

Instrument Disassembly and Assembly Manual



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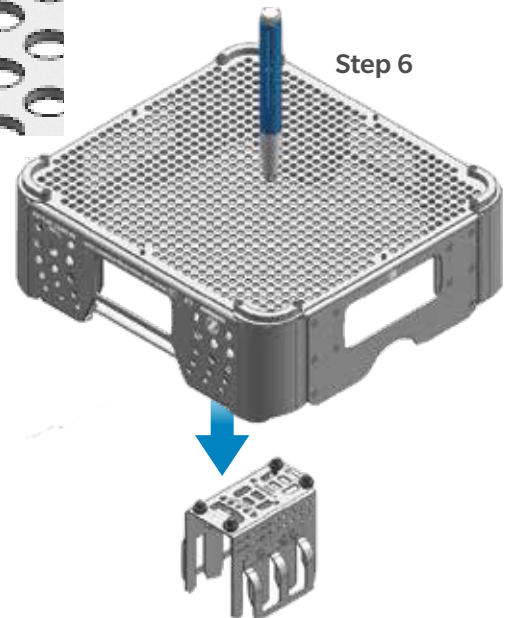
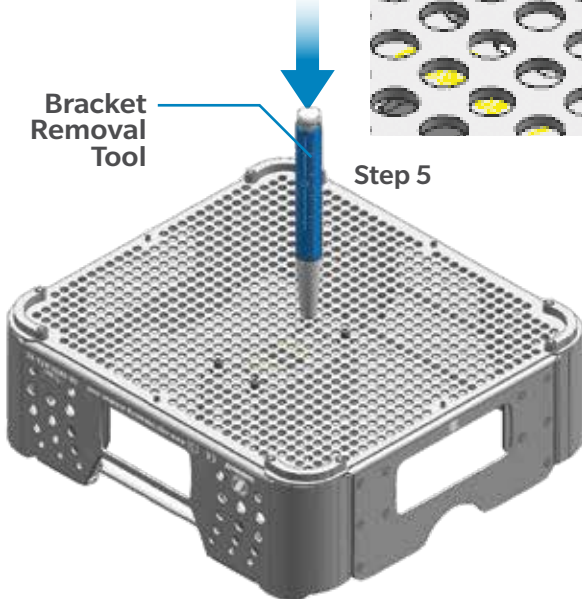
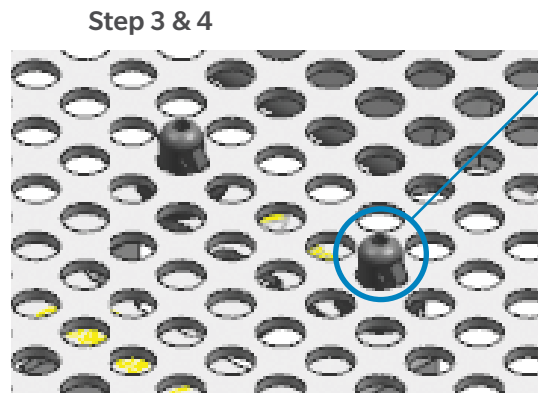
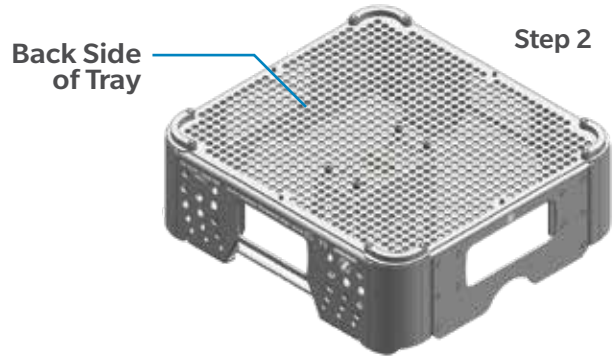
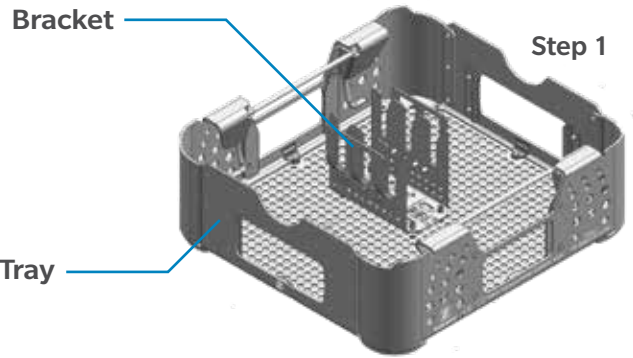
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KNEES

Disassembly Instructions

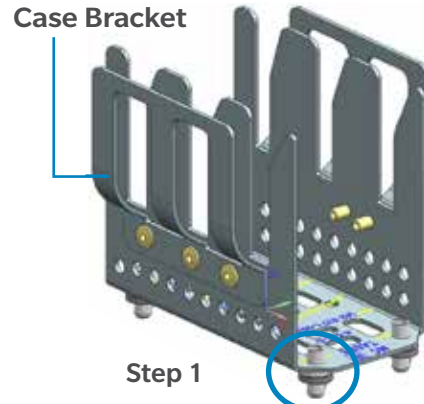
1. Remove instruments and provisionals from tray.
2. From the back side of the tray, locate bracket to be removed.
3. Grasp bracket removal tool.
4. Fully place removal tool over desired fastener.
5. Fully depress plunger to disengage each fastener on the desired bracket.
6. After all fasteners have 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.

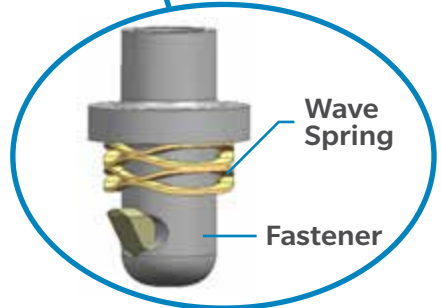


Assembly Instructions

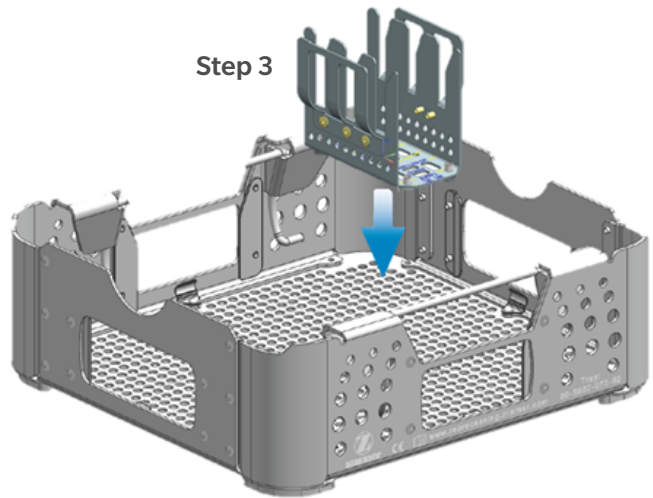
1. Choose a desired case bracket.
2. Ensure wave springs are present on each fastener.
3. Pick a desired location to place bracket ensuring no overlap of neighboring brackets.
4. Press down on bracket until there is an audible click from each fastener.
5. Invert tray and inspect each fastener to ensure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



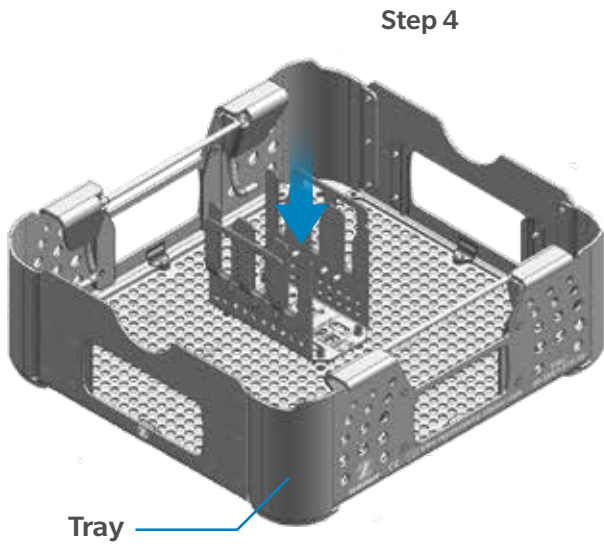
Step 1



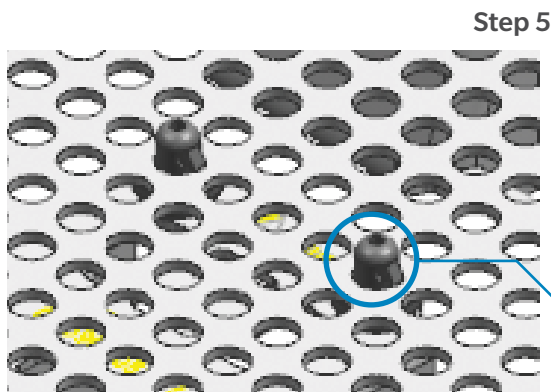
Step 2



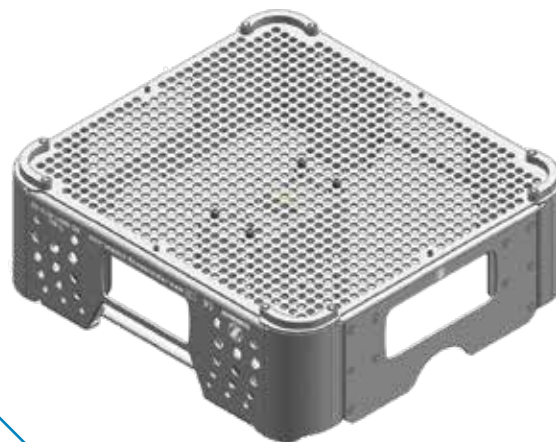
Step 3



Step 4



Step 5

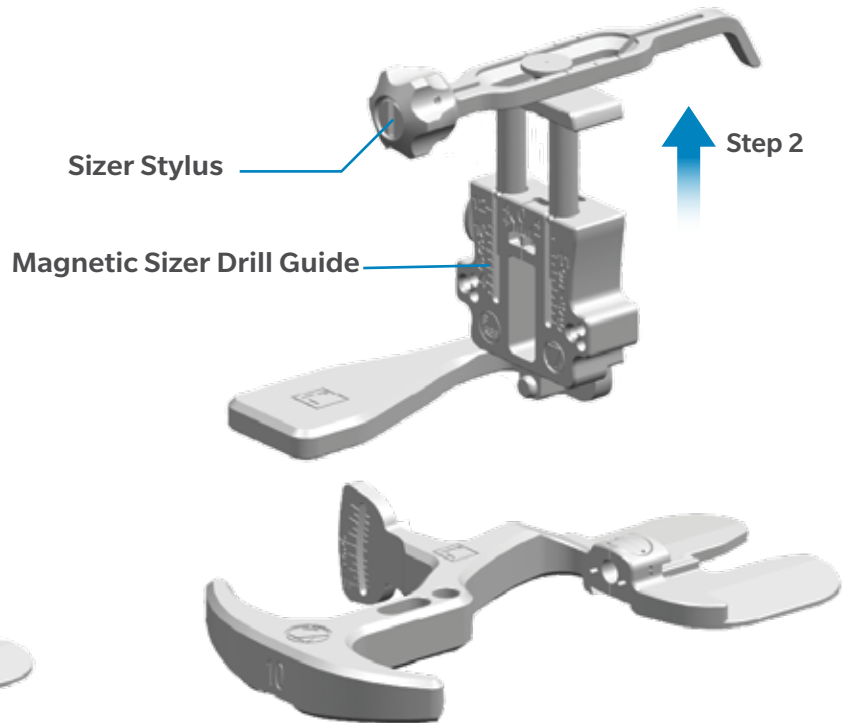
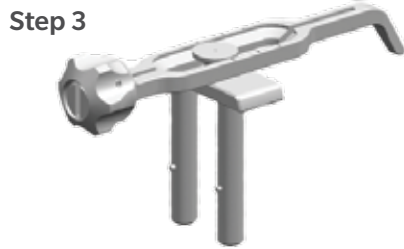
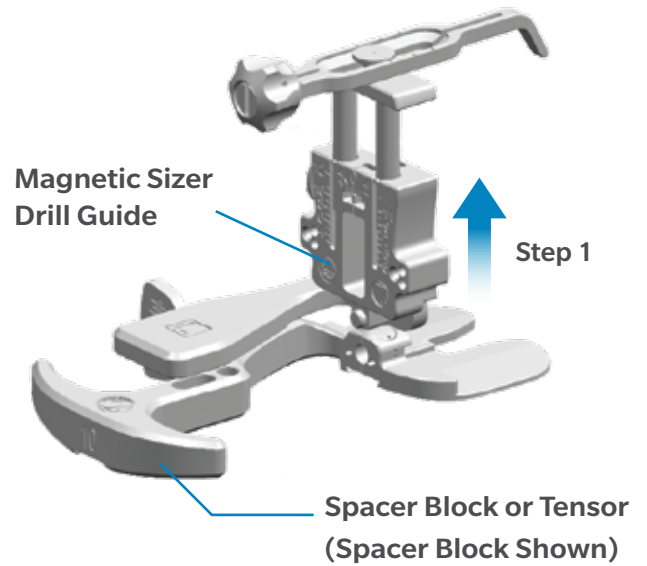


Fastener

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.

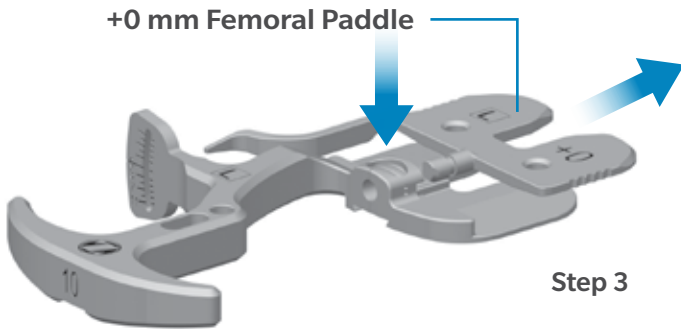
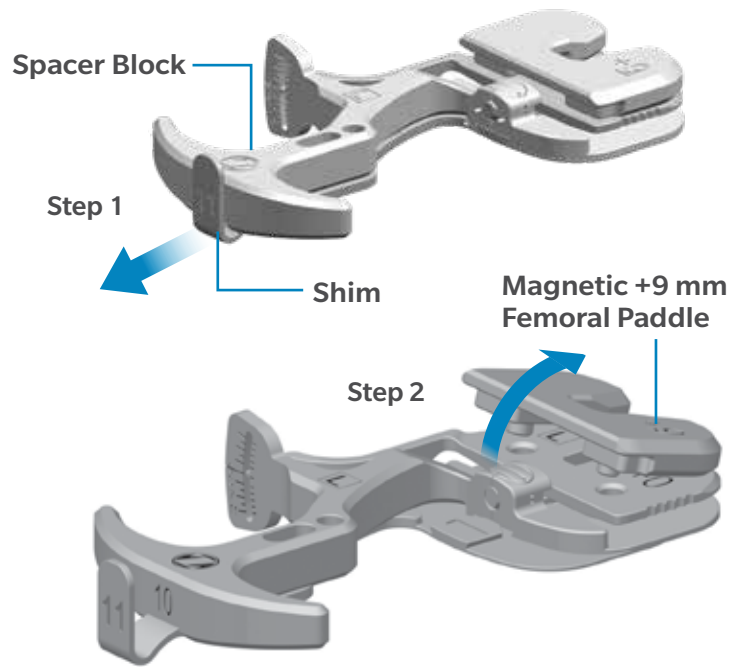
Note: The Posterior Referencing Sizer must be fully disassembled for cleaning and steam sterilization.



