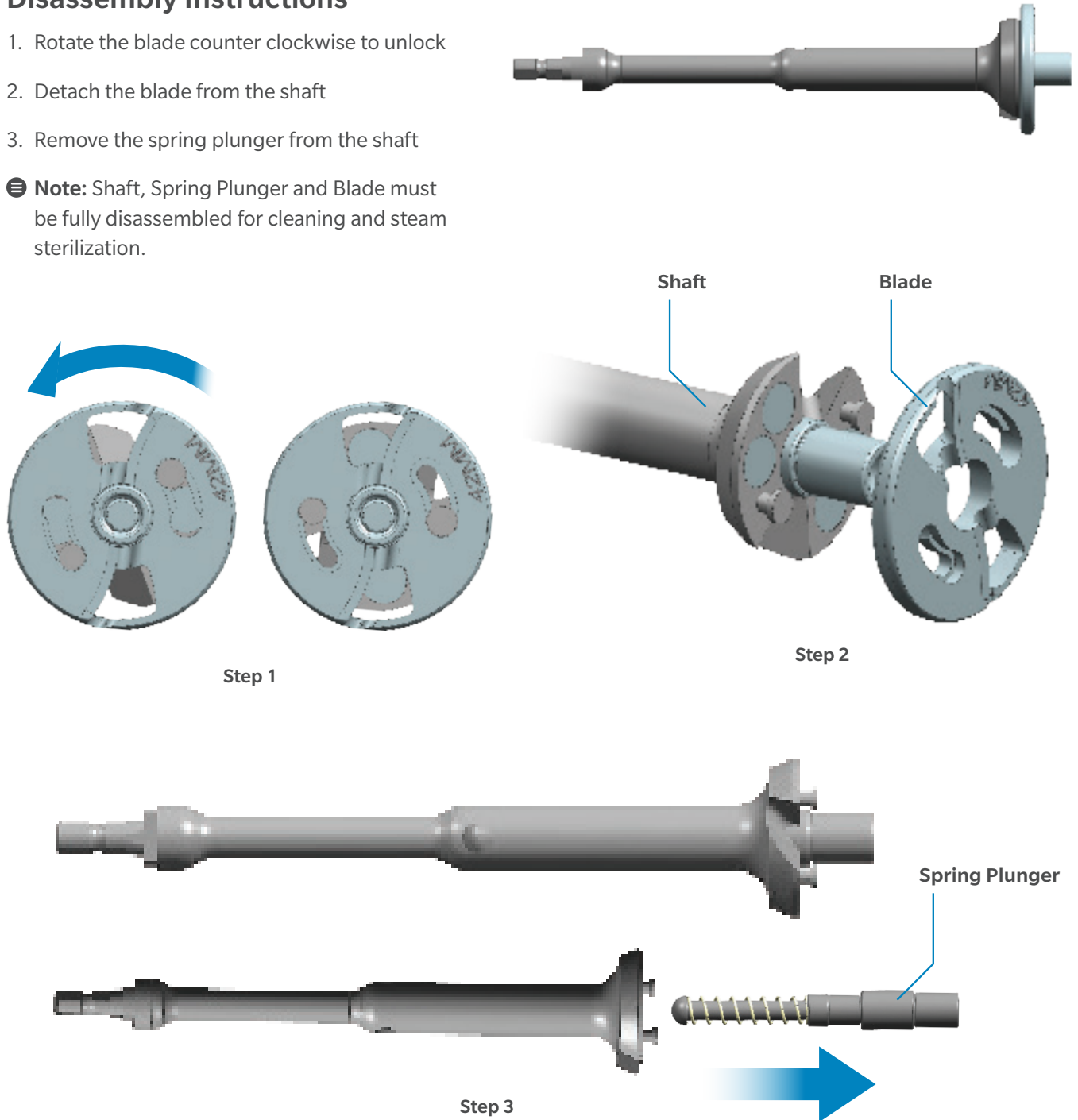
Calcar Planers

See Index for list of applicable part numbers

Disassembly Instructions

1. Rotate the blade counter clockwise to unlock
2. Detach the blade from the shaft
3. Remove the spring plunger from the shaft

Note: Shaft, Spring Plunger and Blade must be fully disassembled for cleaning and steam sterilization.



CUTTING AND DRILLING INSTRUMENTS

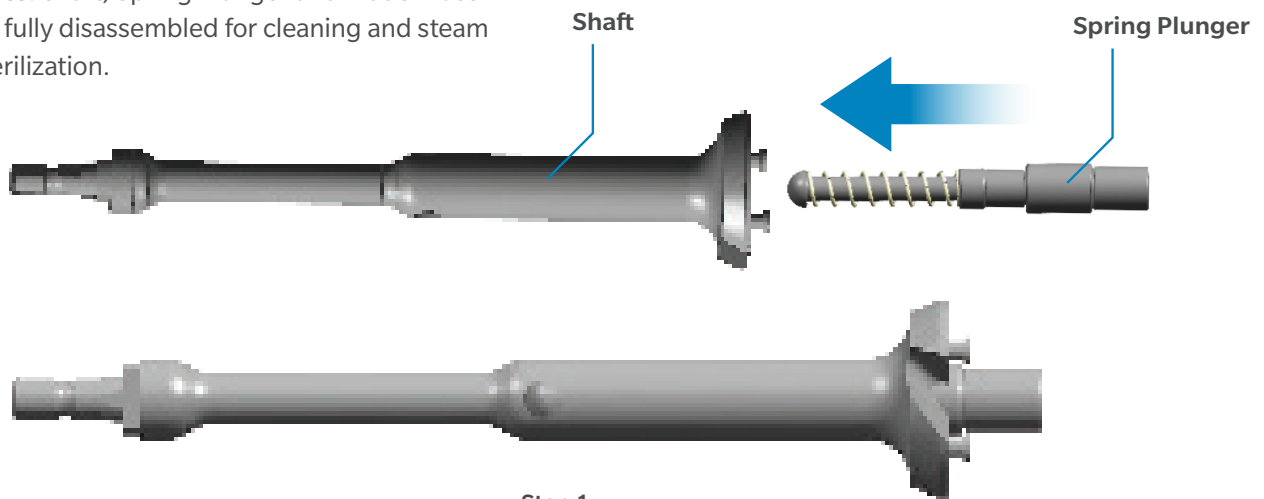
Calcar Planers

See Index for list of applicable part numbers

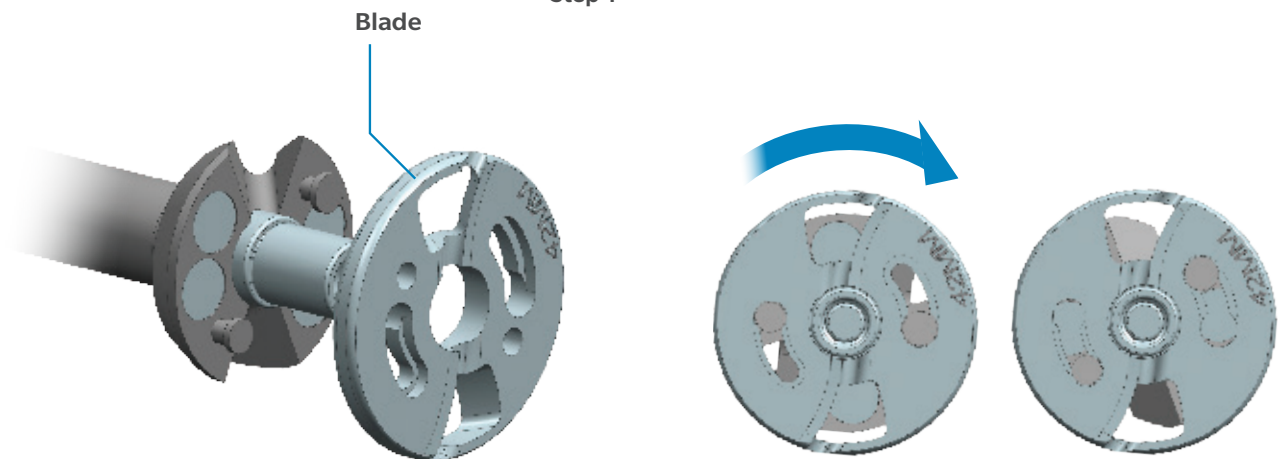
Assembly Instructions

1. Connect the spring plunger to the shaft
2. Assemble the blade onto the shaft. Align the small pegs of the shaft with the small slotted key hole of the blade.
3. Rotate the blade clockwise to lock

⊖ **Note:** Shaft, Spring Plunger and Blade must be fully disassembled for cleaning and steam sterilization.



Step 1



Step 2

Step 3



CUTTING AND DRILLING INSTRUMENTS

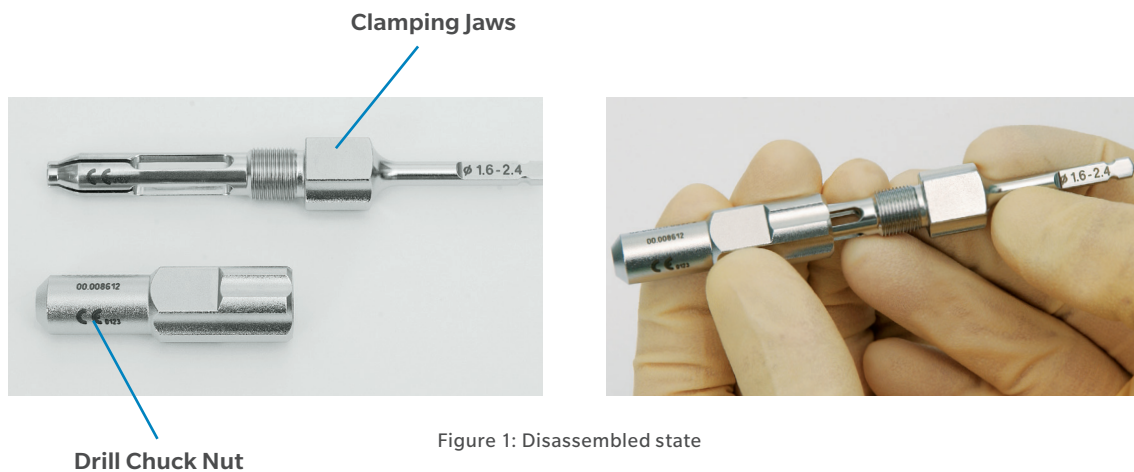
Drill Chucks

Part Number: 02.00020.052

Disassembly Instructions

Assembly instructions in reverse order

1. The drill chuck should be disassembled for cleaning.
2. Separate the drill chuck nut from the clamping jaws by fully unscrewing and disengaging as shown in the disassembled state (Figure 1).
3. End of disassembly.



CUTTING AND DRILLING INSTRUMENTS

Dynesys® Spacer Cutter

Part Number: 01.03799.020

Disassembly Instructions

Assembly instructions in reverse order

1. Drive out the Lever (1),
2. Drive out the blade fixing screw (2)
3. Remove the blade (3).

Further disassembly of the instrument is not necessary and it may be performed only by the manufacturer during servicing.

4. End disassembly

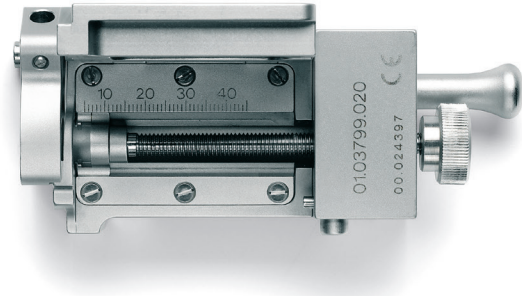


Figure 1: Assembled state

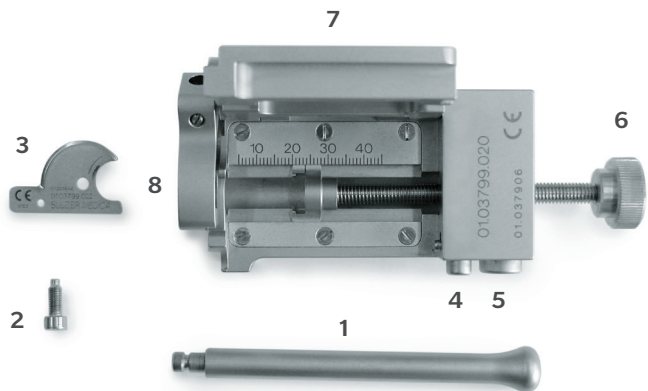
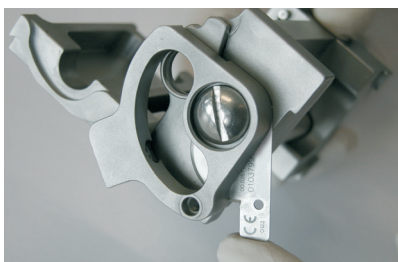


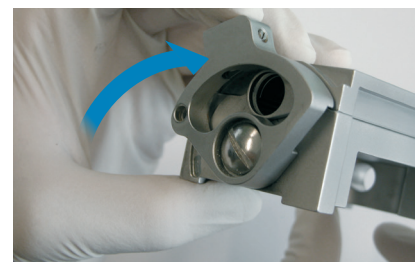
Figure 2: Disassembled state



Step 1



Step 2



Step 3

CUTTING AND DRILLING INSTRUMENTS

Dynesys® Spacer Cutter

Part Number: 01.03799.020

Assembly Instructions

Instrument care

Following processing, the instrument should be assembled and its functions tested. Defective or damaged instruments must be exchanged by returning them to the manufacturer for proper disposal.

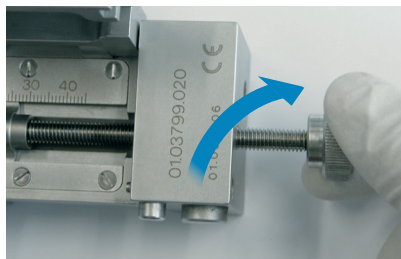
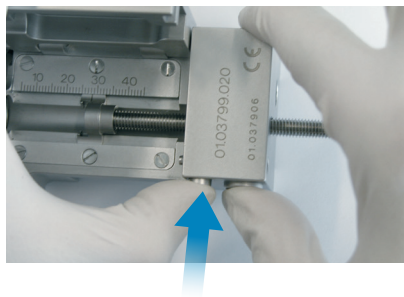
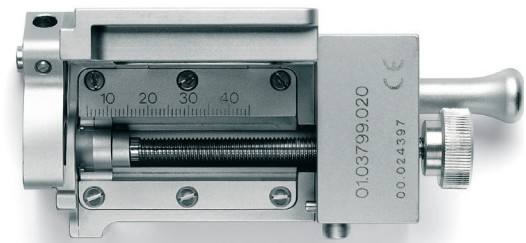
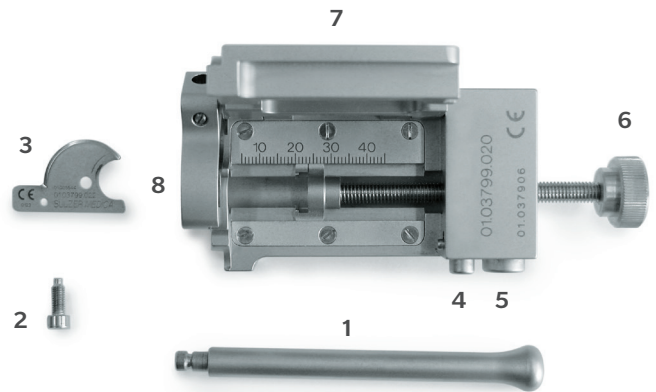
While repeatedly moving the quick adjustment (5) and the lid stop device (4), thoroughly rinse the hollow areas located behind them.

The moveable parts and joints should be treated and lubricated with instrument conditioning agents, in case this was not part of the mechanical cleaning process.

Thoroughly rinse the entire length of the threaded rod (1) and rotate it in and out several times.

Finally, thoroughly rinse all slots and hollow areas of the instrument.

Further disassembly of the instrument is not necessary and it may be performed only by the manufacturer during servicing.



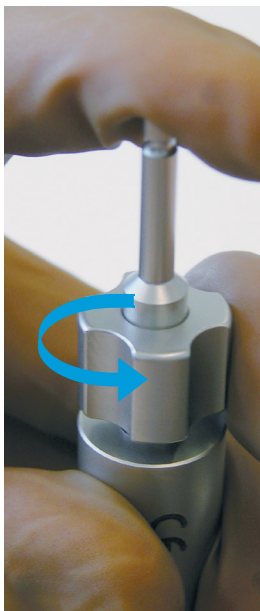
CUTTING AND DRILLING INSTRUMENTS

Patella Drill

Part Number: 01.03001.627

Disassembly Instructions

1. Place patella drill on an even surface. Hold the inscribed collar and press down completely.
2. Hold the spindle with one finger. Slightly lift the locknut lying on the collar (ca. 2 mm) and turn counterclockwise 90° until it reaches its end position.
3. Release/unload
Pull the locknut and collar upwards over the drill. Slide the base upwards over the drill. The patella drill is now disassembled into four parts.



Part Number: 01.03001.627

CUTTING AND DRILLING INSTRUMENTS

Patella Drill

Part Number: 01.03001.627

Assembly Instructions

1. Slide the drill into the base. Place the combined part on an even surface. Push the larger opening of the collar down over the drill. Turn the collar until it locks into the guide slot of the base.
2. Slide the locknut over the drill. Press the collar down and hold the drill with one finger. Turn the locknut until it drops into the guide slot. Turn the locknut clockwise 90° until it reaches its end position. Release the collar.



CUTTING AND DRILLING INSTRUMENTS

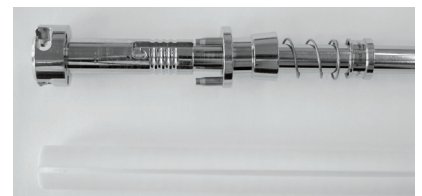
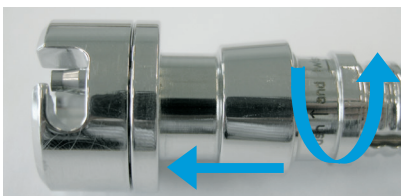
Reamer and Reamer Handles

See Index for list of applicable part numbers

Disassembly Instructions

Assembly instructions in reverse order

1. Remove white protective sleeve – Push sleeve upward and turn to the right. Also see the English instructions on the sleeve.
2. The coupling can be pulled apart. Further disassembly of the instrument is not necessary, and it may be performed only by the manufacturer during servicing.
3. Clean reamer shaft in the open state, separated from the white protective sleeve. For sterilization, everything can be put back into its original position.



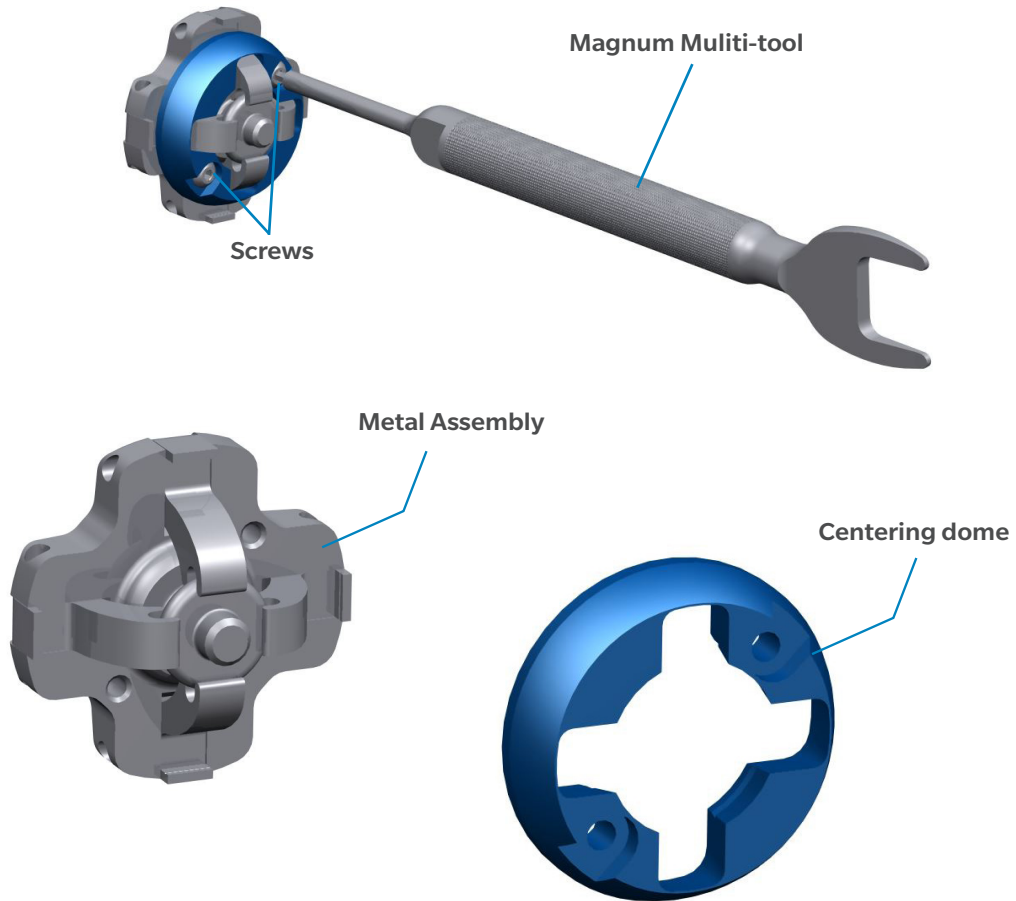
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Acetabular Impactors

See Index for list of applicable part numbers

Disassembly Instructions

1. Use the hex end of the Magnum Multi-tool to unscrew and remove the 2 screws from the impactor plate.
2. Separate the blue plastic centering dome from the metal assembly.
3. End of disassembly.



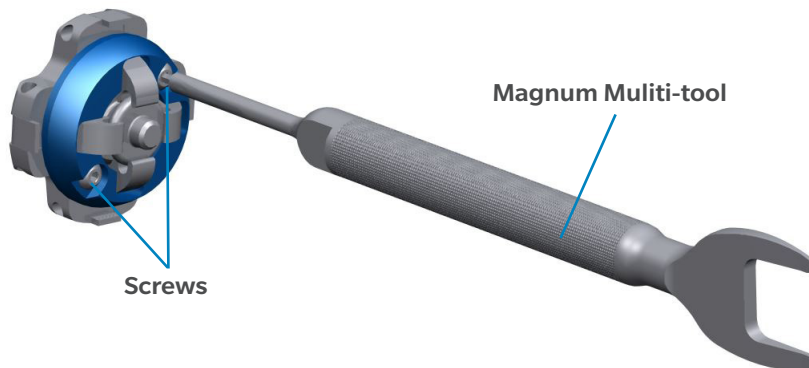
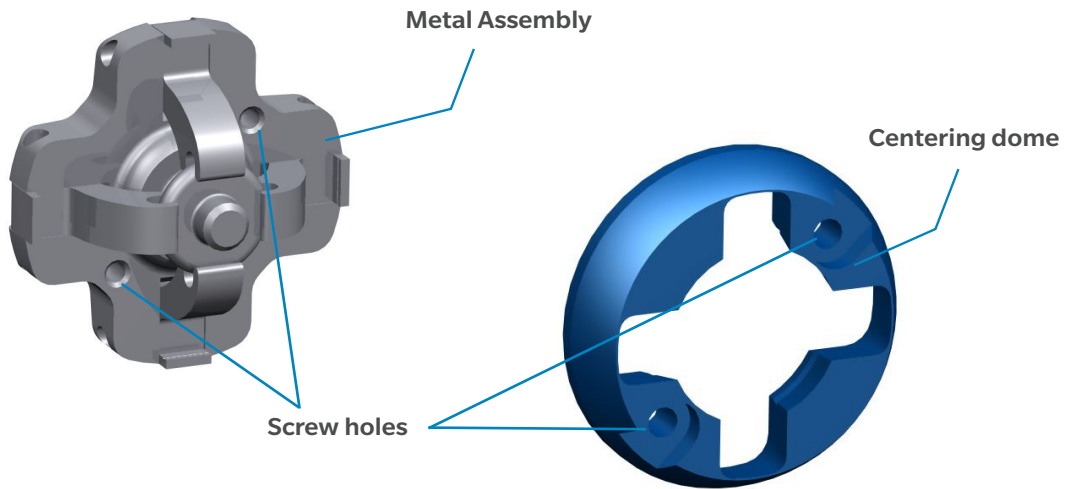
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Acetabular Impactors

See Index for list of applicable part numbers

Assembly Instructions

1. Align the blue plastic centering dome with the metal assembly making sure the screw holes align between the 2 parts.
2. Use the hex end of the Magnum Multi-tool to screw the 2 screws into the impactor plate.
3. End of Assembly.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Cup Impactors

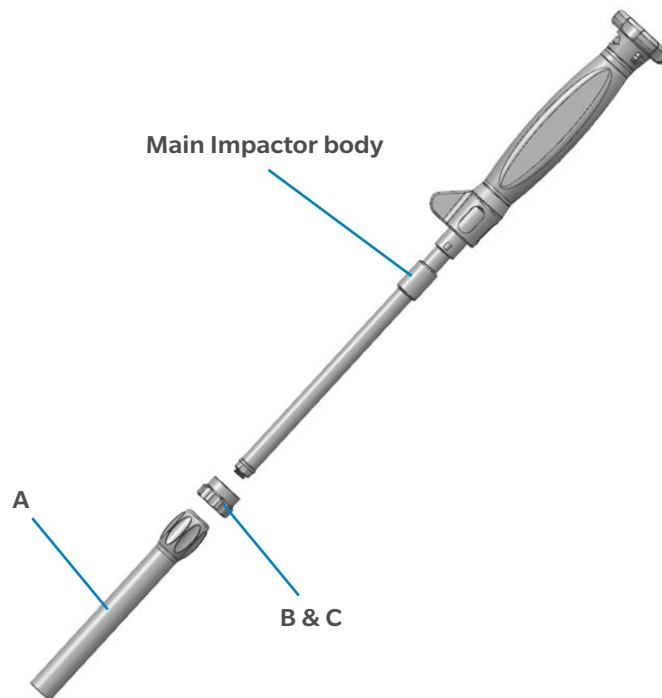
Part Number: 31-601587

Assemble

There are two removable components on the Exceed ABT Spring Loaded Shell Impactor, Locking Sleeve (A) and Version Guide Locking Cap (B) (inc. Compression Spring (C), not shown)

Disassembly Instructions

A: Locking Sleeve is disassembled by unscrewing from the main body of the Impactor B & C: Version Guide Locking Cap and Compression Spring is retained on a bayonet fixture and is removed by rotating the Cap a quarter turn whilst pulling away from the main body of the Impactor.



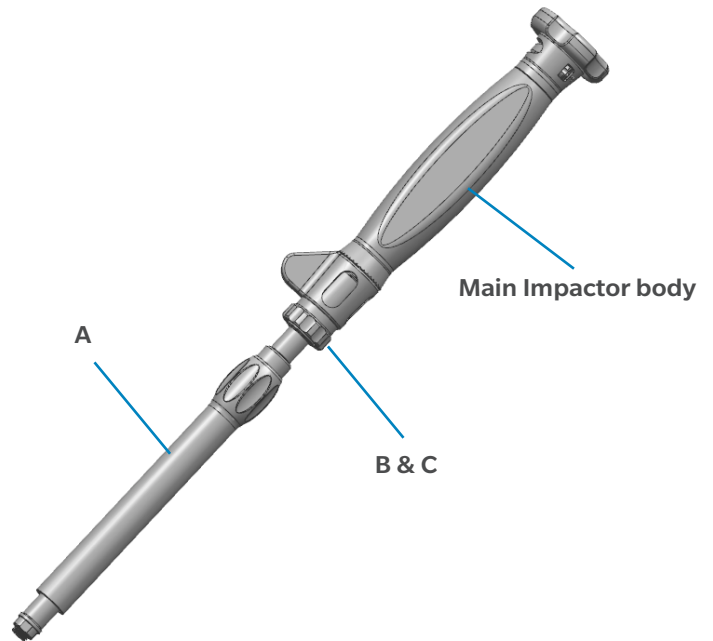
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Cup Impactors

Part Number: 31-601587

To assemble the device:

1. Place the Compression Spring (C) inside the Version Guide Locking Cap (B)
2. Slide (B) & (C) along the shaft of the Main Impactor Body, allowing the Locking Cap to pass over the bayonet fixture, until resistance is felt
3. Lock (B) & (C) in place by rotating by a quarter turn
4. Slide Locking Sleeve (A) over the Main Impactor Body and screw (A) to the Main Impactor Body



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

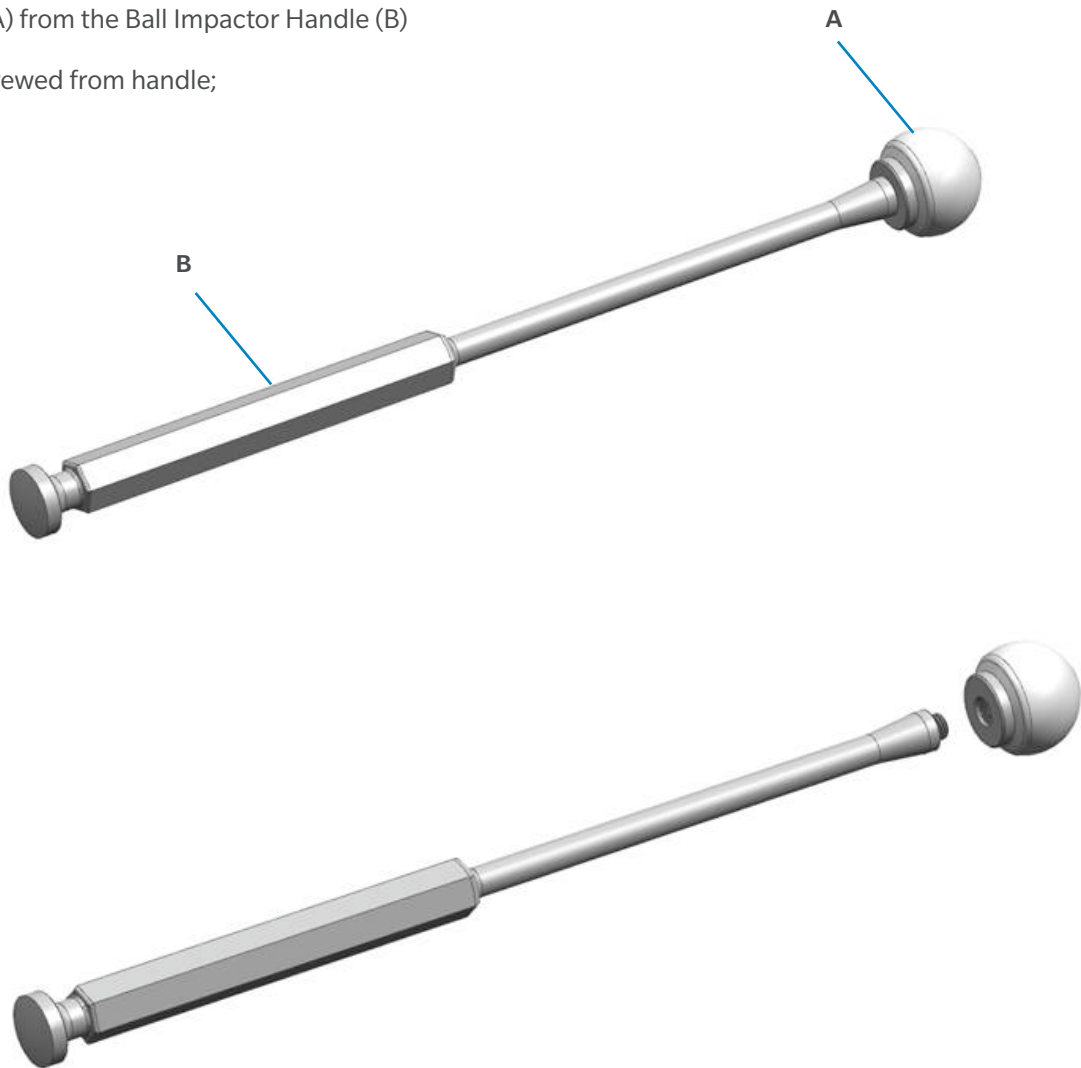
Cup Impactors

Part Number: 31-600590, 31-600591, 31-600592, 31-600593

Assemble Instructions

The device is assembled and disassembled by either screwing or unscrewing the Ball Impactor (A) from the Ball Impactor Handle (B)

Head unscrewed from handle;



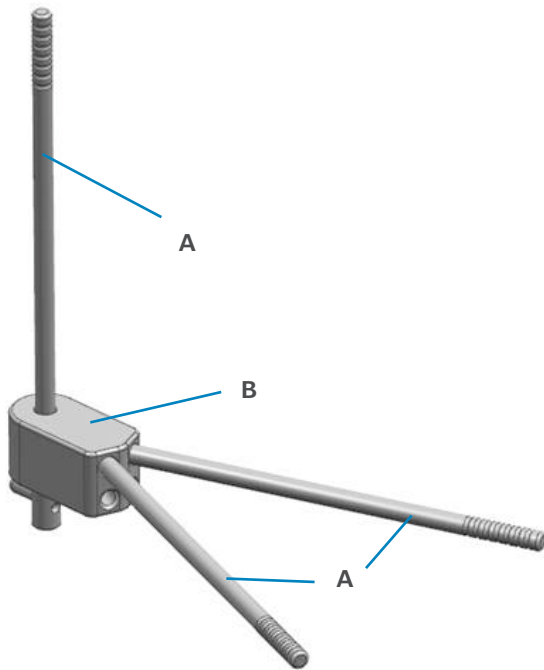
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Cup Impactors

Part Number: 31-601081

Version Guide Assembly/ Disassembly

The device is assembled and disassembled by either screwing or unscrewing the Version Guide Rods (A) from the Version Guide Body (B)



Assembled Rods unscrewed

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

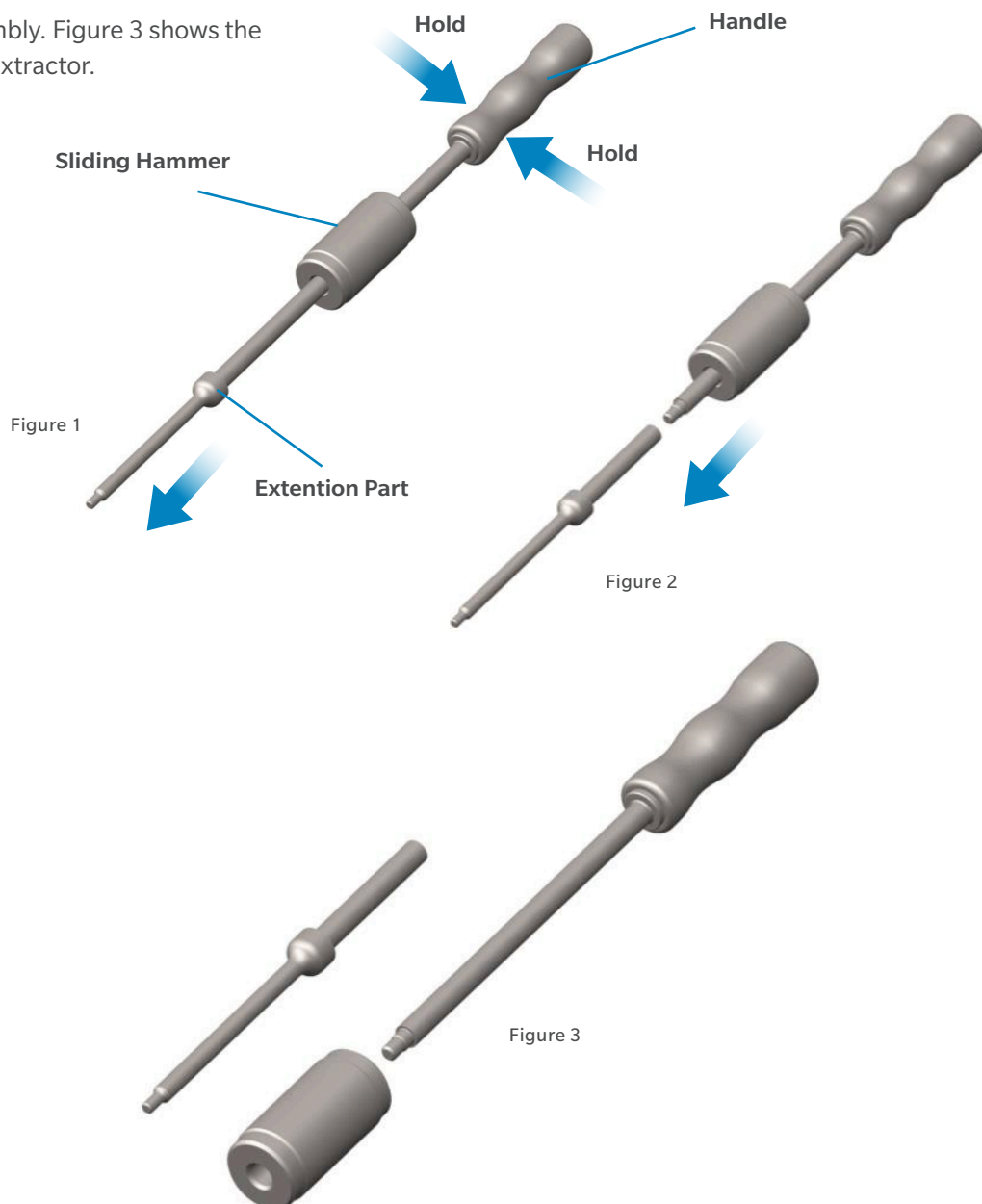
Extractor with Sliding Hammer

Part Number: 01.06808.300

Disassembly Instructions

Assembly instructions in reverse order

1. Hold the Handle with one hand and unscrew the Extension part (Figure 1).
2. Pull down the Sliding Hammer from the Handle (Figure 2).
3. End of disassembly. Figure 3 shows the disassembled Extractor.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Adapter Extractor

Part Numbers: 01.00009.101

Disassembly Instructions

Assembly instructions in reverse order

1. To disassemble for cleaning, rotate the t-handle counter-clockwise until the t-handle and base have fully disengaged (as shown in Figure 1 and Figure 2).

