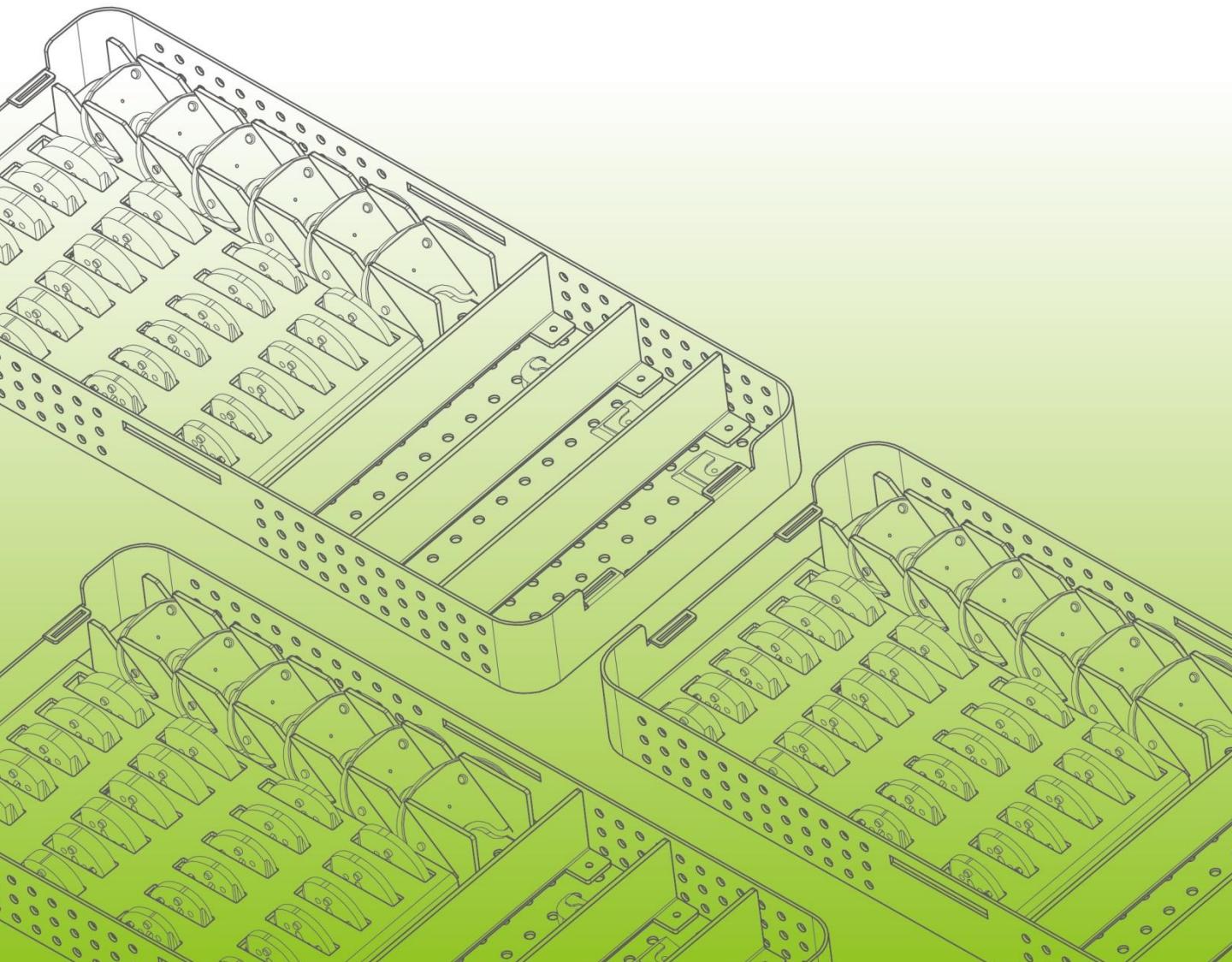




KNEE instrument Disassembly and Specific Cleaning Manual



Content

Clinical Cleaning – Graphical Symbols	I
C-ring Feature.....	III
Slot and Hole Feature.....	IV
Slide Feature.....	V
EX. 9303-5101.....	V
EX. 9303-5301.....	V
EX. 9303-5311.....	V
Caliper.....	1
EX. 9401-7012.....	1
Distal Spacer.....	2
EX. 9303-5402~5408.....	2
Femoral Driver.....	3
EX. 9303-5110~5110-RD.....	3
EX. 9304-5101.....	4
Femoral IM Alignment Guide.....	5
EX. 9303-2105.....	5
EX. 9303-2111-RA.....	5
EX. 9303-2706.....	5
EX. 9304-2101.....	6
Femoral Sizer, anterior reference.....	7
EX. 9301-2285.....	7
EX. 9301-7101.....	7
EX. 9303-7101~7101-RE.....	7
Femoral Sizer-A/P Resection Guide.....	8
EX. 9304-7101.....	8
Femoral Stylus.....	9
EX. 9304-7102.....	9
Femoral Valgus Adaptor.....	10
EX. 9303-5333-RB~5334-RB.....	10

Head Pin Impactor.....	11
EX. 9304-5107.....	11
IM Rod Handle.....	12
EX. 9304-1101.....	12
MB Tibial Insert Trial Adaptor.....	13
EX. 9403-5105.....	13
Modular Handle.....	14
EX. 9304-1103.....	14
Offset Adaptor Trial, 6 mm.....	15
EX. 2903-2030.....	15
On Set Patellar Resection Guide.....	16
EX. 9404-2301.....	16
EX. 9404-2301-RA.....	16
Patella Clamp.....	17
EX. 9404-5305.....	17
Patellar Reamer Stopper.....	18
EX. 9401-4205.....	18
Patellar Resection Clamp.....	19
EX. 9401-5302-RB.....	19
Patellar Stylus.....	20
EX. 9404-7301.....	20
Pin Extractor.....	21
EX. 9303-5002.....	21
EX. 9304-5106.....	22
PS Reamer.....	23
EX. 9304-4101.....	23
EX. 9303-4101-RD.....	23
EX. 9303-4101-RF.....	23

Quick Pin Driver.....	24
EX. 9303-5001-RA.....	24
EX. 9304-5105.....	24
Stem Trial Driver.....	25
EX. 9303-1101.....	25
T-handle Assembly.....	26
EX. 9301-1100.....	26
EX. 9301-1300.....	26
Tibial Baseplate Driver.....	27
EX. 9403-5101.....	27
EX. 9403-5101-RC.....	27
Tibial Baseplate Trial Handle.....	28
EX. 9403-1202.....	28
EX. 9403-1203.....	28
Tibial EM Alignment Guide.....	29
EX. 9403-2104-RA.....	29
EX. 9403-2108.....	31
EX. 9404-2101.....	33
Tibial IM Alignment Guide	35
EX. 9403-2103.....	35
EX. 9403-2103-RA.....	35
EX. 9403-2310.....	35
Tibial Insert Trial Handle.....	36
EX. 9404-1103.....	36
Tibial Punch Handle.....	37
EX. 9403-1101.....	37
EX. 9403-1101-RC.....	37
EX. 9403-1102-RC.....	37
EX. 9404-1101.....	38