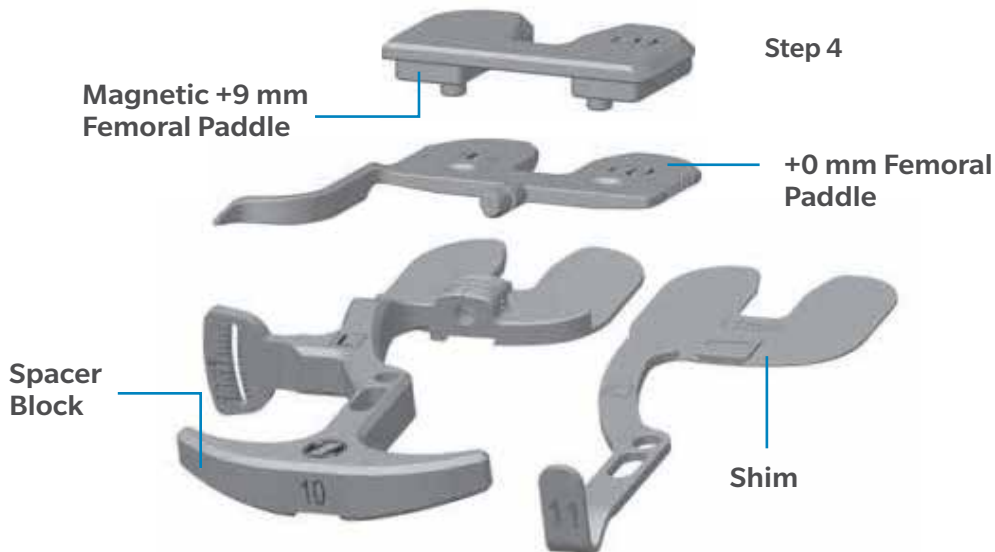
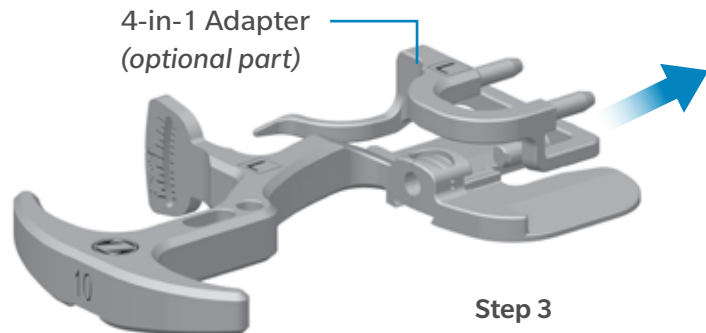
Disassembly Instructions

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.



or

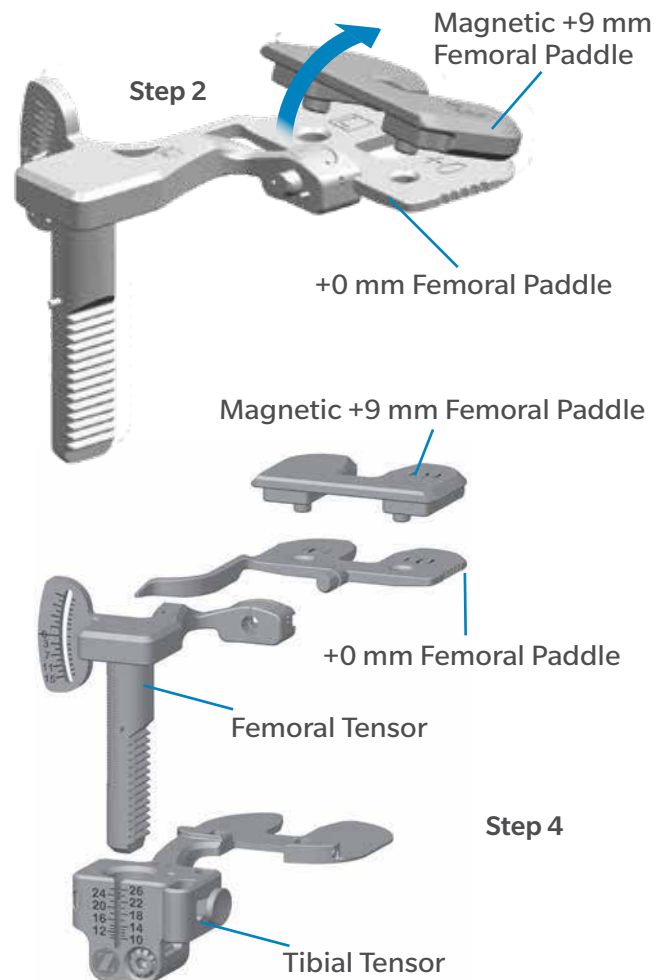
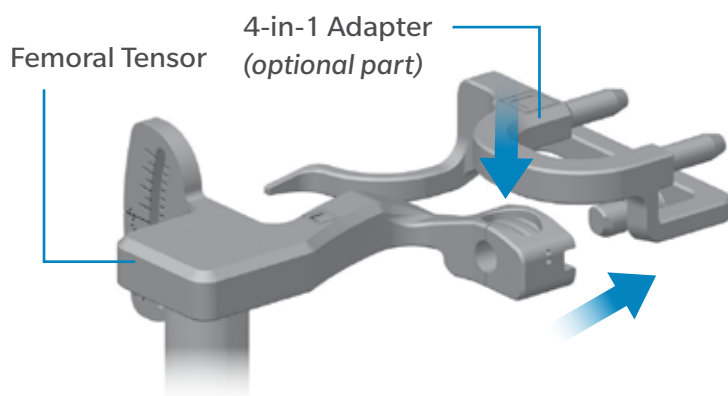
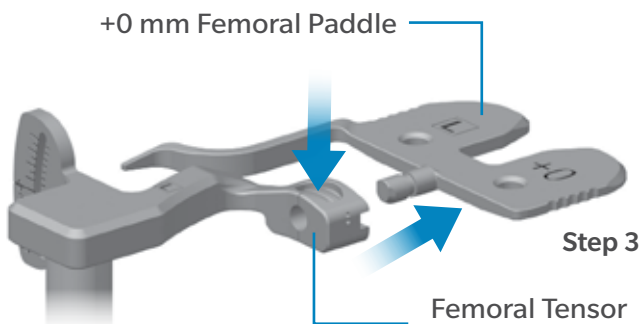
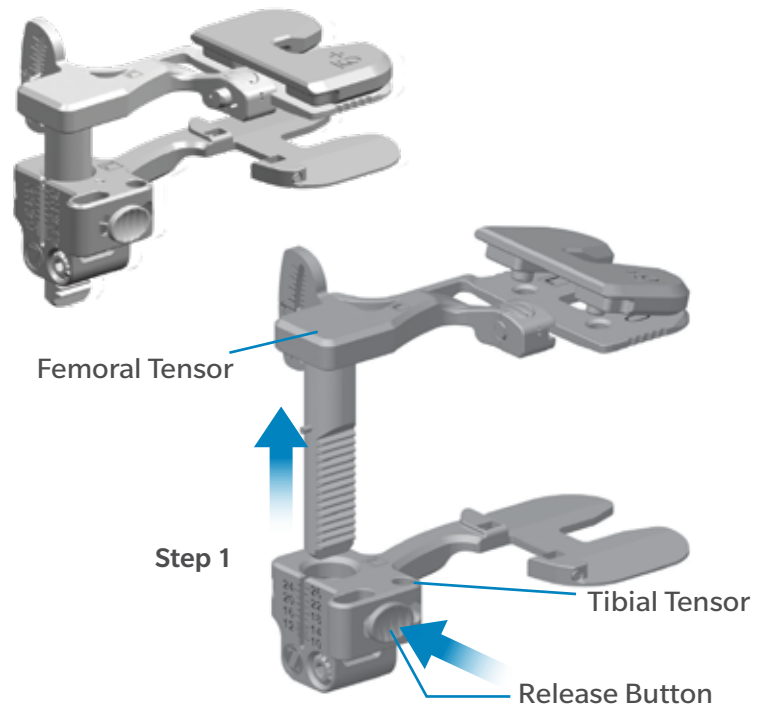


Disassembly Instructions

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.



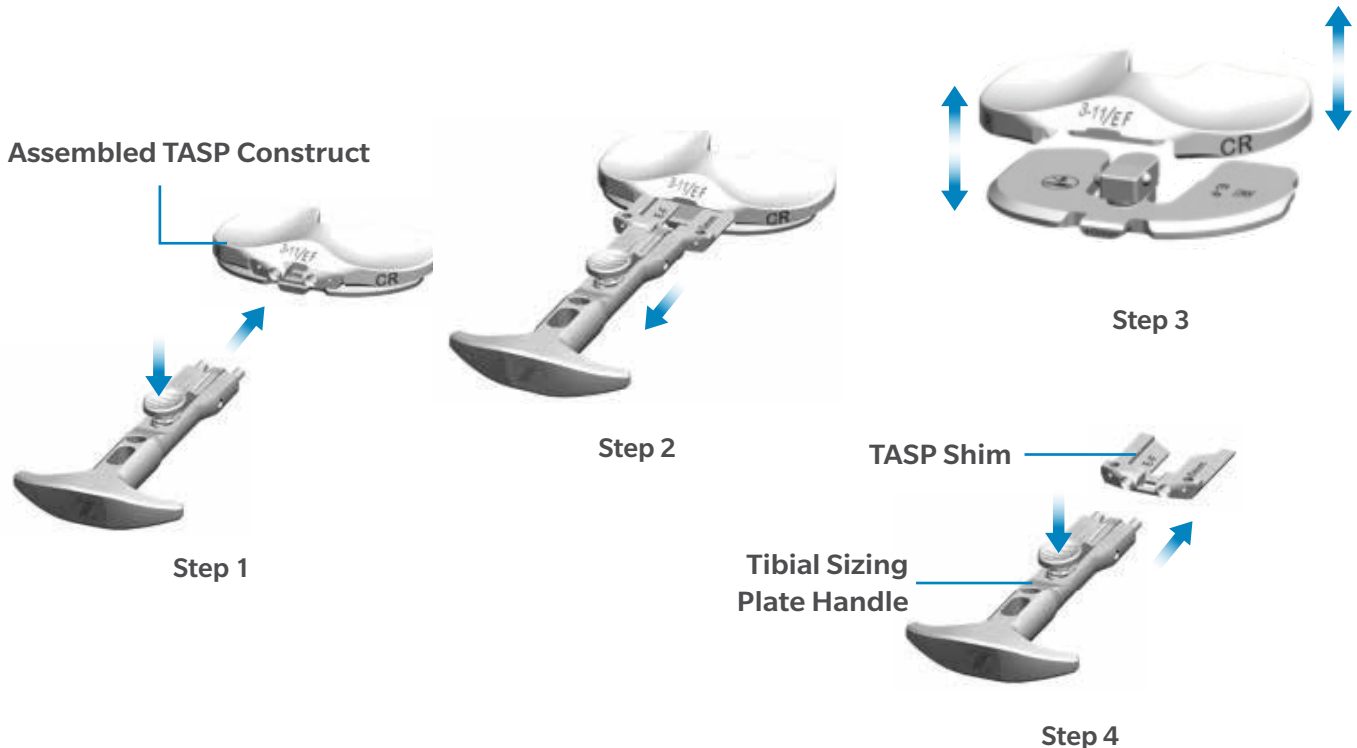
Disassembly Instructions

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.



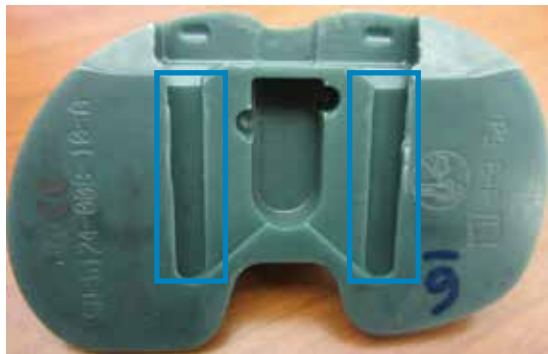
Assembled TASP Construct



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

HIPS

Disassembly Instructions

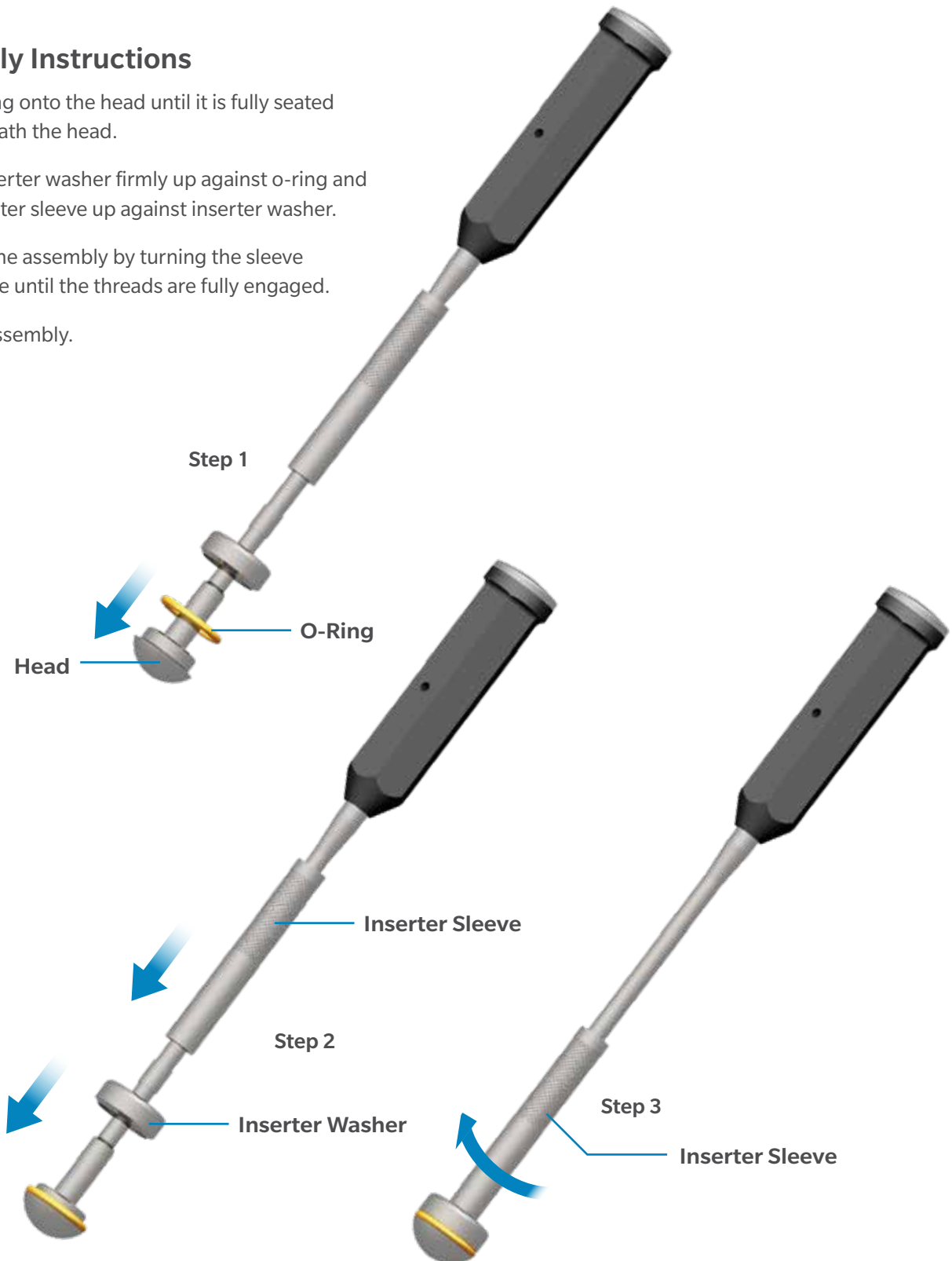
1. Unthread the inserter sleeve by turning it clockwise until the threads are fully disengaged. Sleeve and washer should be loose on the shaft of the liner inserter.
2. Slide the rubber o-ring off of the head towards the black handle. O-ring should be loose on the shaft of the liner inserter.
3. End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

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



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.