ⓘ **Note:** During the cleaning process particular attention must be given to sensitive features (see red arrow in Figure 2).

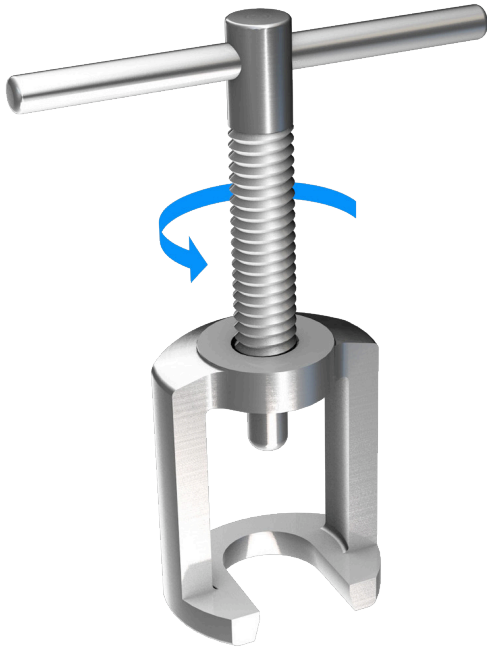


Figure 1



Figure 2

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

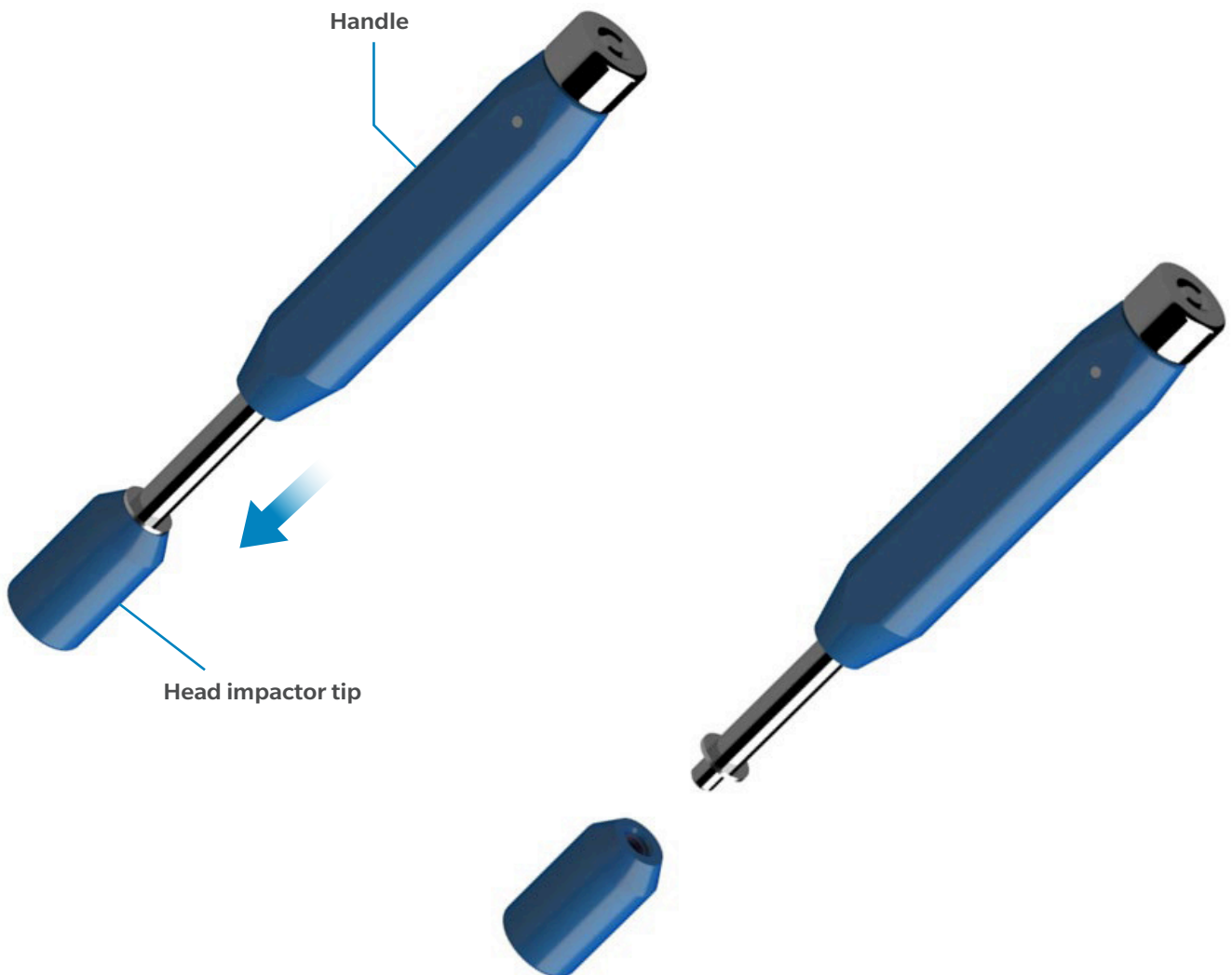
Head Impactors

Part Number: A0107001

Disassembly Instructions

1. Unscrew the head impactor tip from the handle.
2. End of disassembly.

ⓘ **Note:** The Exception Head Impactor must be fully disassembled for cleaning and steam sterilization.



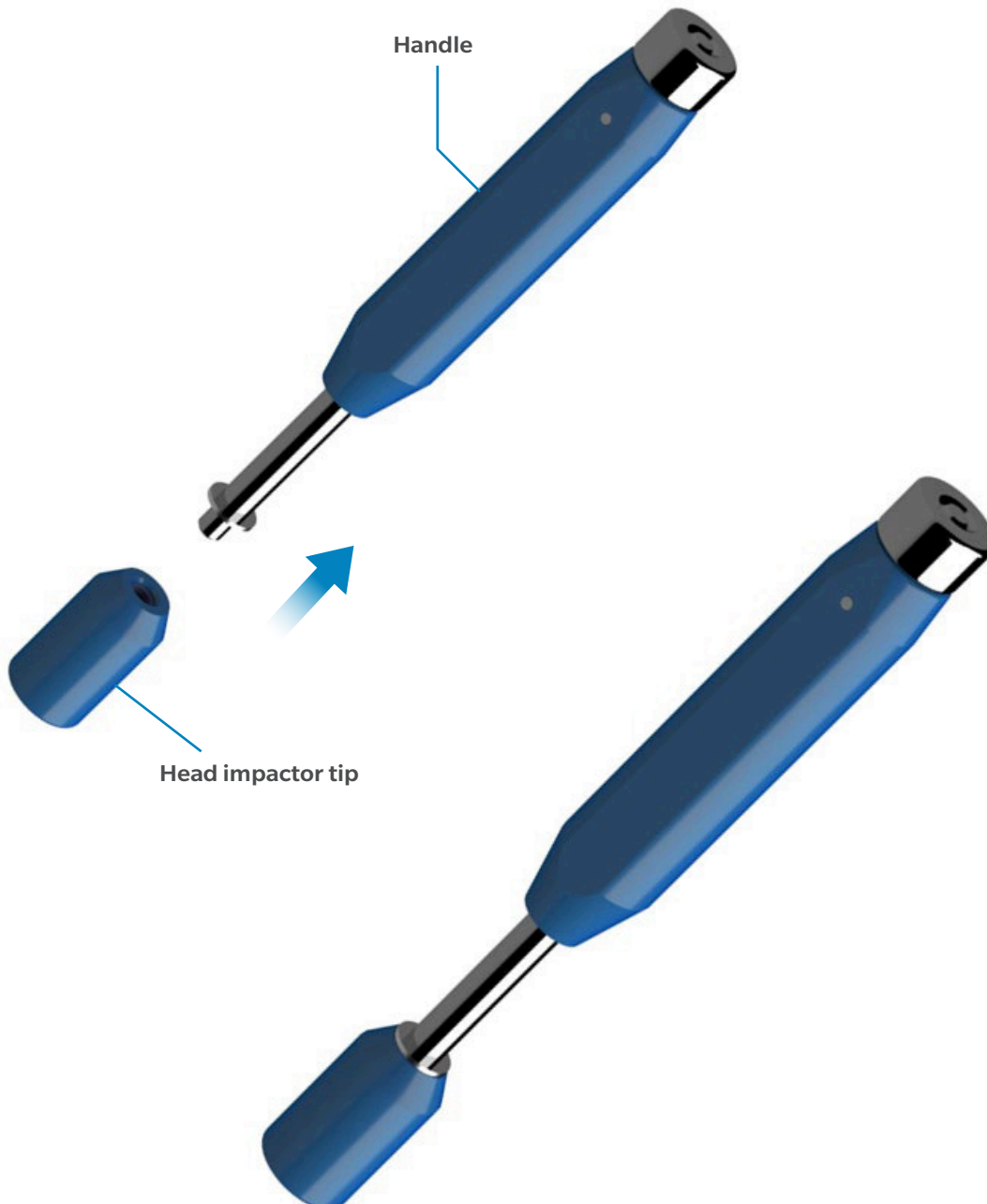
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Head Impactors

Part Number: A0107001

Assembly Instructions

1. Screw head impactor tip on the handle.
2. End of assembly.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Humeral Cup Impactor

Part Number: 01.04239.320

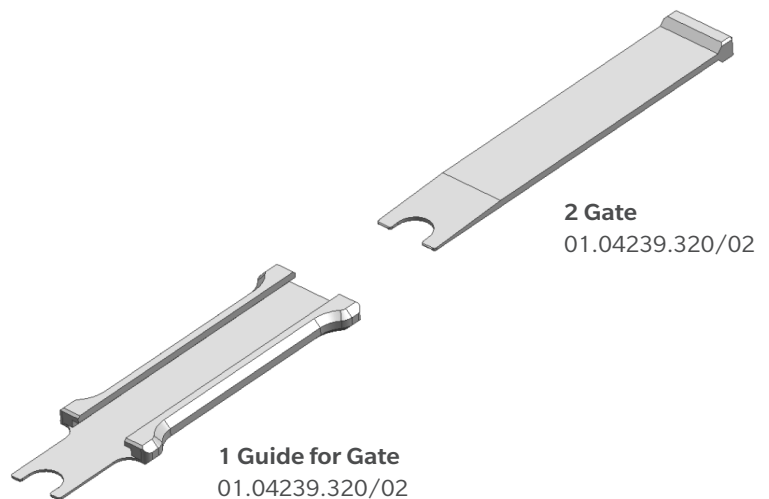
Disassembly Instruction

1. Move out the Gate 2 from the Guide for Gate 1
2. End of disassembly

ⓘ **Note:** The Extractor Instrument for Humeral Cup must be completely disassembled for cleaning and steam sterilization.

Assembly Instructions

1. Move the Gate 2 into the Guide for Gate 1
2. End of assembly.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Humeral Trial Extractor

Part Number: 72.01.00-02, 01.04236.115, 01.04236.120

Disassembly Instruction

for 72.01.00-02

1. Unscrew the Adaptor 3 from the Handle of Extractor for Humeral Trial Prosthesis 1 (counterclockwise)
2. Remove the Slide Hammer Weight Light 2
3. End of assembly

Assembly Instruction

for 72.01.00-02 with 01.04236.115 and 01.04235.120

1. Unscrew the Adaptor 3 from the Extension Rod 4 (counterclockwise)
2. Remove the Slide Hammer Weight Heavy 5
3. Unscrew the Extension Rod 4 from the Handle of Extractor for Humeral Trial Prosthesis 1 (counterclockwise)
4. End of disassembly



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Humeral Trial Extractor

Part Number: 72.01.00-02, 01.04236.115, 01.04236.120

Assembly Instruction

for 72.01.00-02

1. Put on the Slide Hammer Weight Light 2 onto the Handle of Extractor for Humeral Trial Prosthesis 1
2. Screw the Adapter 3 onto the end of the Handle of Extractor for Humeral Trial Prosthesis 1 (clockwise)
3. End of assembly

Assembly Instruction

for 72.01.00-02 with 01.04236.115 and 01.04235.120

1. Screw the Extension Rod 4 onto the end of the Handle of Extractor for Humeral Trial Prosthesis 1 (clockwise)
2. Put on the Slide Hammer Weight Heavy 5 onto the Handle of Extractor for Humeral Trial Prosthesis 1 with screwed Extension Rod
3. Screw the Adapter 3 onto the end of the Handle of Extractor for Humeral Trial Prosthesis 1 (clockwise)
4. End of assembly

Note: The Extractor for Humeral Trial Prosthesis must be completely disassembled for cleaning and steam sterilization.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Insertor/Extractor for Angled Blade Plates

Part Number: 110.23.050

Disassembly Instructions

1. Fully unthread the screw from the gripping jaws and separate the gripping jaws from the handle piece as shown in disassembled state (Figure 2).
2. End of disassembly.

Assembly Instructions

1. Push the gripping jaws together on the handle piece.
2. Screw together by threading bolt thru gripping jaws and into handle piece.



Figure 1: Assembled state

Gripping Jaw 1

Gripping Jaw 2

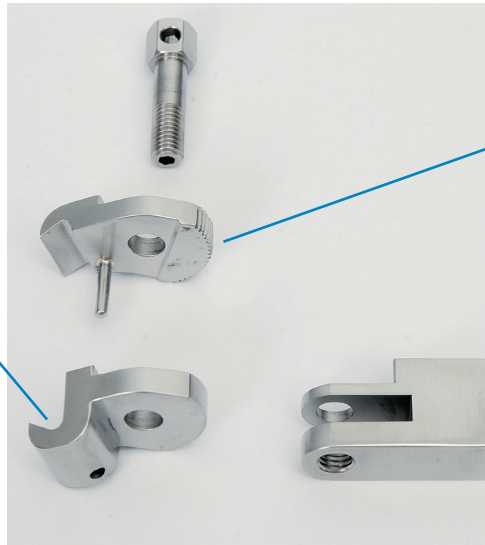


Figure 2: Disassembled state

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Kinectiv Hip Stem Extractor

Part Numbers: 01.00295.101

Disassembly Instructions

Assembly instructions in reverse order

1. To disassemble the Intraoperative Kinectiv Hip Stem Extractor, turn the handle counter-clockwise (as shown in Figure 1) until the whole unit is loosened and you can pull it apart (as shown in Figure 2).

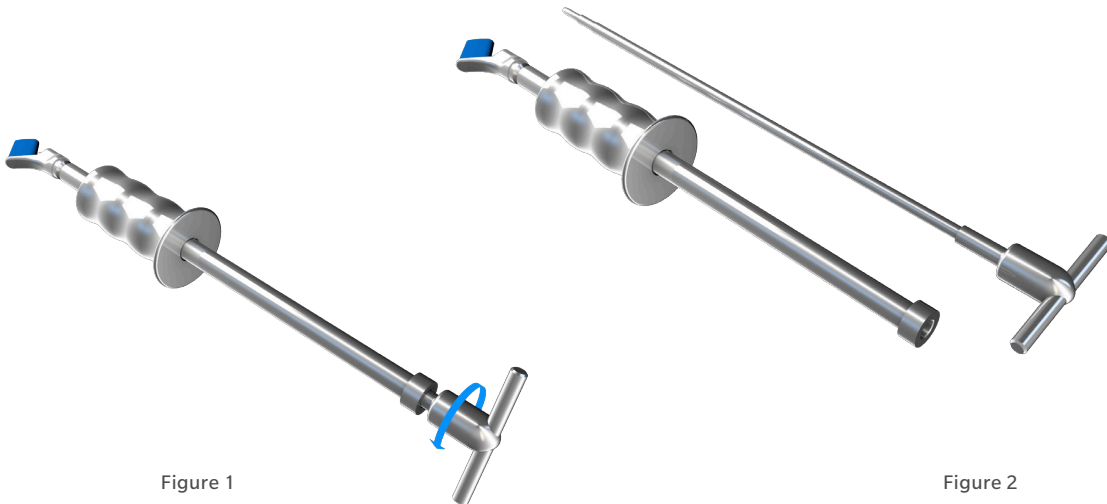


Figure 3



Figure 4

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Kinectiv Hip Stem Extractor

Part Numbers: 01.00295.101

ⓘ **Note:** As shown in Figures 5–6 it is necessary to clean the drill hole as well as the sensitive areas (red arrows)

2. Wash the instruments while it is dismantled.

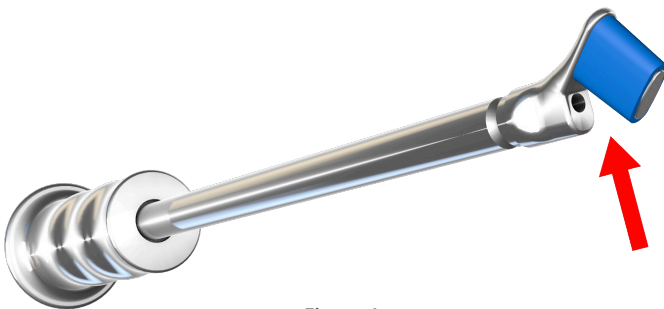


Figure 4

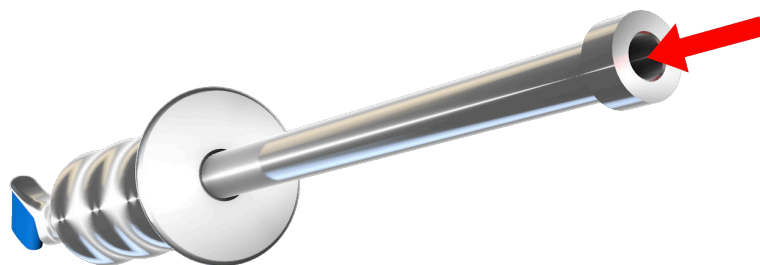


Figure 5

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Liner Inserters

See Index for list of applicable part numbers

Disassembly Instructions

1. Unthread the inserter sleeve by turning it clockwise until the threads are fully disengaged. Sleeve and washer should be loose on the shaft of the liner inserter.
2. Slide the rubber o-ring off of the head towards the black handle. O-ring should be loose on the shaft of the liner inserter.
3. End of disassembly.

Note: The Liner Inserter must be fully disassembled for cleaning and steam sterilization.



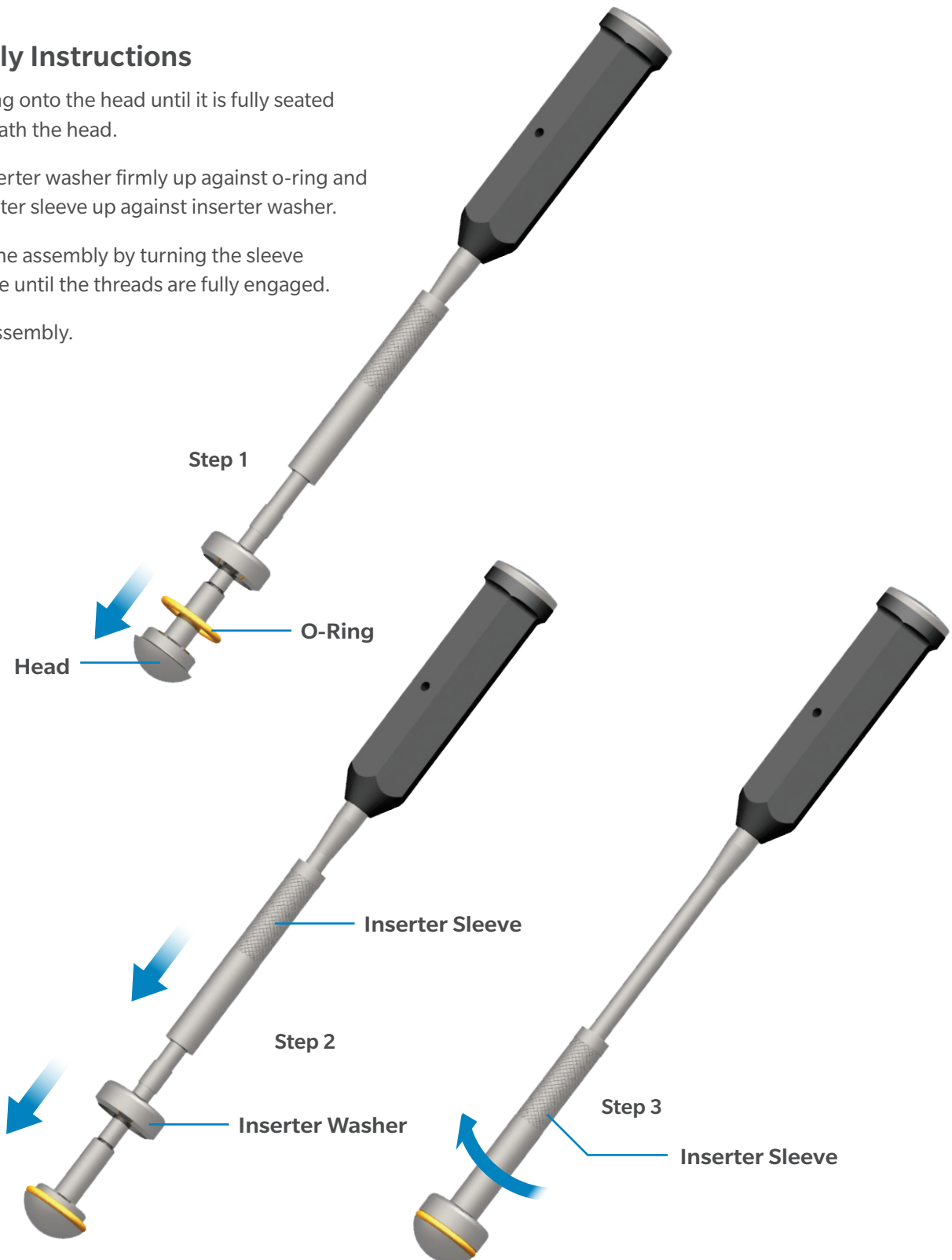
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Liner Inserters

See Index for list of applicable part numbers

Assembly Instructions

1. Pull o-ring onto the head until it is fully seated underneath the head.
2. Push inserter washer firmly up against o-ring and the inserter sleeve up against inserter washer.
3. Secure the assembly by turning the sleeve clockwise until the threads are fully engaged.
4. End of assembly.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Modular Femoral Stem Extractor

See Index for list of applicable part numbers

Assembly Instructions

Disassembly instructions in reverse order

Parts to be assembled (see Figure 1):

1. Knob
2. Striking weight
3. Articulation
4. Cannulated ram guide
5. Clamping chuck
6. Screw

1. Screw the knob (1) in the cannulated ram guide (4) and fasten it with the nut as shown on Figure 2.
2. Pull the striking weight (2) on the cannulated ram guide (4) as shown on Figure 3.
3. Assemble the cannulated ram guide (4) with the articulation (3) by screwing the ram guide inside threaded hole of articulation as shown on Figure 4.
4. Assemble the articulation (3) with the screw (6) and an appropriate size clamping chuck (5) by screwing it together using a handle with quick coupling (part number: 75.00.25) as shown on Figure 5.
5. The final assembled instrument is shown on Figure 6.

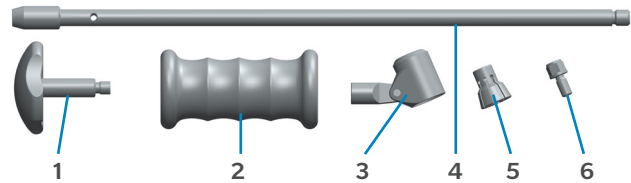


Figure 1

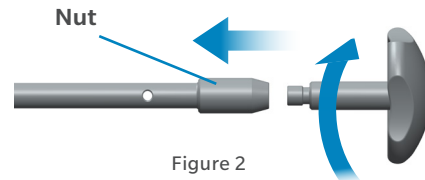


Figure 2

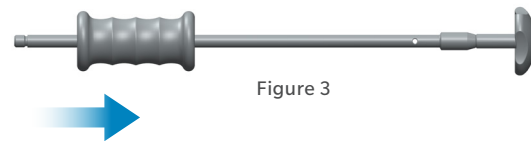


Figure 3

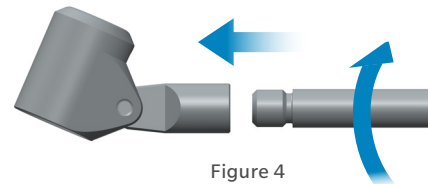


Figure 4

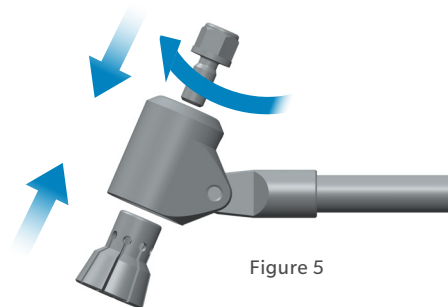


Figure 5

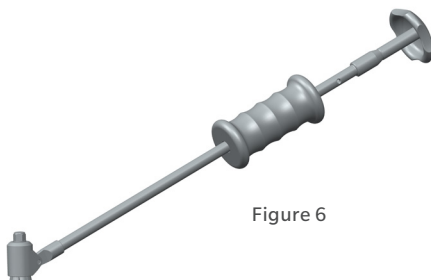


Figure 6

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Monoblock Femoral Stem Extractor

See Index for list of applicable part numbers

Assembly Instructions

Disassembly instructions in reverse order

Parts to be assembled (see Figure 1):

1. Knob
2. Striking weight
3. Tightening clamp for Monobloc Stem
4. Cannulated ram guide

1. Screw the knob (1) in the cannulated ram guide (4) and fasten it with the nut as shown on Figure 2.
2. Pull the striking weight (2) on the cannulated ram guide (4) as shown on Figure 3.
3. Assemble the cannulated ram guide (4) with the appropriate size tightening clamp (3) by screwing the ram guide inside one of the two threaded holes of the tightening clamp.
4. The final assembled instrument is shown on Figure 5.

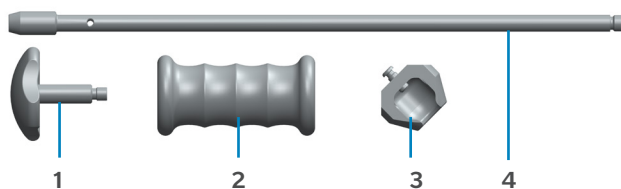


Figure 1

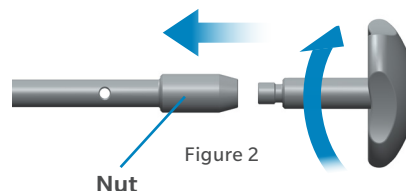


Figure 2

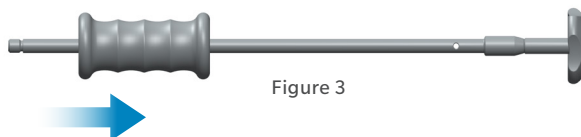


Figure 3

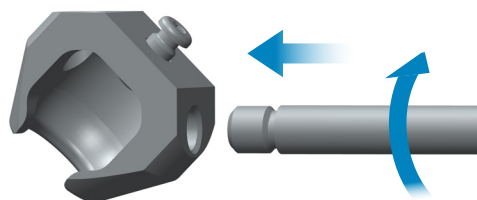


Figure 4

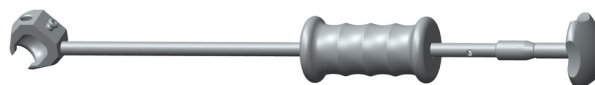


Figure 5

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

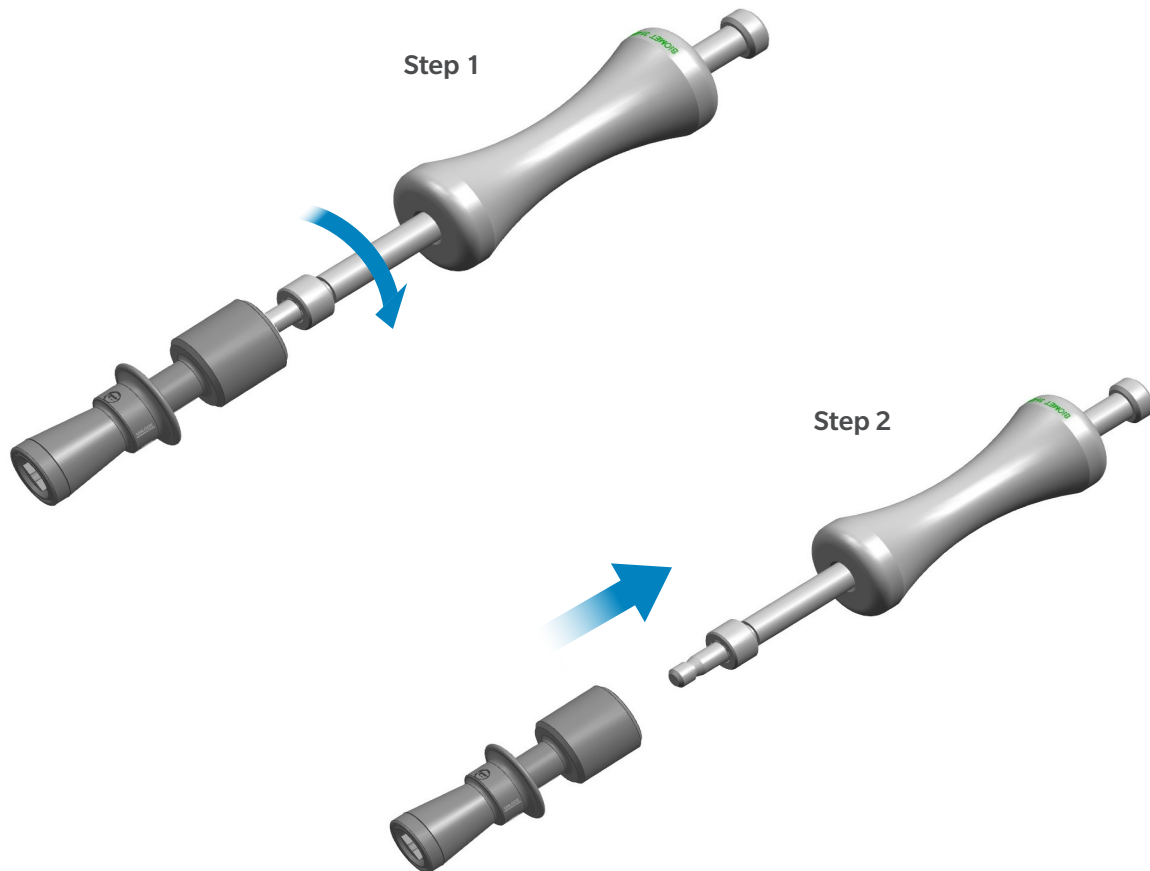
PerFuse Decompression Extractor Adapter

Part Number: 800-0543, 31-473621

Disassembly Instructions

1. Turn the slide hammer counterclockwise to completely unthread the slide hammer from the slide hammer adapter.
2. End of disassembly

ⓘ **Note:** The PerFuse Slide Hammer Adapter must be fully disassembled for cleaning and steam sterilization.