Clinical Cleaning – Graphical Symbols

Pictogram	Title Description	Standard/Ref. No.
	Direction in general Direction of the motion or force (push, pull and bend)	ISO 14617-2 / 241
	Alternative directions in general Two-way direction of the motion or force.	ISO 14617-2 / 241
	Limited rectilinear motion To indicate limited rectilinear motion.	ISO 7000 / IEC 60417 / 0001
	Direction of continuous rotation To indicate that a control, or an object by means of a control, can be moved in a clockwise rotary motion.	ISO 7000 / IEC 60417 / 0004
	Limited rotation To indicate limited rotary motion in a clockwise direction.	ISO 7000 / IEC 60417 / 0006
	Rotation in two directions To indicate that a control, or an object by means of a control, can be moved in a clockwise and anticlockwise rotation.	ISO 7000 / IEC 60417 / 0005
	Rotational movement clockwise To indicate clockwise rotational movement with the axis of rotation parallel to the direction of production.	ISO 7000 / IEC 60417 / 0978
	Rotational movement anticlockwise To indicate anticlockwise rotational movement with the axis of rotation parallel to the direction of production.	ISO 7000 / IEC 60417 / 0976
	Lock; tighten To indicate the function of locking or clamping two machine parts together, or location of a machine element in a fixed position.	ISO 7000 / IEC 60417 / 0018
	Unlock; unclamp To indicate the function of releasing two machine elements locked or clamped together, or the releasing of a machine element from a fixed position.	ISO 7000 / IEC 60417 / 0019
	Limited rotation and return To indicate limited successive motion in clockwise and anticlockwise directions	ISO 7000 / IEC 60417 / 0007
	Caution Caution or Instructions for Use.	ISO 15223-1 / 5.4.4 EN 980 / 5.11

	Tap water flush To identify an open water tap or connection or the control to open up the water supply.	ISO 7000 / IEC 60417 / 5574
	Spraying Spraying use syringes, pipettes and/or water jet.	ISO 7000 / IEC 60417 / 0073
	Rotary brush Use the Pipe brush or Test tube brush with threading or twisting motion.	ISO 7000 / IEC 60417 / 0307
	Locking To identify on a control that a function is locked or to show the locked status.	ISO 7000 / IEC 60417 / 5569
	Unlocking To identify on a control that a function is not locked or to show the unlocked status.	ISO 7000 / IEC 60417 / 5570
	Manufacturer Indicate the medical device manufacturer, as defined in EU Directives 90/385/EEC, 93/42/EEC and 98/79/EC.	ISO 15223-1 / 5.1.1 EN 980 / 5.12
	Authorized representative in the European Community Indicate the authorized representative in the European Community.	ISO 15223-1 / 5.1.2 EN 980 / 5.13
	Success To identify the control to acknowledge affirmatively and to indicate the status of acknowledgement, or to indicate the successful status.	ISO 7000 / IEC 60417 / 6334A
	Failure To indicate the status of negative acknowledgement, or to indicate the failed status.	ISO 7000 / IEC 60417 / 6335B



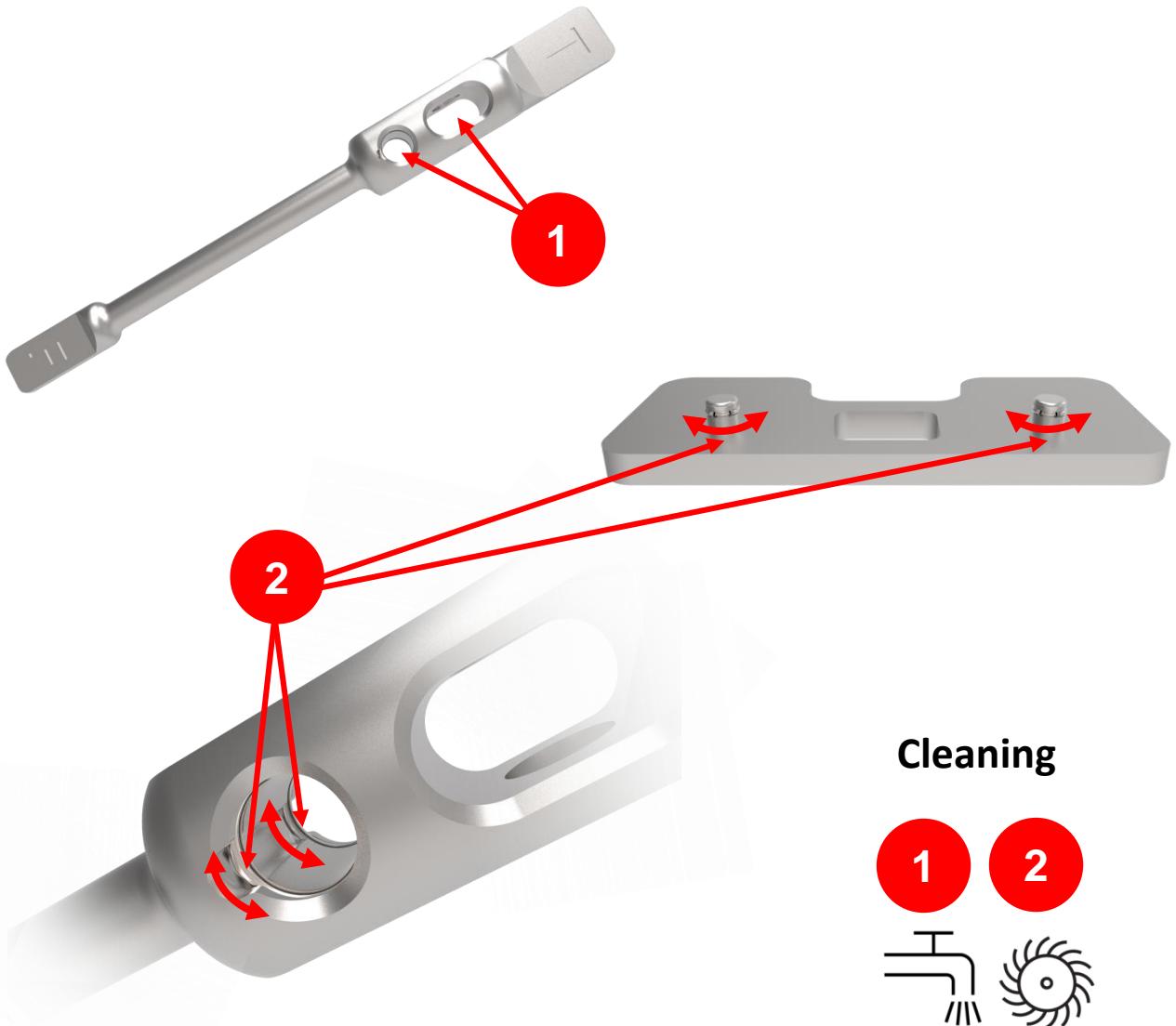
FOR MORE DETAILED CLEANING PROCEDURES PLEASE REFER TO UOC-UM-UN-00029
(MT50867), REPROCESSING INSTRUCTIONS FOR REUSABLE SURGICAL INSTRUMENTS.