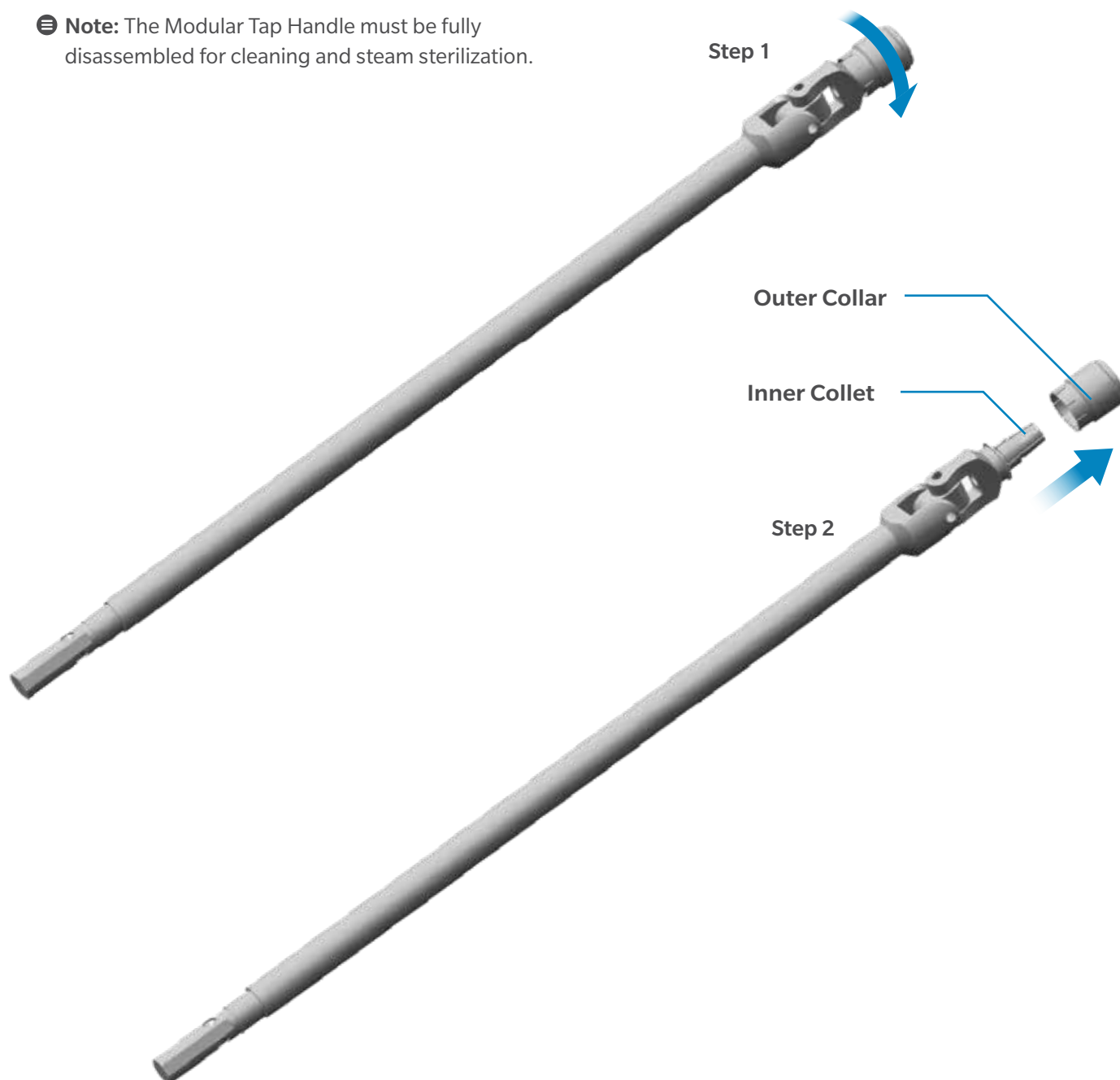


Disassembly Instructions

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.

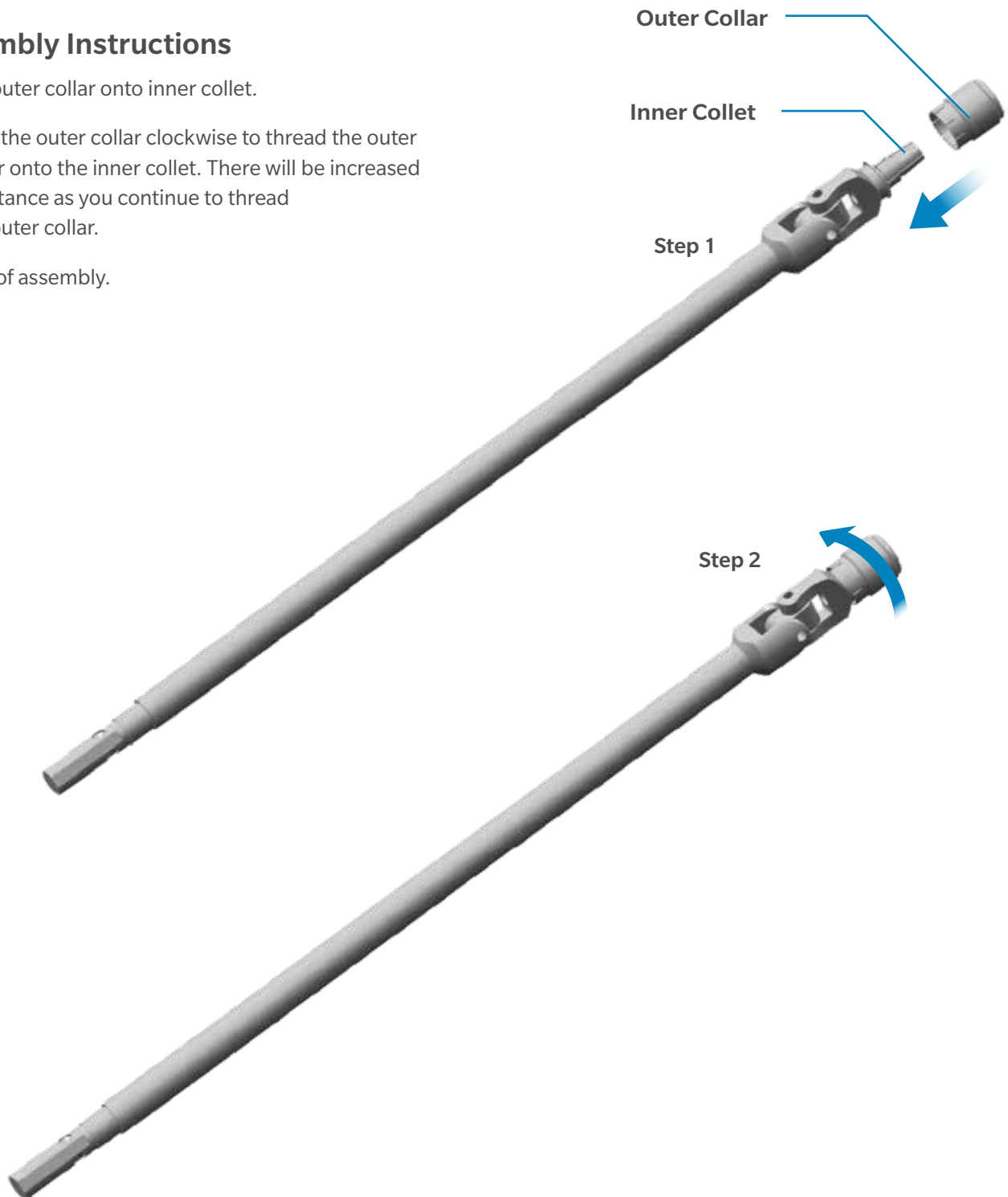
2. End of disassembly.

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



Assembly Instructions

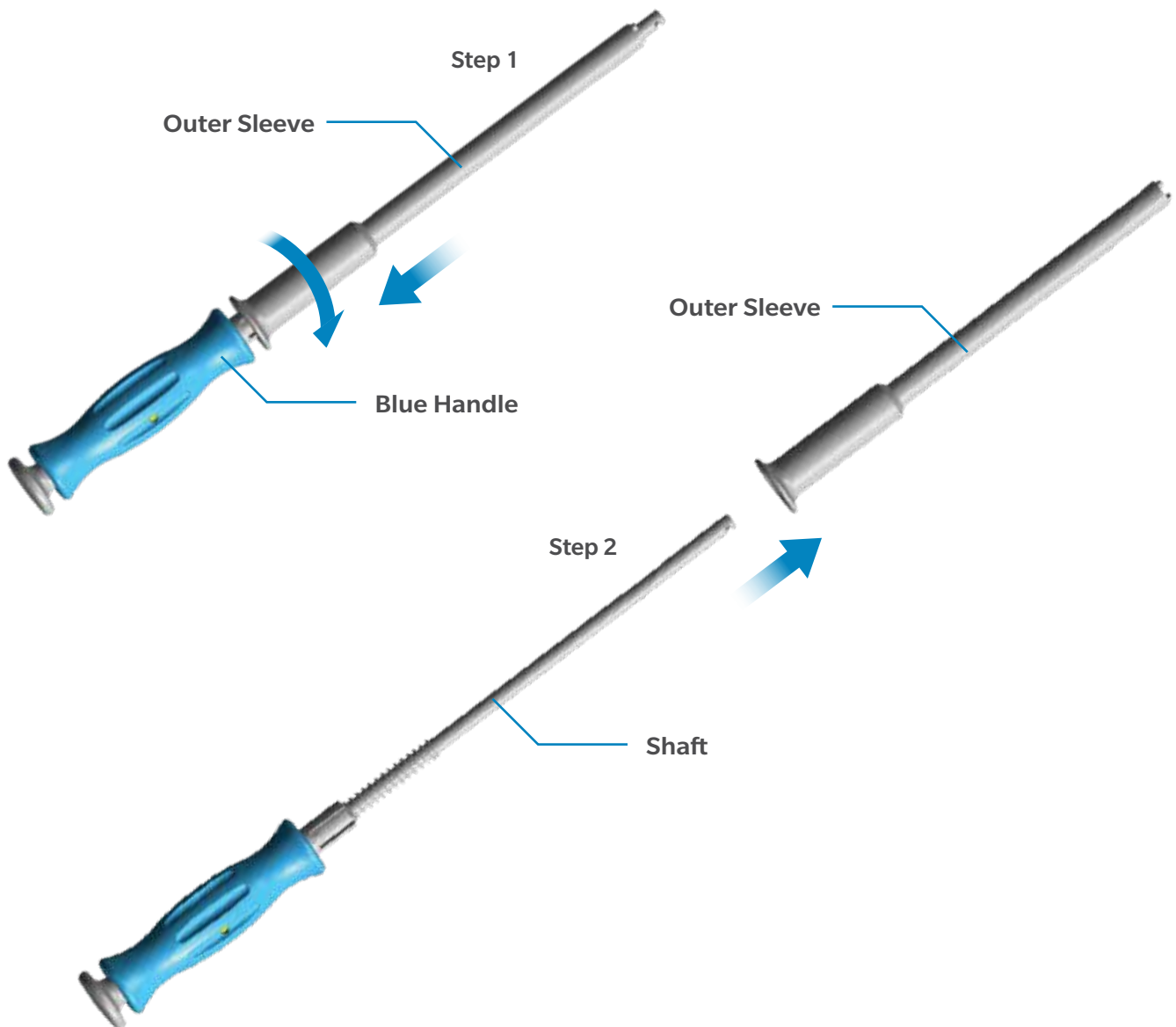
1. Put outer collar onto inner collet.
2. Turn the outer collar clockwise to thread the outer collar onto the inner collet. There will be increased resistance as you continue to thread the outer collar.
3. End of assembly.



Disassembly Instructions

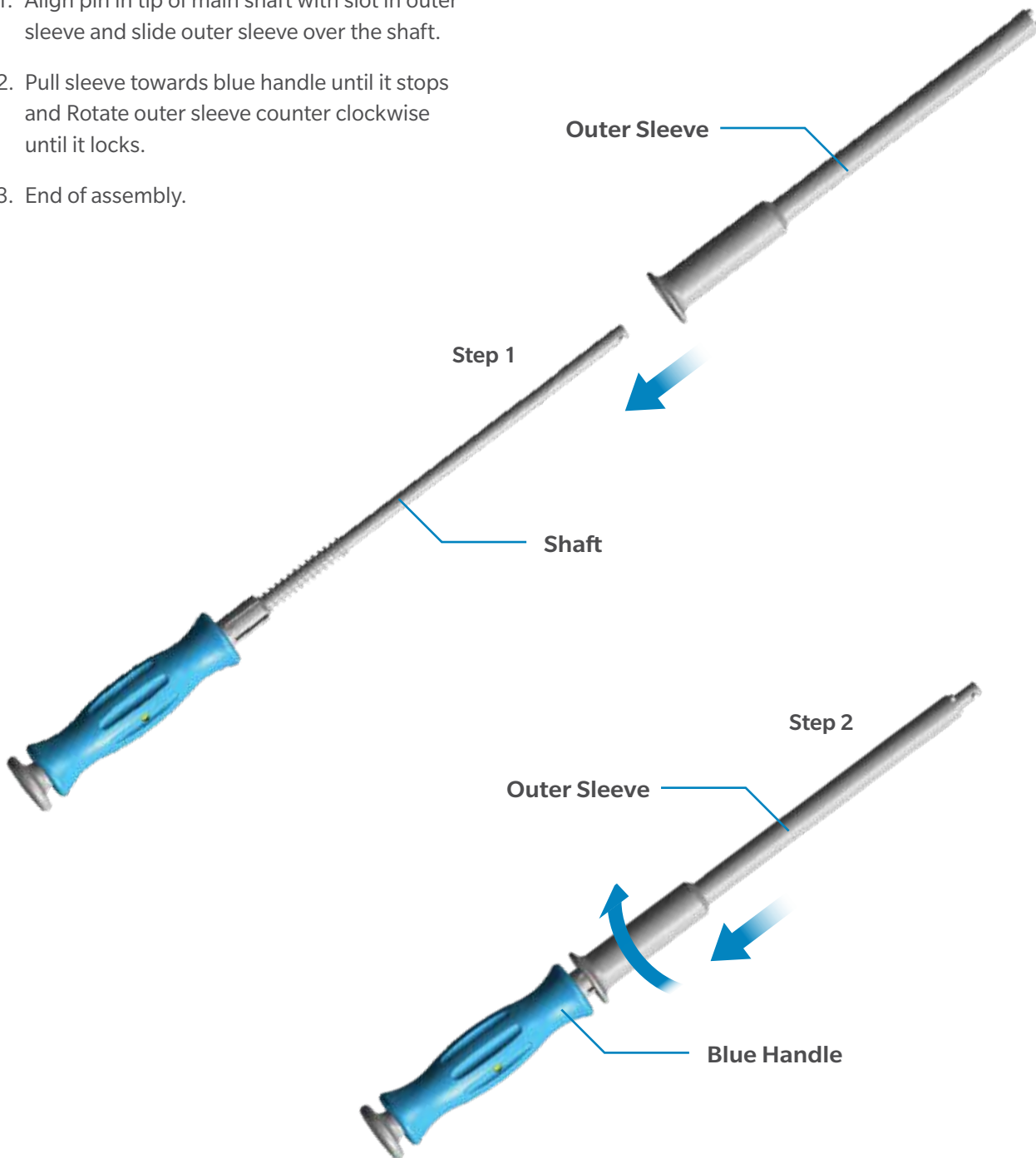
1. Pull the outer sleeve towards the blue handle and twist clockwise to unlock the sleeve.
2. Slide sleeve away from blue handle.
3. End of disassembly.