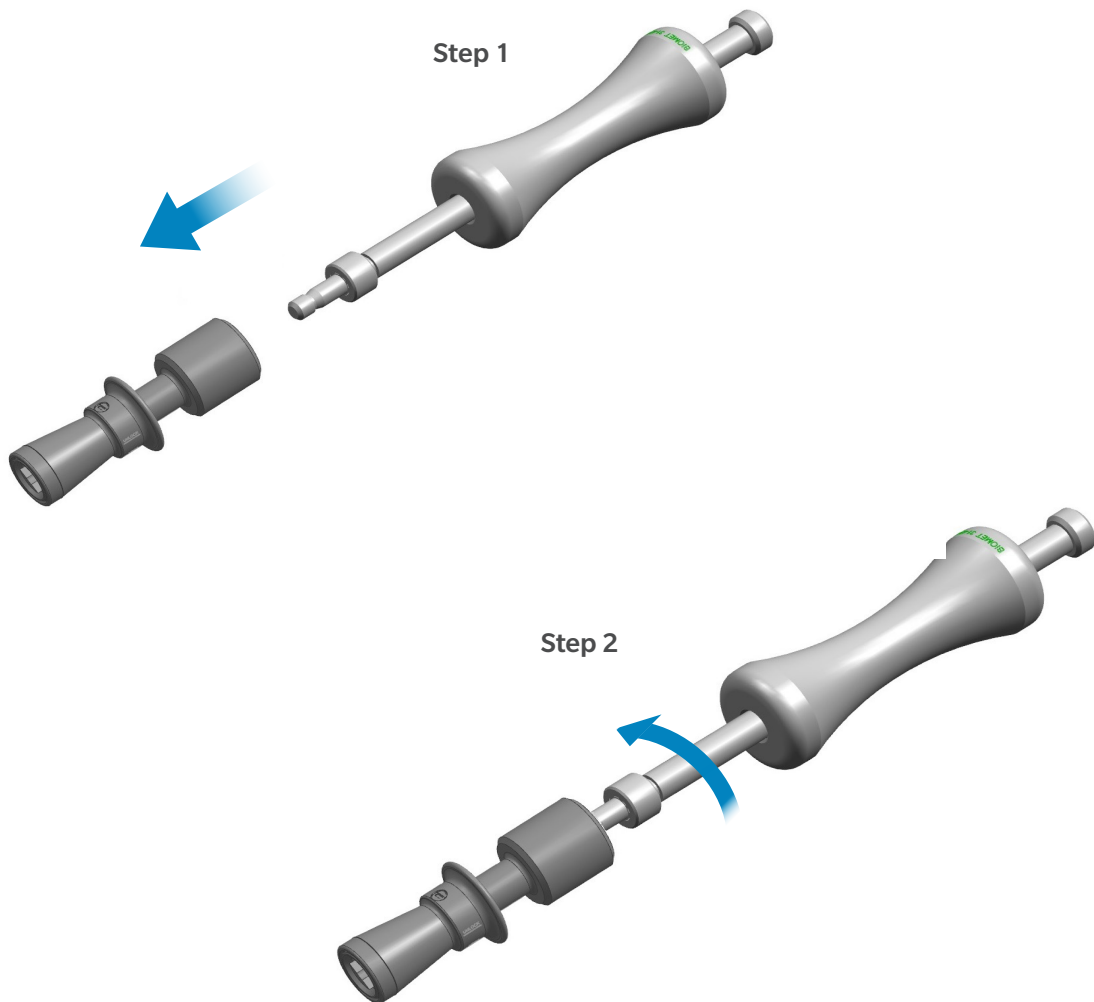
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

PerFuse Decompression Extractor Adapter

Part Number: 800-0543, 31-473621

Assembly Instructions

1. Put slide hammer onto slide hammer adapter
2. Turn the slide hammer clockwise to thread the slide hammer onto the slide hammer adapter.
3. End of assembly.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

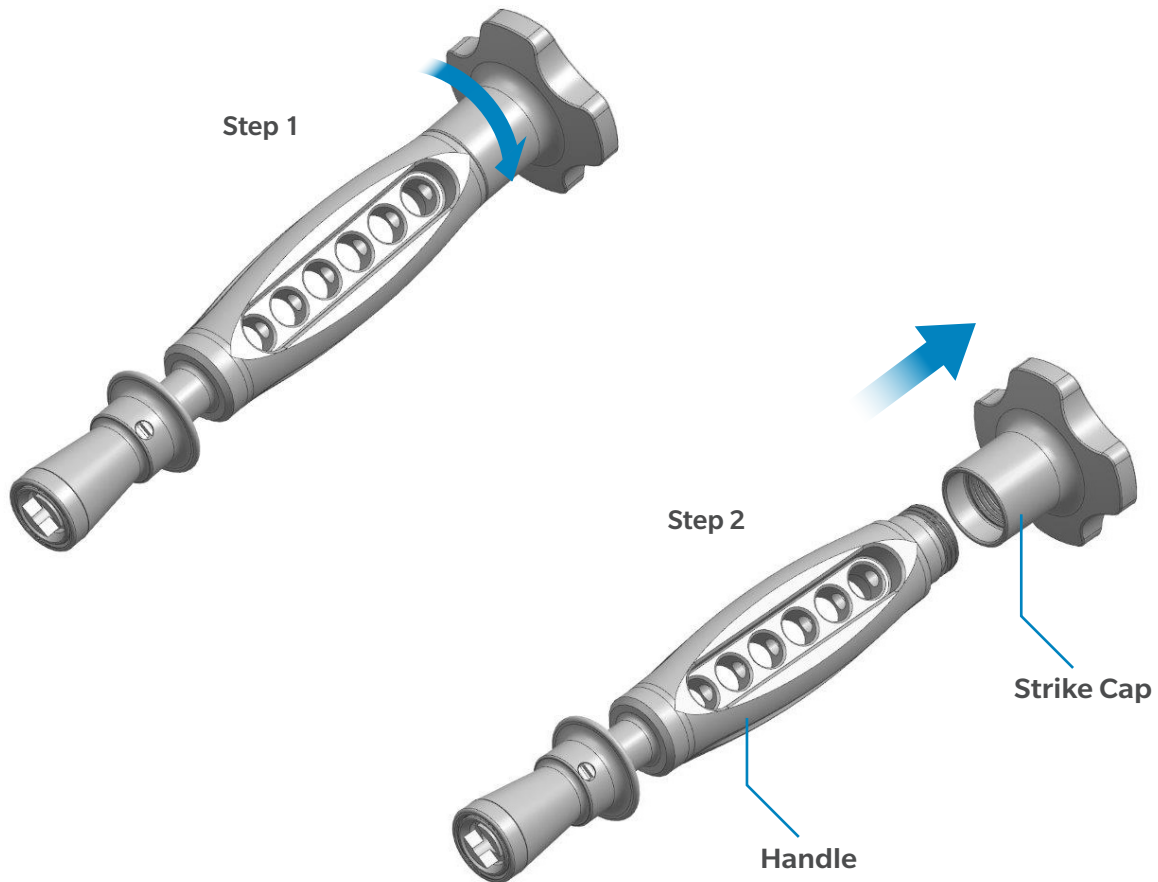
PerFuse Decompression Handle

Part Number: 800-0544, 800-0545

Disassembly Instructions

1. Turn the strike cap counterclockwise to completely unthread the strike cap from the handle.
2. End of disassembly

ⓘ **Note:** The PerFuse Decompression Handle must be fully disassembled for cleaning and steam sterilization.



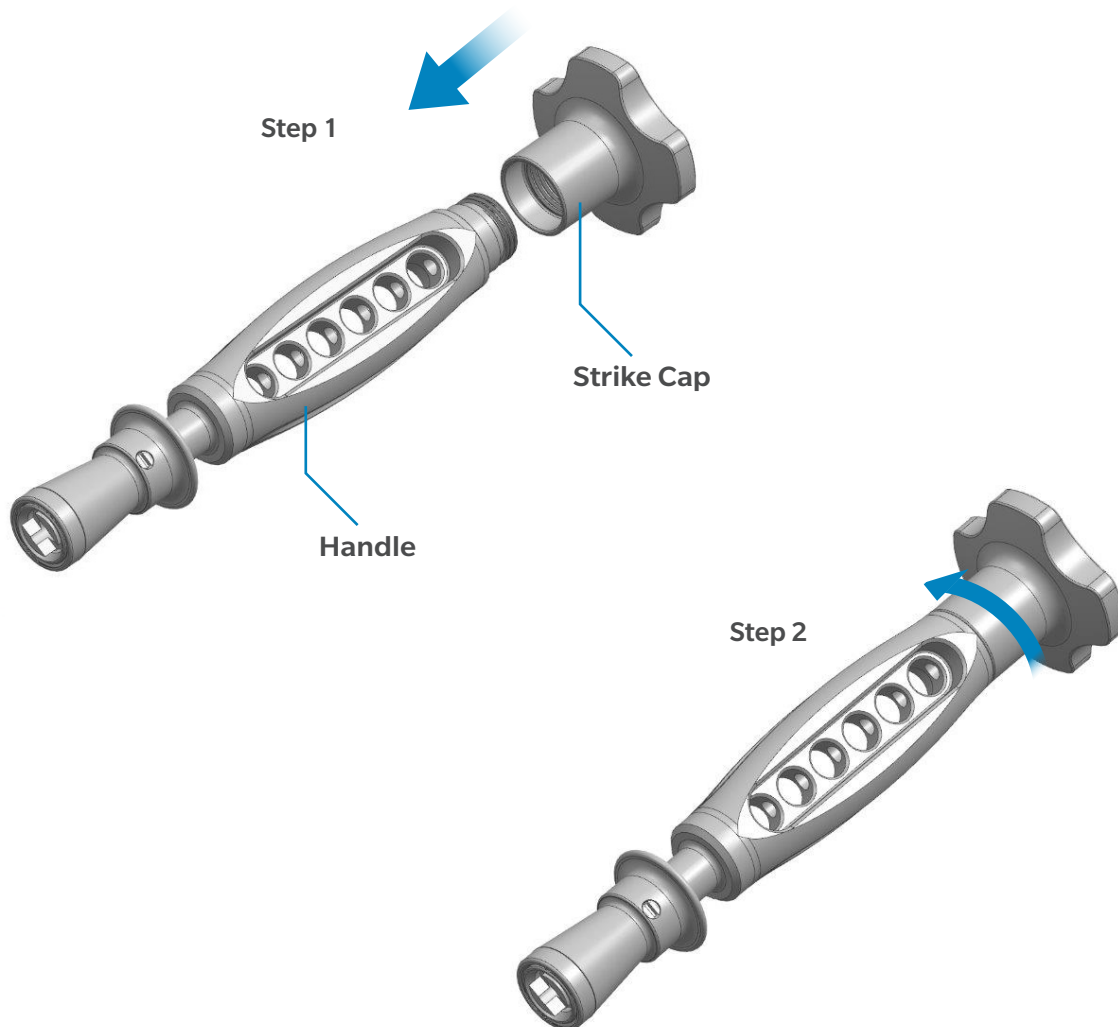
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

PerFuse Decompression Handle

Part Number: 800-0544, 800-0545

Assembly Instructions

1. Put strike cap onto handle
2. Turn the strike cap clockwise to thread the strike cap onto the handle
3. End of assembly.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

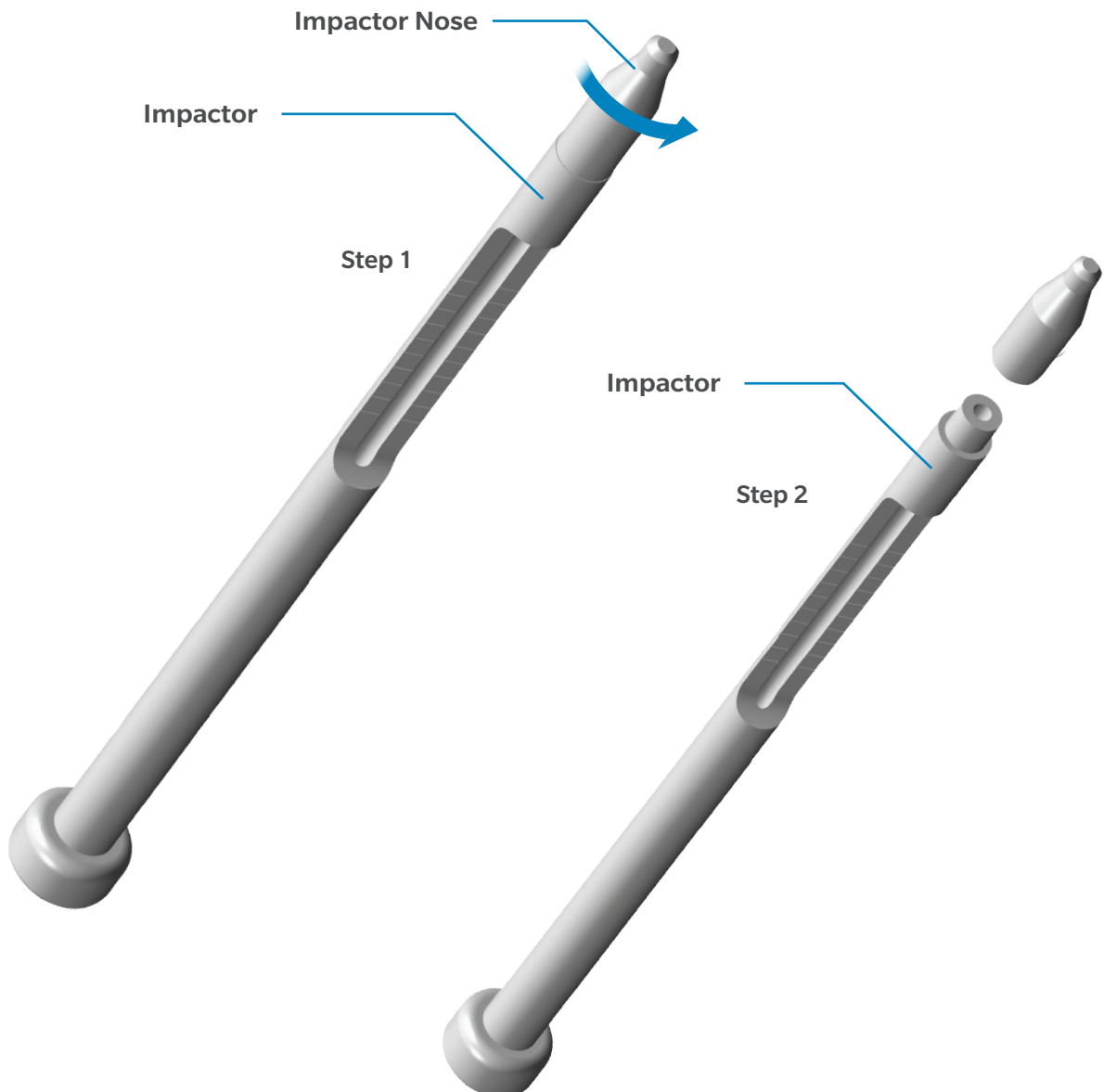
Plate and Nail Impactors

Part Number: 00-1193-006-00, 00-1193-055-00

Disassembly Instructions

1. Turn the impactor nose counter clockwise to unscrew from the impactor.
2. End of disassembly.

ⓘ **Note:** The Impactor must be fully disassembled for cleaning and steam sterilization.



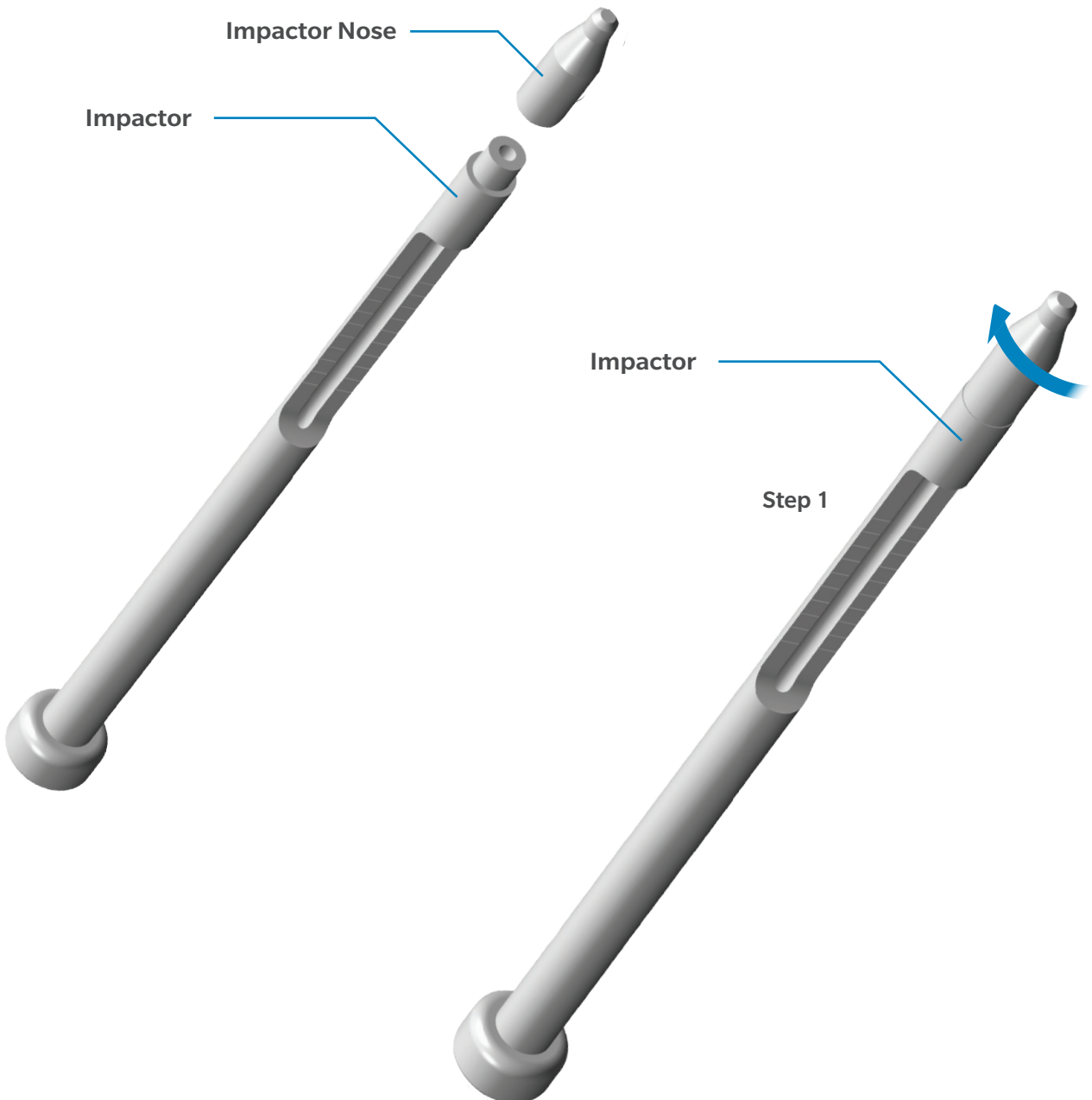
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Plate and Nail Impactors

Part Number: 00-1193-006-00, 00-1193-055-00

Assembly Instructions

1. Thread the impactor nose into the impactor until it is fastened completely.
2. End of assembly.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Plate and Nail Impactor

Part Number: 110.25.130

Disassembly Instructions

Assembly instructions in reverse order

1. Unthread the plastic tip from the impactor shaft until fully separated as shown in the disassembled state (Figure 2).
2. End of disassembly.



Figure 1: Assembled state



Figure 2: Disassembled state

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Shoulder Assembly Adapter

Part Number: 01.04237.600

Disassembly Instruction

for 01.04237.600 (one-piece)

1. Open the Adapter Arm 2 and remove the assembled stem
2. End of disassembly

Disassembly Instruction

for 01.04237.600 (two-piece)

1. Open the Adapter Arm 3 and remove the assembled stem
2. Unscrew the mounted screw on Adapter Arm 3 (counterclock-wise)
3. End of disassembly

Note: The Adaptor for Anatomical Shoulder Fracture System must be completely disassembled for cleaning and steam sterilization.



Assembled Adapter for Anatomical Shoulder Fracture System

- One-piece
- Two-piece

Assembly Instruction

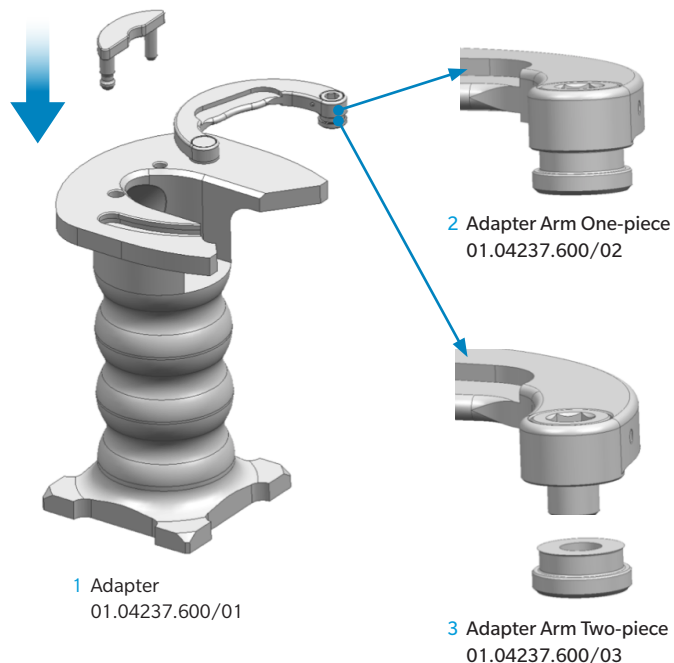
for 01.04237.600 (one-piece)

1. Place the assembled stem into the Adapter 1 and close the Adapter Arm 2 (one-piece)
2. End of disassembly

Assembly Instruction

for 01.04237.600 (two-piece)

1. First, mount the delivered screw clockwise on the two-piece Adapter Arm 3
2. Place the assembled stem into the Adapter 1 and close the Adapter Arm 3 (two-piece)
3. End of disassembly



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Shoulder Impactor

Part Number: 01.04236.400

Disassembly Instructions

Assembly instructions in reverse order

Parts to be assembled (see Figure 1):

1. Impactor Plate
2. Housing
3. Impulse Spring
4. Hammer
5. Impactor screw
6. Guide
7. Pre-load spring
8. Humerus Protector

1. Assemble the Humerus Protector (8) with the Pre-load Spring (7), the guide (6) and the impactor (5) by screwing together to humerus protector (8) and the impactor screw (5) as shown on Figure 2.

2. Assemble the sub-assembly with the housing (2) as shown on Figure 3.

3. Assemble the sub-assembly with the hammer (4), by pushing down the button on the housing and the same time inserting the hammer (4) inside the housing (2) as shown on Figure 4.

4. Assemble the sub-assembly with the impulse spring (3) and the impactor plate (1) by screwing the impactor plate onto the housing (2) as shown on Figure 5.

5. The final assembled instrument is shown on Figure 6.

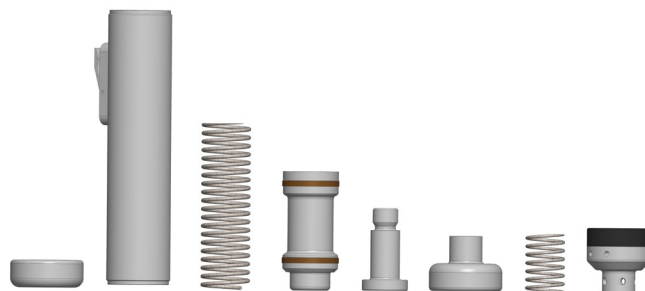


Figure 1

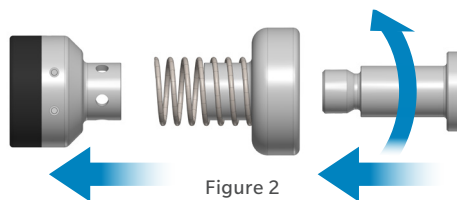


Figure 2

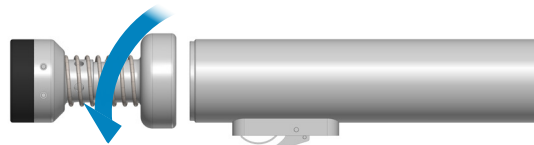


Figure 3

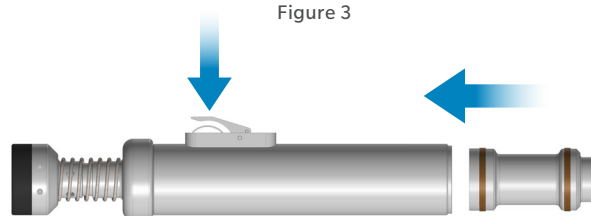


Figure 4

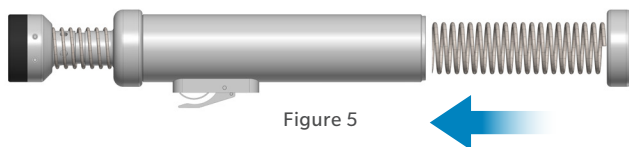


Figure 5

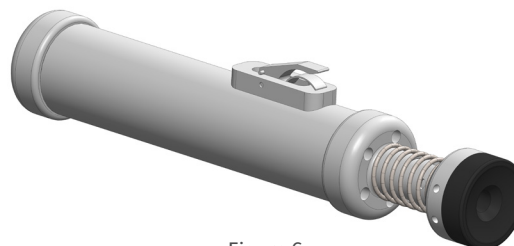


Figure 6

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Staple Impactor

Part Number: 02.00023.110, 02.00023.113

Disassembly Instructions

Assembly instructions in reverse order

1. Unscrew slide nut from tensioner and remove sliding ring.
2. Fully separate the tensioner and holding sleeve.
3. End of disassembly.

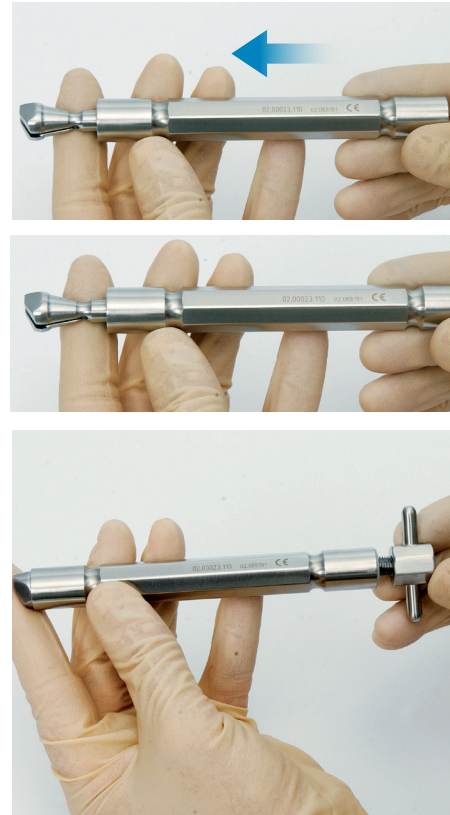


Figure 1: Assembled state

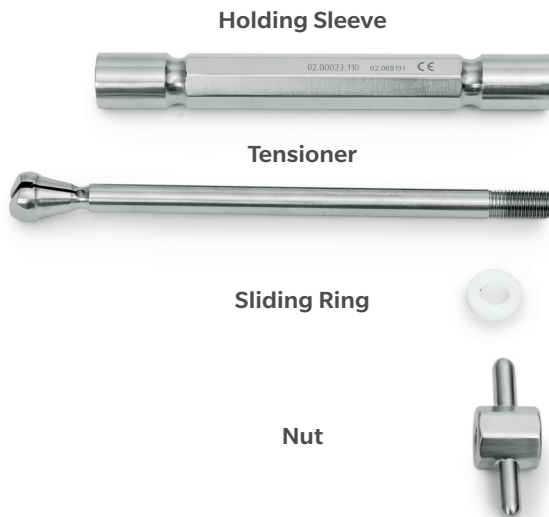


Figure 2: Disassembled state

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Stem Extractor Adaptor

Part Number: 7053

Disassembly Instructions

Assembly instructions in reverse order

1. The adaptor for stem removal should be disassembled for cleaning by unscrewing the spindle of the IMT coupling from the Adaptor as shown in the disassembled state (Figure 2).

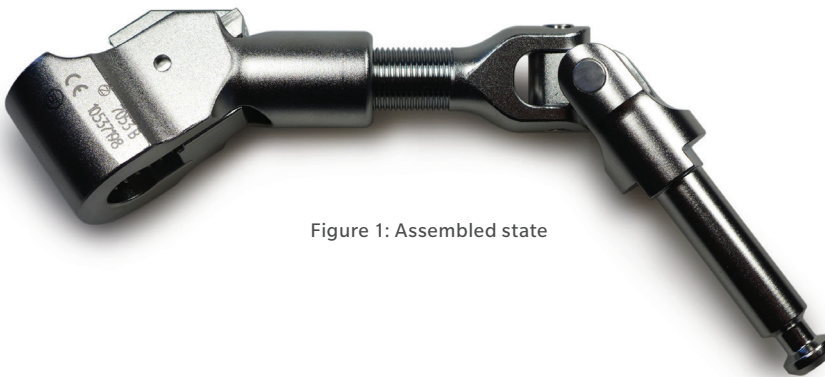


Figure 1: Assembled state

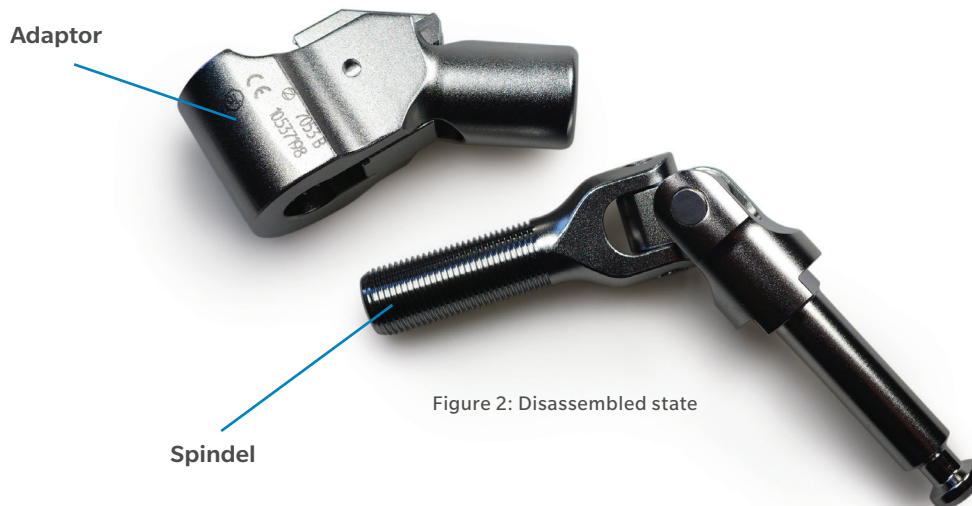


Figure 2: Disassembled state

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Stem Extractor, Straight

Part Number: 01.00529.102

Disassembly Instructions

Assembly instructions in reverse order

1. For cleaning, disassemble the plastic clamps from the extraction instrument by unscrewing the Fixation screw (Figure 1).
2. End of disassembly.

Fixation Screw



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Stem Impactor/Extractor, Wagner SL and Wagner Cone

Part Number: 01.00109.808 • 01.00569.011

Disassembly Instructions

Assembly instructions in reverse order

1. The Impactor for SL Revision Stem Lateral and Wagner Cone Prosthesis™ Proximal Trial Stem Extractor should be disassembled for cleaning by fully unscrewing the components as shown in disassembled state (Figure 2).
2. End of disassembly.