United Orthopedic Corporation
No. 57, Park Ave 2, Science Park,
Hsinchu, 300, Taiwan.
TEL: +886-3-5773351
FAX: +886-3-5777156
E-MAIL: service@uoc.com.tw

mdi Europa GmbH
Langenhagener Straße 71
30855 Langenhagen, Germany
TEL: +49-511-3908 9530
FAX: +49-511-3908 9539

C-ring Feature

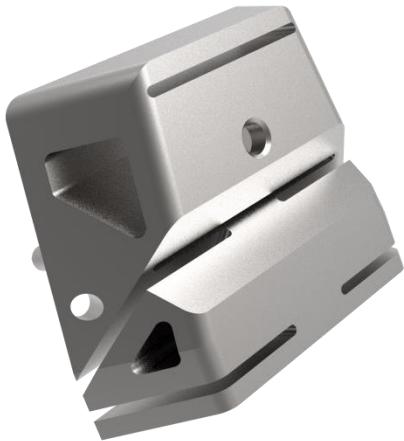
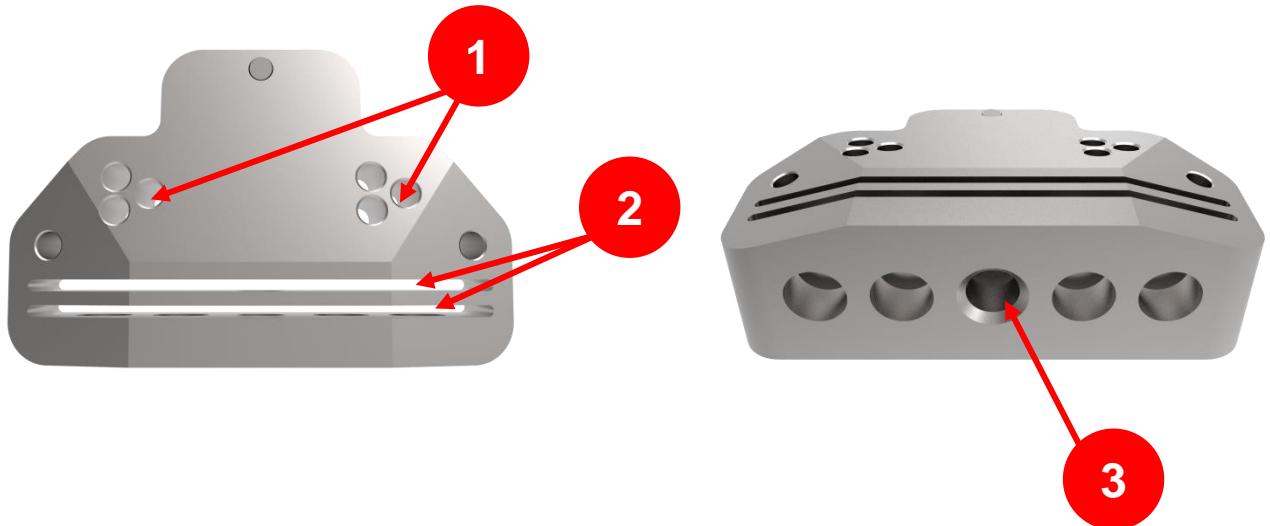


The illustration is show **Distal Femoral Plate** and **EM Alignment Tower**.



Turn C-ring, but do not push hard.

Slot and Hole Feature



Cleaning

- 1
- 2
- 3



The illustration is show **Distal Femoral Cutting Guide** and **Femoral A/P Chamfer Cutting Guide**.



Flush and brush each hole and slot.

Slide Feature

Spike and Tibial EM Guide Extractor



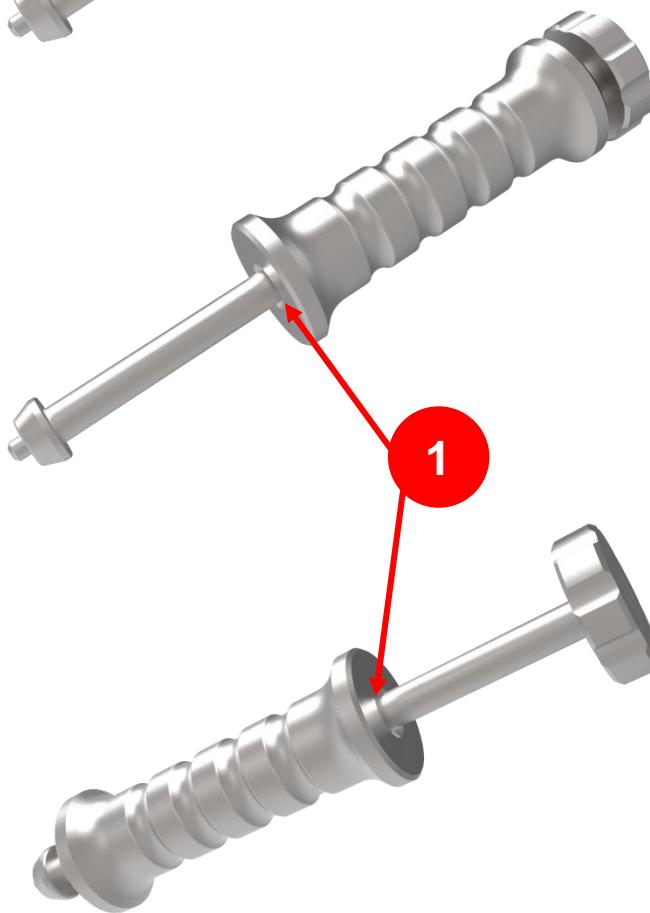
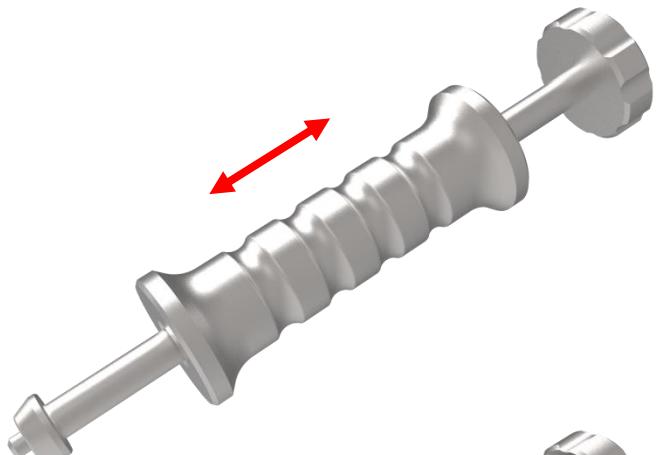
EX. 9303-5101