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



Assembly Instructions

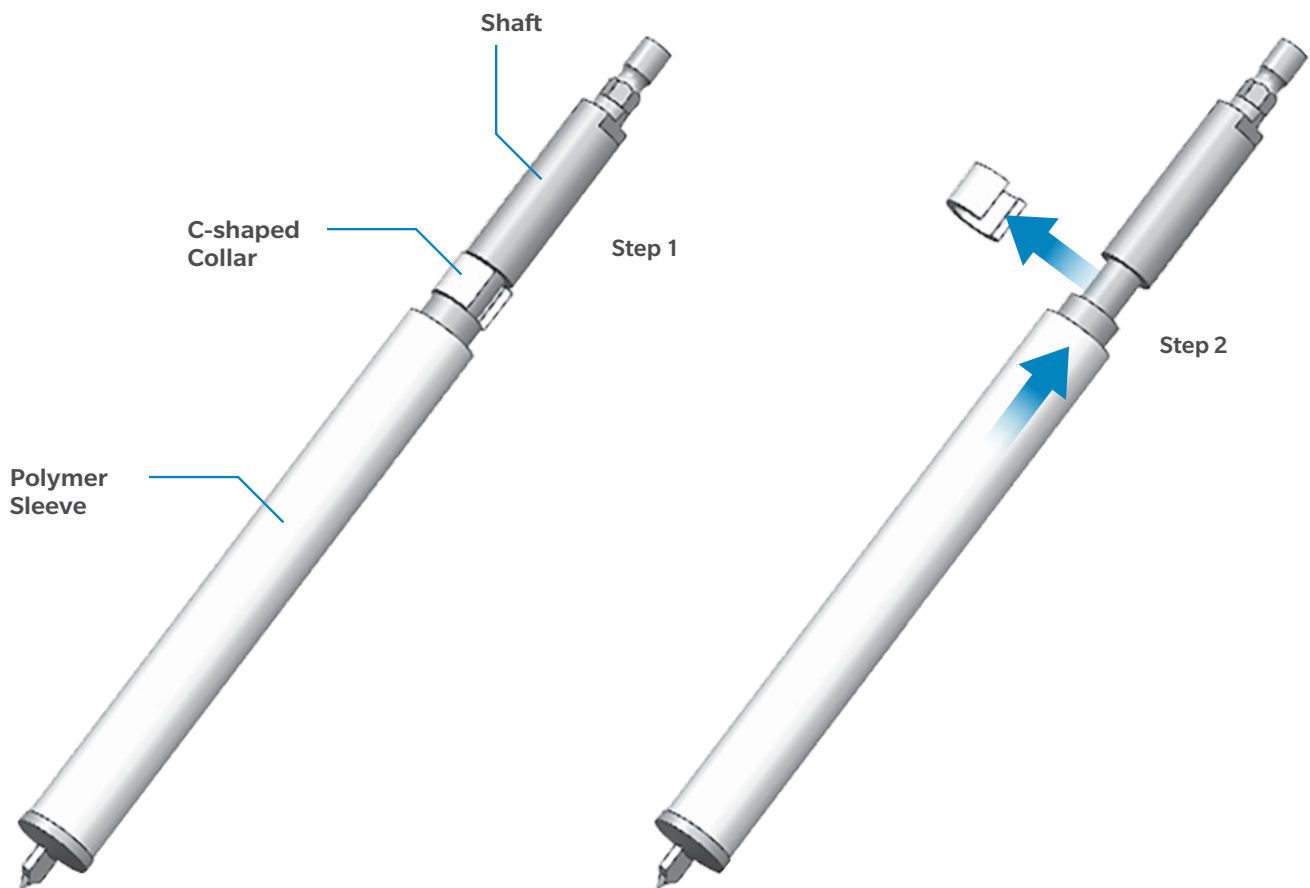
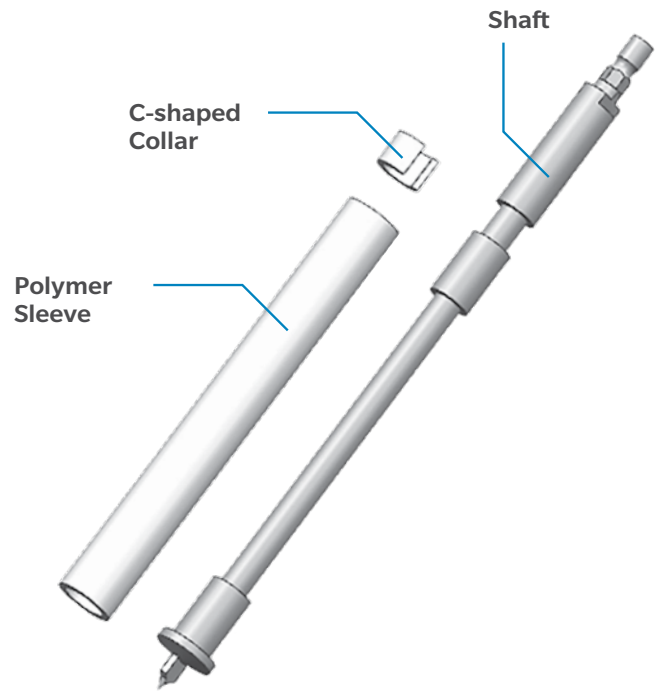
1. Align pin in tip of main shaft with slot in outer sleeve and slide outer sleeve over the shaft.
2. Pull sleeve towards blue handle until it stops and Rotate outer sleeve counter clockwise until it locks.
3. End of assembly.



Disassembly Instructions

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

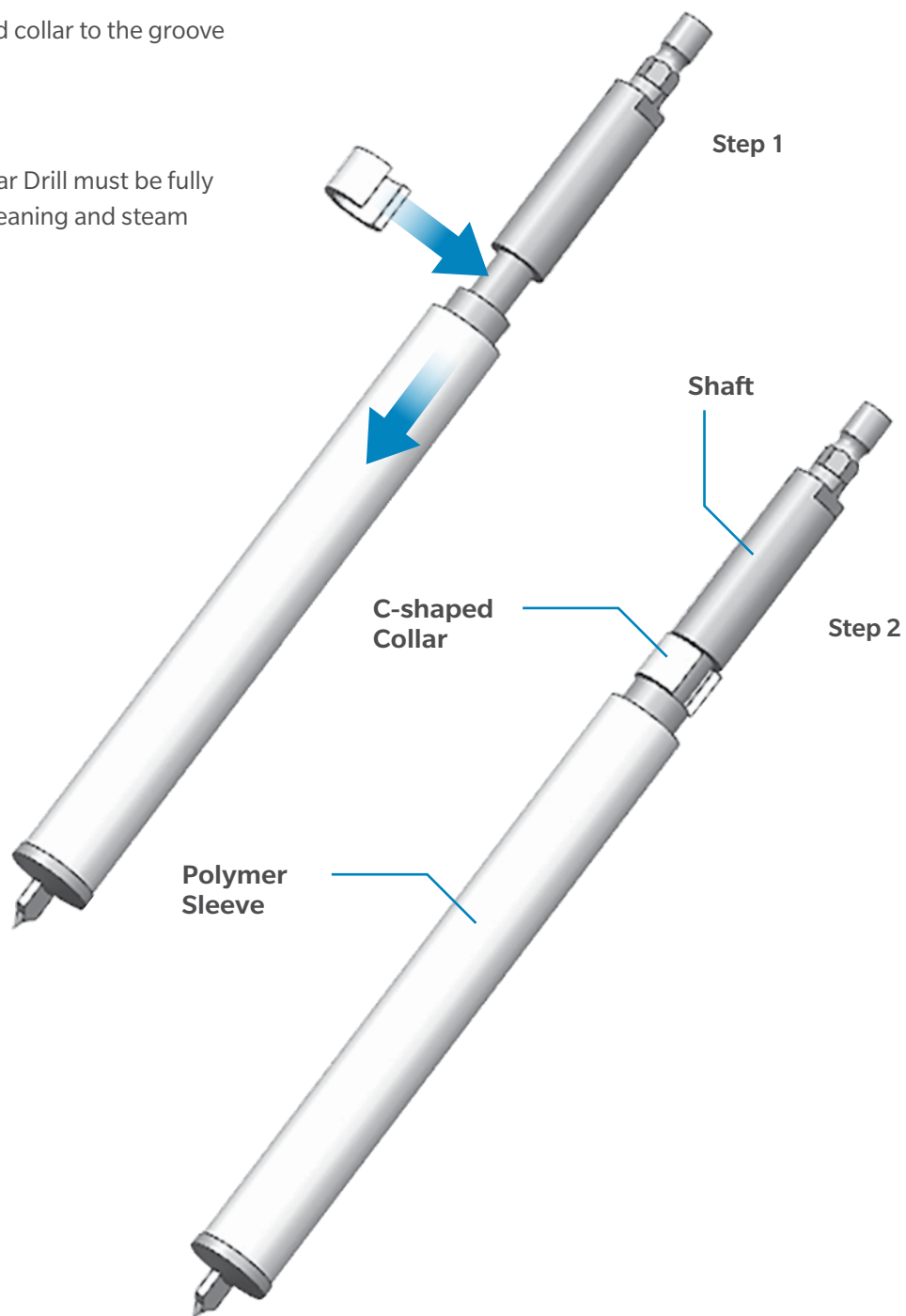
ⓘ **Note:** The Acetabular Drill must be fully disassembled for cleaning and steam sterilization.



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.

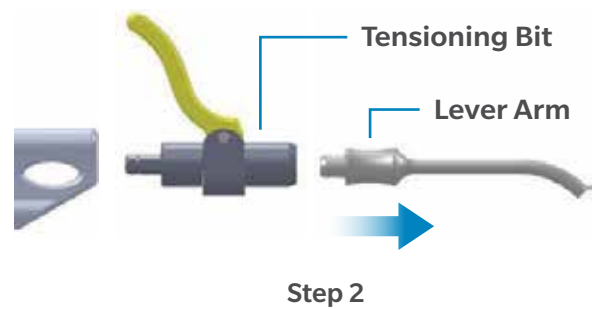
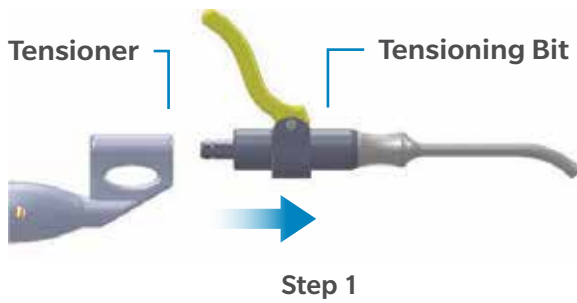
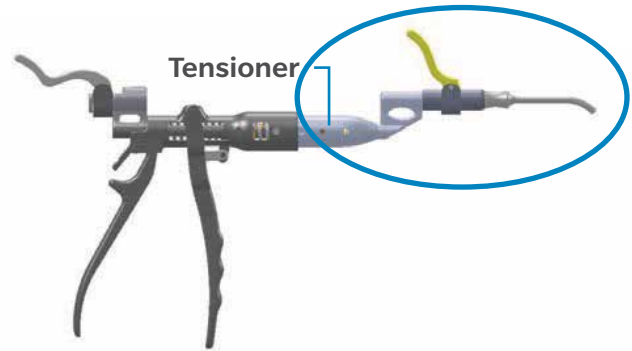


TRAUMA

Disassembly Instructions

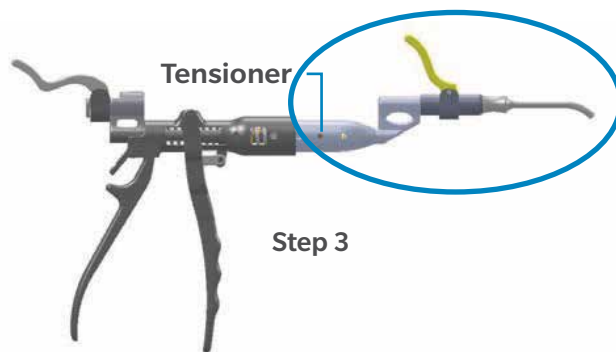
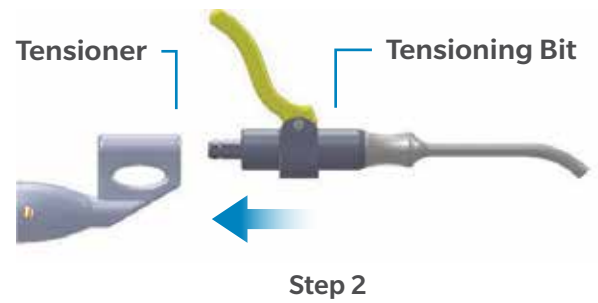
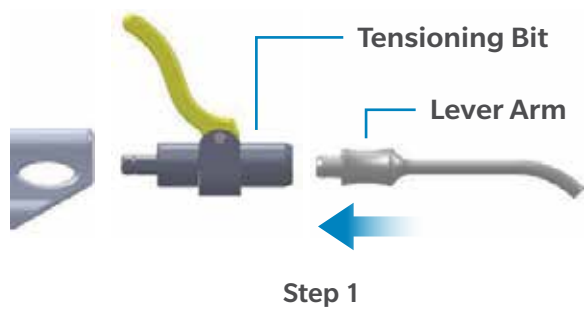
1. Pull the tensioning bit out from the tensioner.
2. Pull the lever arm out from tensioning bit.
3. End of disassembly.