Figure 1: Assembled state

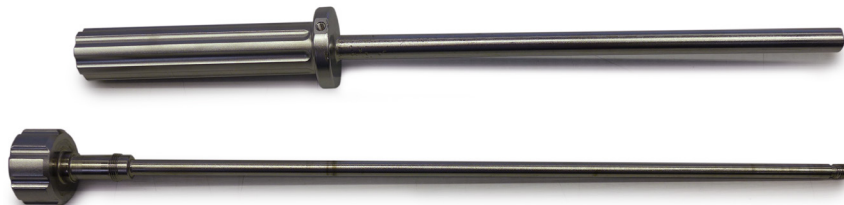


Figure 2: Disassembled state

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Stem Extractor, Wagner SL

Part Number: 75.11.00-01

Disassembly Instructions

Assembly instructions in reverse order

1. Attention: For cleaning, remove the two locking screws (indicated in Figure 1) as shown in the the disassembled state (Figure 2).

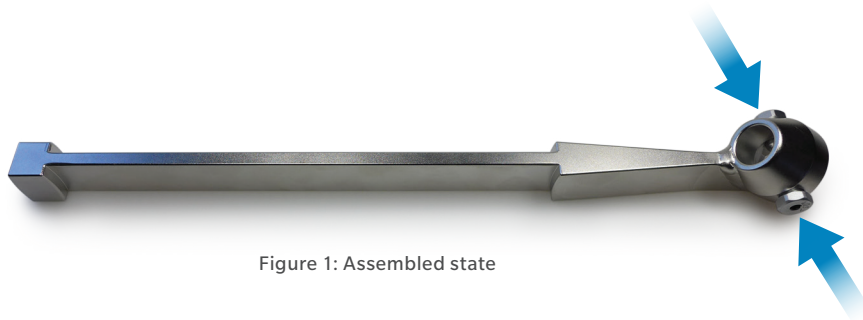


Figure 1: Assembled state



Figure 2: Disassembled state

INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

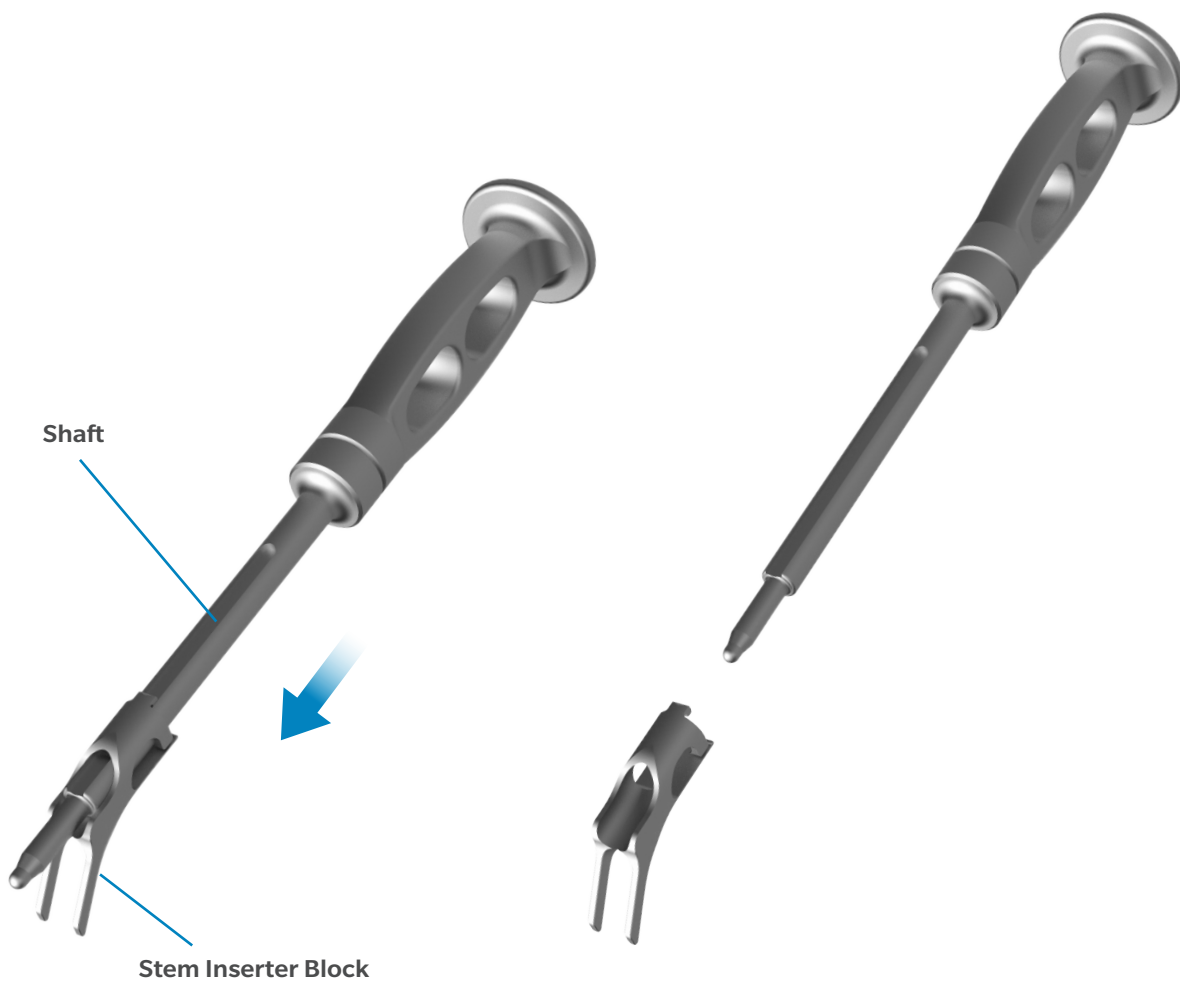
Stem Inserters

Part Number: 31-600070

Disassembly Instructions

1. Slide the stem inserter block in the direction shown until it is removed from the shaft.
2. End of disassembly.

ⓘ **Note:** The Straight Stem Inserter must be fully disassembled for cleaning and steam sterilization.



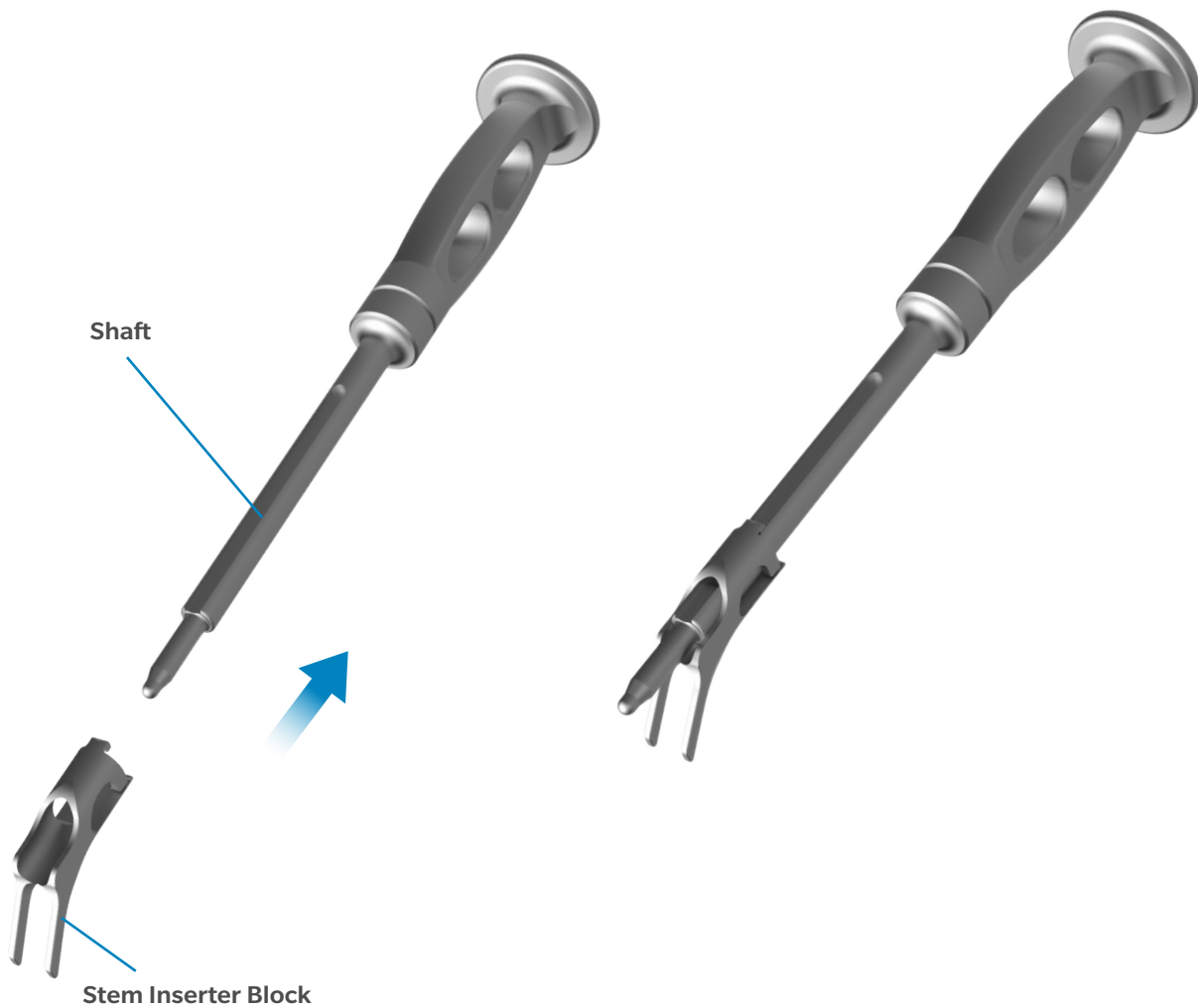
INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Stem Inserters

Part Number: 31-600070

Assembly Instructions

1. Orientate the Stem Inserter Block onto the shaft until it slides on.
2. End of assembly.



MODULAR CASE BRACKETS AND ACCESSORIES

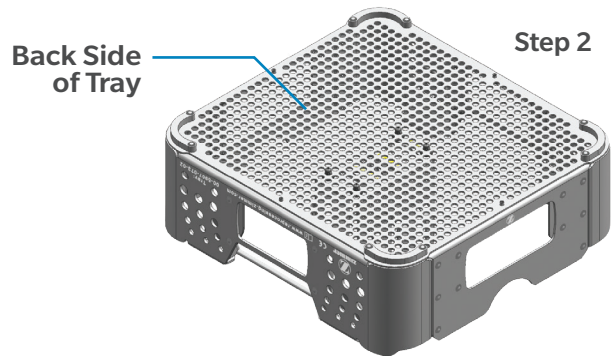
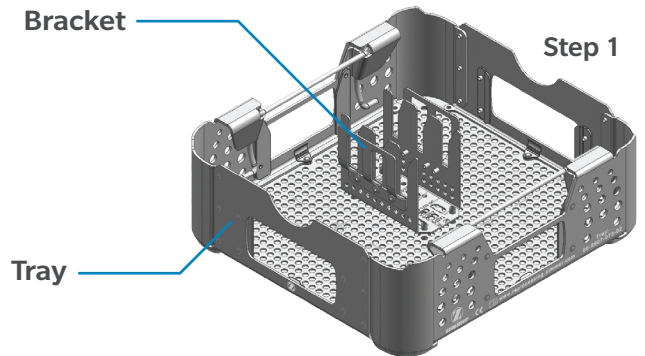
Flexion-First Modular Case Brackets Persona Modular Case Bracket

See Index for list of applicable part numbers

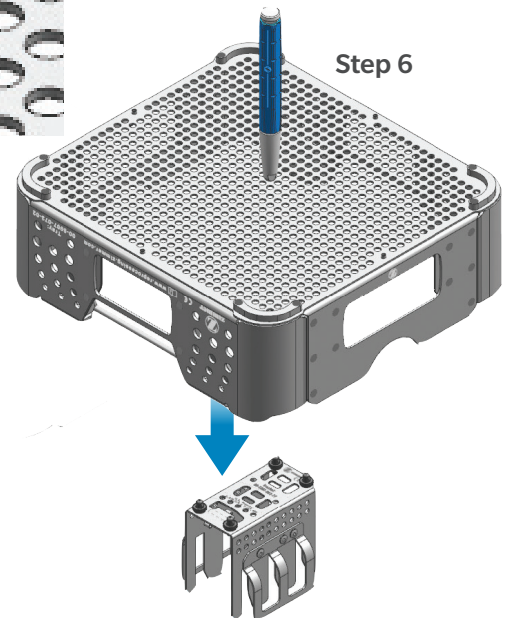
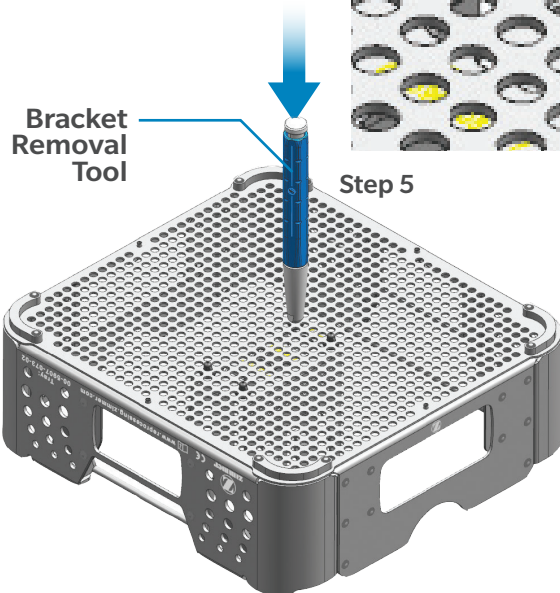
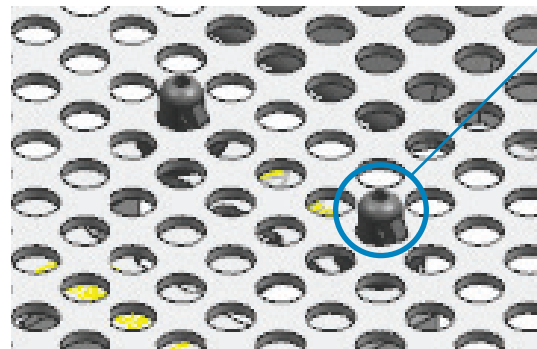
Disassembly Instructions

1. Remove instruments and provisionals from tray.
2. From the back side of the tray, locate bracket to be removed.
3. Grasp bracket removal tool.
- 4 Fully place removal tool over desired fastener.
5. Fully depress plunger to disengage each fastener on the desired bracket.
6. After all fasteners have been disengaged, the bracket will drop from the tray. If bracket remains engaged repeat steps 3, 4, and 5.
7. End of disassembly.

Note: The Modular Case Bracket must be fully disassembled for cleaning and steam sterilization.



Step 3 & 4



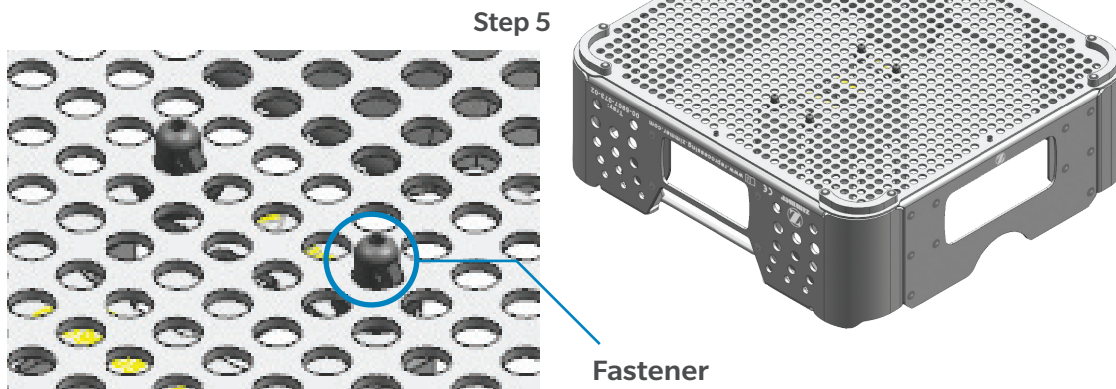
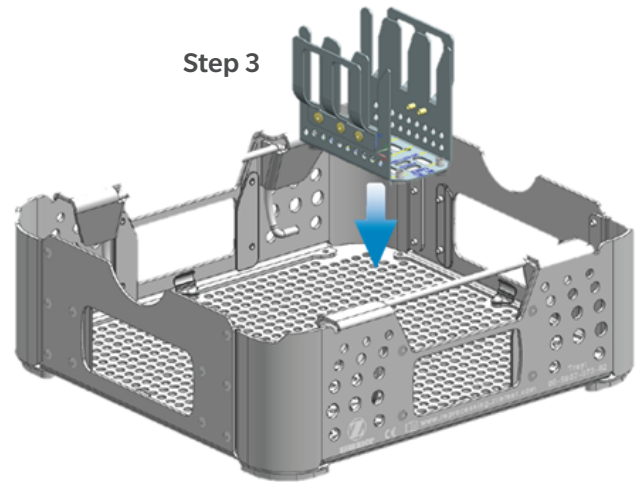
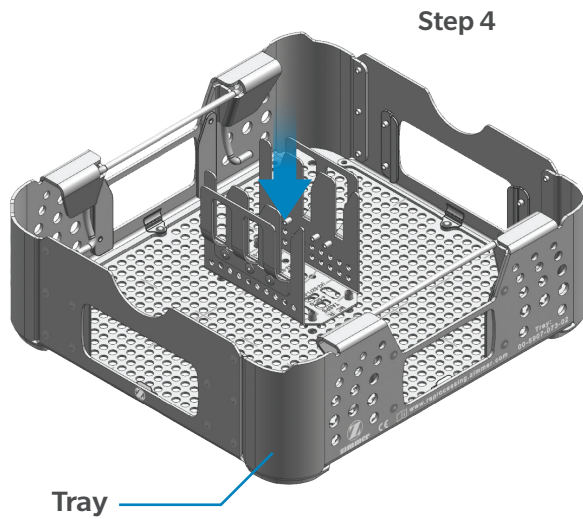
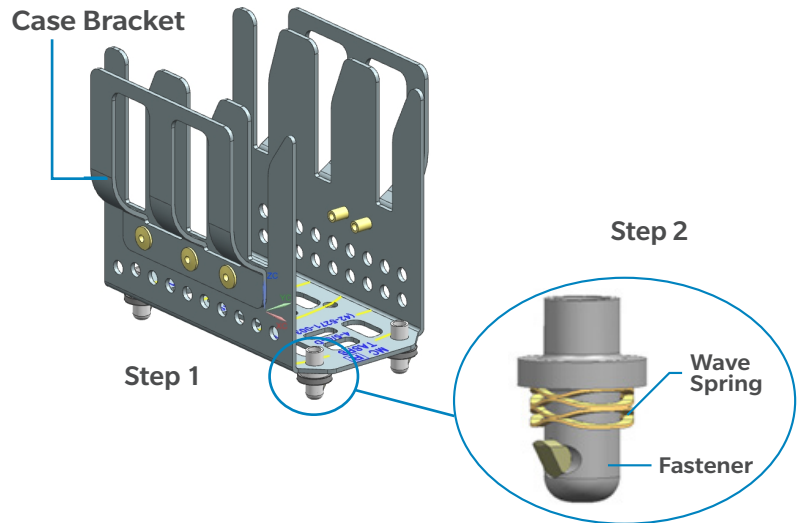
MODULAR CASE BRACKETS AND ACCESSORIES

Flexion-First Modular Case Brackets Persona Modular Case Bracket

See Index for list of applicable part numbers

Assembly Instructions

1. Choose a desired case bracket.
2. Ensure wave springs are present on each fastener.
3. Pick a desired location to place bracket ensuring no overlap of neighboring brackets.
4. Press down on bracket until there is an audible click from each fastener.
5. Invert tray and inspect each fastener to ensure wedges are fully engaged. If fasteners are not fully engaged, repeat step 4.
6. End of assembly.



POSITIONING AND MEASURING INSTRUMENTS

Adjustable Bone Chisel Guide

Part Number: 110.23.030

Disassembly Instructions

Assembly instructions in reverse order

1. Fully unthread the screw from the handle piece and angle meter as shown in disassembled state (Figure 2).
2. End of disassembly

Further disassembly is not necessary and may only be performed by the manufacturer during servicing.

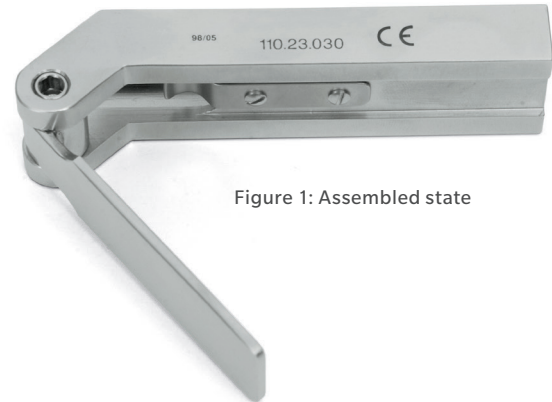


Figure 1: Assembled state

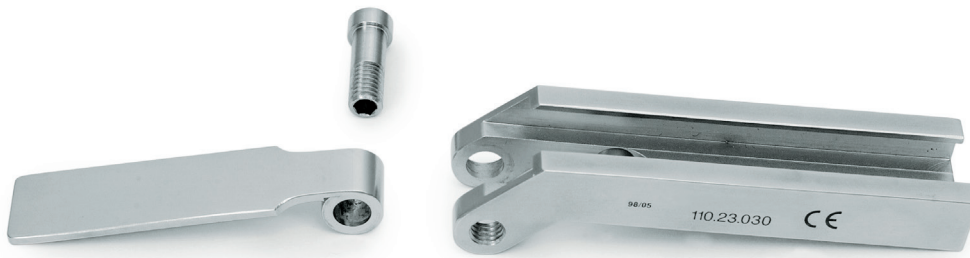


Figure 2: Disassembled state

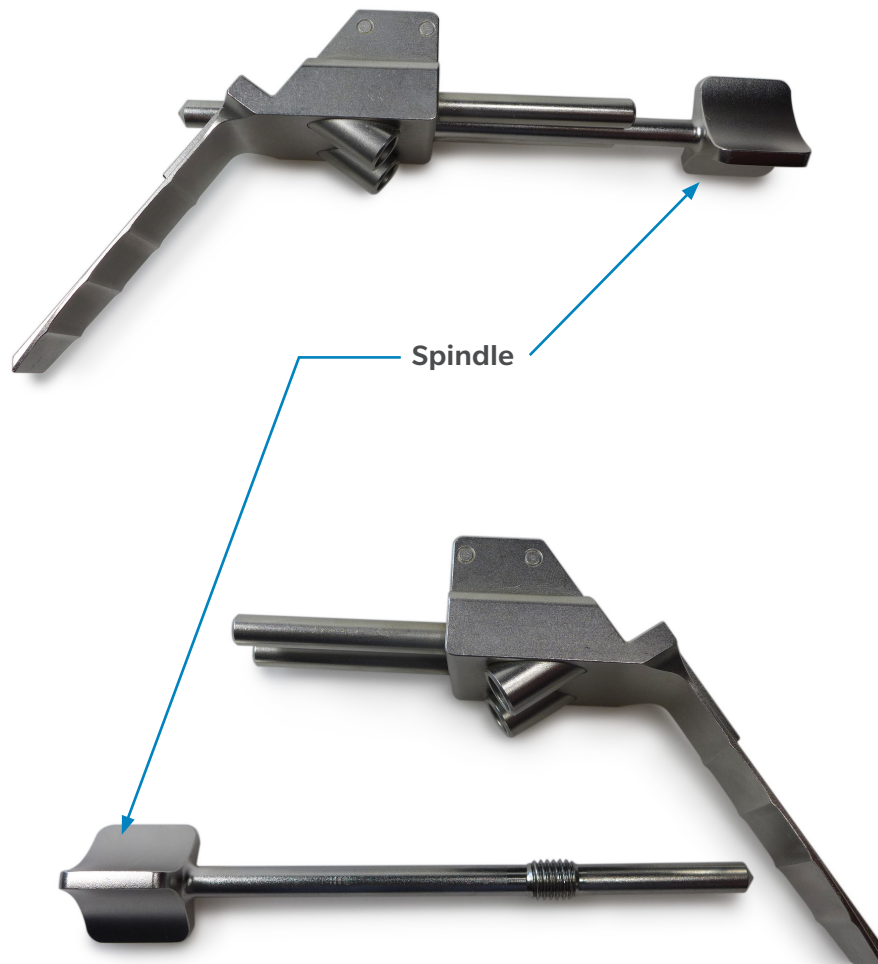
POSITIONING AND MEASURING INSTRUMENTS

Alignment Spacer

Part Number: 01.03003.713

Disassembly Instructions

1. To disassemble for cleaning unscrew the spindle as shown below.
2. End of disassembly.



POSITIONING AND MEASURING INSTRUMENTS

Cup Alignment Adaptor

Part Numbers: 01.00219.770

Disassembly Instructions

Assembly instructions in reverse order

1. Disassemble the Cup Sleeve with A-Frame Connection by rotating screw counter-clockwise as shown in Figure 1–2 (see blue arrow).

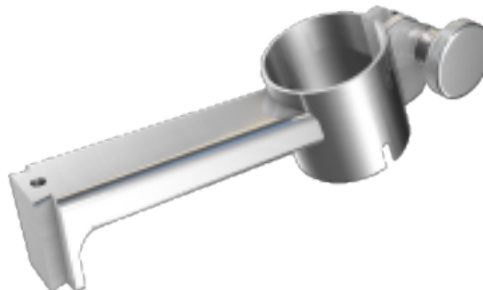


Figure 1

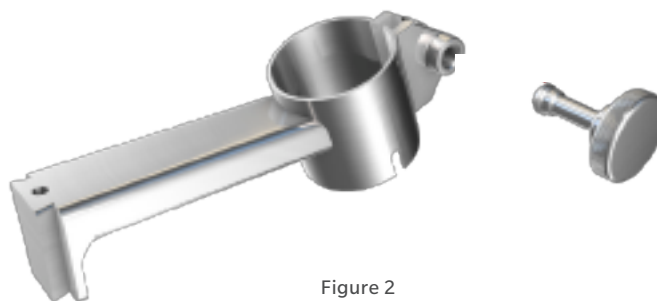


Figure 2

POSITIONING AND MEASURING INSTRUMENTS

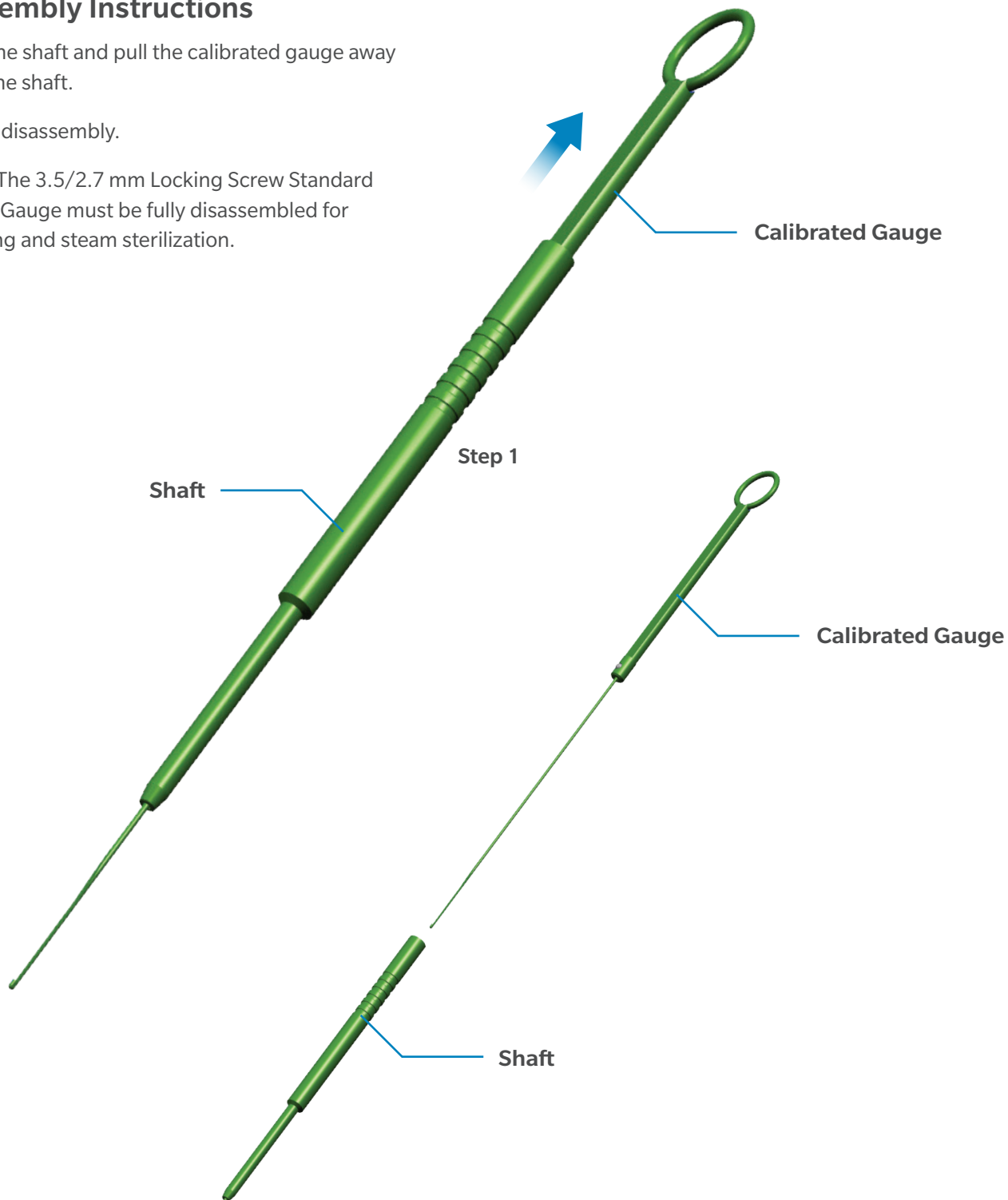
Depth Gauges

Part Number: 00-2360-040-35

Disassembly Instructions

1. Hold the shaft and pull the calibrated gauge away from the shaft.
2. End of disassembly.

ⓘ **Note:** The 3.5/2.7 mm Locking Screw Standard Depth Gauge must be fully disassembled for cleaning and steam sterilization.