Chamfer Guide Extractor

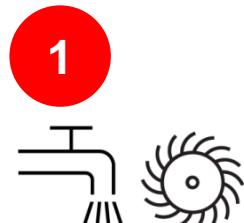
EX. 9303-5301

Sliding Hammer

EX. 9303-5311

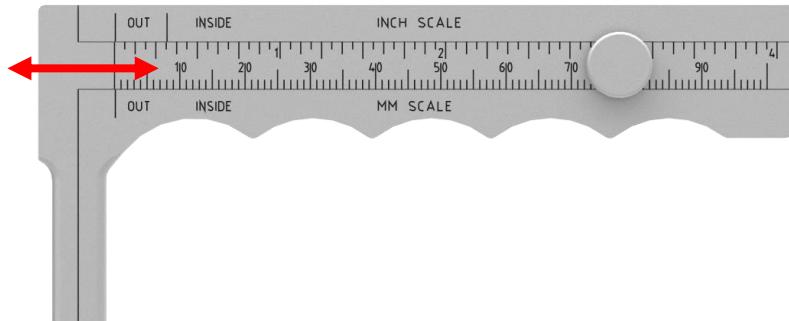


Cleaning

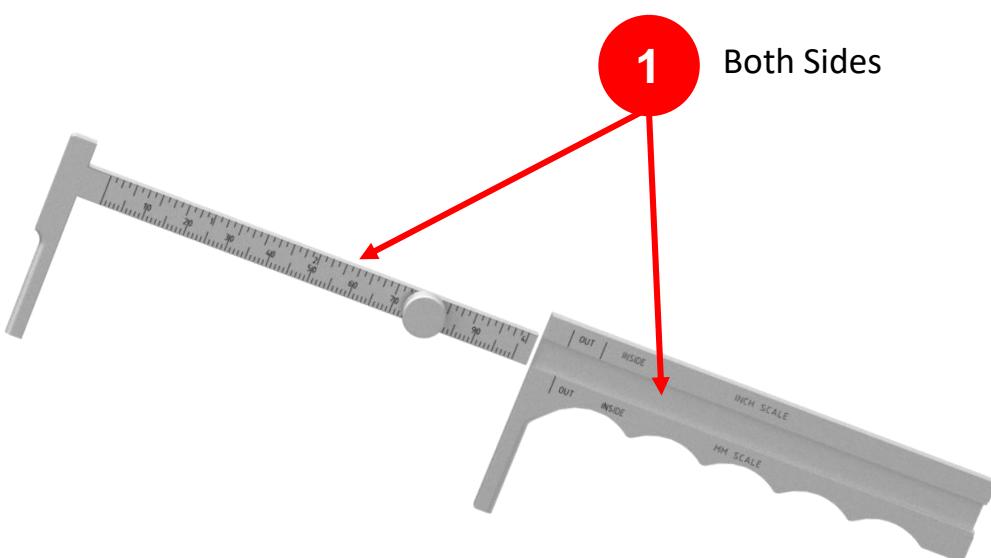
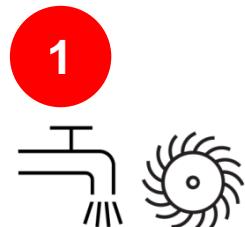