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



Assembly Instructions

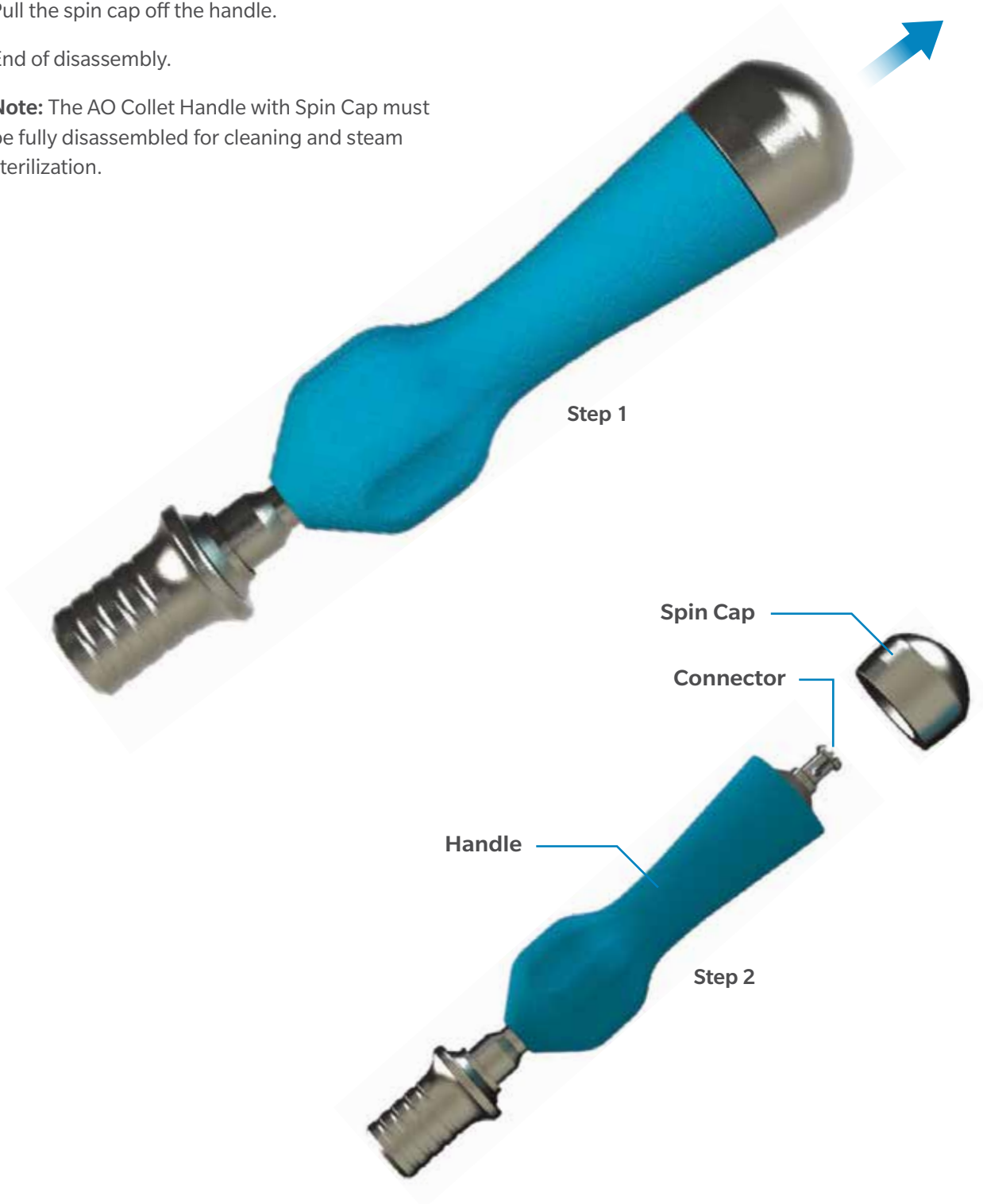
1. Insert the lever arm into tensioning bit.
2. Insert the tensioning bit into tensioner.
3. End of assembly.



Disassembly Instructions

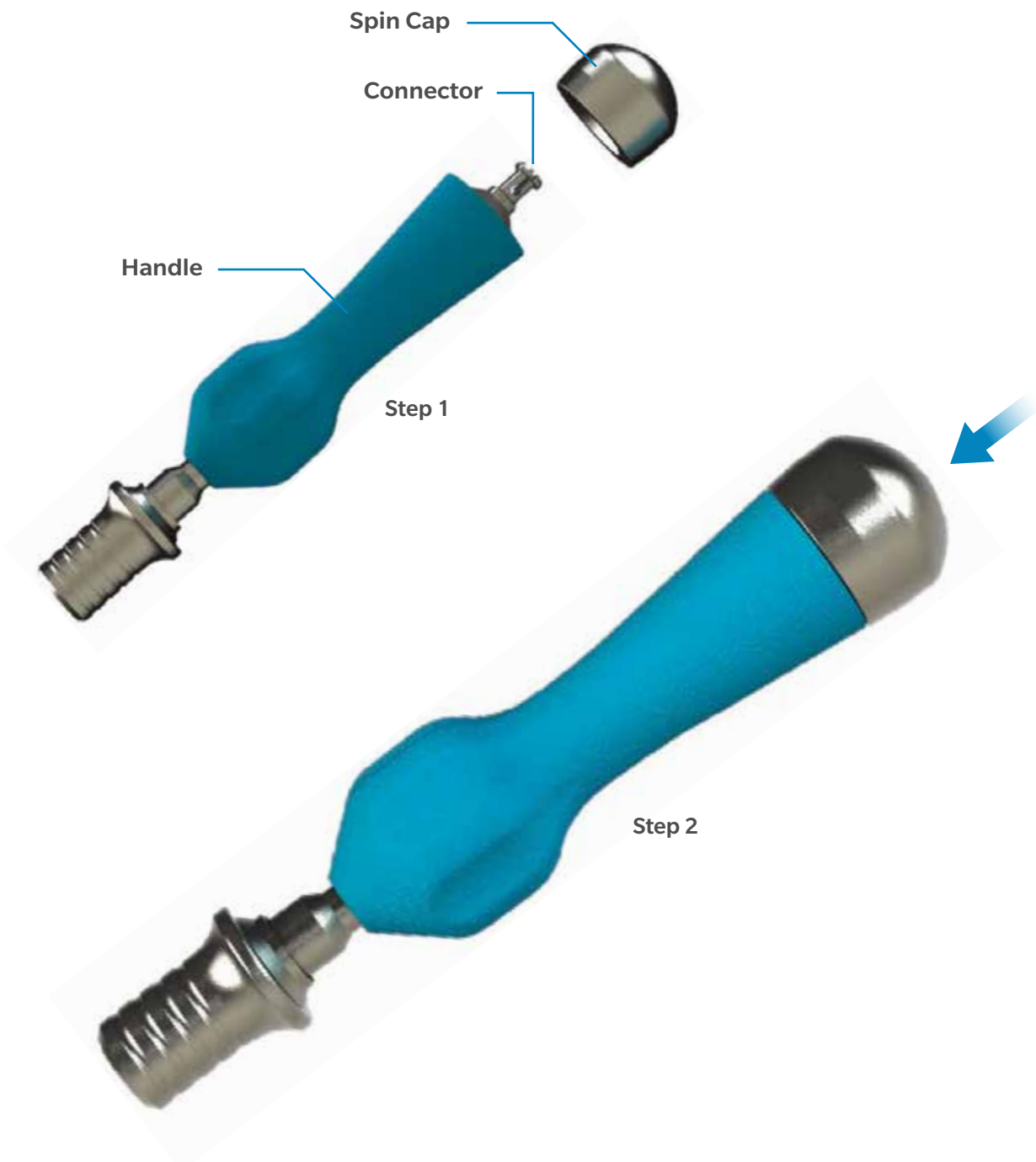
1. Pull the spin cap off the handle.
2. End of disassembly.

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



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.



Disassembly Instructions

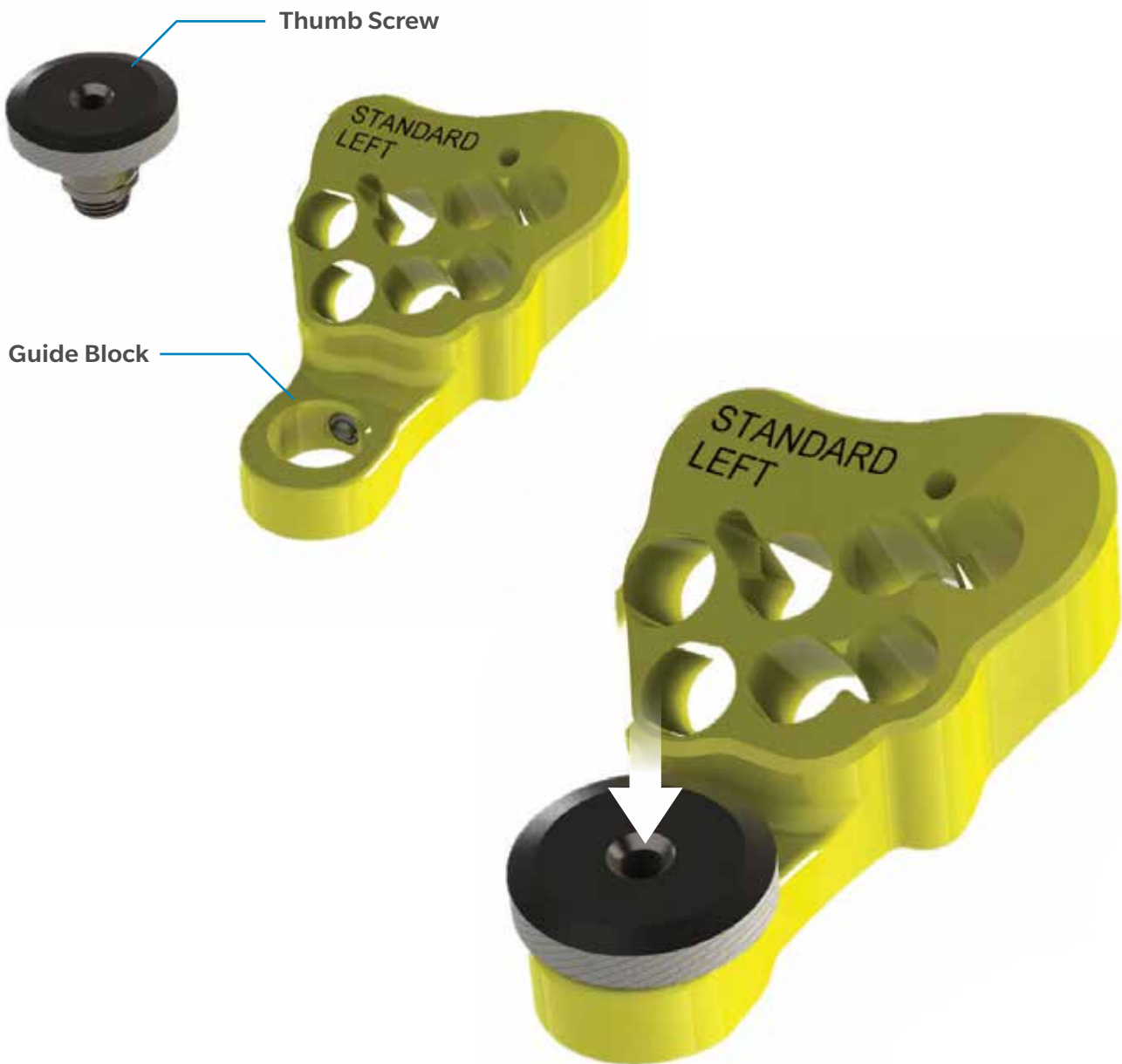
1. Pull the thumb screw out from the guide block.
2. End of disassembly.

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



Assembly Instructions

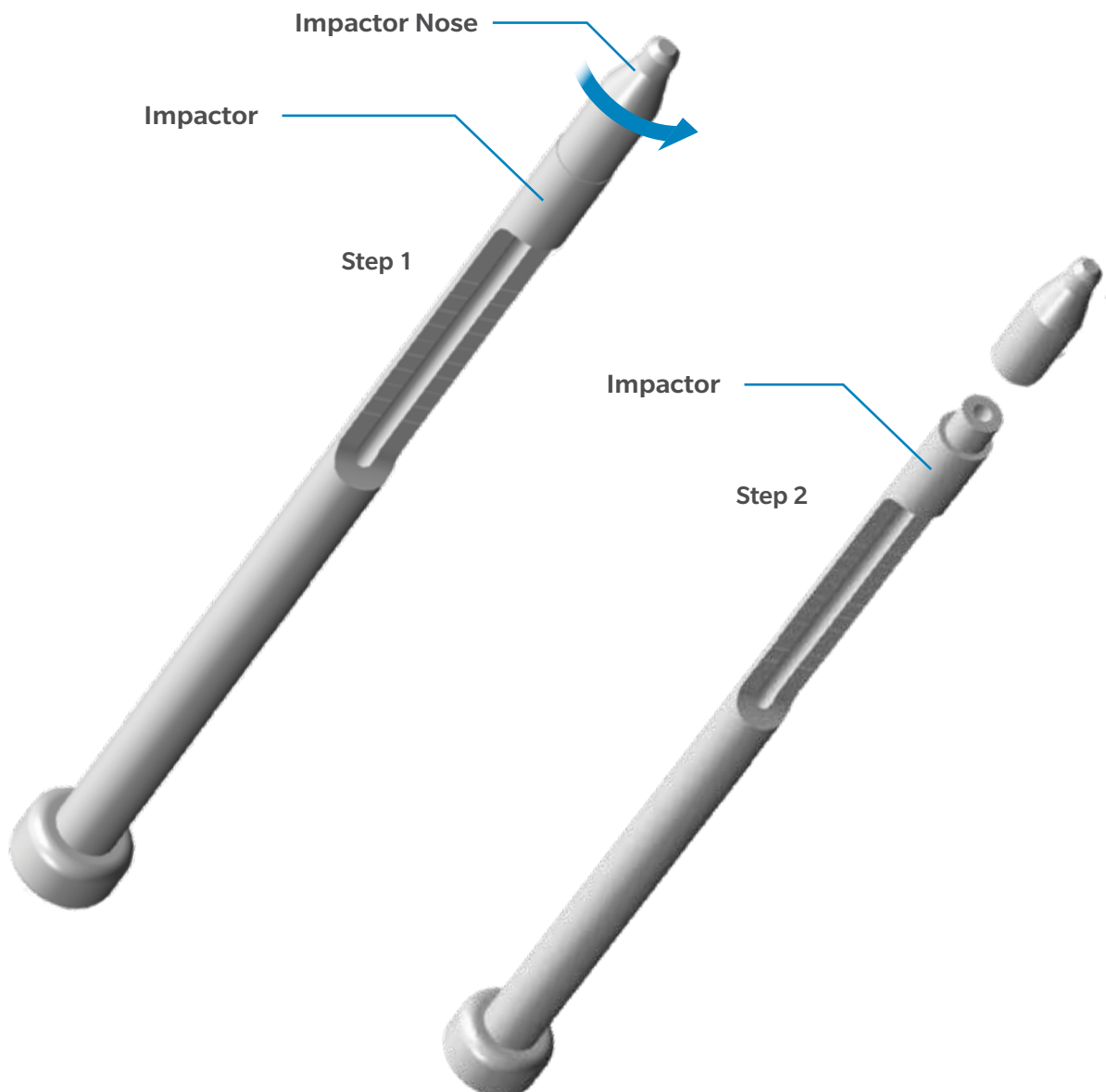
1. Firmly press the thumb screw into the guide block.
2. End of assembly.