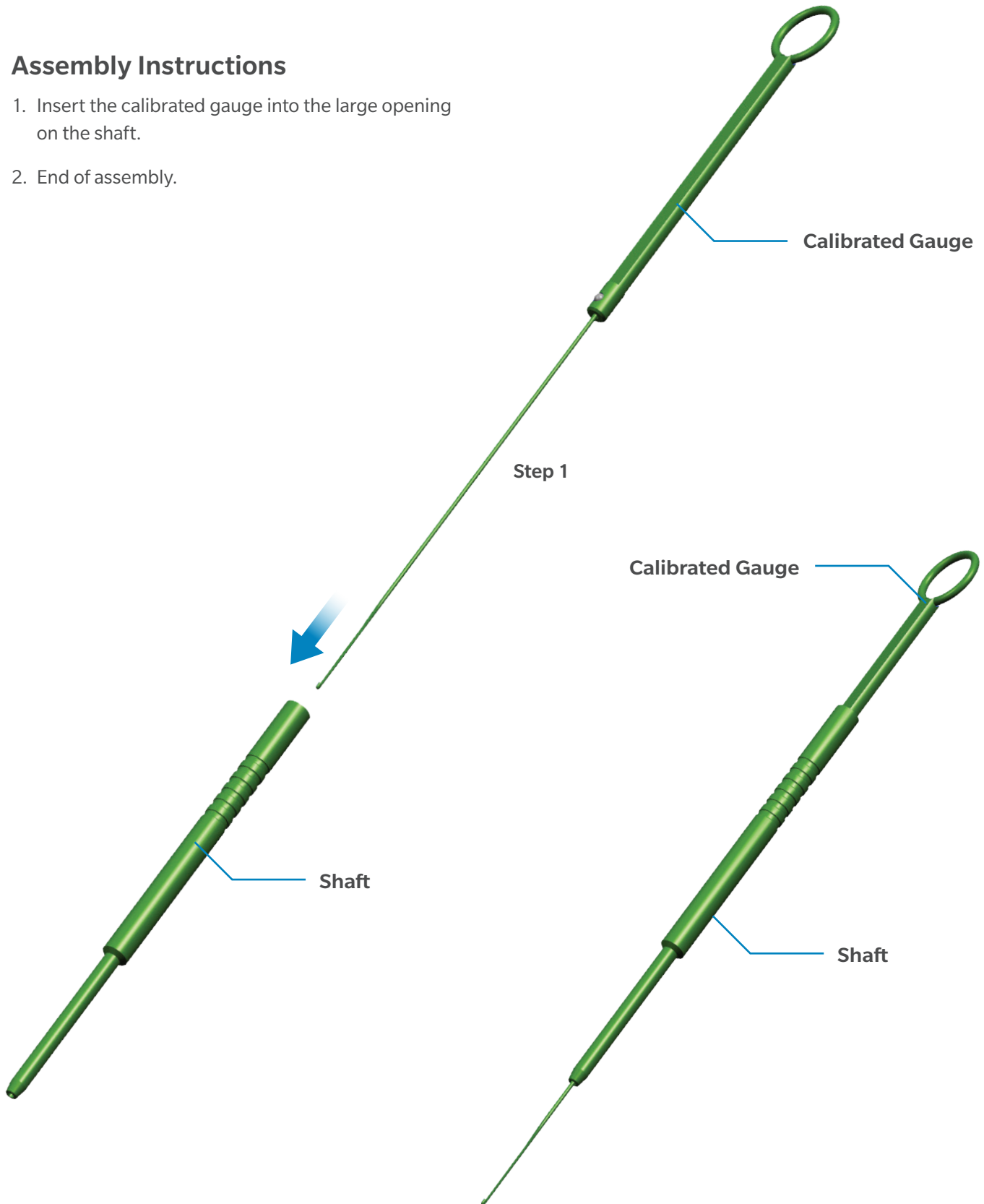
POSITIONING AND MEASURING INSTRUMENTS

Depth Gauges

Part Number: 00-2360-040-35

Assembly Instructions

1. Insert the calibrated gauge into the large opening on the shaft.
2. End of assembly.



POSITIONING AND MEASURING INSTRUMENTS

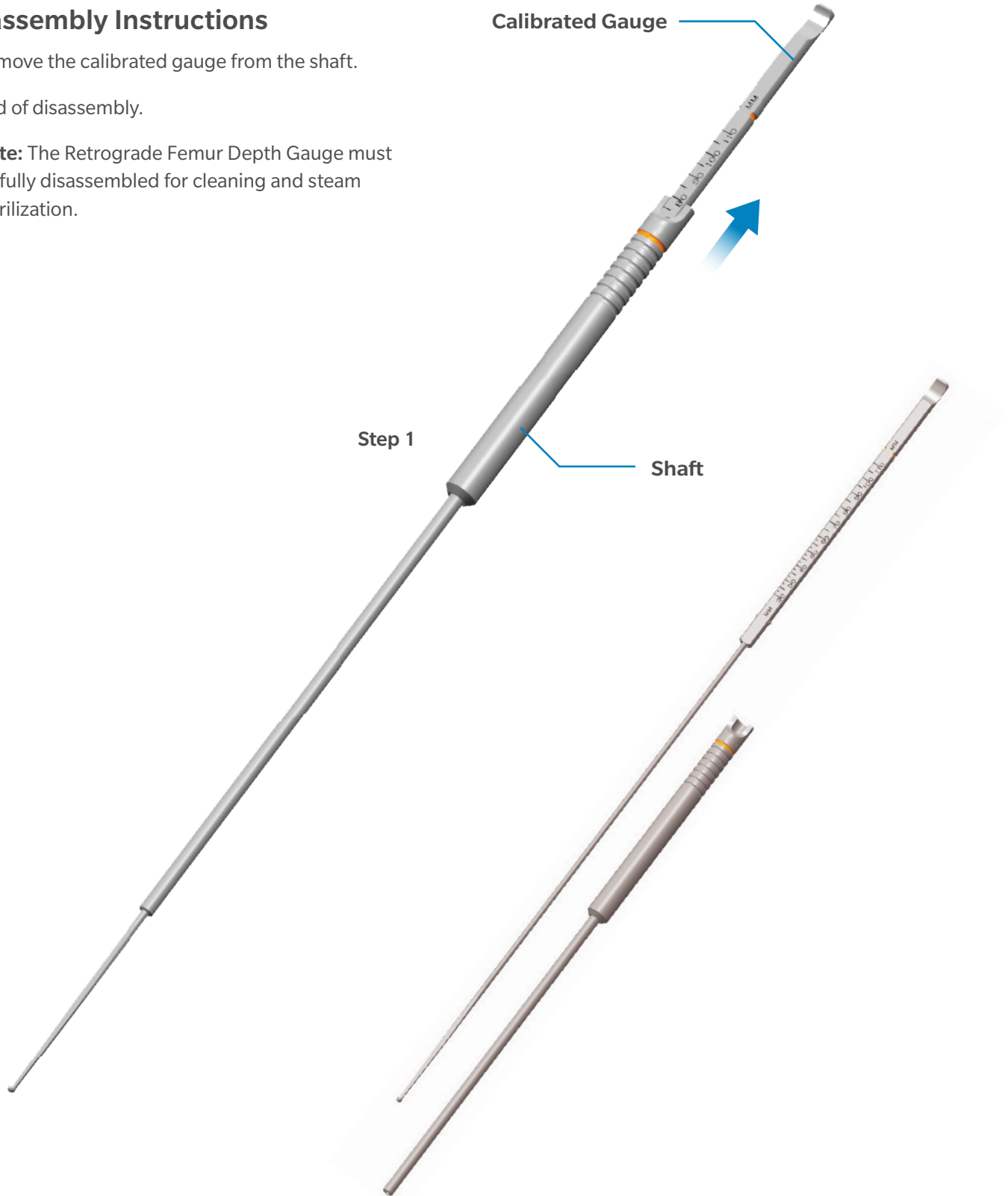
Depth Gauges

Part Number: 00-2490-065-85

Disassembly Instructions

1. Remove the calibrated gauge from the shaft.
2. End of disassembly.

Note: The Retrograde Femur Depth Gauge must be fully disassembled for cleaning and steam sterilization.



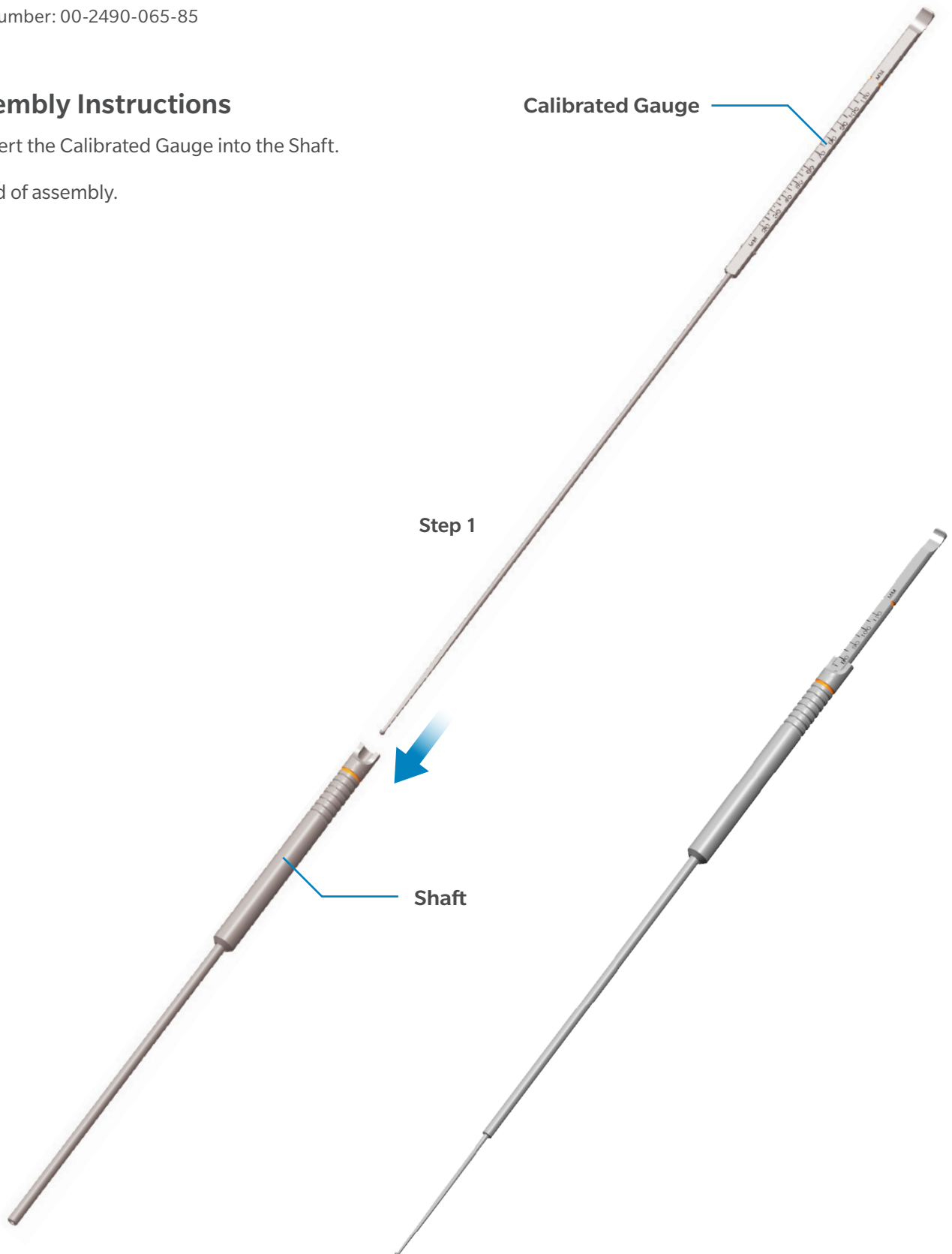
POSITIONING AND MEASURING INSTRUMENTS

Depth Gauges

Part Number: 00-2490-065-85

Assembly Instructions

1. Insert the Calibrated Gauge into the Shaft.
2. End of assembly.



POSITIONING AND MEASURING INSTRUMENTS

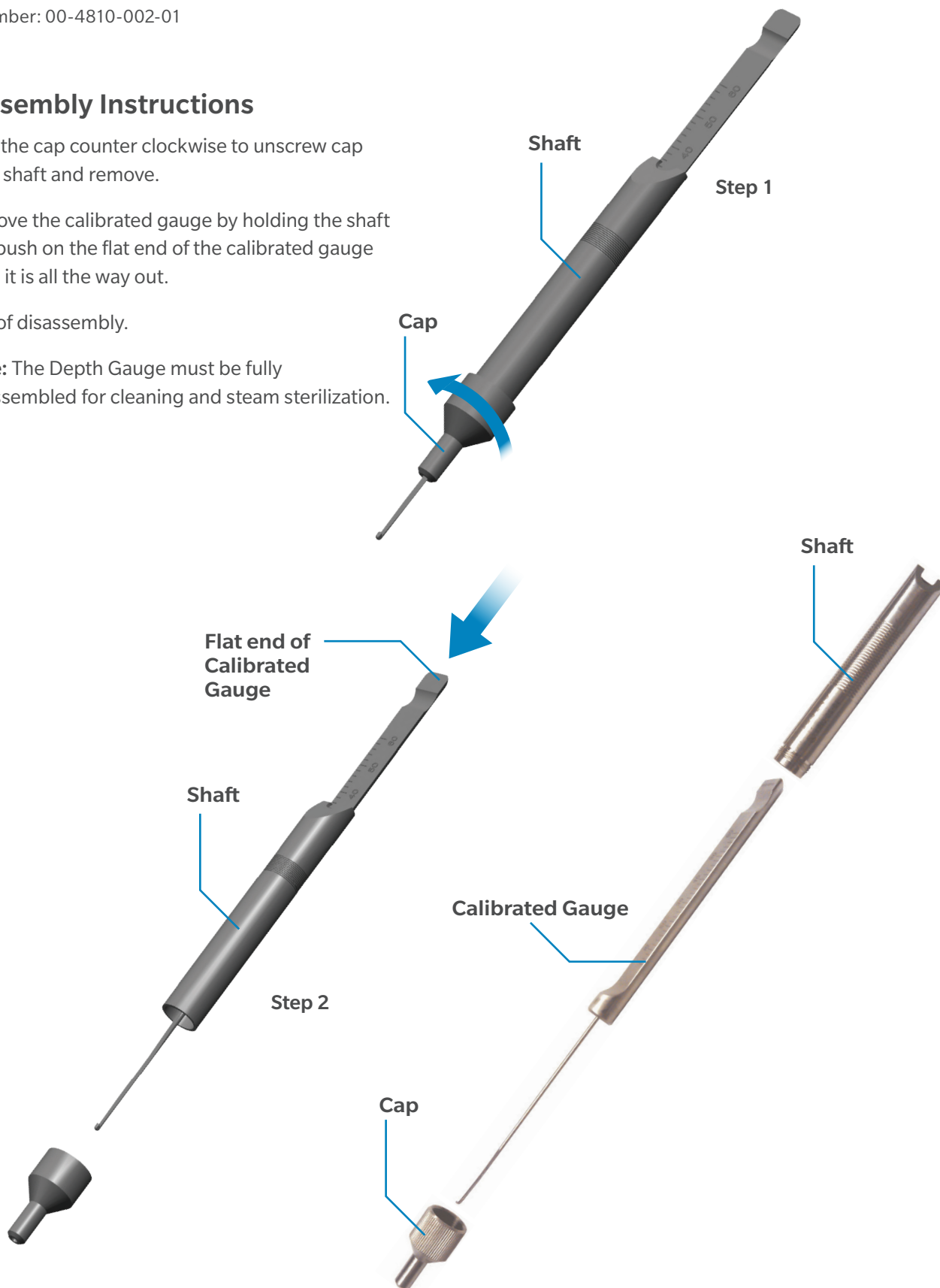
Depth Gauges

Part Number: 00-4810-002-01

Disassembly Instructions

1. Turn the cap counter clockwise to unscrew cap from shaft and remove.
2. Remove the calibrated gauge by holding the shaft and push on the flat end of the calibrated gauge until it is all the way out.
3. End of disassembly.

Note: The Depth Gauge must be fully disassembled for cleaning and steam sterilization.



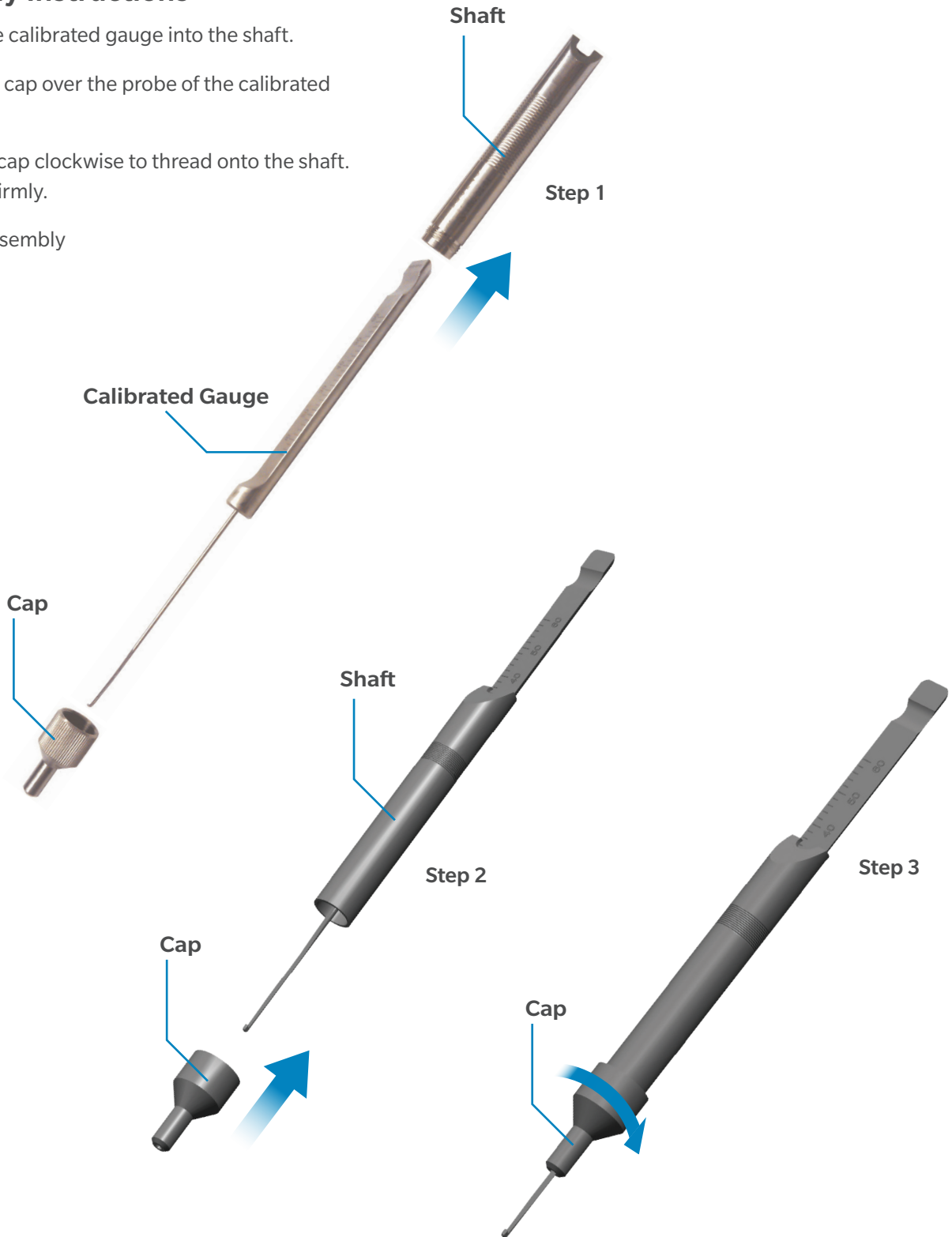
POSITIONING AND MEASURING INSTRUMENTS

Depth Gauges

Part Number: 00-4810-002-01

Assembly Instructions

1. Insert the calibrated gauge into the shaft.
2. Place the cap over the probe of the calibrated gauge.
3. Turn the cap clockwise to thread onto the shaft.
Tighten firmly.
4. End of assembly



POSITIONING AND MEASURING INSTRUMENTS

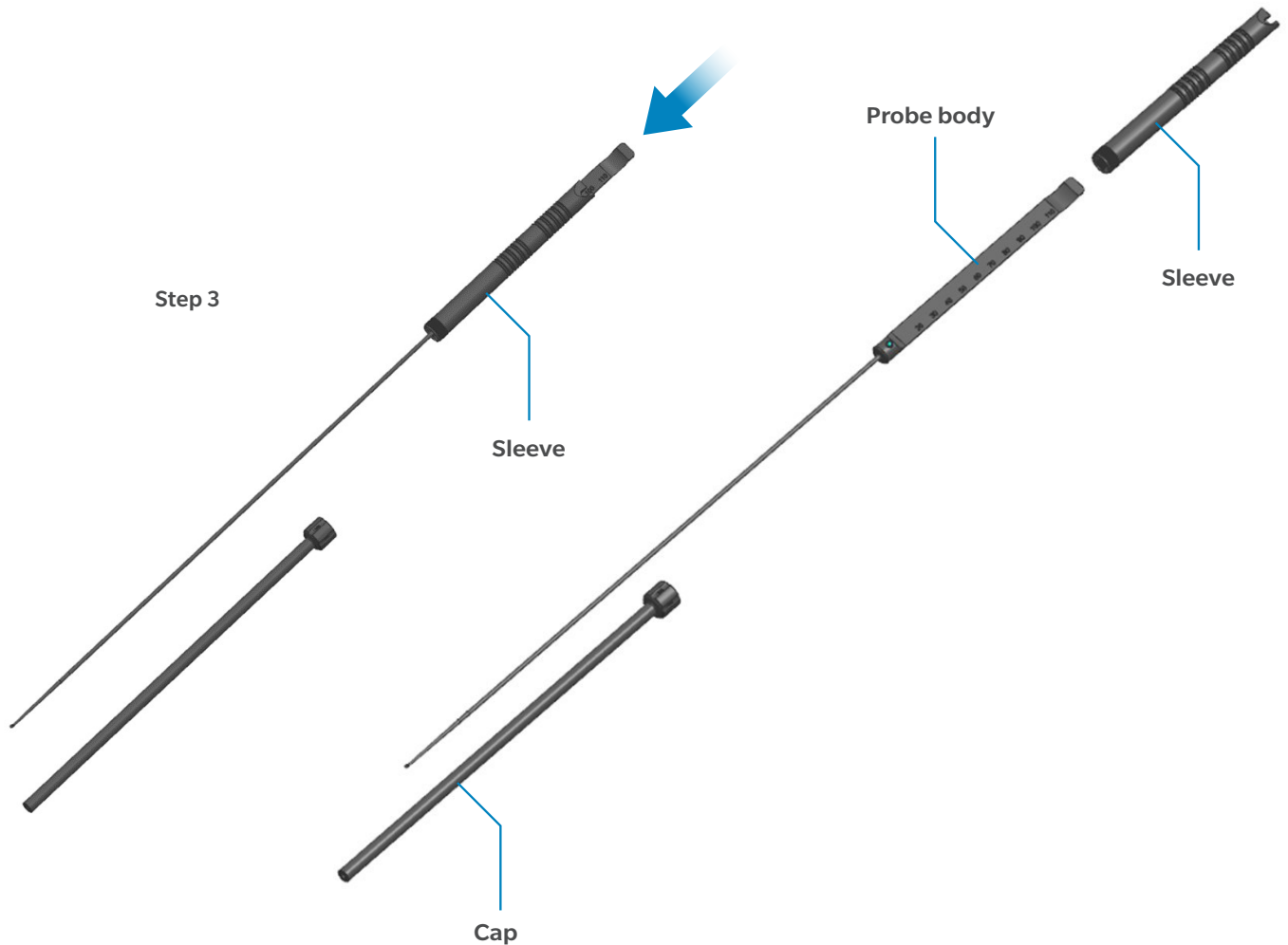
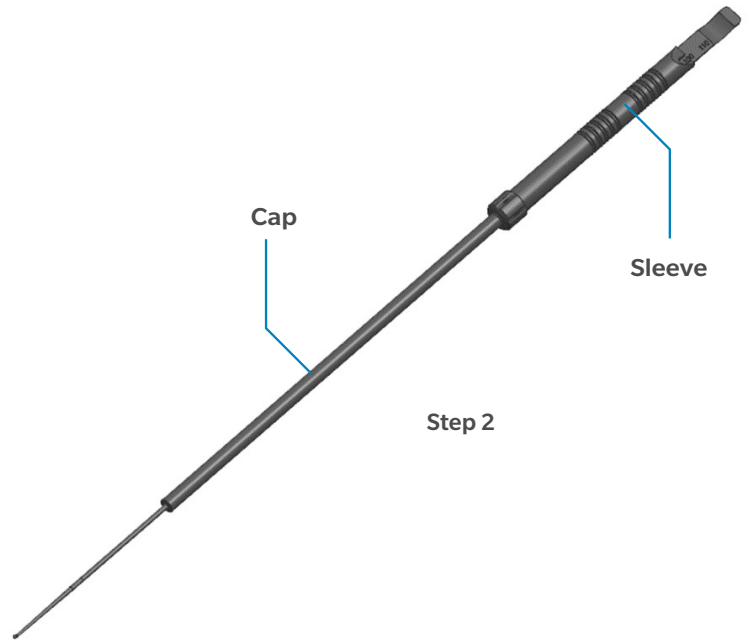
Biomet Large Depth Gauge

Part Number: 35-000099

Disassembly Instructions

1. Set gauge to position 110
2. Unscrew the cap from the sleeve and remove
3. Remove the sleeve by holding on to the sleeve, push the flat end of the probe body until it is way out.
4. End of disassembly

Note: The Biomet Large Depth Gauge must be fully disassembled for cleaning and steam sterilization.



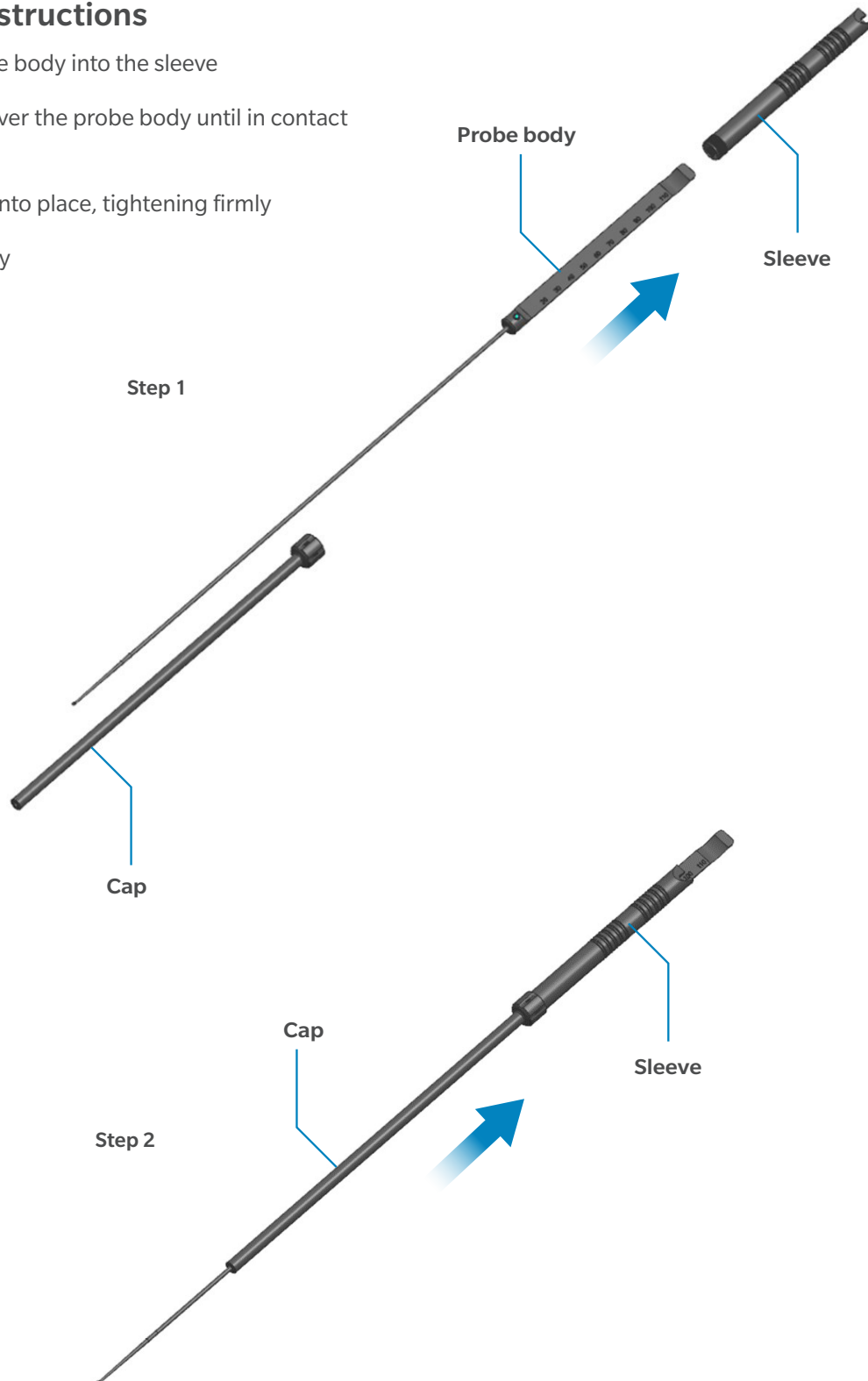
POSITIONING AND MEASURING INSTRUMENTS

Biomet Large Depth Gauge

Part Number: 35-000099

Assembly Instructions

1. Insert the probe body into the sleeve
2. Place the cap over the probe body until in contact with the sleeve
3. Screw the cap into place, tightening firmly
4. End of assembly



POSITIONING AND MEASURING INSTRUMENTS

Depth Gauge

Part Numbers: 7936

Disassembly Instructions

1. To disassemble the “Depth Gauge” for cleaning, put the the end on a flat surface and use both hands (as shown in the Figure 1) to put enough pressure on the outer sleeve (blue arrow). As shown in Figure 2 and 3, simply pull everything apart.
2. Wash the instruments while it is dismantled.

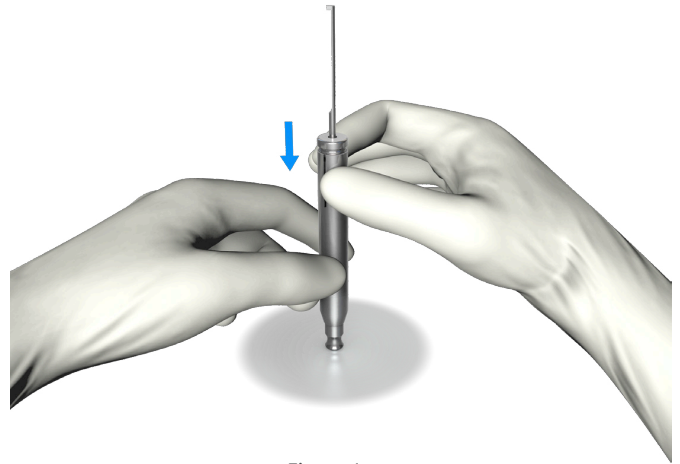


Figure 1

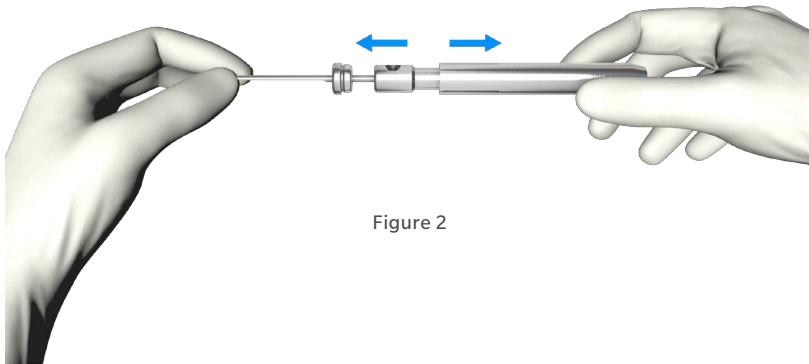


Figure 2



Figure 3

POSITIONING AND MEASURING INSTRUMENTS

Depth Gauge

Part Numbers: 7936

Assembly Instructions

1. Set the three parts back together as shown in Figure 5. Place the small round sealable cap on a flat surface.
2. Once in the position Figure 5, push the sleeve (blue arrow) strong against the sealable cap until it snaps back into place, see Figure 6.

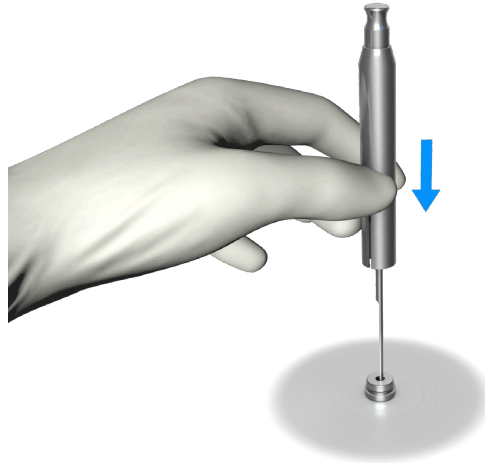


Figure 5

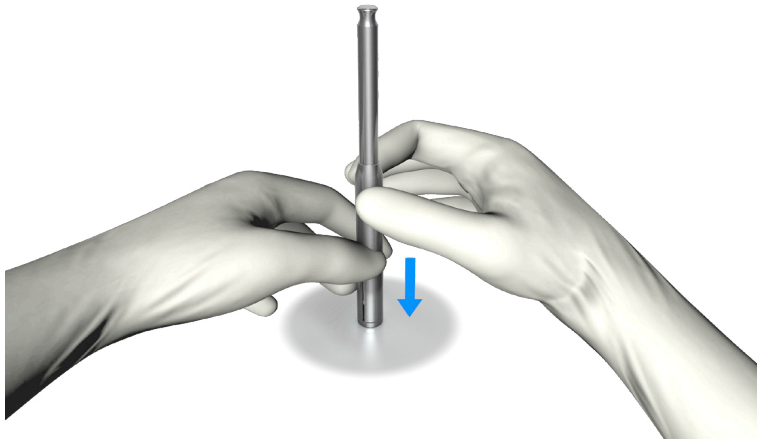


Figure 5

POSITIONING AND MEASURING INSTRUMENTS

Depth Gauges (Type 1) Depth Gauges (Type 2)

See Index for list of applicable part numbers

Disassembly Instructions

Assembly instructions in reverse order

- 1a. For Type 1 Depth Gauges: Pull the measuring rod until fully separated from the sleeve. See disassembled state in Figure 2.
- 1b. For Type 2 Depth Gauges: Using the nut, unscrew and separate the guide from the measuring rod and then pull the measuring rod from the sleeve until fully separated. See disassembled state in Figure 3.

2. End of disassembly

Note: The spring pressure thrust piece must be fully operational following re-assembly.