Caliper

EX. 9401-7012



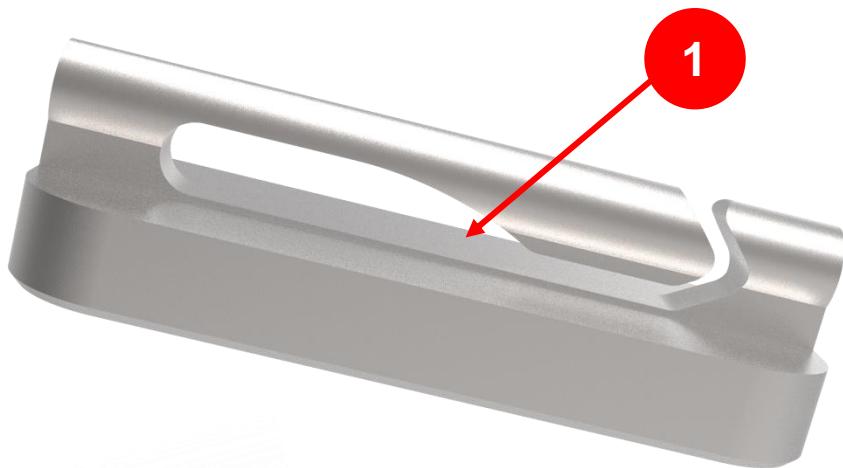
Cleaning



Distal Spacer



EX. 9303-5402~5408



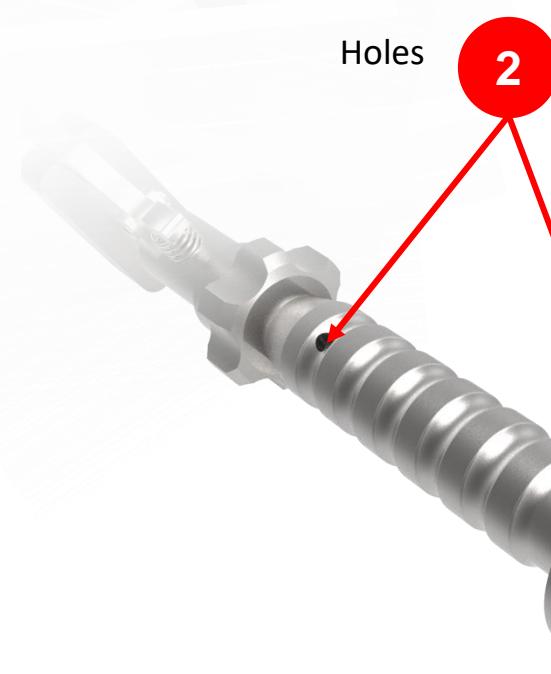
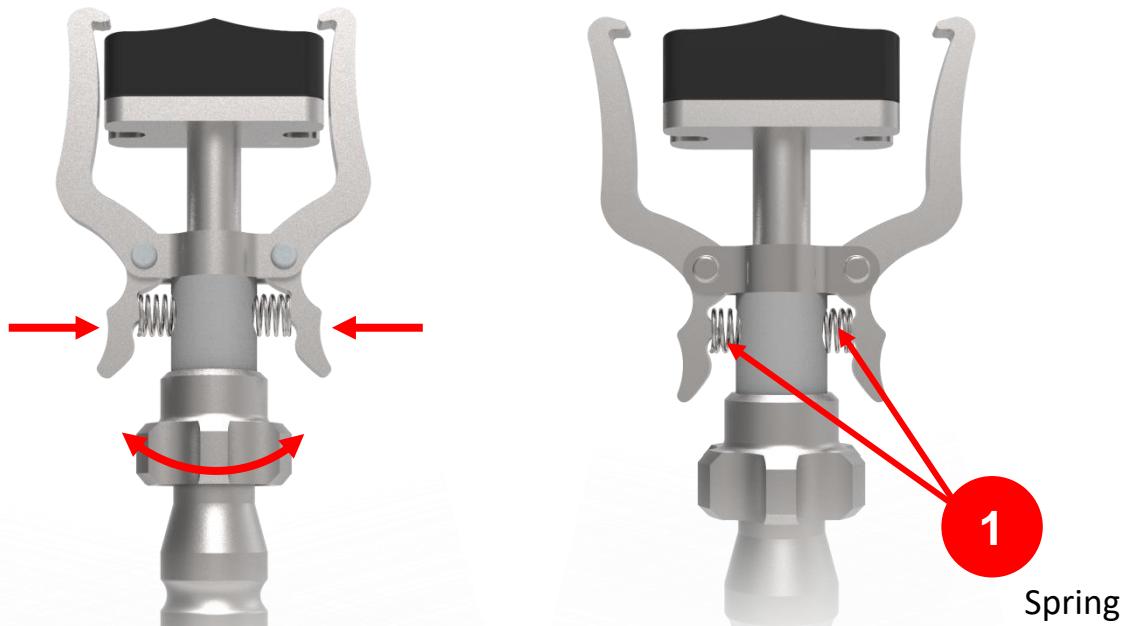
Cleaning