Disassembly Instructions

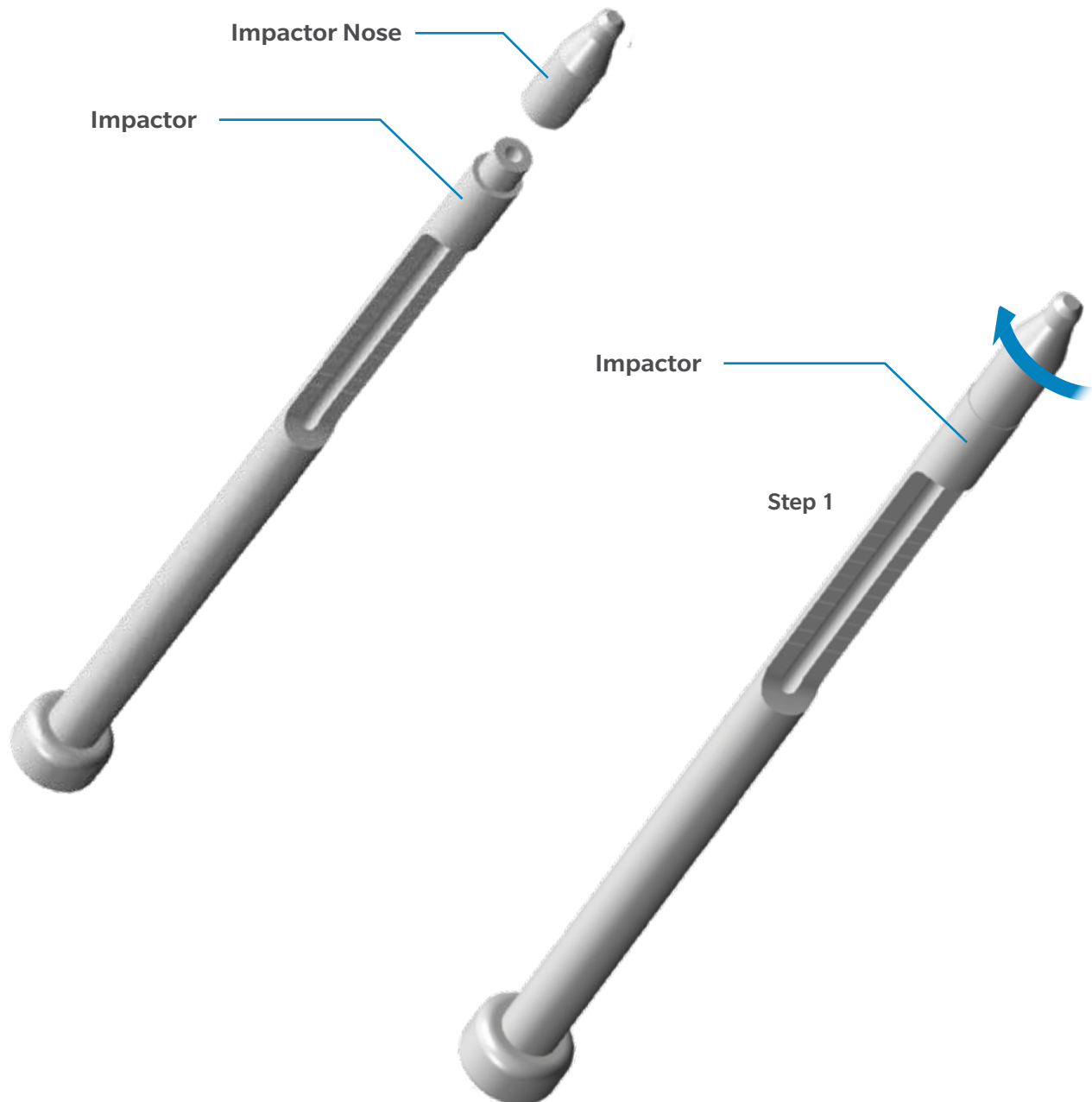
1. Turn the impactor nose counter clockwise to unscrew from the impactor.
2. End of disassembly.

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



Assembly Instructions

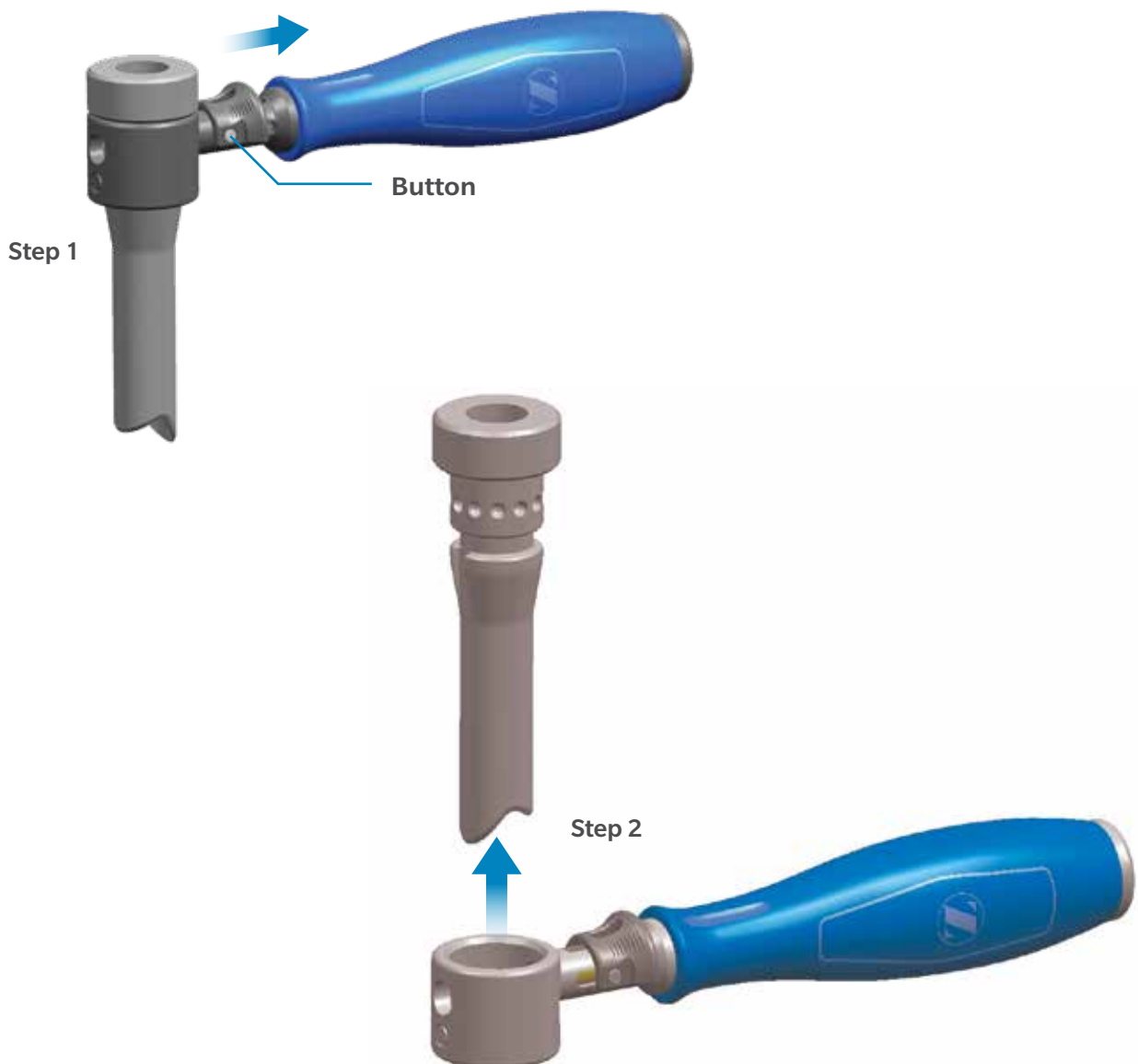
1. Thread the impactor nose into the impactor until it is fastened completely.
2. End of assembly.



Disassembly Instructions

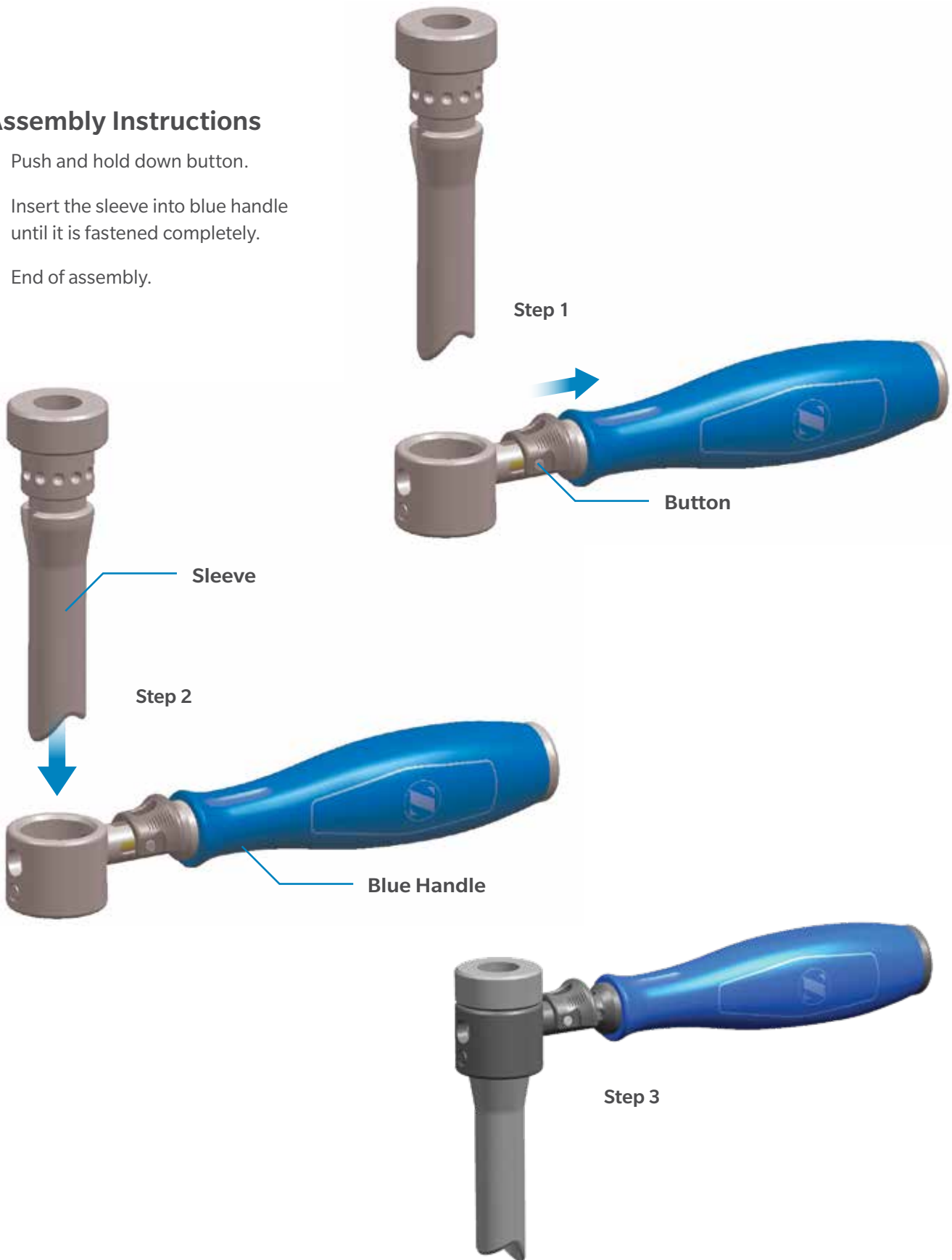
1. Push and hold down button.
2. Remove the sleeve from the blue handle.
3. End of disassembly.

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



Assembly Instructions

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



Disassembly Instructions

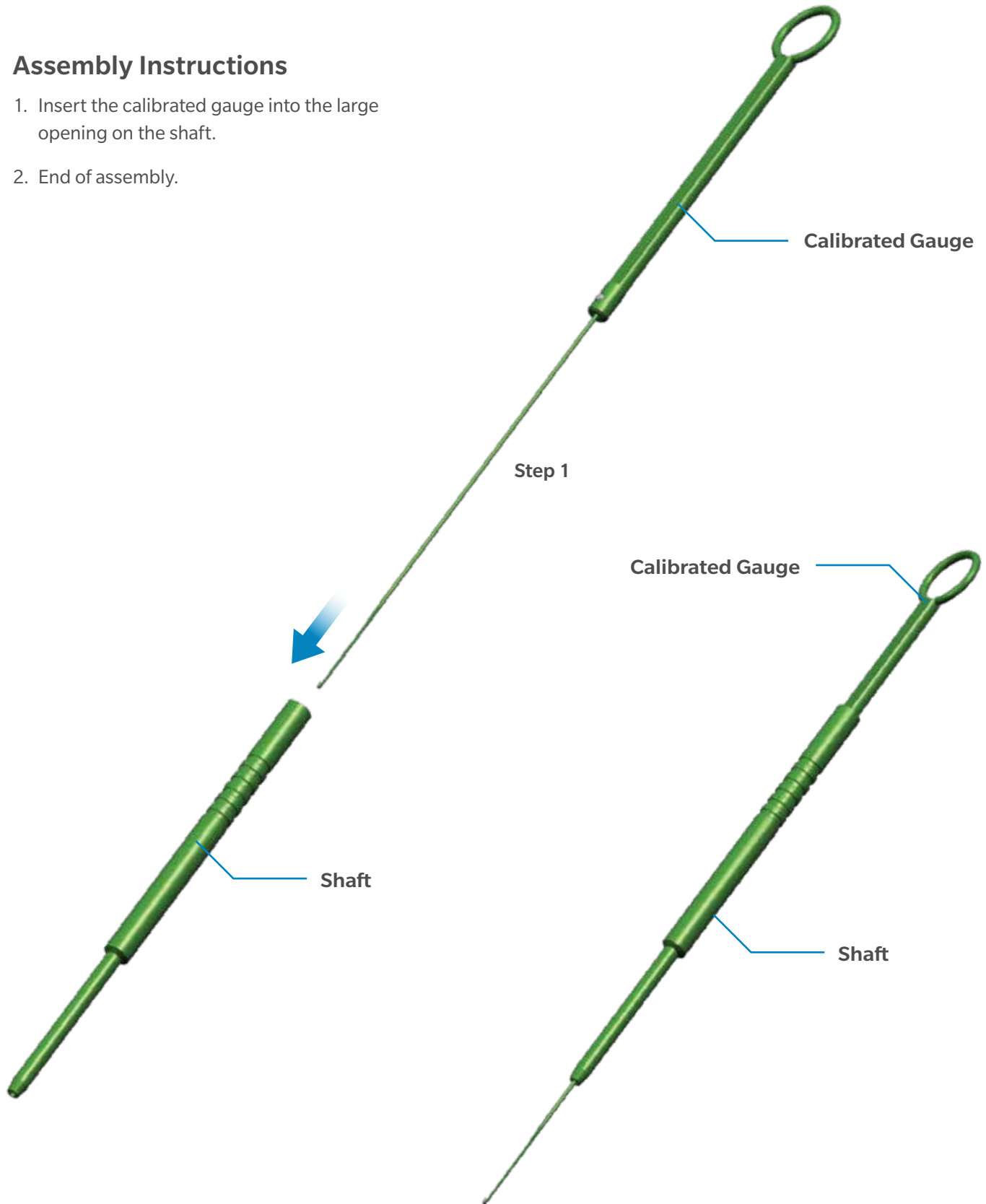
1. Hold the shaft and pull the calibrated gauge away from the shaft.
2. End of disassembly.