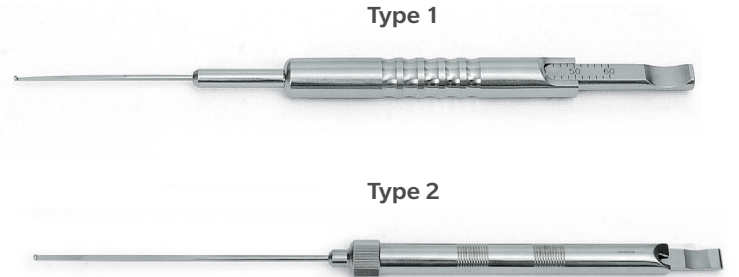


Figure 1: Assembled state

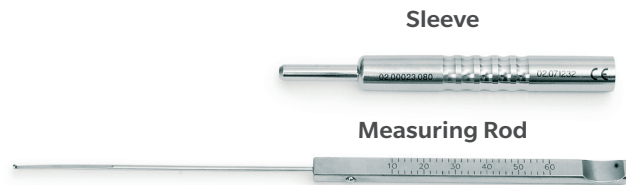


Figure 2: Type 1 Depth Gauge disassembled state

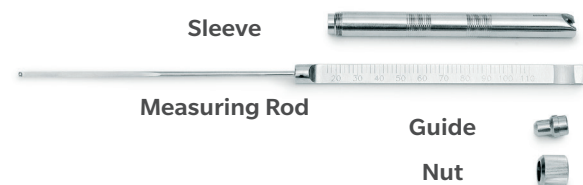


Figure 3: Type 2 Depth Gauge disassembled state

POSITIONING AND MEASURING INSTRUMENTS

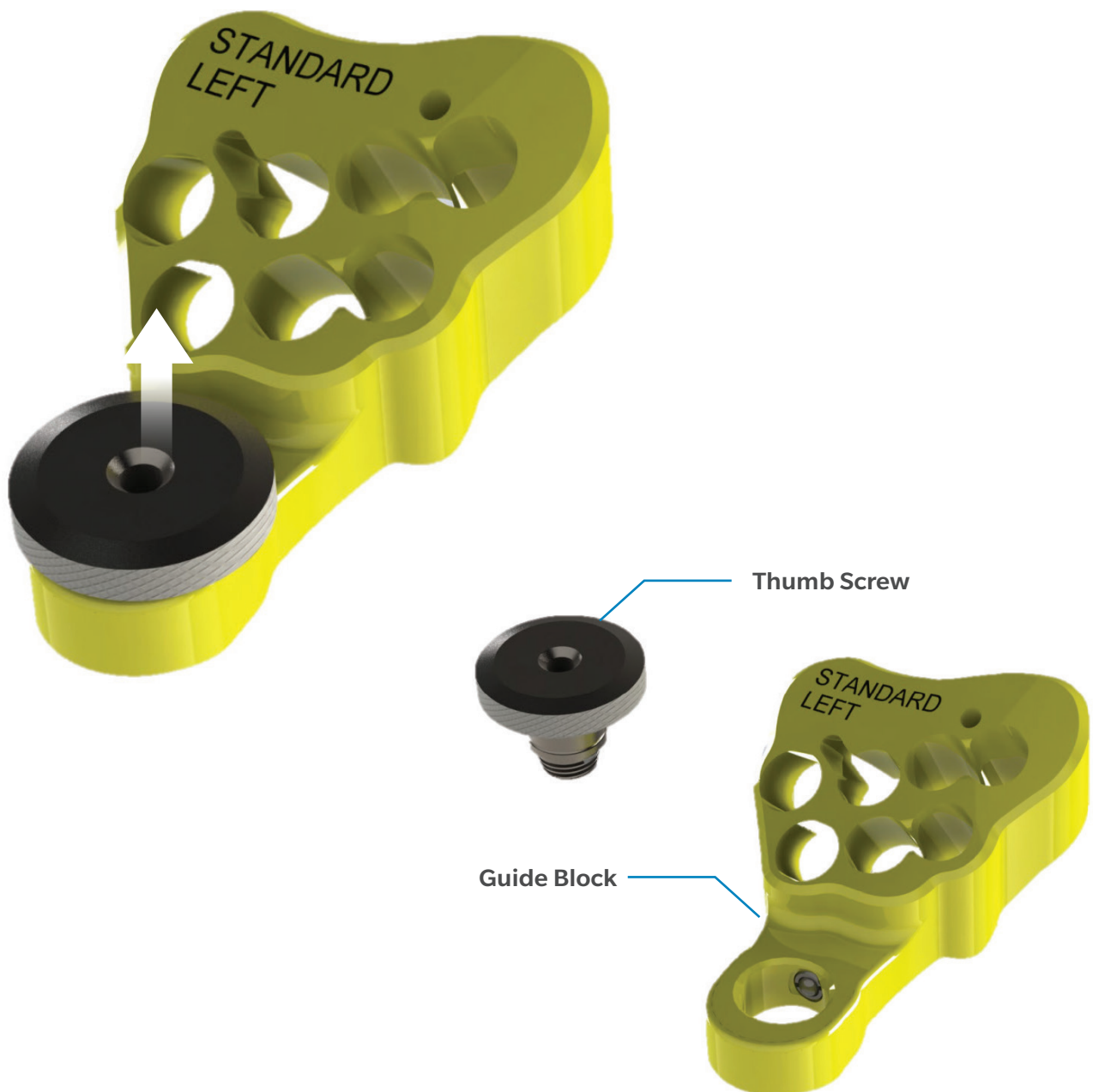
Drill Guide Block

See Index for list of applicable part numbers

Disassembly Instructions

1. Pull the thumb screw out from the guide block.
2. End of disassembly.

ⓘ **Note:** The Drill Guide Block must be fully disassembled for cleaning and steam sterilization.



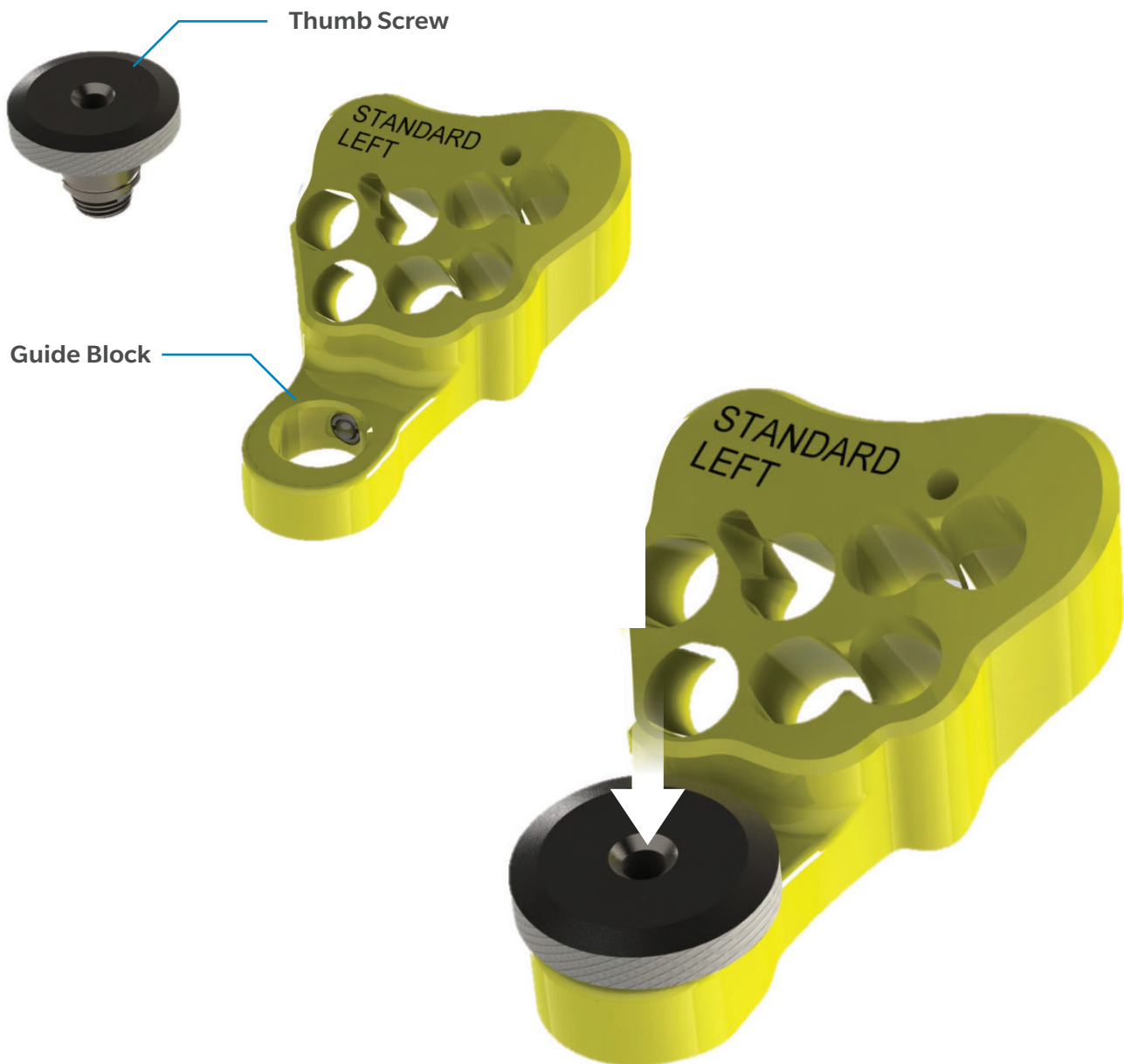
POSITIONING AND MEASURING INSTRUMENTS

Drill Guide Block

See Index for list of applicable part numbers

Assembly Instructions

1. Firmly press the thumb screw into the guide block.
2. End of assembly.



POSITIONING AND MEASURING INSTRUMENTS

Drill Guide for Angled Blade Plates

Part Number: 110.23.015

Disassembly Instructions

Assembly instructions in reverse order

1. Pull the spring pressure thrust piece until fully separated from the handle as shown in the disassembled state (Figure 2).
2. End of disassembly

Further disassembly is not necessary and may only be performed by the manufacturer during servicing.

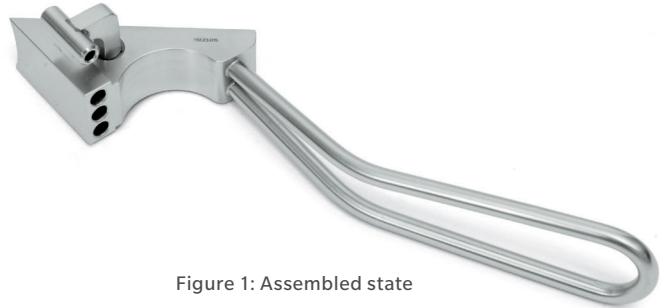


Figure 1: Assembled state

Spring pressure thrust piece

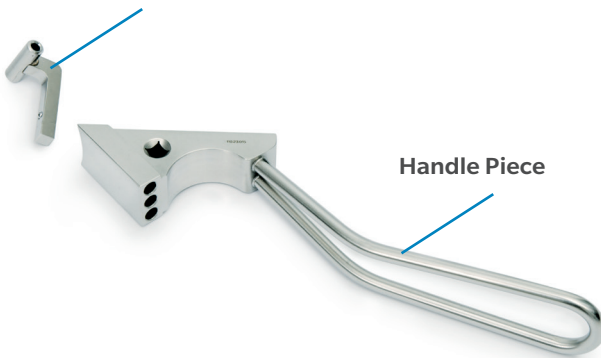
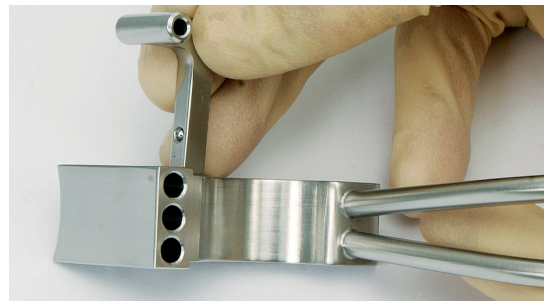


Figure 2: Disassembled state



POSITIONING AND MEASURING INSTRUMENTS

Drill Guide for Self-Compressing Plates

Part Number: 100.40.120, 100.40.127, 100.40.135, 100.40.145

Disassembly Instructions

Assembly instructions in reverse order

1. The drill guide should be disassembled for cleaning. Further disassembly beyond the instructions here is not necessary and may only be performed by the manufacturer during servicing.
2. Pull on the sleeves to disengage from the retaining plate as shown in disassembled state (Figure 2).



Figure 1: Assembled state



Retaining Plate



Figure 2: Disassembled state

POSITIONING AND MEASURING INSTRUMENTS

Flexion-First Balancing Instruments

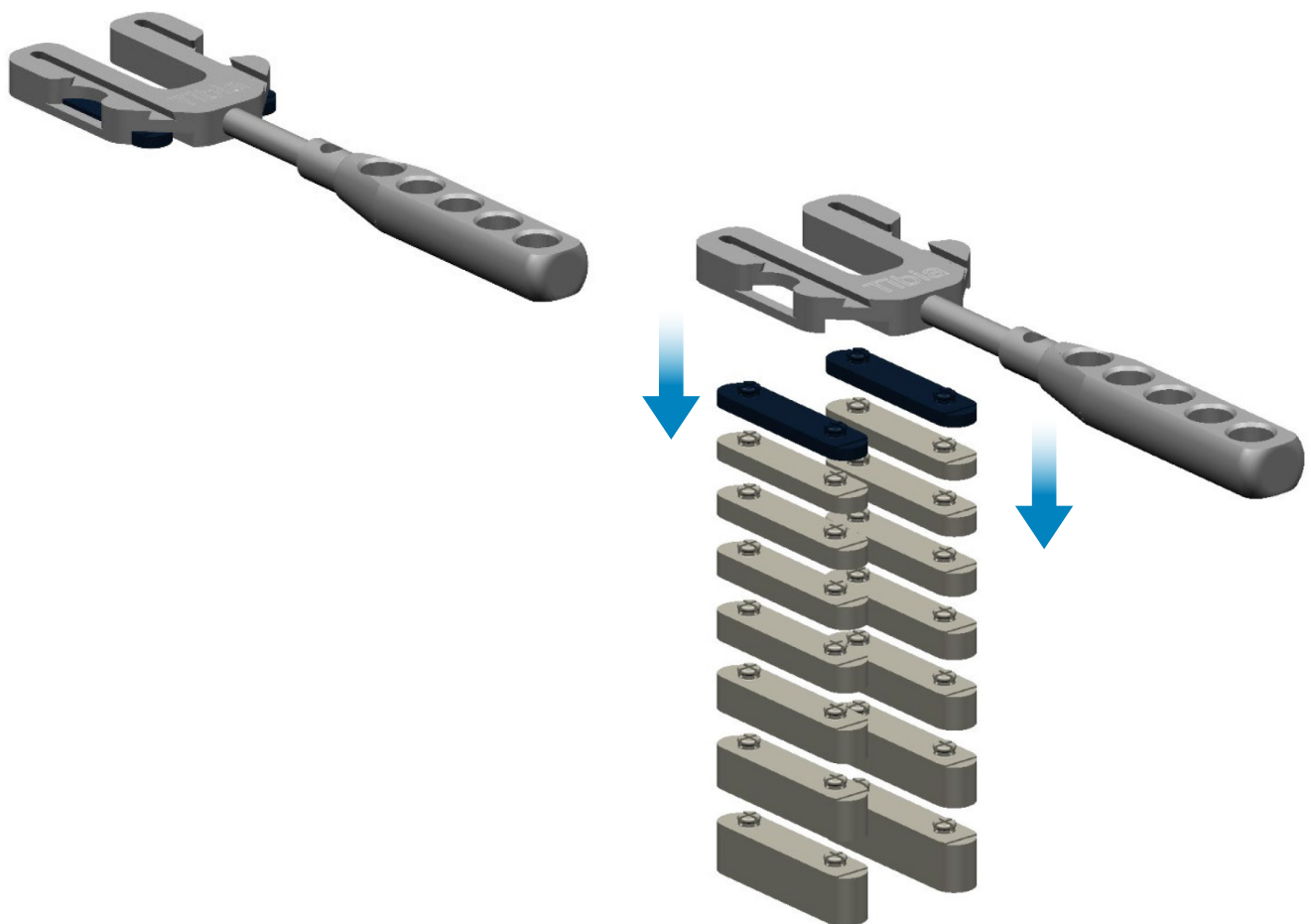
See Index for list of applicable part numbers

Disassembly Instructions

1. The spacers where there are in the thicknesses from 10mm to 20mm must always be disassembled from tibial distance plate.

2. End of disassembly.

ⓘ **Note:** The tibial distance plate. must be fully disassembled for cleaning and steam sterilization.



POSITIONING AND MEASURING INSTRUMENTS

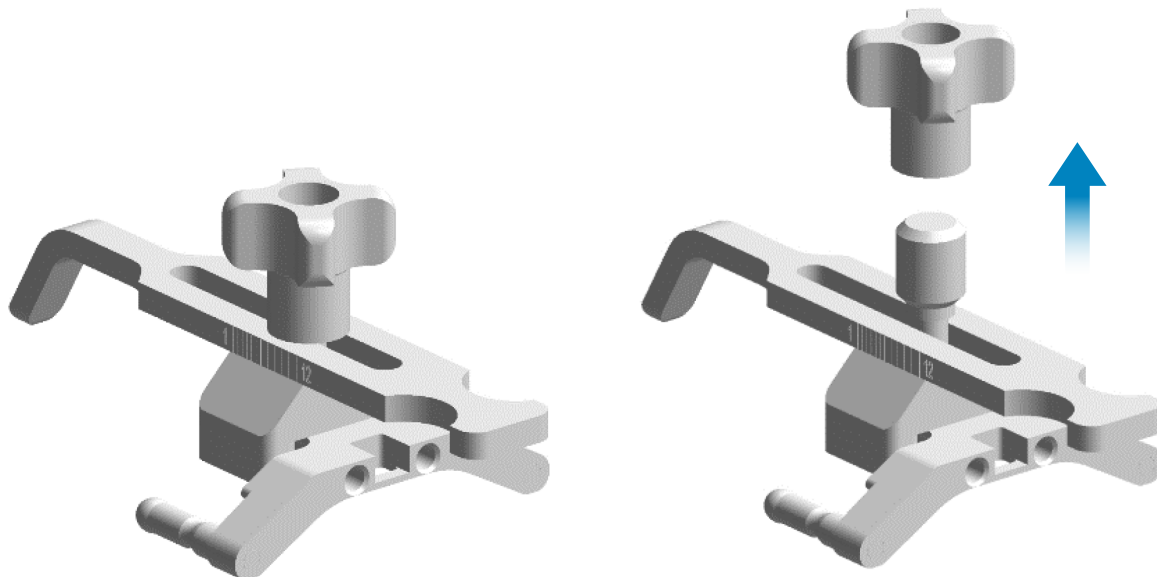
Flexion-First Balancing Instruments

See Index for list of applicable part numbers

Disassembly Instructions

1. The upper screw of the anterior femoral feeler must be completely unscrewed from the spindle for cleaning.
2. End of disassembly.

ⓘ **Note:** The anterior femoral feeler must be fully disassembled for cleaning.



POSITIONING AND MEASURING INSTRUMENTS

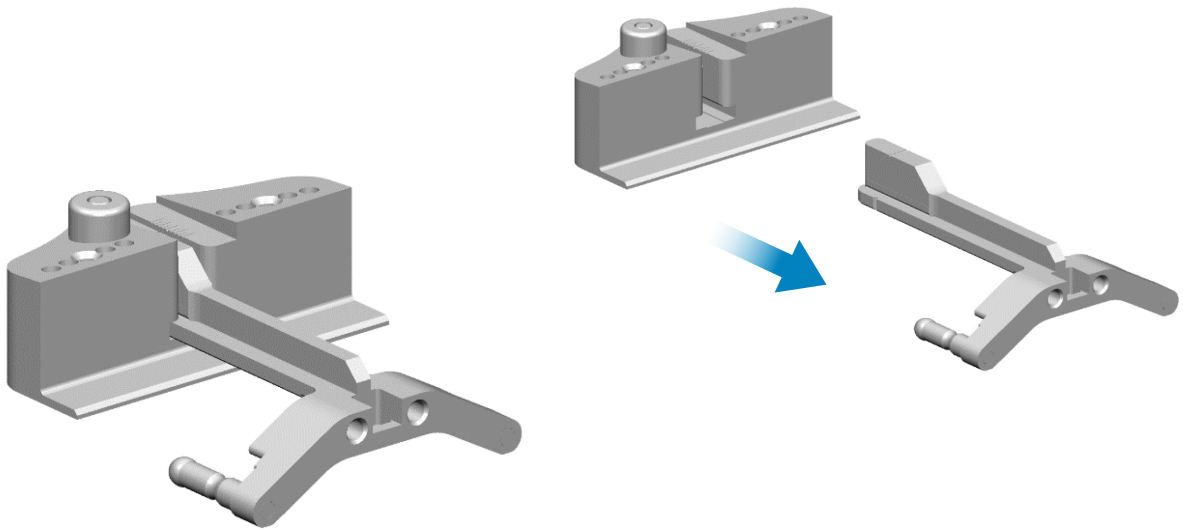
Flexion-First Balancing Instruments

See Index for list of applicable part numbers

Disassembly Instructions

1. Depress the release button of the distal cutting guide, base and pull the distal cutting guide out until fully released.
2. End of disassembly.

ⓘ **Note:** The distal cutting guide must be fully disassembled for cleaning and steam sterilization.



POSITIONING AND MEASURING INSTRUMENTS

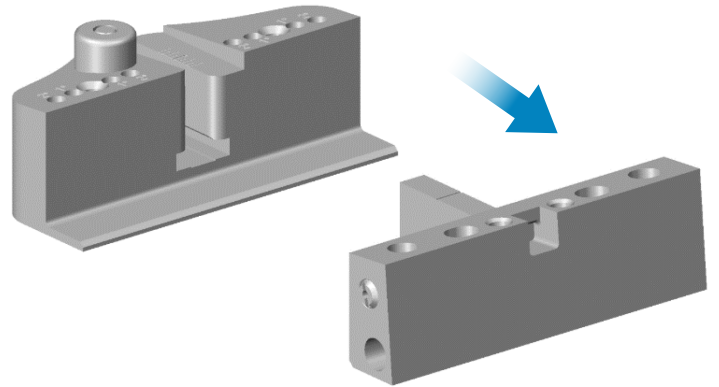
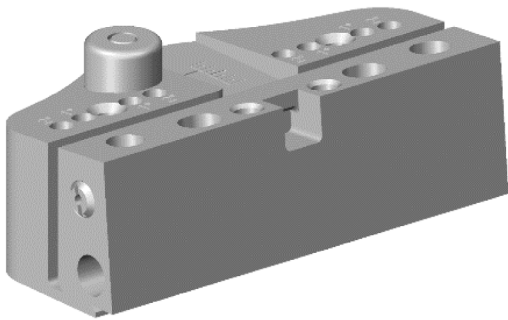
Flexion-First Balancing Instruments

See Index for list of applicable part numbers

Disassembly Instructions

1. Depress the release button of the distal cutting guide, base and pull the Distal cutting guide handle out until fully released.
2. End of disassembly.

ⓘ **Note:** The distal cutting guide must be fully disassembled for cleaning and steam sterilization.



POSITIONING AND MEASURING INSTRUMENTS

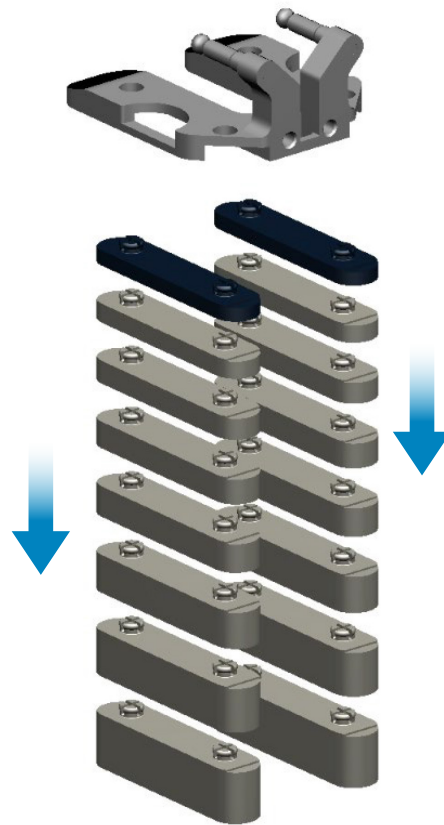
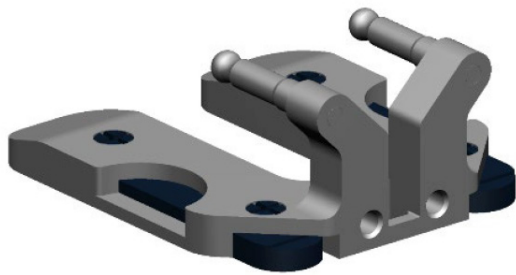
Flexion-First Balancing Instruments

See Index for list of applicable part numbers

Disassembly Instructions

1. The spacers where there are in the thicknesses from 10mm to 20mm must always be disassembled from femoral rotation guide.
2. End of disassembly.

ⓘ **Note:** The femoral rotation guide must be fully disassembled for cleaning and steam sterilization.



INSERTION, IMPACTION, AND EXTRACTION INSTRUMENTS

Guiding Device for MS-30 Stem

See Index for list of applicable part numbers

Assembly Instructions

Disassembly instructions in reverse order

1. Align the slot on the Handle with the Standard Bolt (in case of MS-30 stems with standard neck offset) or with the Lateral Bolt (in case of MS-30 lateral stems) as shown on Figure 1.
2. Hold the Bolt inside the Handle and the same time insert the Threaded Rod into the Handle. When the tip of the Threaded Rod reaches the Bolt, drive in the Threaded Rod into the threaded hole on the Bolt. This will keep the Bolt in place.
3. Align the Positioning Guide with the smallest diameter section of the Handle.
4. After aligning the Positioning Guide with the Handle, slide the Positioning guide onto the Handle in planned angular position as shown on Figure 4 and 5.
5. End of assembly. Figure 6 shows complete assembled Guiding Device for MS-30 Stem.

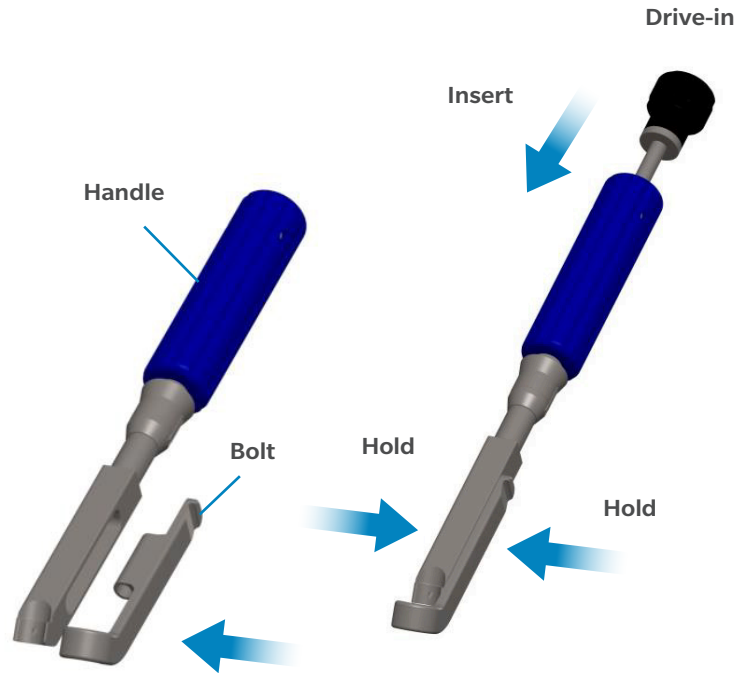


Figure 1

Figure 2

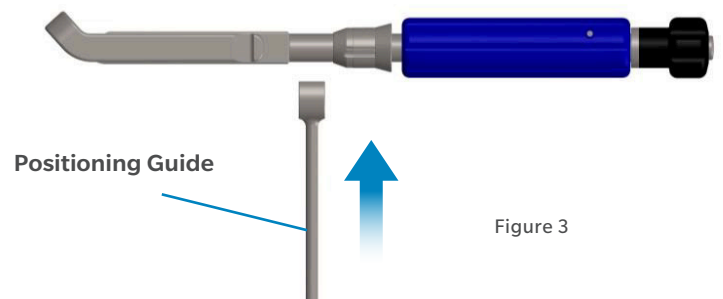


Figure 3

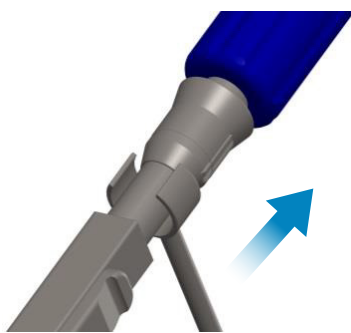


Figure 4



Figure 5

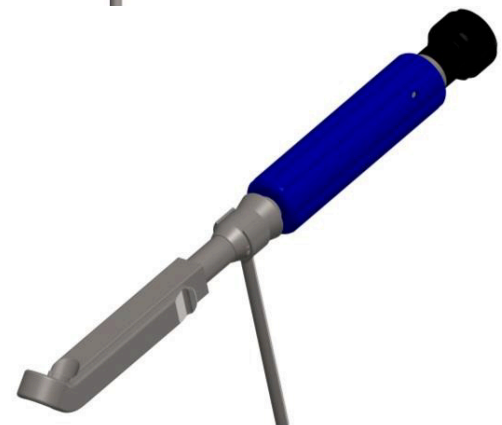


Figure 6

POSITIONING AND MEASURING INSTRUMENTS

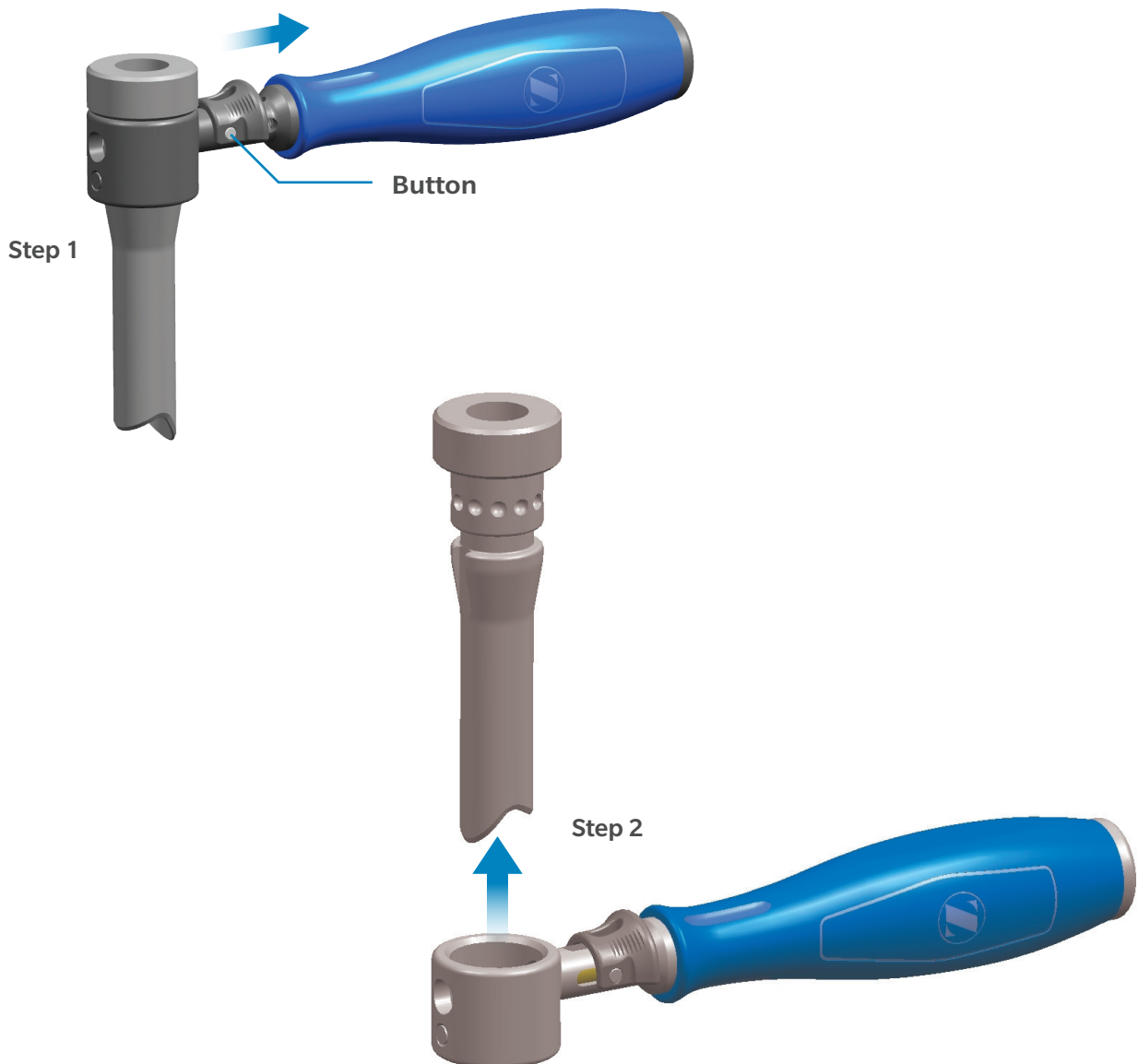
Locking Entry Cannula

Part Number: 00-2490-013-04

Disassembly Instructions

1. Push and hold down button.
2. Remove the sleeve from the blue handle.
3. End of disassembly.

ⓘ **Note:** The Locking Entry Cannula must be fully disassembled for cleaning and steam sterilization.