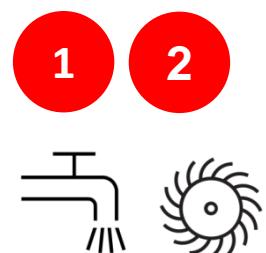
Femoral Driver



EX. 9303-5110~5110-RD

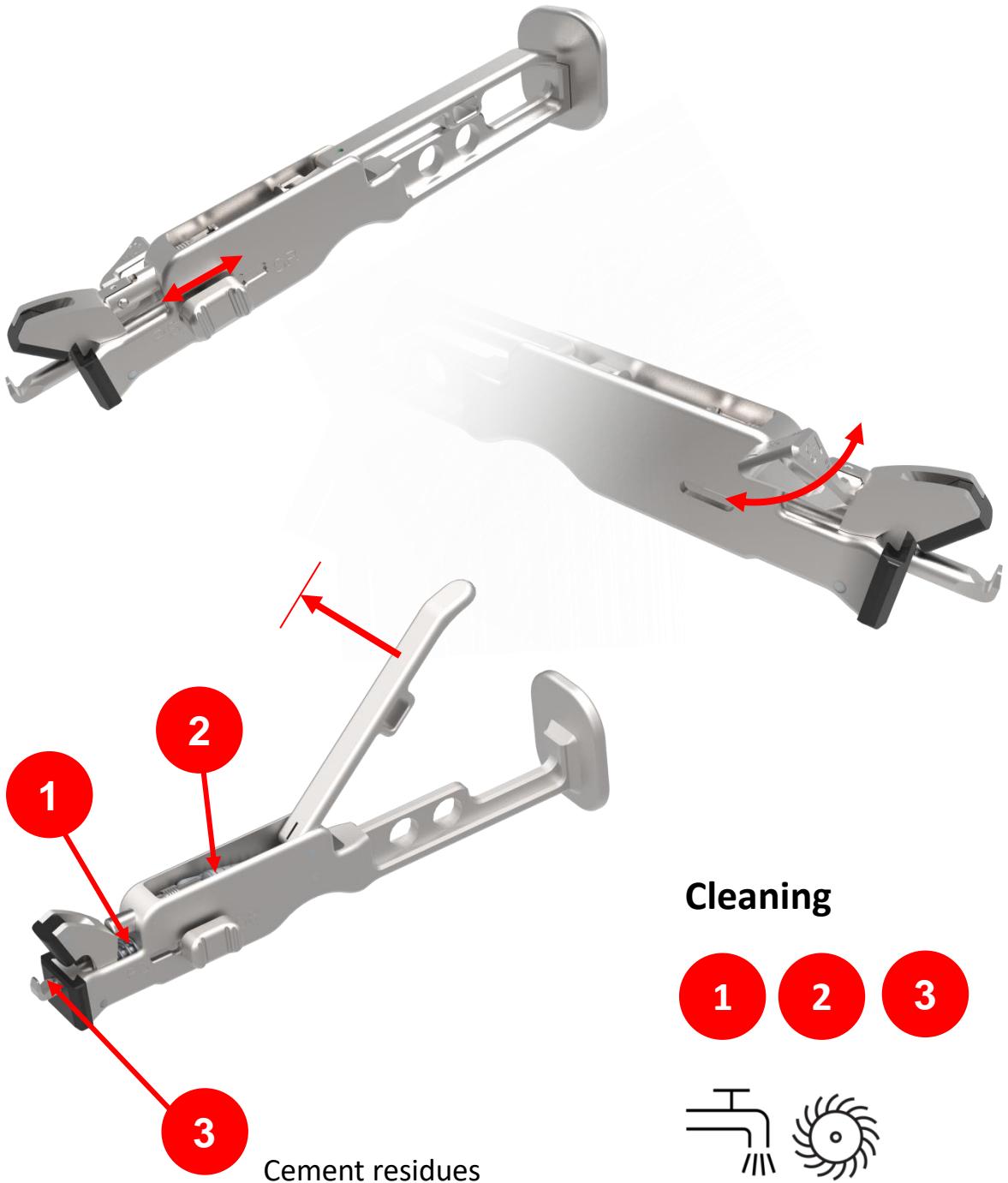


Cleaning



Femoral Driver

EX. 9304-5101



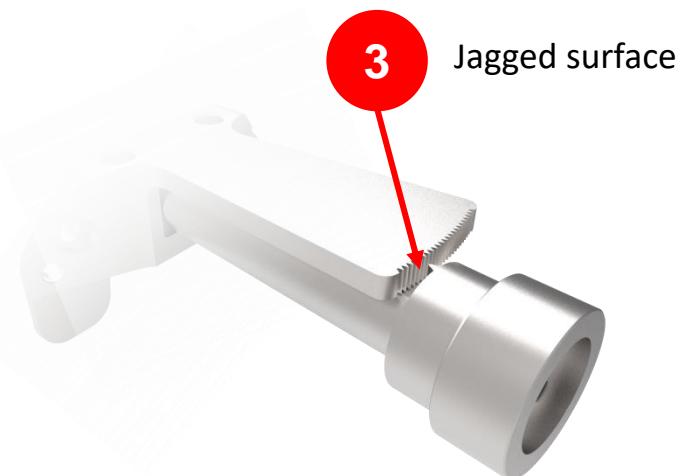
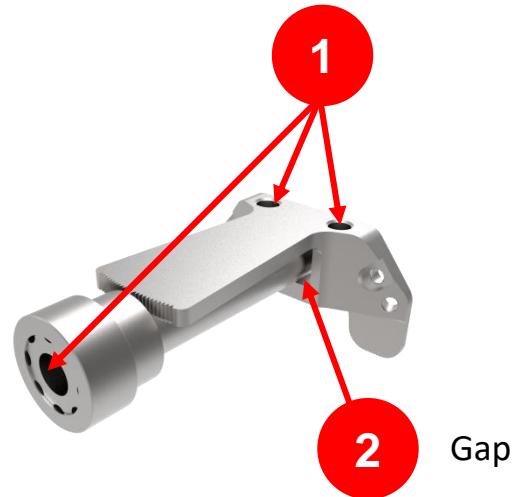
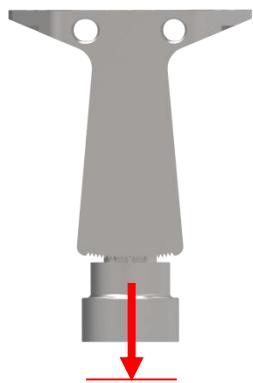
Femoral IM Alignment Guide



EX. 9303-2105

EX. 9303-2111-RA

EX. 9303-2706

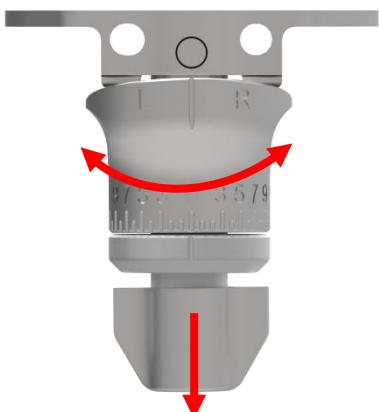


Cleaning

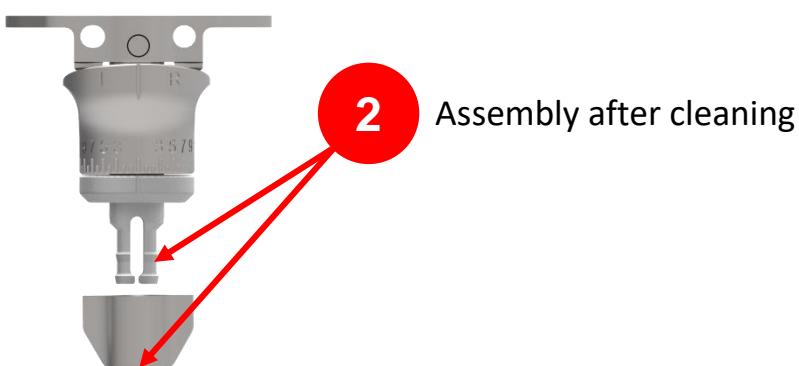
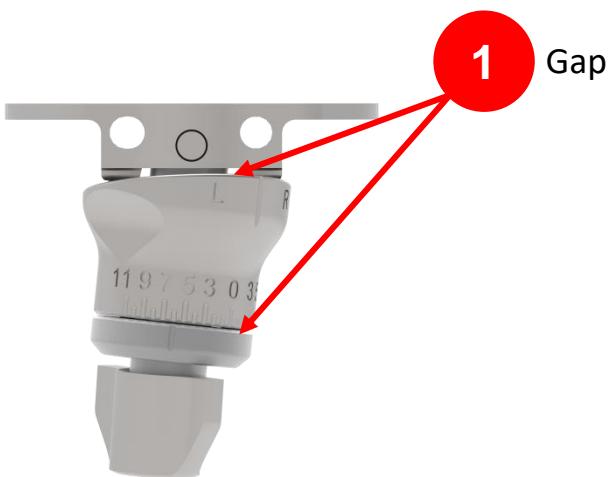