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



Assembly Instructions

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



Disassembly Instructions

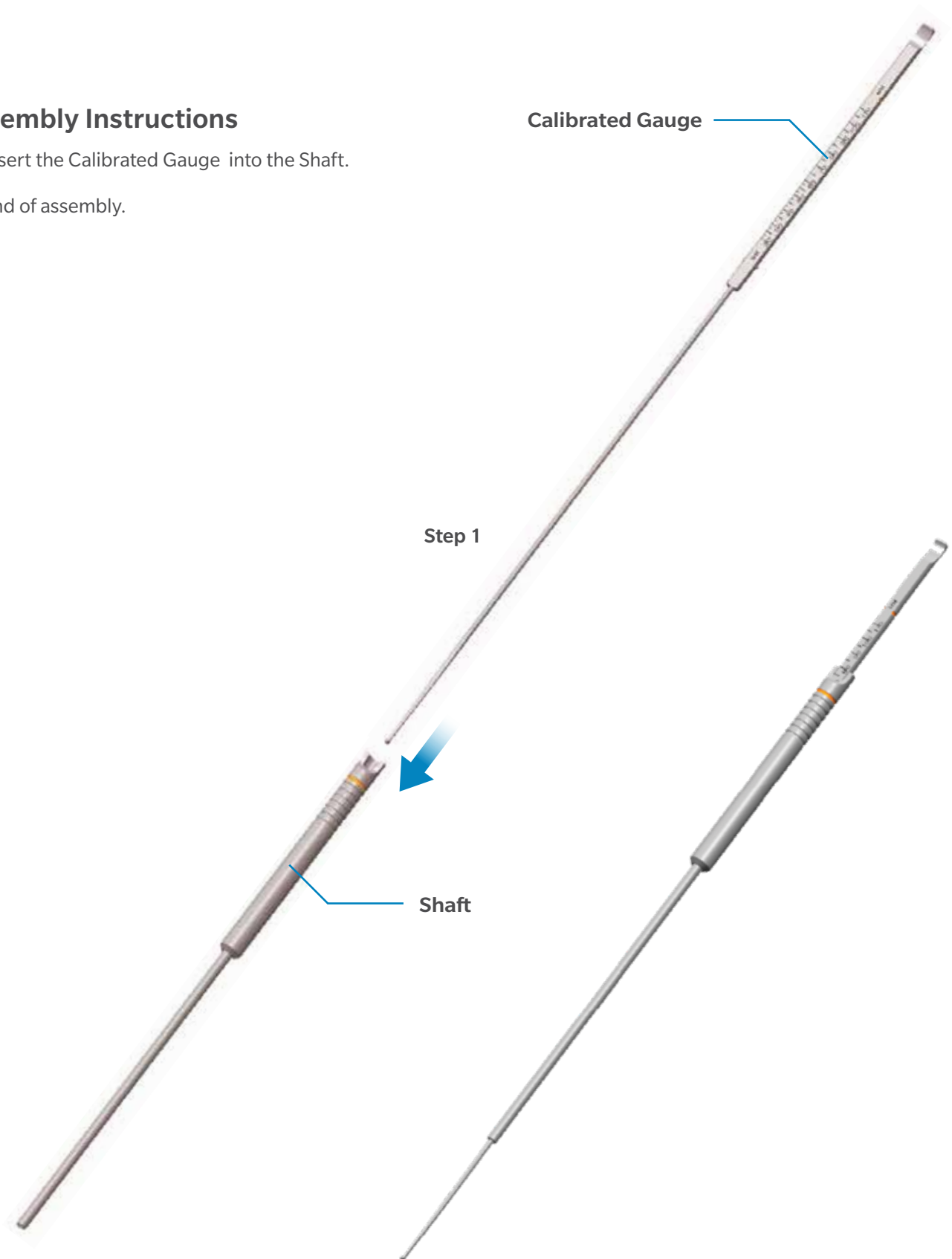
1. Remove the calibrated gauge from the shaft.
2. End of disassembly.

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



Assembly Instructions

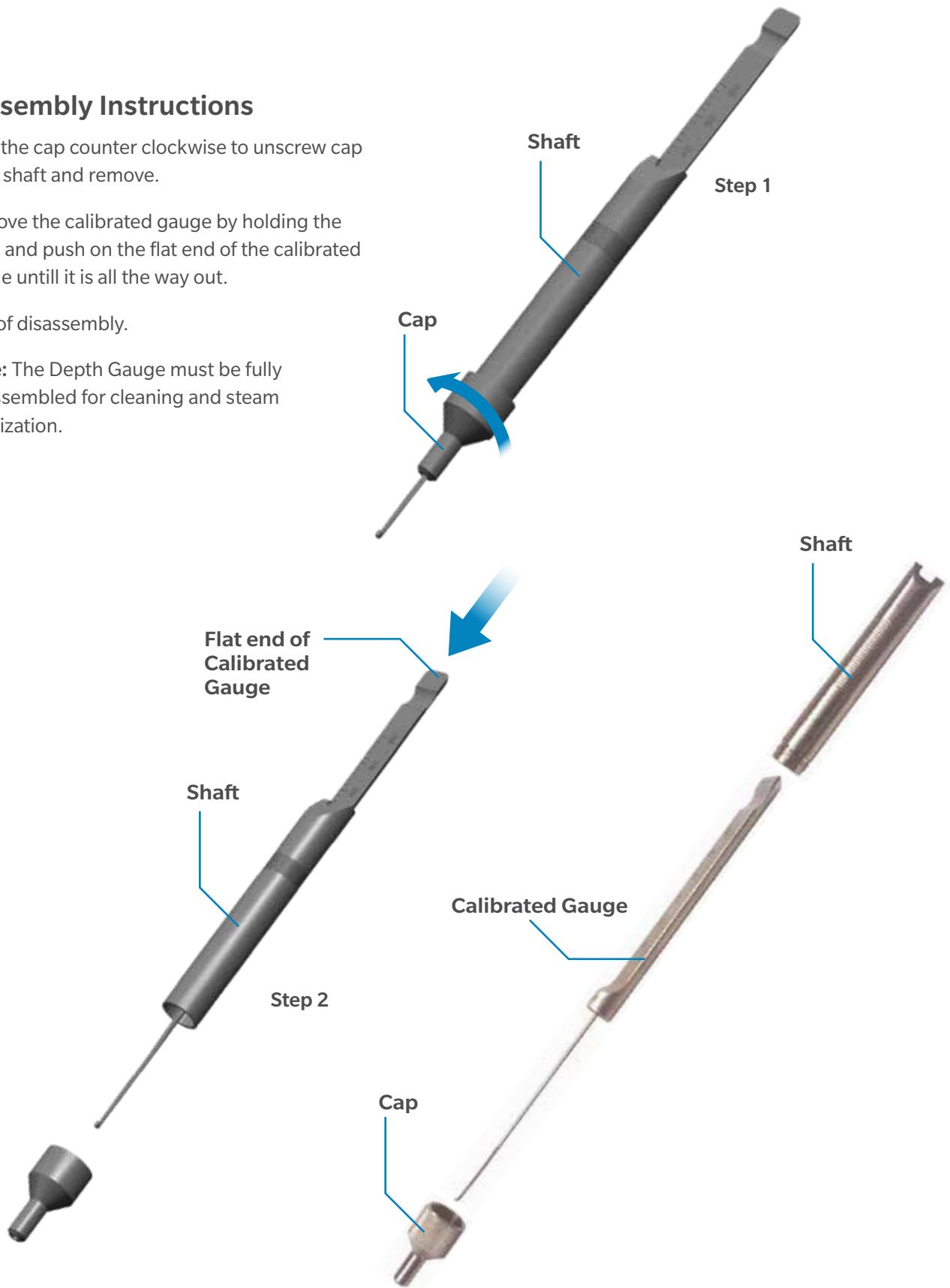
1. Insert the Calibrated Gauge into the Shaft.
2. End of assembly.



Disassembly Instructions

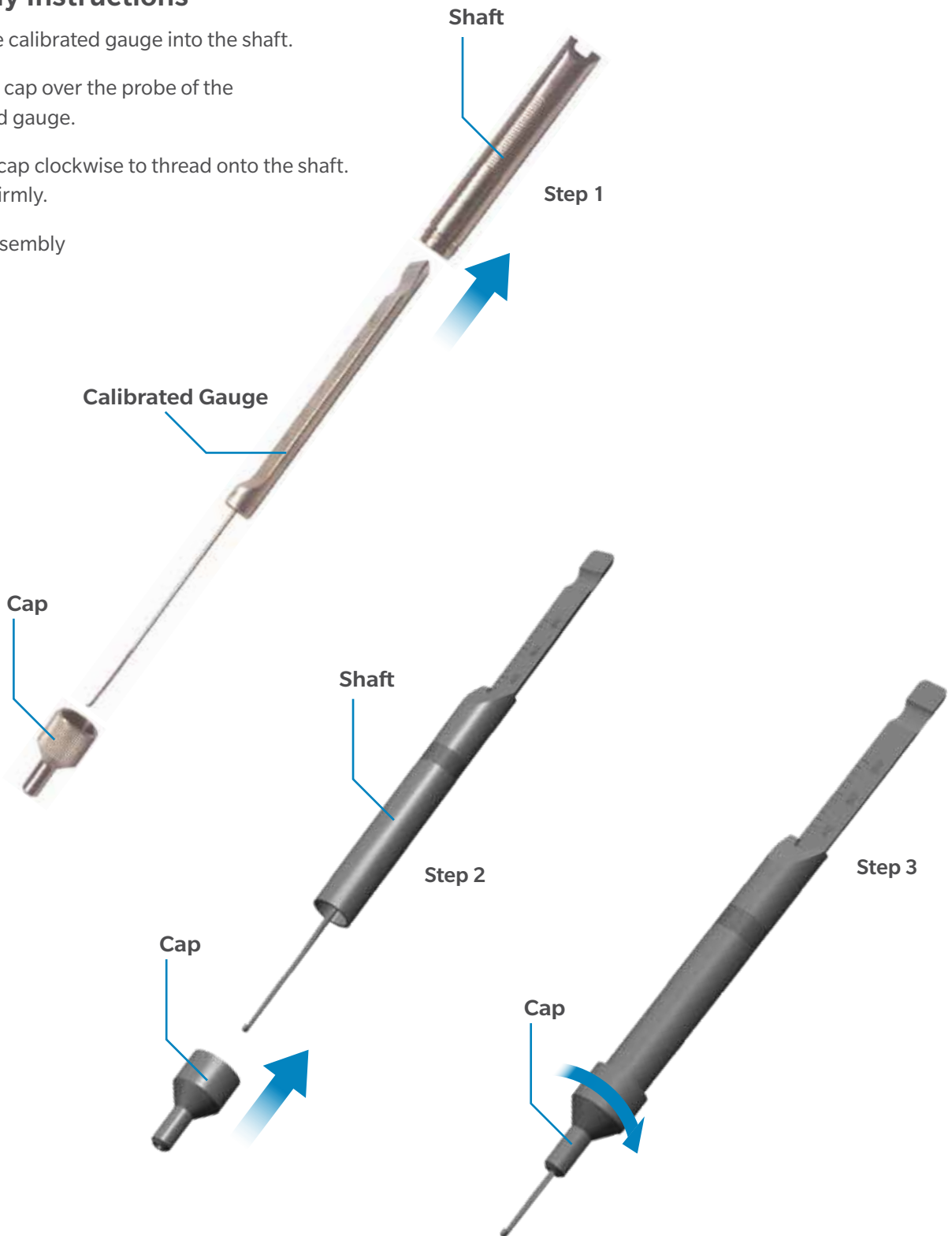
1. Turn the cap counter clockwise to unscrew cap from shaft and remove.
2. Remove the calibrated gauge by holding the shaft and push on the flat end of the calibrated gauge until it is all the way out.
3. End of disassembly.

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



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

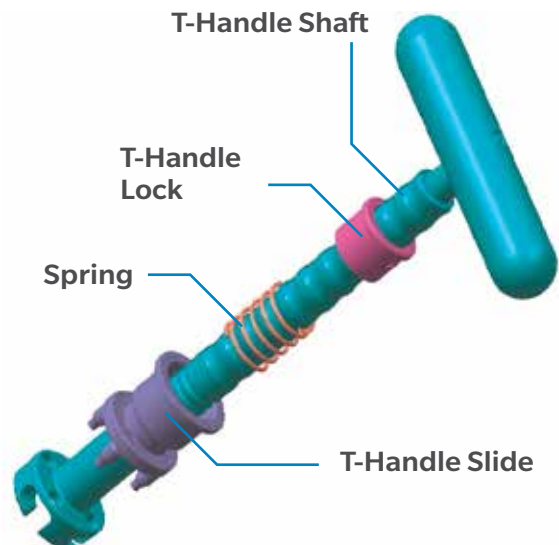
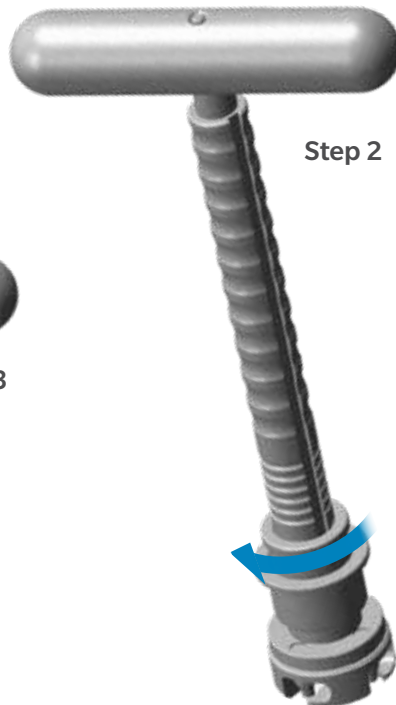
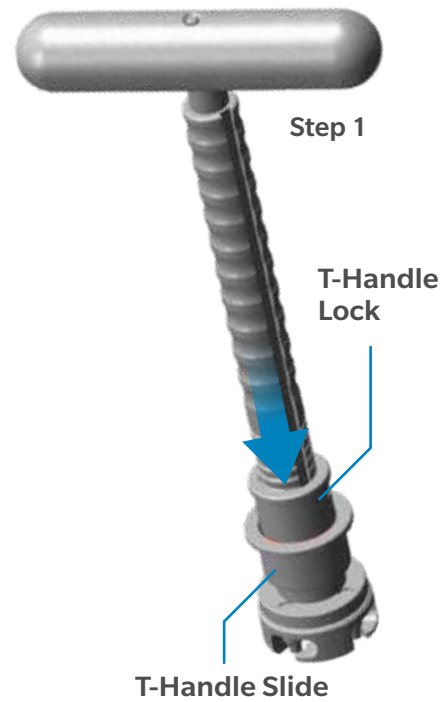


EXTREMITIES

Disassembly Instructions

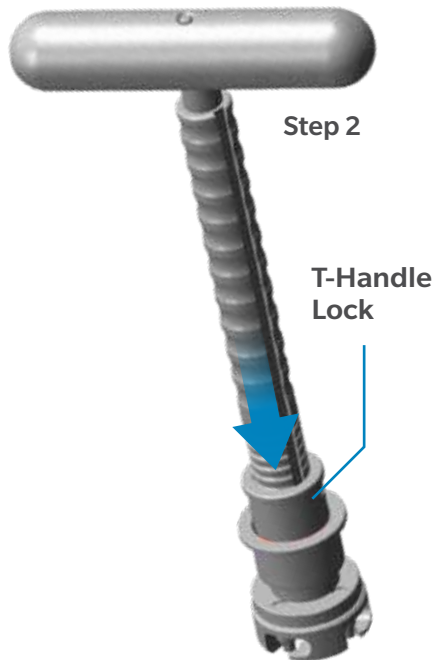
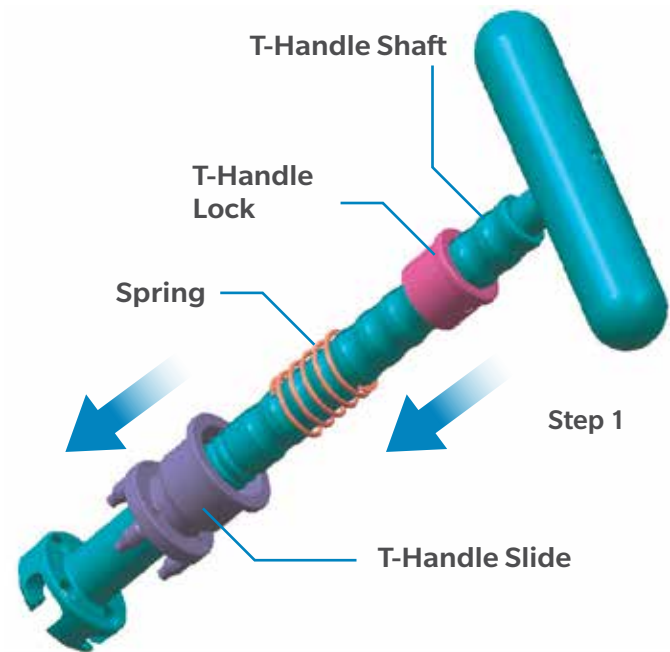
1. Push t-handle lock towards t-handle slide.
2. While pressed, turn the t-handle lock clockwise and release.
3. Slide the spring and the t-handle slide up the t-handle shaft to disengage the four pegs from the four holes.
4. End of disassembly.