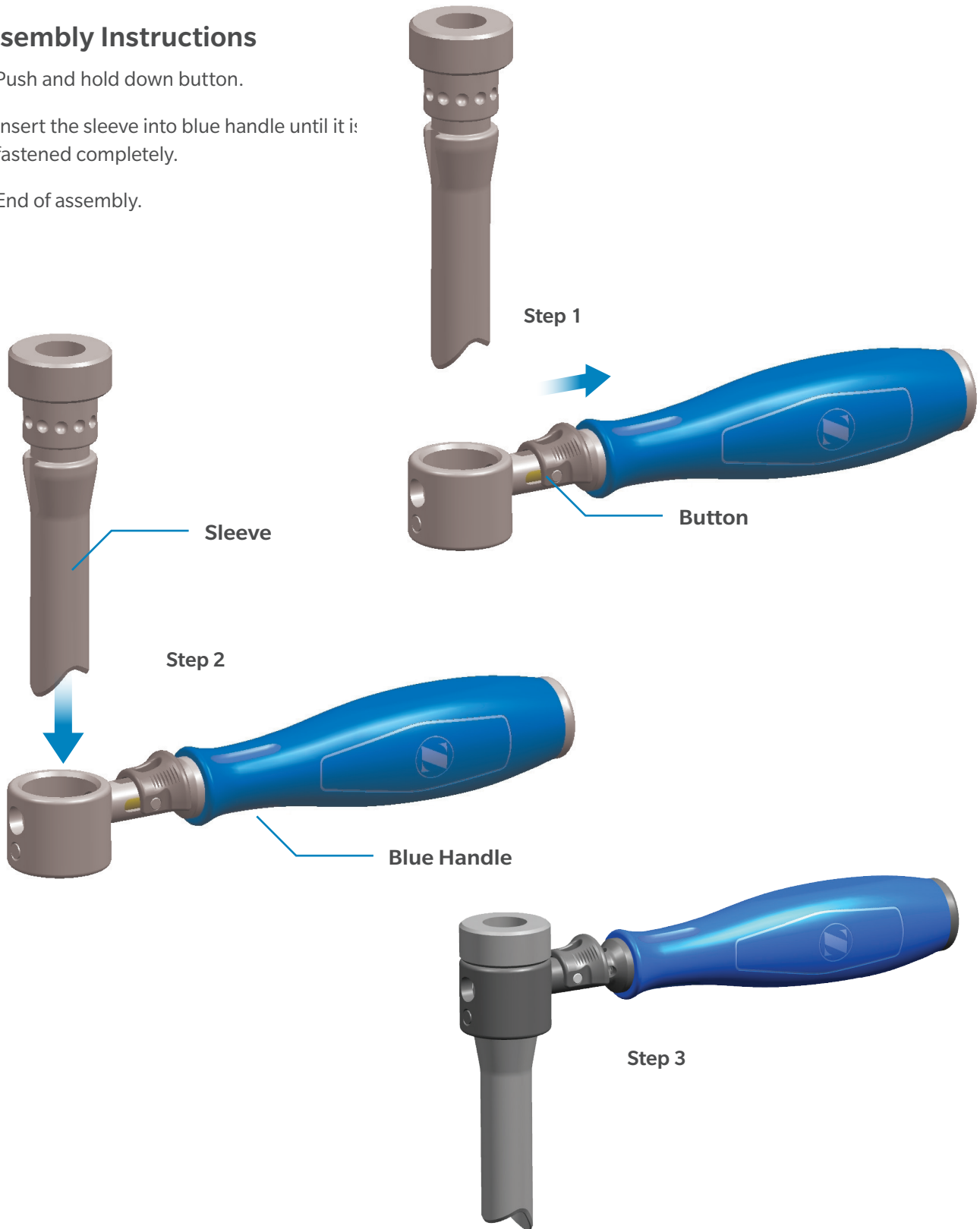
POSITIONING AND MEASURING INSTRUMENTS

Locking Entry Cannula

Part Number: 00-2490-013-04

Assembly Instructions

1. Push and hold down button.
2. Insert the sleeve into blue handle until it is fastened completely.
3. End of assembly.



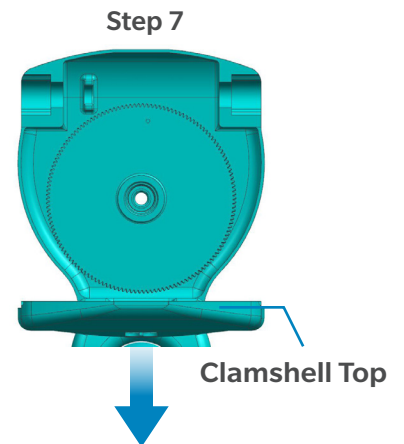
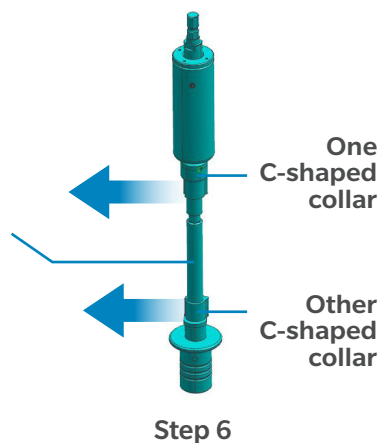
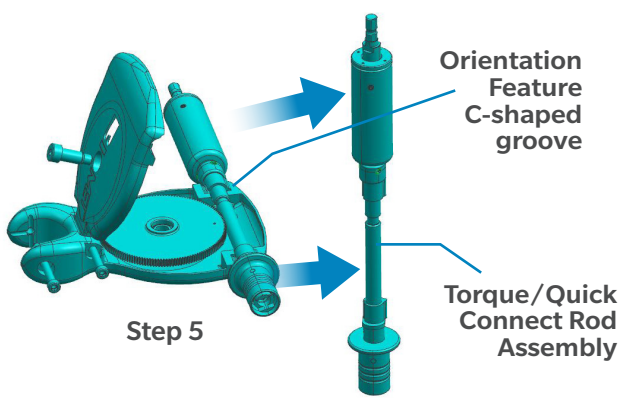
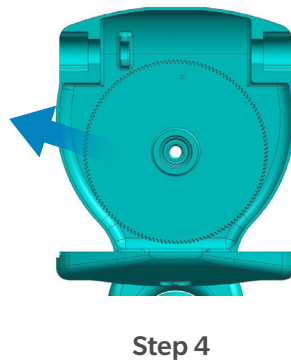
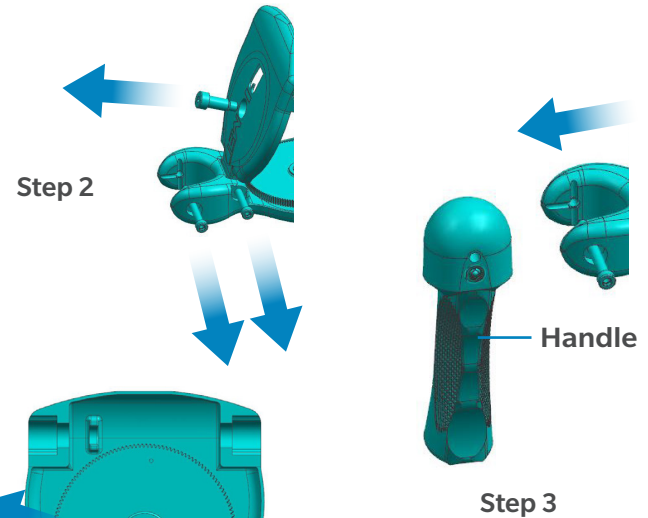
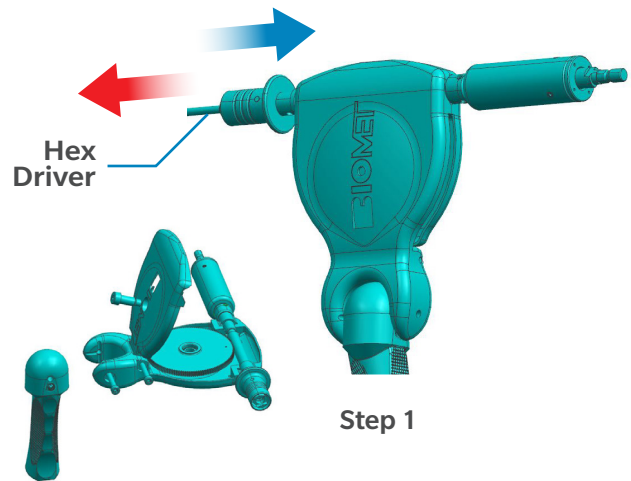
POSITIONING AND MEASURING INSTRUMENTS

OSS Distal Femoral Expandable - Counter Instrument

Part Number: CP4616366

Disassembly Instructions

1. If the hex driver is attached to the quick connect portion, pull the quick connect collar back and remove the modular expandable hex driver from the assembly.
2. Remove the 3 screws from the assembly using a 3.5mm hex driver (example part number CP461636).
3. Remove the handle from the assembly.
4. Remove the Tooth Counting Gear from the assembly. Note – there is an orienting feature (counter-bore) on the gear for later clamshell re-assembly.
5. Remove the Torque/Quick Connect Rod Assembly from the assembly. Note – there is an orienting feature (C-shaped groove) on the Clamshell Bottom for later clamshell re-assembly.
6. Remove the two polymer C-shaped Collars from the shaft of the Torque/Quick Connect Rod Assembly.
7. Remove the Clamshell Top from the assembly.
8. End of Disassembly



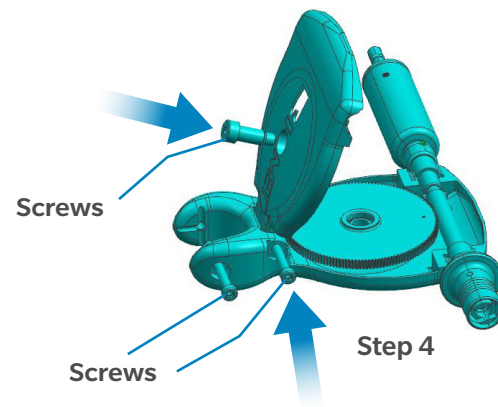
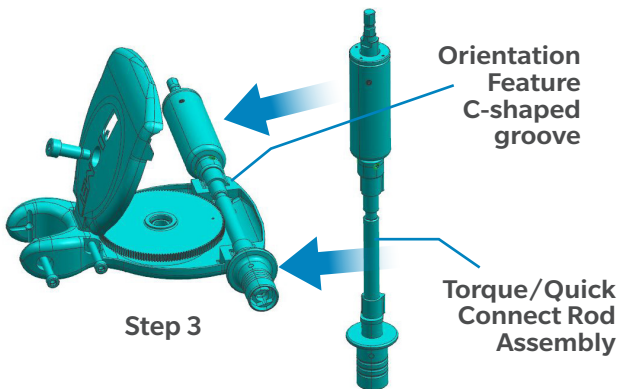
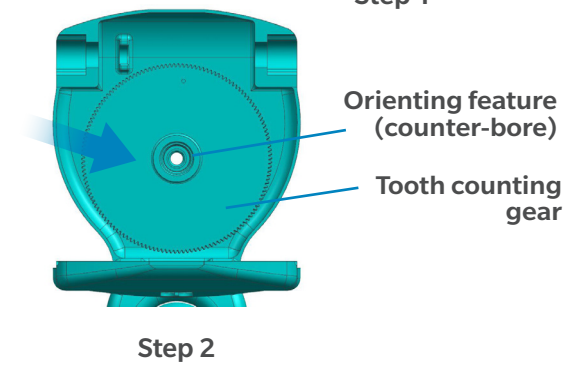
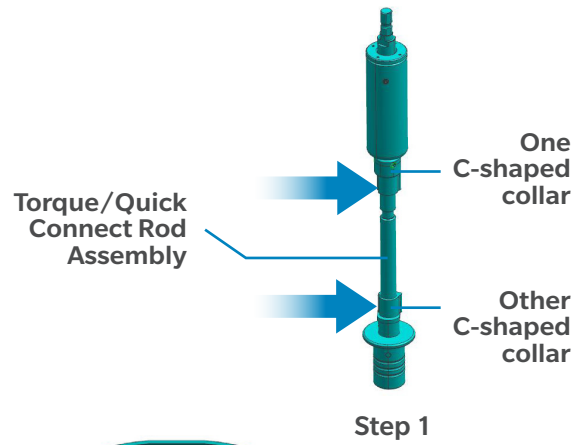
POSITIONING AND MEASURING INSTRUMENTS

OSS Distal Femoral Expandable - Counter Instrument

Part Number: CP4616366

Assembly Instructions

1. Slide the two polymer C-shaped Collars onto the shaft of the Torque/Quick Connect Rod Assembly.
2. Set the Tooth Counting Gear into the assembly. Note – there is an orienting feature (counter-bore) on the gear for clamshell re-assembly.
3. Set the Torque/Quick Connect Rod Assembly into the clamshell housing. Note – there is an orienting feature (C-shaped groove) on the Clamshell Bottom.
4. Thread two of the 3 screws into the assembly using a 3.5mm hex driver (example part number CP461636) to attach the top Clamshell plate.
5. Do not re-attach the handle for surgical use (for loaner shipping only).
6. End of assembly



POSITIONING AND MEASURING INSTRUMENTS

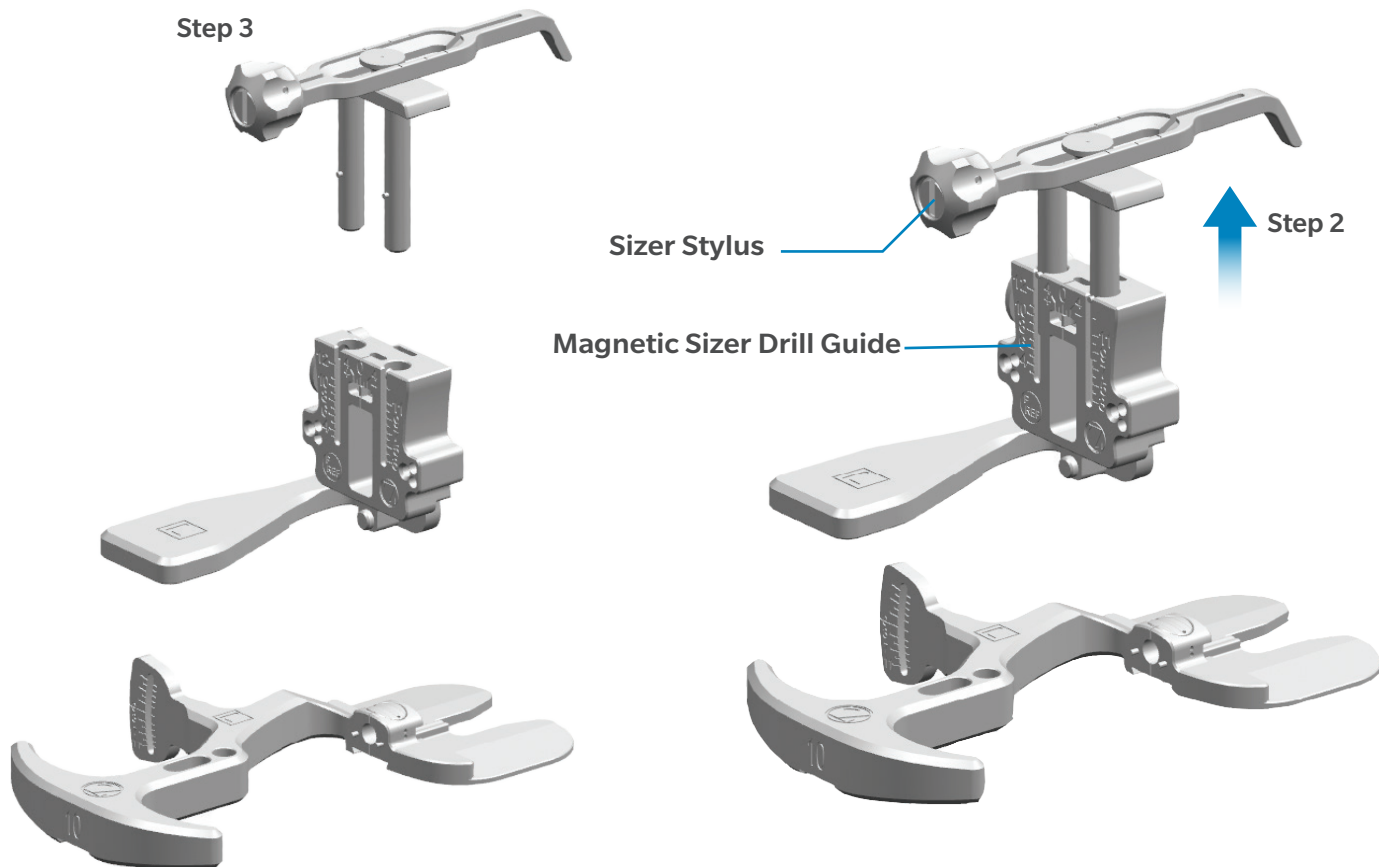
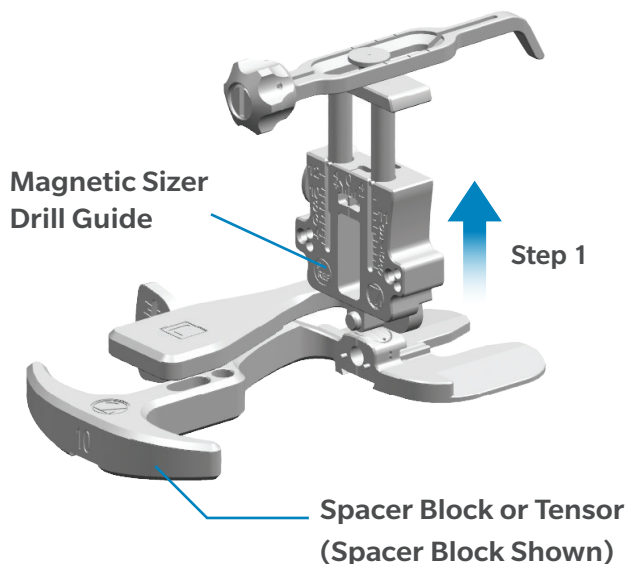
Posterior Referencing Sizer

See Index for list of applicable part numbers

Disassembly Instructions

1. Separate the magnetic sizer drill guide from the top surface of the spacer block or tensor.
2. Pull the posts of the sizer stylus up and out of the holes in the sizer drill guide until fully released.
3. End of disassembly.

ⓘ **Note:** The Posterior Referencing Sizer must be fully disassembled for cleaning and steam sterilization.



POSITIONING AND MEASURING INSTRUMENTS

Spacer Block Assemblies

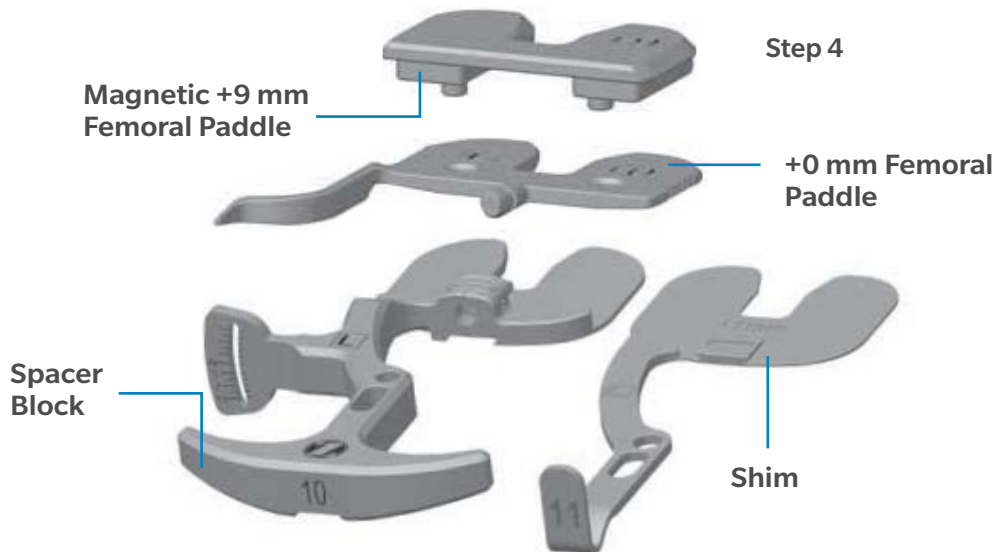
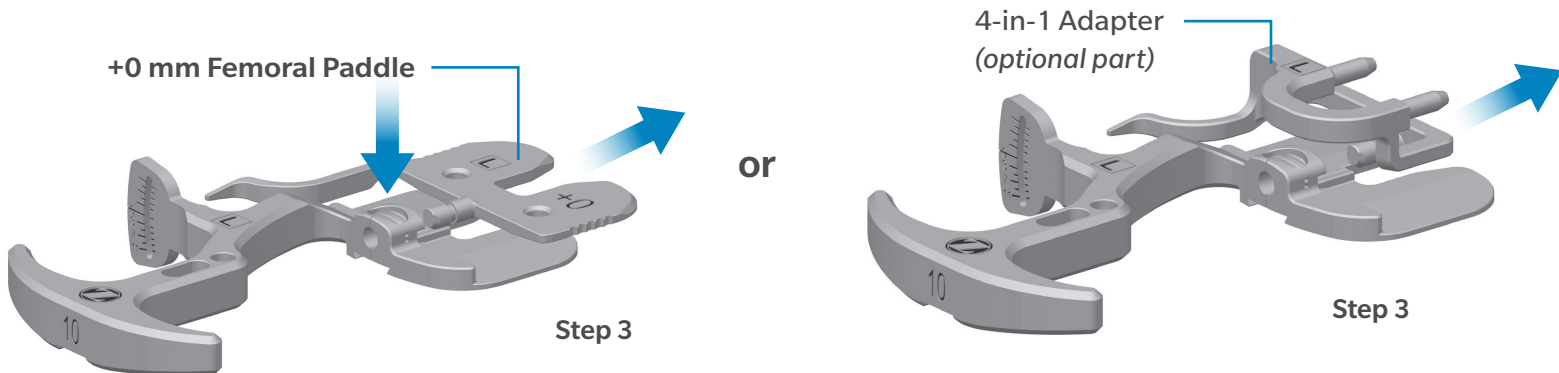
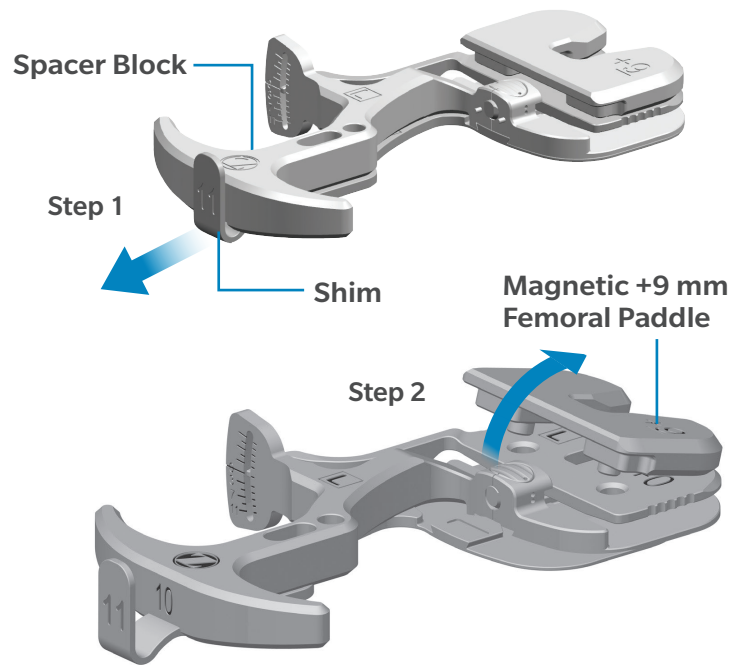
See Index for list of applicable part numbers

Disassembly Instructions

1. Pull the tab of the shim away from the magnetic handle of the spacer block until fully released.
2. Separate the magnetic +9 mm femoral paddle from the +0 mm femoral paddle.
3. Depress the release button of the spacer block and slide the +0 mm femoral paddle or 4-in-1 adapter until fully released.
4. End of disassembly.

Note: The 4-in-1 Adapter is an optional attachment to the spacer block.

Note: The Spacer Block Assemblies must be fully disassembled for cleaning and steam sterilization.



POSITIONING AND MEASURING INSTRUMENTS

Tensor Assemblies

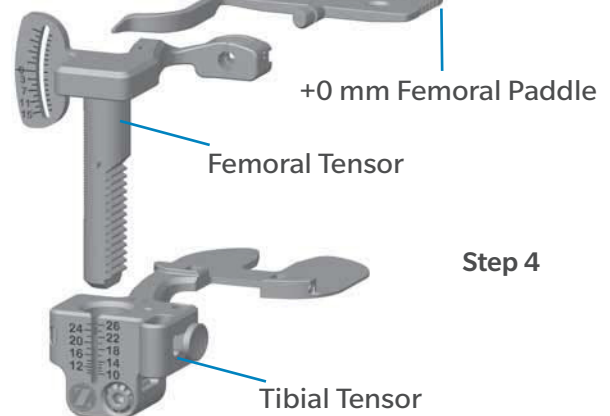
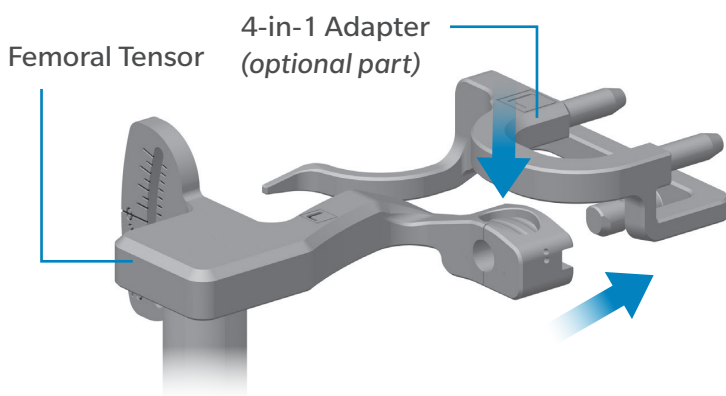
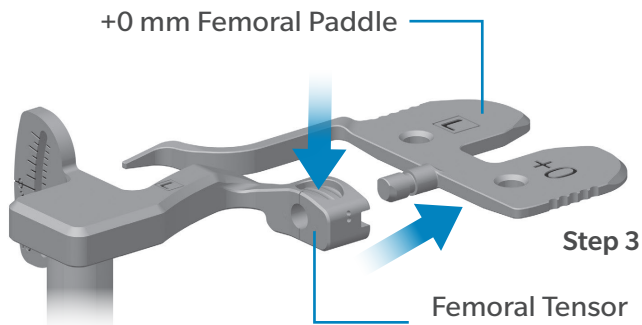
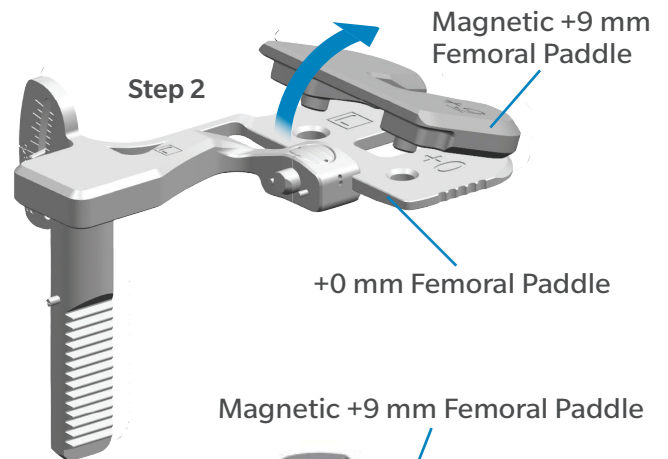
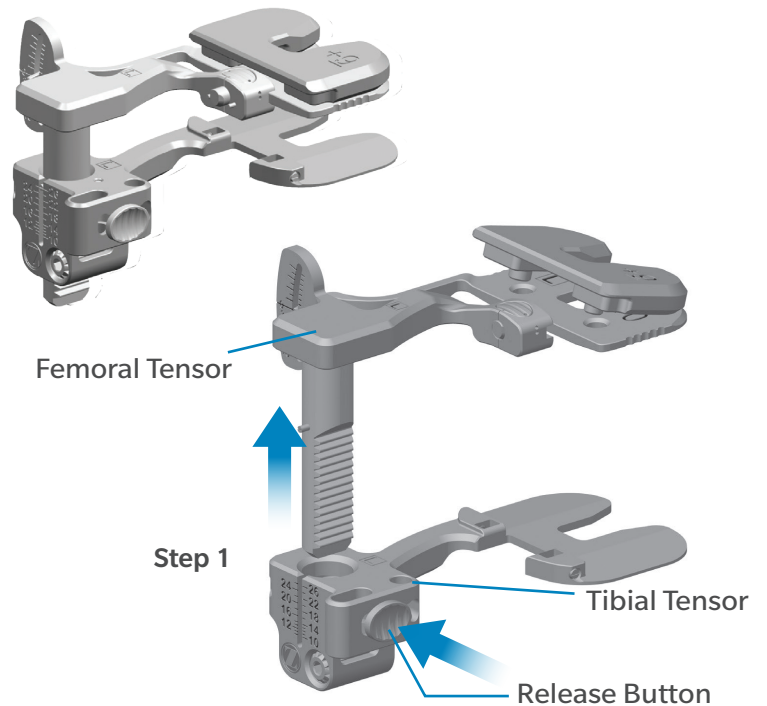
See Index for list of applicable part numbers

Disassembly Instructions

1. Depress the release button of the tibial tensor and pull the femoral tensor up until fully released.
2. Separate the magnetic +9 mm femoral paddle from the +0 mm femoral paddle.
3. Depress the release button of the femoral tensor and slide the +0 mm femoral paddle or 4-in-1 adapter until fully released.
4. End of disassembly.

Note: The 4-in-1 Adapter is an optional attachment to the femoral tensor.

Note: The Tensor Assemblies must be fully disassembled for cleaning and steam sterilization.



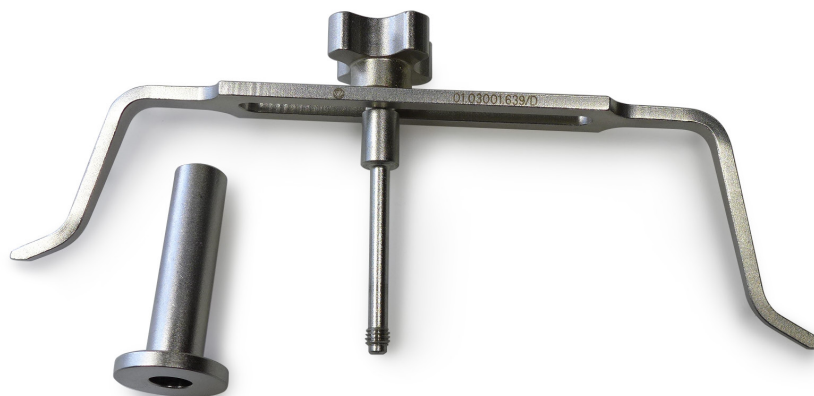
POSITIONING AND MEASURING INSTRUMENTS

Tibia Feeler Guide

Part Number: 01.03001.639

Disassembly Instructions

1. The tibia feeler should be disassembled disassembled as shown below for cleaning.



POSITIONING AND MEASURING INSTRUMENTS

INNEX Tibial Alignment Guide Distal

Part Number: 01.03001.727

Disassembly Instructions

1. The screws can be reassembled but the guide rods remain separated for sterilization.



Assembled Tibial alignment guide distal



Separate the two guide rods and remove both locking screws. No further disassembly is needed.

PROVISIONAL AND TRIALING INSTRUMENTS

Tibial Articular Surface Provisional (TASP)

See Index for list of applicable part numbers

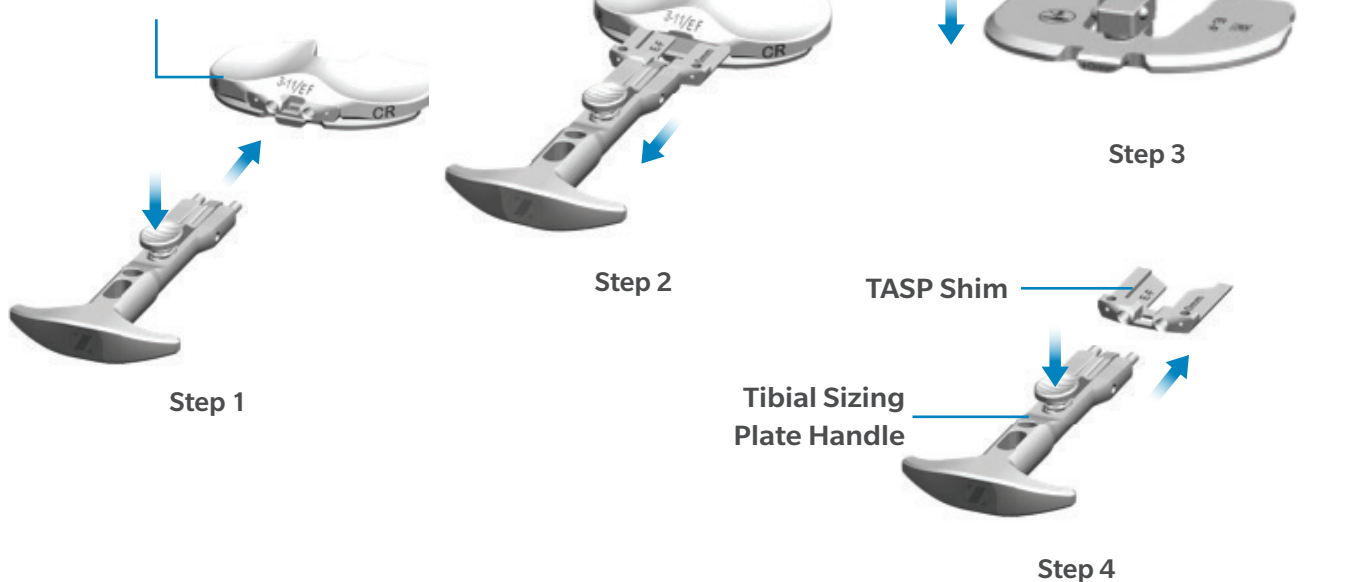
Disassembly Instructions

1. Insert tibial sizing plate handle into assembled TASP construct by depressing button and inserting into shim.
2. Remove the shim from the top and bottom by pulling the tibial sizing plate handle away from the assembled TASP Construct without depressing button. To avoid damage to the top and bottom, do not impact or apply twisting forces to the tibial sizing plate handle during shim removal.
3. Separate top from bottom.
4. Depress button on handle to separate handle from shim.
5. End of disassembly.

Note: The TASP must be fully disassembled for cleaning and steam sterilization.



Assembled TASP Construct



PROVISIONAL AND TRIALING INSTRUMENTS

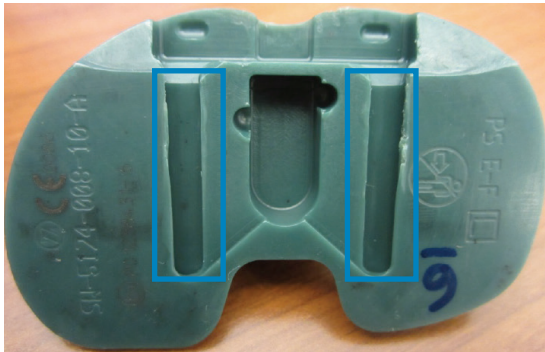
Tibial Articular Surface Provisional (TASP), cont.