Femoral IM Alignment Guide

EX. 9304-2101



Cleaning



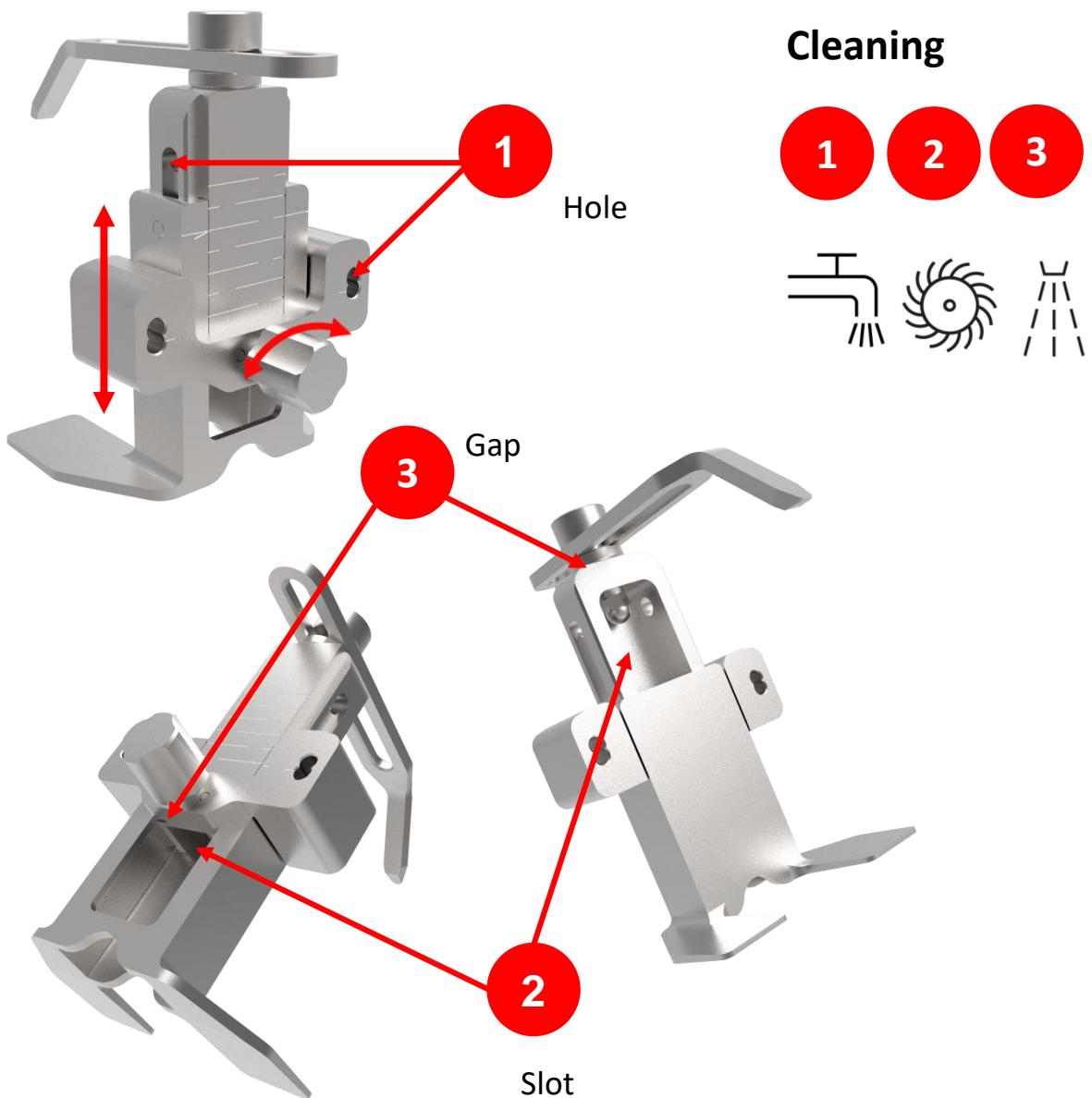
Femoral Sizer, Anterior Reference



EX. 9301-2285

EX. 9301-7101

EX. 9303-7101~7101-RE



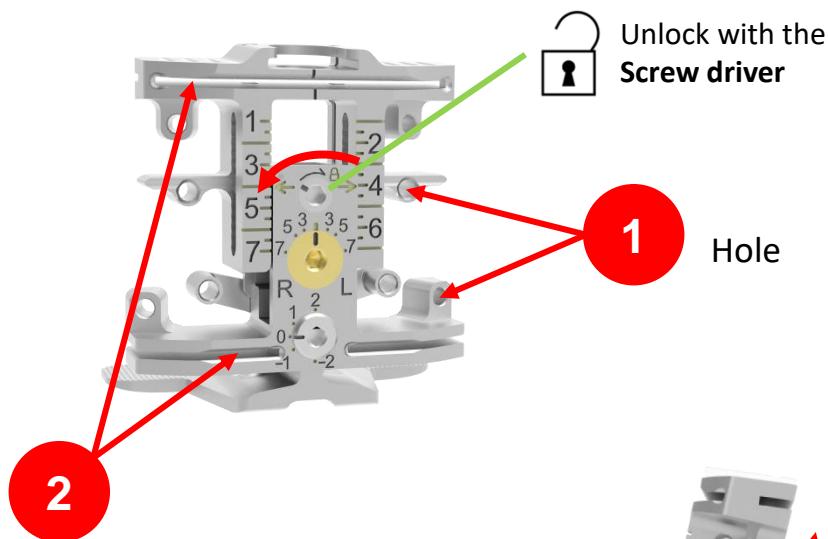
Flush and spray small gaps.

Femoral Sizer-A/P

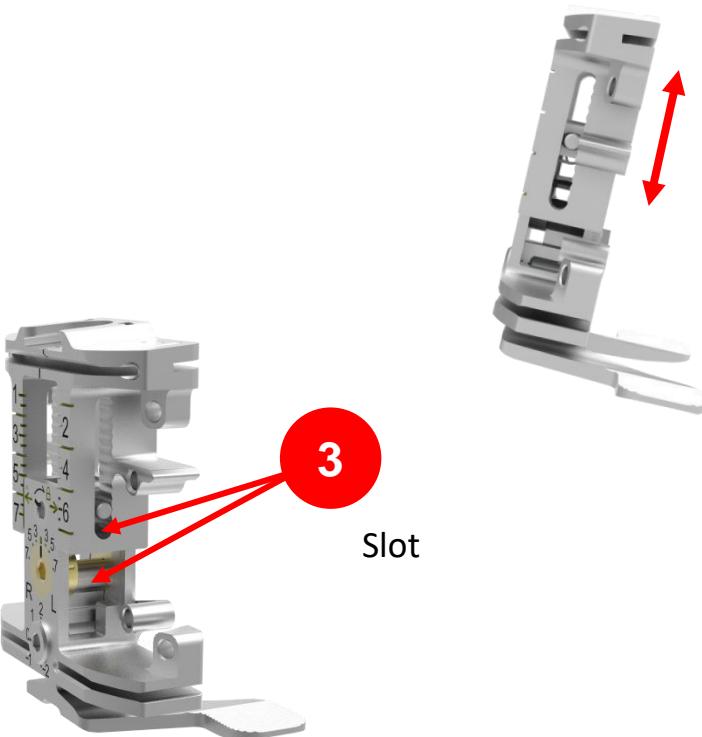
Resection Guide



EX. 9304-7101



9304-1102



Cleaning



Be careful about flush and spray small gaps.