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



Assembly Instructions

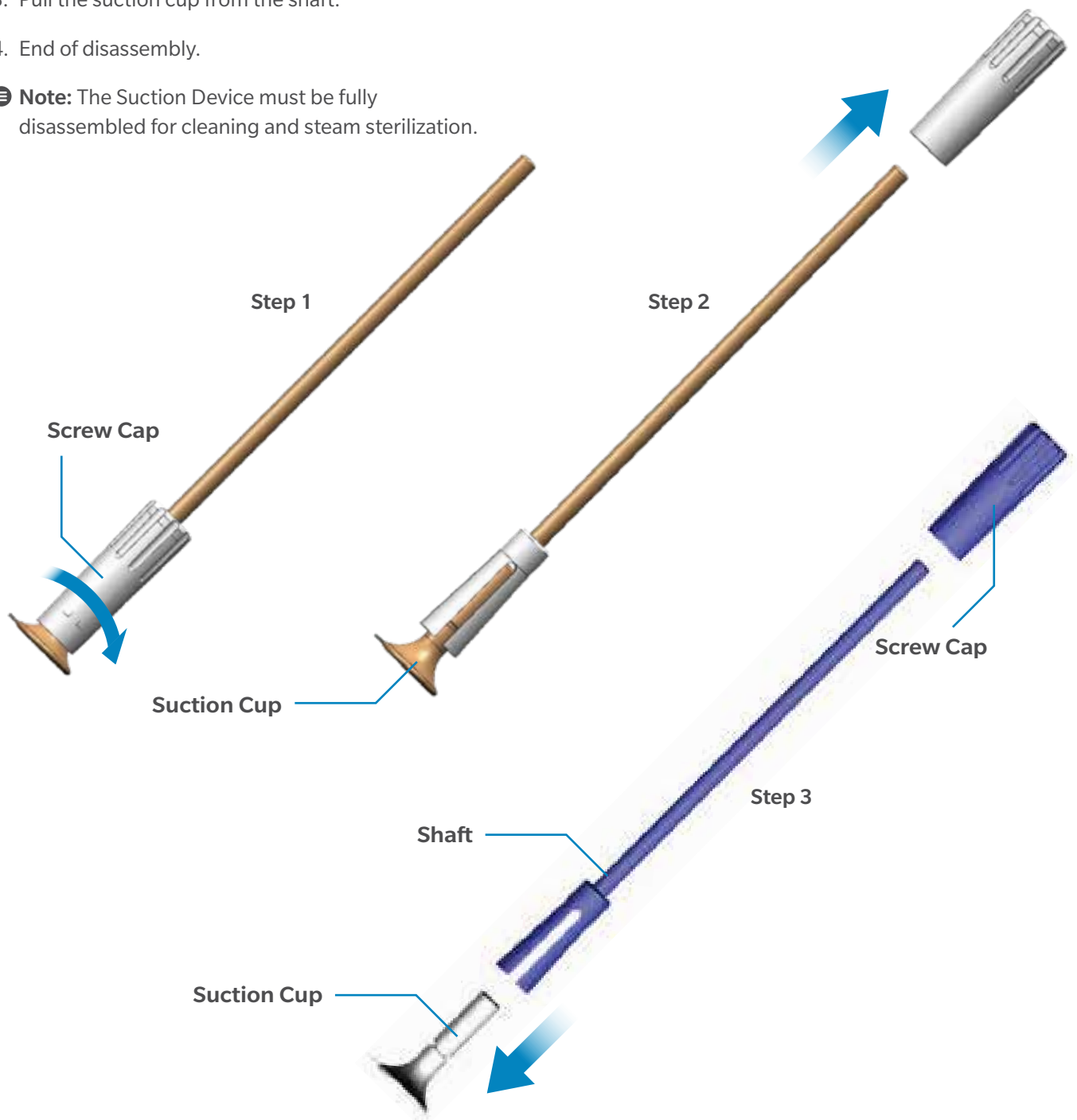
1. Move the t-handle slide, spring, and t-handle lock down the shaft and push the four pins of the into the four holes of the t-handle shaft.
2. Push the t-handle lock towards the t-handle slide, compressing the spring.
3. While pressed, turn the t-handle lock counter clockwise and release.
4. End of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



Disassembly Instructions

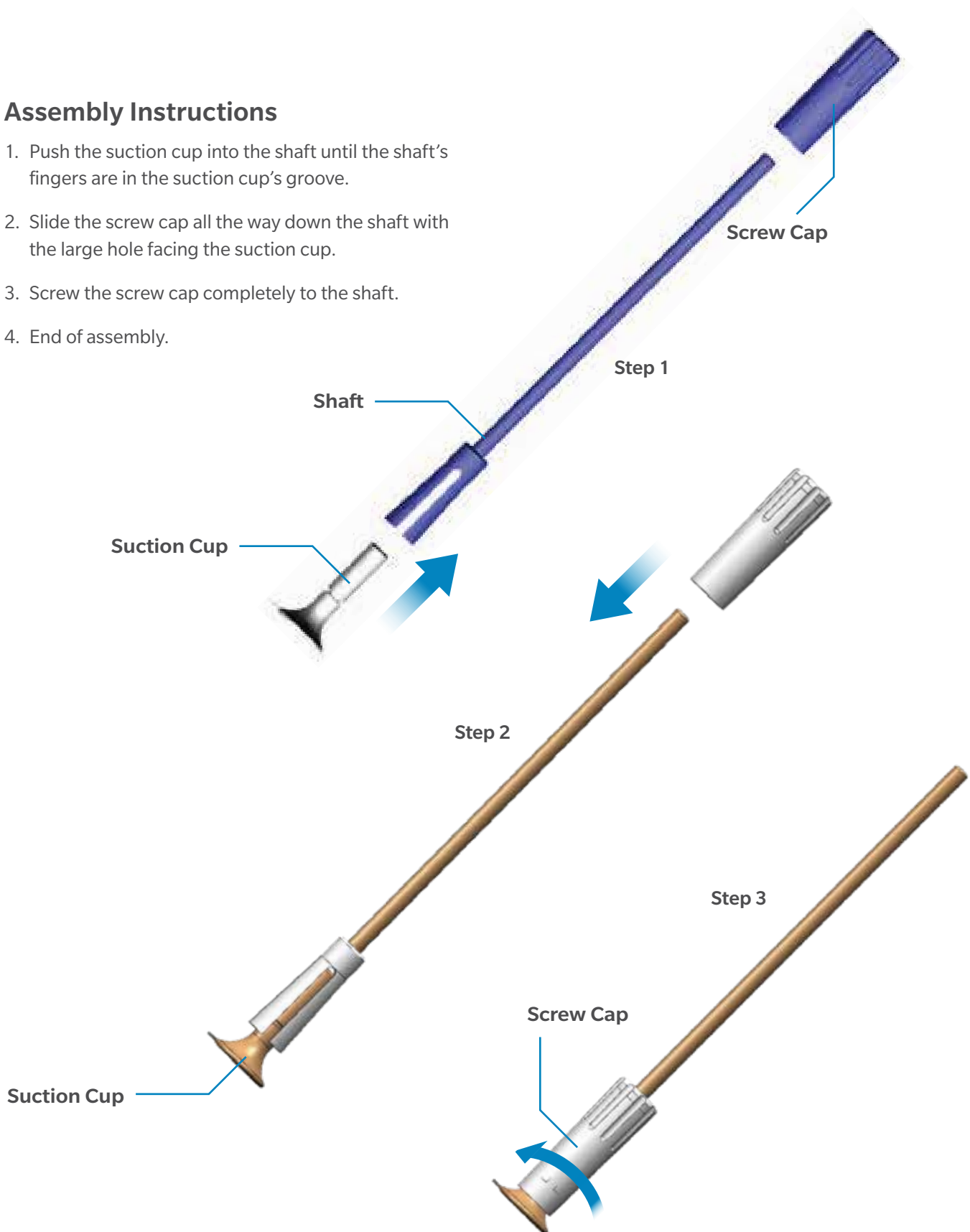
1. Unscrew the screw cap.
2. Slide screw cap off of the shaft.
3. Pull the suction cup from the shaft.
4. End of disassembly.

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



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.



Posterior Referencing Sizer

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

Spacer Block Assemblies

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

Tensor Assemblies

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

Tibial Articular Surface Provisional (TASP)

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

42-5279-004-04	PSN CONST TASP SHIM EF 14 MM
42-5279-005-00	PSN A/S PROV SHIM, 10 MM EF
42-5279-005-01	PSN A/S PROV SHIM, 11 MM EF
42-5279-005-02	PSN A/S PROV SHIM, 12 MM EF
42-5279-005-03	PSN A/S PROV SHIM, 13 MM EF
42-5279-005-04	PSN A/S PROV SHIM, 14 MM EF
42-5279-006-00	PSN CONST TASP SHIM GH 10 MM
42-5279-006-02	PSN CONST TASP SHIM GH 12 MM
42-5279-006-04	PSN CONST TASP SHIM GH 14 MM
42-5279-007-00	PSN A/S PROV SHIM, 10 MM GH
42-5279-007-01	PSN A/S PROV SHIM, 11 MM GH
42-5279-007-02	PSN A/S PROV SHIM, 12 MM GH
42-5279-007-03	PSN A/S PROV SHIM, 13 MM GH
42-5279-007-04	PSN A/S PROV SHIM, 14 MM GH
42-5279-008-00	PSN CONST TASP SHIM J 10 MM
42-5279-008-01	PSN CONST TASP SHIM J 11 MM
42-5279-008-02	PSN CONST TASP SHIM J 12 MM
42-5279-008-03	PSN CONST TASP SHIM J 10 MM
42-5279-008-04	PSN CONST TASP SHIM J 14 MM
42-5279-009-00	PSN A/S PROV SHIM, 10 MM J
42-5279-009-00	PSN A/S PROV SHIM, 10 MM J
42-5279-009-01	PSN A/S PROV SHIM, 11 MM J
42-5279-009-01	PSN A/S PROV SHIM, 11 MM J
42-5279-009-02	PSN A/S PROV SHIM, 12 MM J
42-5279-009-02	PSN A/S PROV SHIM, 12 MM J
42-5279-009-03	PSN A/S PROV SHIM, 13 MM J
42-5279-009-03	PSN A/S PROV SHIM, 13 MM J
42-5279-009-04	PSN A/S PROV SHIM, 14 MM J
42-5279-009-04	PSN A/S PROV SHIM, 14 MM J

Liner Inserter

00-6260-017-22	LINER INSERTER MECHANICAL 22 MM
00-6260-017-26	LINER INSERTER MECHANICAL 26 MM
00-6260-017-28	LINER INSERTER MECHANICAL 28 MM
00-6260-017-32	LINER INSERTER MECHANICAL 32 MM
00-6260-017-36	MECH LINER INSERTER 36 MM
00-6260-017-40	MECH LINER INSERTER 40 MM

Appendix A – Parts Index (cont.)

AO Collet Handle with Spin Cap

00-2366-015-00 AO COLLET HANDLE

Modular Tap Handle

00-8790-005-30 MODULAR TAP HANDLE

Straight Universal Handle

00-8790-010-00 STRAIGHT UNIVERSAL HANDLE

Acetabular Drill

00-8000-214-00 ZCA ACETABULAR DRILL, 6 MM

00-8000-215-00 ZCA ACETABULAR DRILL, 13 MM

00-8000-216-00 ZCA ACETABULAR DRILL, 10 MM

Tensioner and Tensioner Bit

00-2232-060-01 CABLE TENSIONER

00-2232-060-18 CABLE TENSIONER BIT STD LNG

Drill Guide Block

00-2366-099-01 DRILL GUIDE BLOCK RTN SCREW

00-2366-099-50 NARROW DRILL GUIDE BLOCK LEFT

00-2366-099-51 NARROW DRILL GUIDE BLOCK RIGHT

00-2366-099-52 STD. DRILL GUIDE BLOCK LEFT

00-2366-099-53 STD. DRILL GUIDE BLOCK RIGHT

00-2366-099-54 WIDE DRILL GUIDE BLOCK LEFT

00-2366-099-55 WIDE DRILL GUIDE BLOCK RIGHT

Impactor

00-1193-006-00 IMPACTOR

00-1193-055-00 IMPACTOR

Locking Entry Cannula

00-2490-013-04 LOCKING ENTRY CANNULA

3.5/2.7 MM Screw Depth Gauge

00-2360-040-35 3.5/2.7 MM LOCKING SCREW STANDARD DEPTH GAUGE

Retrograde Femur Depth Gauge

00-2490-065-85 RETROGRADE FEMUR DEPTH GAUGE

Small Depth Gauge 60 mm

00-4810-002-01 SMALL DEPTH GAUGE 60 MM

T-Handle

00-8401-002-00 T-HANDLE

Suction Device

01.04239.850 SUCTION DEVICE

Modular Case Bracket

00-5907-083-72 MOD BRKT PSN MC TASP L 4-9 CD

00-5907-083-73 MOD BRKT PSN MC TASP L 4-11 EF

00-5907-083-74 MOD BRKT PSN MC TASP L 8-12 GH

00-5907-083-75 MOD BRKT PSN MC TASP L 12J

00-5907-071-04 PSN ¼ SIZE SHELL

00-5907-071-02 PSN 1/2 SIZE SHELL

00-5907-071-00 PSN FULL SIZE SHELL

00-5907-083-77 MOD BRKT PSN MC TASP R 4-9 CD

00-5907-083-78 MOD BRKT PSN MC TASP R 4-11 EF

00-5907-083-79 MOD BRKT PSN MC TASP R 8-12 GH

00-5907-083-80 MOD BRKT PSN MC TASP R 12J

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Authorized Representative

Zimmer U.K. Ltd.
9 Lancaster Place
South Marston Park
Swindon, SN3 4FP
UK



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Legal Manufacturer

Zimmer, Inc.
1800 West Center Street
Warsaw, Indiana 46580
USA

www.zimmerbiomet.com



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