See Index for list of applicable part numbers

Signs of Potential Mechanical Failure

Due to multiple reuse cycles, damage of the TASP components resulting in mechanical failure is possible. Upon disassembly, evaluate components for damage and preliminary signs of failure. If damage is noticed, do not use the device and contact your Zimmer Biomet representative for a replacement.

Below are preliminary signs of failure associated with the TASP as seen in internal testing.



TASP TOPS Deformation along edges of dovetail



TASP TOPS Cracks along length of dovetail



TASP BOTTOM Cracks/crazing along central post

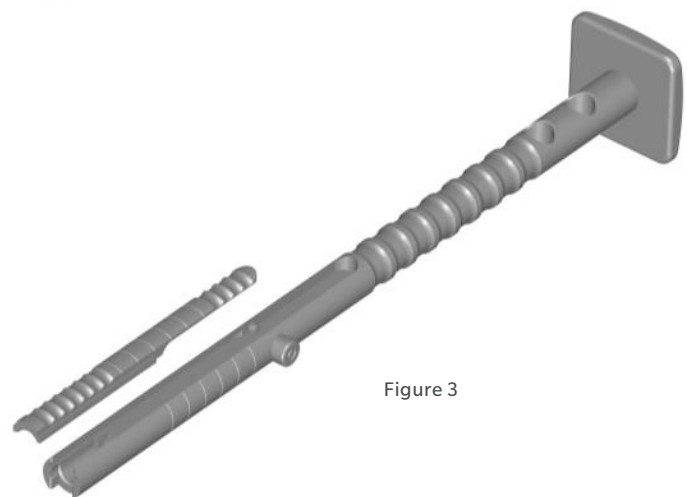
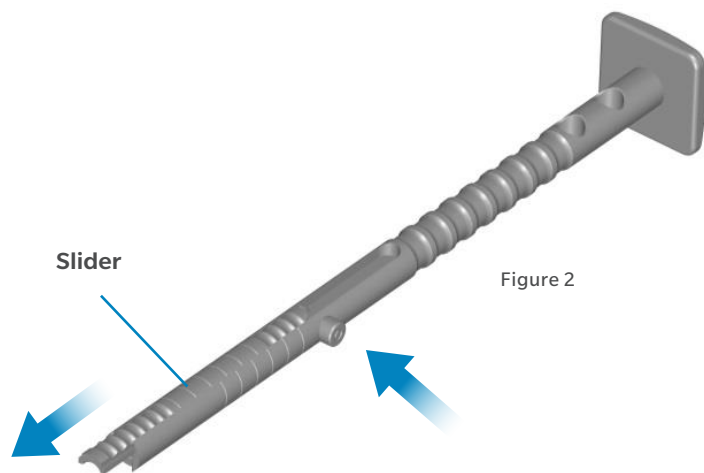
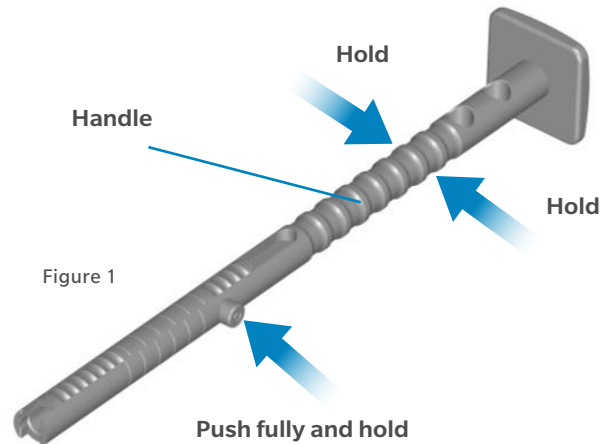
RASP HANDLE AND RASP HANDLE ACCESSORIES

Part Numbers: 01.00409.501, 01.00409.813

Disassembly Instructions

Assembly instructions in reverse order

1. Hold the Handle with one hand and press and hold the Locking Button fully (Figure 1).
2. While holding the Locking Button push out the Slider (Figure 2).
3. End of disassembly. Figure 3 shows the disassembled Rasp Adapter.



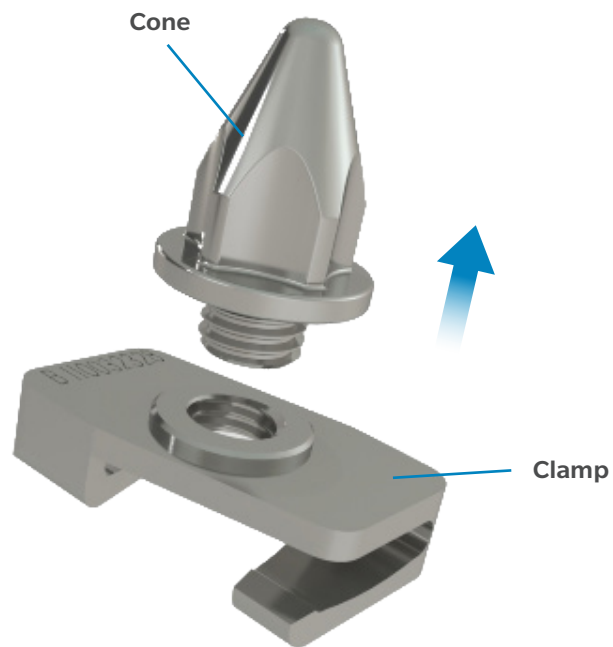
RETRACTORS AND RETAINERS

Anterior Hip Retaining Peg Clip Assembly

Part Number: 110032328

Disassembly Instructions

1. Unscrew the cone and fully remove from the clamp.
2. End of disassembly.



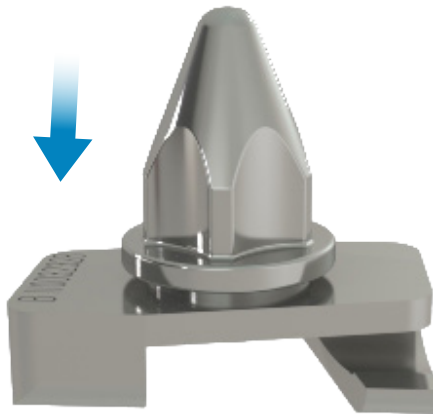
RETRACTORS AND RETAINERS

Anterior Hip Retaining Peg Clip Assembly

Part Number: 110032328

Assembly Instructions

1. Screw the cone back into the clamp.
2. End of assembly.



RETRACTORS AND RETAINERS

Anterior Hip Retractor Handle Length Extender

Part Numbers: 110032329

Disassembly Instructions

1. Unscrew the screw and fully remove from the extender arm.
2. End of disassembly.



RETRACTORS AND RETAINERS

Anterior Hip Retractor Handle Length Extender

Part Number: 110032329

Assembly Instructions

1. Screw the screw back into the extender arm.
2. End of assembly.



SCREWDRIVERS AND WRENCHES

Screwdrivers for Cervical Hip Screws

Part Number: 110.51.250

Disassembly Instructions

Assembly instructions in reverse order

1. Fully unthread the compression screw and remove
2. Unthread the locking screw from the screwdriver shaft and separate the locking screw from screwdriver shaft.
3. End of disassembly.

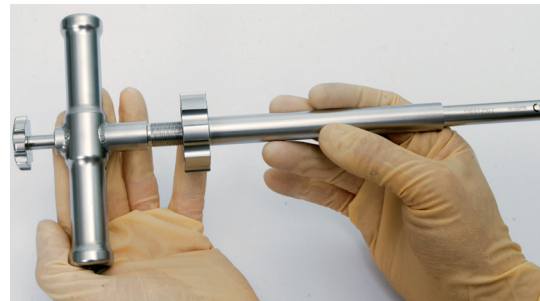
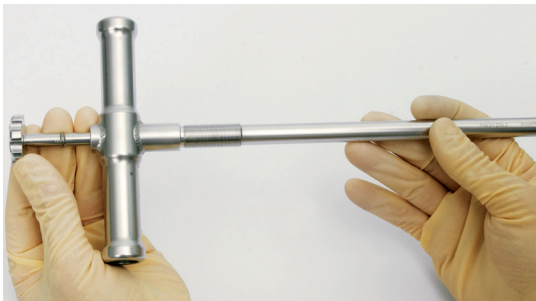
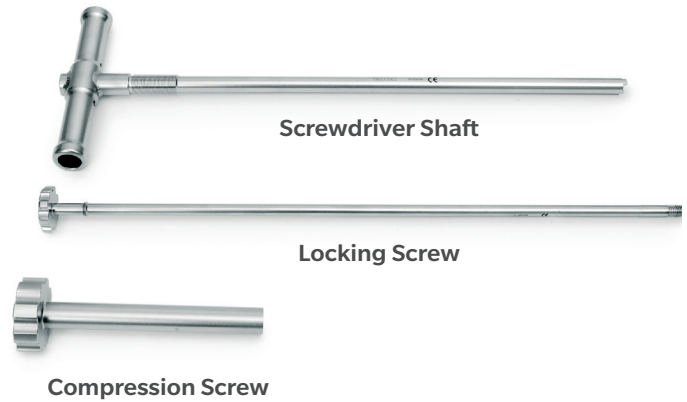


Figure 1

SCREWDRIVERS AND WRENCHES

Innex Screwdriver for Extension Stem

Part Number: 01.03001.575

Disassembly Instructions

1. The screwdriver for extension stem should be disassembled for cleaning as shown below.



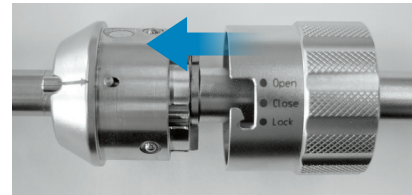
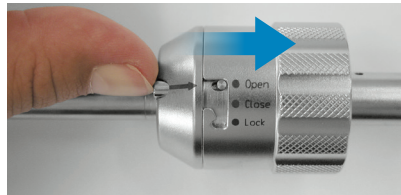
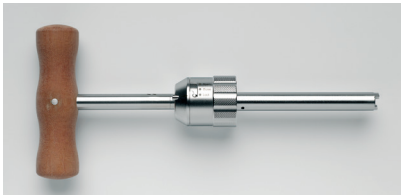
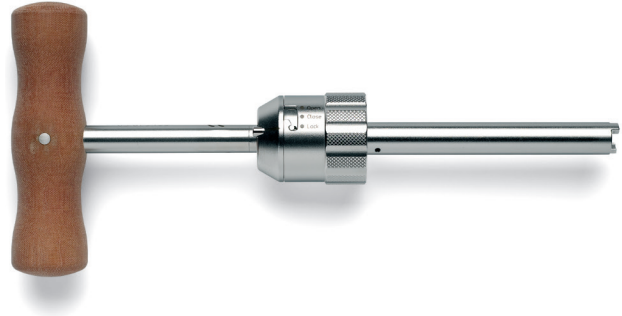
SCREWDRIVERS AND WRENCHES

Part Number: 01.00409.820

Disassembly Instructions

Assembly instructions in reverse order

1. Press the pin down with your finger. Turn from the “Lock” position to the “Open” position. Release the pin.
2. Pull the cap down. To close cap, push up again. Position “Open” on the pin position. Turn until the pin locks into the “Lock” position. Further disassembly of the instrument is not necessary and it may be performed only by the manufacturer during servicing.



Cutting And Drilling Instruments

Acetabular Drills

00-8000-214-00	ZCA ACETABULAR DRILL,6 MM	20-21
00-8000-215-00	ZCA ACETABULAR DRILL,13 MM	20-21
00-8000-216-00	ZCA ACETABULAR DRILL,10 MM	20-21

Anterior Hip Calcar Trimmers

110032331	CALCAR TRIMMER SHAFT FOR USE W BIOMET RASP	22-23
110032332	CALCAR TRIMMER SHAFT FOR USE W ZIMMER RASP	22-23
110032333	CALCAR TRIMMER HD LG ø46 mm	22-23
110032334	CALCAR TRIMMER HD MED ø42 mm	22-23
110032335	CALCAR TRIMMER HD SM ø38 mm	22-23

Bone Chisels

01.00533.021	ASYMMETRIC FLEXIBLE BONE CHISEL W5, L60	24
01.00533.022	ASYMMETRIC FLEXIBLE BONE CHISEL W5, L120	24
01.00533.023	ASYMMETRIC FLEXIBLE BONE CHISEL W5, L180	24
01.00533.031	ASYMMETRIC FLEXIBLE BONE CHISEL W9, L60	24
01.00533.032	ASYMMETRIC FLEXIBLE BONE CHISEL W 9, L120	24
01.00533.033	ASYMMETRIC FLEXIBLE BONE CHISEL W 9, L180	24
01.00533.041	ASYMMETRIC FLEXIBLE BONE CHISEL W13, L60	24
01.00533.042	ASYMMETRIC FLEXIBLE BONE CHISEL W13, L120	24
01.00533.043	ASYMMETRIC FLEXIBLE BONE CHISEL W13, L180	24
01.00533.061	METAL HANDLE FOR CHISEL	24

Calcar Planars

574777440	CALCAR PLANER BODY	25-26
574777441	CALCAR PLANER SPRING POST	25-26
574777442	CALCAR PLANER BLADE 38MM	25-26
574777443	CALCAR PLANER BLADE 42MM	25-26
574777444	CALCAR PLANER BLADE 46MM	25-26

Drill Chucks

02.00020.052	CHUCK 1.6/2.4MM	27
--------------	-----------------------	----

Dynesys Spacer Cutter

01.03799.020	DYNESYS SPACER CUTTER	28-29
--------------	-----------------------------	-------

Patella Drills

01.03001.627	PATELLA DRILL	30-31
--------------	---------------------	-------

Reamer and Reamer Handles

01.00209.036	DRIVE SHAFT FOR REAMER 260	32
01.00209.037	DRIVE SHAFT FOR REAMER 360	32
01.00209.401	REAMER HANDLE AO SHORT 4-STRUT	32
01.00209.402	REAMER HANDLE AO LONG 4-STRUT	32
01.00209.403	REAMER HNDL STRYKER SHORT 4STR.....	32
01.00209.404	REAMER HNDL STRYKER LONG 4STR.....	32

General Instrumentation

AO Collet Handle with Spin Grip

00-2366-015-00	AO COLLET HANDLE	4-5
----------------	------------------------	-----

Cable Tensioner and Tensioner Bit

00-2232-060-01	CABLE TENSIONER.....	6-7
00-2232-060-18	CABLE TENSIONER BIT STD LNG	6-7

Forceps

100.10.010	PELVIC REDUCTION FORCEPS.....	10
A0168F01	UPTION COMPLETE FEMORAL FORCEPS (OPTION)	8-9

Handles

00-8790-005-30	MODULAR TAP HANDLE.....	11-12
00-8790-010-00	STRAIGHT UNIVERSAL HANDLE	14-15
00-8401-002-00	T-HANDLE	18-19

Plate Bending

100.06.010	PLATE BENDING PRESS	13
------------	---------------------------	----

Suction Device

01.04239.850	AS SUCTION CUP FOR GLENOID HEAD	16-17
--------------	---------------------------------------	-------

Insertion, Impaction, and Extraction Instruments

Acetabular Impactors

31-158944	44MM OD MAGNUM ACET INSTR	33-34
31-158946	46MM OD MAGNUM ACET INSTR	33-34
31-158948	48MM OD MAGNUM ACET INSTR	33-34
31-158950	50MM OD MAGNUM ACET INSTR	33-34
31-158952	52MM OD MAGNUM ACET INSTR	33-34
31-158954	54MM OD MAGNUM ACET INSTR	33-34
31-158956	56MM OD MAGNUM ACET INSTR	33-34
31-158958	58MM OD MAGNUM ACET INSTR	33-34
31-158960	60MM OD MAGNUM ACET INSTR	33-34
31-158962	62MM OD MAGNUM ACET INSTR	33-34
31-158964	64MM OD MAGNUM ACET INSTR	33-34
31-158966	66MM OD MAGNUM ACET INSTR	33-34

Cup Impactors

31-600590	BALL IMPACTOR HANDLE.....	37
31-600591	BALL IMPACTOR 28 MM	37
31-600592	BALL IMPACTOR 32 MM	37
31-600593	BALL IMPACTOR 36 MM	37
31-601081	45° VERSION GUIDE.....	38
31-601587	EXCEED ABT SPRING LOADED IMPACTOR.....	35-36

Extractor with Sliding Hammer

01.06808.300	EXTRACTOR WITH SLIDING HAMMER	39
--------------	-------------------------------------	----

Head Adapter Extractor

01.00009.101	ADAPTER EXTRACTOR	40
--------------	-------------------------	----

Head Impactors

A0107001	IMPACTEUR DE TETE FEMORALE (FEMORAL HEAD IMPACTOR)	41-42
----------	--	-------

Humeral Cup Extractor

01.04239.320	AS INVERSE EXTRACTOR INSTRUMENT FOR HUMERAL CUP	43
--------------	---	----

Humeral Trial Extractor

72.01.00-02	AS HUMERAL PROVISIONAL EXTRACTOR.....	44-45
01.04236.115	AS FX EXTENSION ROD	44-45
01.04235.120	AS SLIDE HAMMER WEIGHT.....	44-45

Impactor/Extractor for Angled Blade Plates

110.23.050	IMPACTOR/EXTRACTOR, 130°	46
------------	--------------------------------	----

Kinectiv Hip Stem Extractor

01.00295.101 INTRAOP. KINECTIV EXTRACTION INSTR 47–48

Liner Inserters

00-6260-017-22 LINER INSERTER MECHANICAL 22 MM 49–50

00-6260-017-26 LINER INSERTER MECHANICAL 26 MM 49–50

00-6260-017-28 LINER INSERTER MECHANICAL 28 MM 49–50

00-6260-017-32 LINER INSERTER MECHANICAL 32 MM 49–50

00-6260-017-36 MECH LINER INSERTER 36 MM 49–50

00-6260-017-40 MECH LINER INSERTER 40 MM 49–50

Modular Femoral Stem Extractor

01.00209.810 CLAMPING CHUCK 8/10 51

01.00209.811 CLAMPING CHUCK 12/14 (SHORT) 51

110.45.030 CANNULATED RAM GUIDE 51

110.45.031 RAM 51

70.00.10 ARTICULATION 51

70.00.11 SCREW 51

70.02.20 KNOB 51

70.12.14 CLAMPING CHUCK 12/14 51

70.14.16 CLAMPING CHUCK 14/16 51

Monoblock Femoral Stem Extractor

110.45.030 CANNULATED RAM GUIDE 52

110.45.031 RAM 52

70.02.20 KNOB 52

70.22.00 TIGHTENING CLAMP MONOBLOCK SIZE 22 52

70.28.00 TIGHTENING CLAMP MONOBLOCK SIZE 28 52

70.32.00 TIGHTENING CLAMP MONOBLOCK SIZE 32 52

PerFuse Decompression Extractor Adaptor

800-0543 CORE DECOMP SLAP HAMMER ADAPTR 53–54

31-473621 SLIDE HAMMER W/THREADED TIP 53–54

PerFuse Decompression Handle

800-0544 PERFUSE STRIKE CAP SINGLE 55–56

800-0545 PERFUSE HANDLE ASSEMBLY 55–56

Plate and Nail Impactors

00-1193-006-00 IMPACTOR 57–58

00-1193-055-00 IMPACTOR 57–58

110.25.130 IMPACTOR FOR SCREW PLATE 59

Shoulder Assembly Adapter

01.04237.600 AS FX ADAPTER 60

Shoulder Impactors

01.04236.400 AS IMPACTOR..... 61

Staple Impactor

02.00023.110 IMPACTOR F STAPLES OBLI 1.8 26 62

02.00023.113 IMPACTOR FOR STAPLES 1.8 90 62

Stem Extractor Adaptor

7053 ADAPTER FOR STEM REMOVAL 63

Stem Extractor, Straight

01.00529.102 EXT INST, STRAIGHT 64

Stem Impactor/Extractor, Wagner SL and Wagner Cone

75.11.00-01 Stem Extractor, Wagner SL 62

01.00109.808 IMPACTOR..... 65

01.00569.011 WAGNER CONE PROX TRIAL EXTRACTOR..... 65

Stem Impactor, Wagner SL

75.11.00-01 WAGNER IMPACT/EXTRACT 66

Stem Inserters

31-600070 STRAIGHT STEM INSERTER HANDLE..... 67, 68

Modular Case Brackets and Accessories**Flexion-First Modular Case Brackets**

110043590 MOD BRKT FF FEMORAL SIZER 68,69

110043591 MOD BRKT FF INTRAMEDULLARY ROD 68,69

110043592 MOD BRKT FF DISTAL CUT HANDLE 68,69

110043593 MOD BRKT FF PRIMARY DISTAL CUT GUIDE 68,69

110043594 MOD BRKT FF DISTAL CUT GUIDE 68,69

110043595 MOD BRKT FF SHIFT BLOCK/PLATE 68,69

110043596 MOD BRKT FF SAW BLADE GUIDE 68,69

110043597 MOD BRKT PSN FF A-REF AP CUT BLOCK 68,69

110043598 MOD BRKT FF FEMORAL ANGLE GUIDE 68,69

110043599 MOD BRKT FF ANT FEELER GUIDE 68,69

110043600 MOD BRKT FF TIB SPACER PLATE 68,69

110043601 MOD BRKT FF SPACER..... 68,69

110043602 MOD BRKT FF FEMORAL ROT GUIDE..... 68,69

110043603 MOD BRKT FF FEMORAL SPACER PLATE..... 68,69

110043604 MOD BRKT FZN TENSOR FEMORAL ASSY 68,69

110043605	MOD BRKT FZN TENSOR TIB ASSY	68,69
110043606	MOD BRKT FF FEMORAL PADDLE.....	68,69
110043607	MOD BRKT HEX HEAD SCREWDRIVER.....	68,69
110043608	MOD BRKT FZN FEMORAL PADDLE.....	68,69
110043609	MOD BRKT FF CUT GUIDE ADAPTER	68,69
110043611	MOD BRKT FZN TENSOR FEMORAL ASSY	68,69
110043612	MOD BRKT FZN TENSOR TIB ASSY	68,69

Persona Modular Case Brackets

00-5907-071-00	PSN FULL SIZE SHELL	68,69
00-5907-071-02	PSN 1/2 SIZE SHELL.....	68,69
00-5907-071-04	PSN ¼ SIZE SHELL	68,69
00-5907-083-72	MOD BRKT PSN MC TASP L 4-9 CD	68,69
00-5907-083-73	MOD BRKT PSN MC TASP L 4-11 EF.....	68,69
00-5907-083-74	MOD BRKT PSN MC TASP L 8-12 GH	68,69
00-5907-083-75	MOD BRKT PSN MC TASP L 12J	68,69
00-5907-083-77	MOD BRKT PSN MC TASP R 4-9 CD.....	68,69
00-5907-083-78	MOD BRKT PSN MC TASP R 4-11 EF	68,69
00-5907-083-79	MOD BRKT PSN MC TASP R 8-12 GH.....	68,69
00-5907-083-80	MOD BRKT PSN MC TASP R 12J.....	68,69

Positioning and Measuring Instruments

Adjustable Bone Chisel Guide

110.23.030	CHISEL GUIDE	71
------------	--------------------	----

Alignment Spacer

01.03003.713	ALIGNMENT SPACER.....	72
--------------	-----------------------	----

Cup Alignment Adaptor

01.00219.770	Cup Sleeve with A-Frame Connection	73
--------------	--	----

Depth Gauges

00-2360-040-35	3.5/2.7 MM LOCKING SCREW STANDARD DEPTH GAUGE	74,75
00-2490-065-85	RETROGRADE FEMUR DEPTH GAUGE	76,77
00-4810-002-01	SMALL DEPTH GAUGE 60 MM	78,79
35-000099	BIOMET LARGE DEPTH GAUGE	80,81
7936	DEPTH GAUGE ALLOFIT	82,83

Depth Gauges (Type 1)

02.00020.048	MEASURING DEVICE FOR LOCKING SCREWS	84
02.00023.080	DEPTH GAUGE FOR DBL THR COMPR SCREWS.....	84

Depth Gauges (Type 2)

100.90.110	MALLET 100 G	84
100.90.020	DEPTH GAUGE, SMALL Ø 2.7 - 4.0 L60.....	84
100.90.025	DEPTH GAUGE Ø3.5 - 4.0 L110.....	84
100.90.030	DEPTH GAUGE, LARGE Ø4.5 - 6.5 L110.....	84
110.45.090	MEASURING DEVICE.....	84
110.51.275	INTRASYS MEASURING DEVICE FOR LOCKING SCREWS	84
02.00024.005	NCB DEPTH GAUGE FOR SCREWS L110	84
02.00024.006	NCB - DF DEPTH GAUGE L110.....	84
02.00024.007	NCB - PT DEPTH GAUGE L110	84
02.00024.214	NCB - PH MEASURING DEVICE L70	84
02.00024.216	NCB - PH SMALL DEPTH GAUGE FOR SCREWS Ø3.5	84

Drill Guide Blocks

00-2366-099-01	DRILL GUIDE BLOCK RTN SCREW	85, 86
00-2366-099-50	NARROW DRILL GUIDE BLOCK LEFT.....	85, 86
00-2366-099-51	NARROW DRILL GUIDE BLOCK RIGHT	85, 86
00-2366-099-52	STD. DRILL GUIDE BLOCK LEFT	85, 86
00-2366-099-53	STD. DRILL GUIDE BLOCK RIGHT.....	85, 86
00-2366-099-54	WIDE DRILL GUIDE BLOCK LEFT	85, 86
00-2366-099-55	WIDE DRILL GUIDE BLOCK RIGHT	85, 86

Drill Guide for Angled Blade Plates

110.23.015	TRIPLE DRILL GUIDE FOR 130° ANG BLD PLATES.....	87
------------	---	----

Drill Guide for Self-Compressing Plates

100.40.120	DRILL GUIDE 1.5	88
100.40.127	DRILL GUIDE 2.0	88
100.40.135	DRILL GUIDE 2.5	88
100.40.145	DRILL GUIDE 3.2	88

Flexion-First Balancing Instruments

110040837	DISTAL CUTTING GUIDE HANDLE	89–93
110040838	DISTAL CUTTING GUIDE, BASE.....	89–93
110040839	DISTAL CUTTING GUIDE.....	89–93
110040859	ANTERIOR FEMORAL FEELER.....	89–93
110040860	FEMORAL ROTATION GUIDE	89–93
110040861	SPACER, 11 MM	89–93

110040862	SPACER, 12 MM	89-93
110040863	SPACER, 13 MM	89-93
110040864	SPACER, 14 MM	89-93
110040865	SPACER, 16 MM	89-93
110040866	SPACER, 18 MM	89-93
110040867	SPACER, 20 MM	89-93
110040870	TIBIAL DISTANCE PLATE	89-93
110040926	SPACER, 10 MM	89-93

Guiding Device for MS-30 Stem

01.00359.301	MS-30 BOLT FOR GUIDING DEVICE (FOR LATERAL STEMS).....	94
72.00.94-01	MS-30 HDL FOR GUIDING DEVICE	94
72.00.94-02	MS-30 THRD ROD FOR GUIDINGDEVICE.....	94
72.00.94-03	MS-30 BOLT FOR GUIDING DEVICE (FOR STANDARD STEMS).....	94
72.00.94-04	MS-30 POSITIONING GD FOR GUIDING DEVICE	94

Locking Entry Cannula

00-2490-013-04	LOCKING ENTRY CANNULA	95,96
----------------	-----------------------------	-------

OSS Distal Femoral Expandable - Counter Instrument

CP461636	SIDE EXPAND 142 REV COUNTER.....	97,98
----------	----------------------------------	-------

Posterior Referencing Sizer

42-5097-011-00	FUZION SPACER LEFT	99
42-5097-012-00	FUZION SPACER RIGHT	99
42-5097-021-00	FUZION TENSOR L FEM ASSY	99
42-5097-022-00	FUZION TENSOR R FEM ASSY.....	99
42-5097-060-10	FUZION P-REF SIZER STYLUS.....	99
42-5097-061-00	FUZION P-REF SIZER DR GDE L.....	99
42-5097-062-00	FUZION P-REF SIZER DR GDE R	99

Spacer Block Assemblies

42-5097-011-11	FUZION SPACER SHIM L 11 MM	100
42-5097-011-20	FUZION SPACER SHIM L 20 MM.....	100
42-5097-012-11	FUZION SPACER SHIM R 11 MM.....	100
42-5097-012-20	FUZION SPACER SHIM R 20 MM	100
42-5097-031-00	FUZION +0 MM FEM PADDLE L.....	100
42-5097-032-00	FUZION +0 MM FEM PADDLE R.....	100

Tensor Assemblies

42-5097-021-00	FUZION TENSOR L FEM ASSY	101
42-5097-021-01	FUZION TENSOR L TIB ASSY	101
42-5097-022-00	FUZION TENSOR R FEM ASSY	101
42-5097-022-01	FUZION TENSOR R TIB ASSY	101
42-5097-030-09	FUZION +9 MM FEM PADDLE	101
42-5097-031-00	FUZION +0 MM FEM PADDLE L	101
42-5097-032-00	FUZION +0 MM FEM PADDLE R	101
42-5097-041-00	FUZION 4-IN-1 ADPT L	101
42-5097-042-00	FUZION 4-IN-1 ADPT R	101

Tibial Alignment Guide

01.03001.727	TIBIAL ALIGNMENT GUIDE DISTAL	103
--------------	-------------------------------------	-----

Tibial Feeler Guide

01.03001.639	TIBIAL FEELER	102
--------------	---------------------	-----

Provisional and Trialing Instruments**Tibial Articular Surface Provisional (TASP)**

42-5279-001-00	PSN CONST TASP SHIM AB 10 MM	104, 105
42-5279-001-01	PSN CONST TASP SHIM AB 11 MM	104, 105
42-5279-001-02	PSN CONST TASP SHIM AB 12 MM	104, 105
42-5279-001-03	PSN CONST TASP SHIM AB 13 MM	104, 105
42-5279-001-04	PSN CONST TASP SHIM AB 14 MM	104, 105
42-5279-002-00	PSN CONST TASP SHIM CD 10 MM	104, 105
42-5279-002-02	PSN CONST TASP SHIM CD 12 MM	104, 105
42-5279-002-04	PSN CONST TASP SHIM CD 14 MM	104, 105
42-5279-003-00	PSN A/S PROV SHIM, 10 MM CD	104, 105
42-5279-003-01	PSN A/S PROV SHIM, 11 MM CD	104, 105
42-5279-003-02	PSN A/S PROV SHIM, 12 MM CD	104, 105
42-5279-003-03	PSN A/S PROV SHIM, 13 MM CD	104, 105
42-5279-003-04	PSN A/S PROV SHIM, 14 MM CD	104, 105
42-5279-004-00	PSN CONST TASP SHIM EF 10 MM	104, 105
42-5279-004-02	PSN CONST TASP SHIM EF 12 MM	104, 105
42-5279-004-04	PSN CONST TASP SHIM EF 14 MM	104, 105
42-5279-005-00	PSN A/S PROV SHIM, 10 MM EF	104, 105
42-5279-005-01	PSN A/S PROV SHIM, 11 MM EF	104, 105
42-5279-005-02	PSN A/S PROV SHIM, 12 MM EF	104, 105
42-5279-005-03	PSN A/S PROV SHIM, 13 MM EF	104, 105
42-5279-005-04	PSN A/S PROV SHIM, 14 MM EF	104, 105
42-5279-006-00	PSN CONST TASP SHIM GH 10 MM	104, 105
42-5279-006-02	PSN CONST TASP SHIM GH 12 MM	104, 105

42-5279-006-04	PSN CONST TASP SHIM GH 14 MM.....	104, 105
42-5279-007-00	PSN A/S PROV SHIM, 10 MM GH	104, 105
42-5279-007-01	PSN A/S PROV SHIM, 11 MM GH	104, 105
42-5279-007-02	PSN A/S PROV SHIM, 12 MM GH	104, 105
42-5279-007-03	PSN A/S PROV SHIM, 13 MM GH	104, 105
42-5279-007-04	PSN A/S PROV SHIM, 14 MM GH	104, 105
42-5279-008-00	PSN CONST TASP SHIM J 10 MM.....	104, 105
42-5279-008-01	PSN CONST TASP SHIM J 11 MM	104, 105
42-5279-008-02	PSN CONST TASP SHIM J 12 MM.....	104, 105
42-5279-008-03	PSN CONST TASP SHIM J 10 MM.....	104, 105
42-5279-008-04	PSN CONST TASP SHIM J 14 MM.....	104, 105
42-5279-009-00	PSN A/S PROV SHIM, 10 MM J	104, 105
42-5279-009-01	PSN A/S PROV SHIM, 11 MM J.....	104, 105
42-5279-009-02	PSN A/S PROV SHIM, 12 MM J	104, 105
42-5279-009-03	PSN A/S PROV SHIM, 13 MM J	104, 105
42-5279-009-04	PSN A/S PROV SHIM, 14 MM J	104, 105

Rasp Handles and Rasp Handle Accessories

01.00409.501	RASP ADAPTER W LENGTH MARK.....	106
01.00409.813	REVITAN IMT RASP ADAPTER.....	106

Retractors and Retainers

Anterior Hip Retaining Peg Clip Assembly

110032328	RETAINING PEG CLIP ASSEMBLY	107, 108
-----------	-----------------------------------	----------

Anterior Hip Retractor Handle Length Extender

110032329	RETRACTOR HANDLE EXTENDER	109, 110
-----------	---------------------------------	----------

Screwdrivers and Wrenches

110.51.250	INTRASYS SCRDRVR F. CERV SCRS	111
01.00409.820	MOD COUPLING DEVICE FTARG MOD	113
01.03001.575	INNEX SCREWDRIVER FOR STEM EXT.....	114


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