Femoral Stylus

EX. 9304-7102



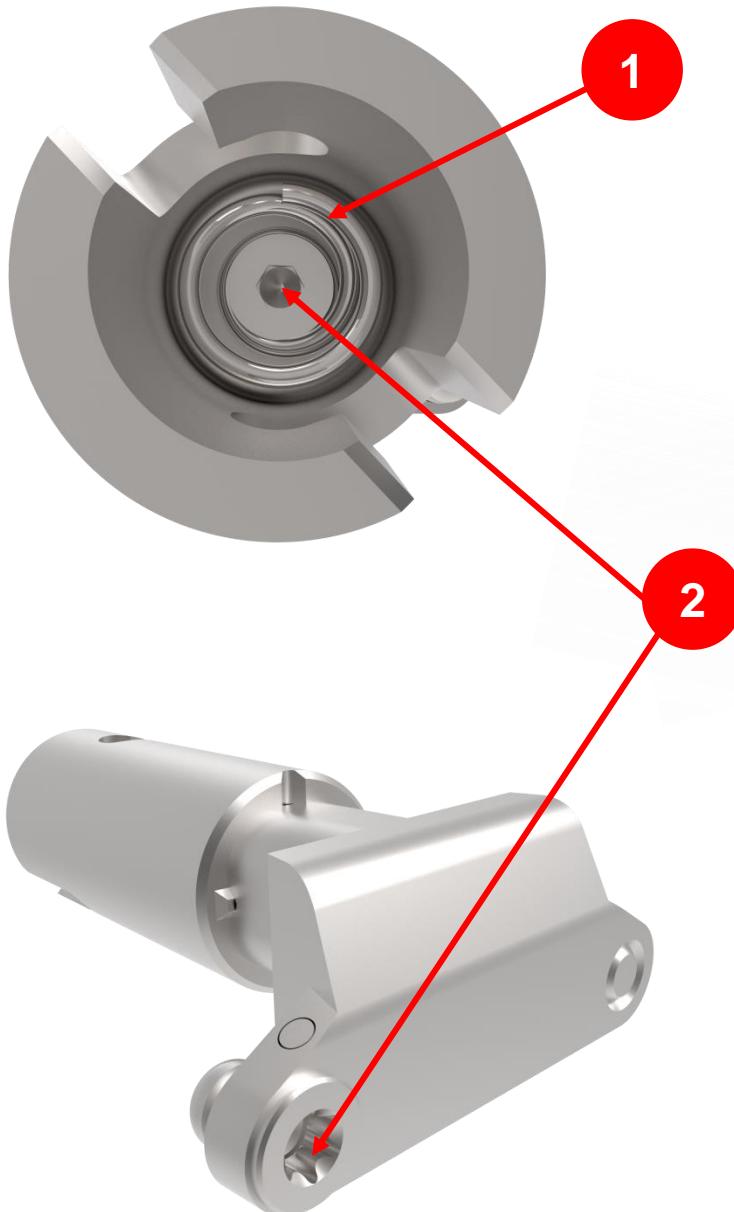
Cleaning



Femoral Valgus Adaptor



EX. 9303-5333-RB~5334-RB



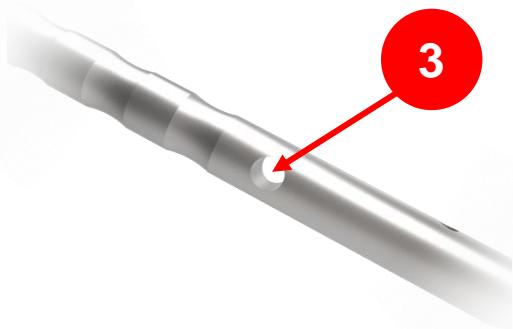
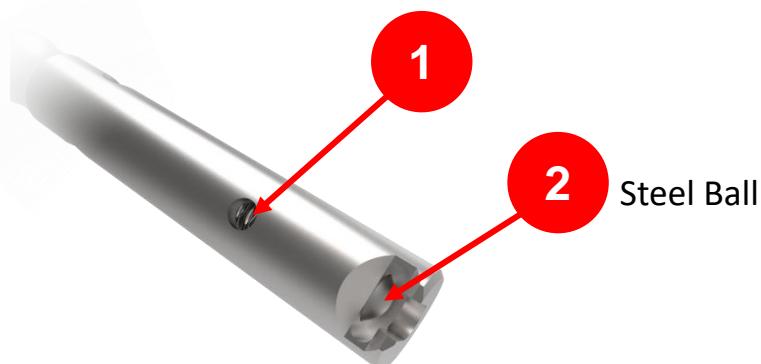
Cleaning



Head Pin Impactor



EX. 9304-5107



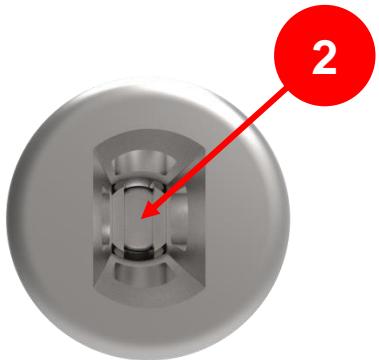
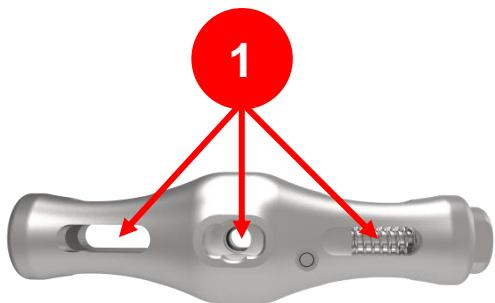
Cleaning

- 1
- 2
- 3

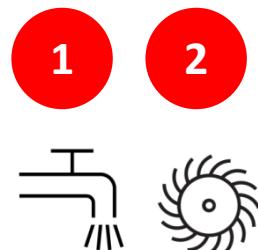


IM Rod Handle

EX. 9304-1101



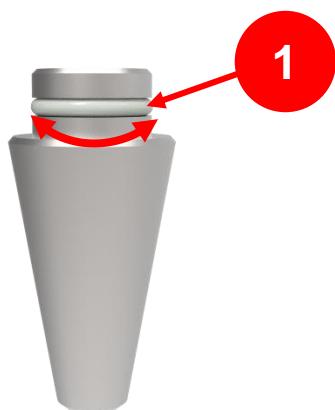
Cleaning



MB Tibial Insert Trial Adaptor



EX. 9403-5105

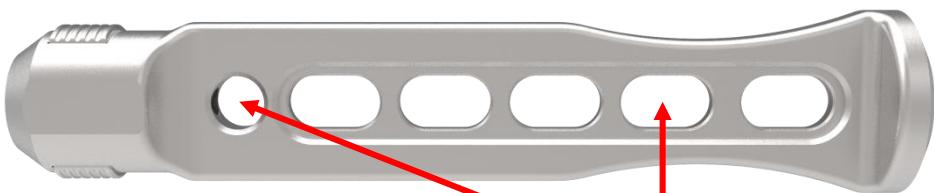


Cleaning



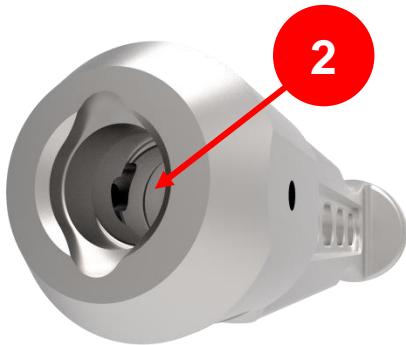
Modular Handle

EX. 9304-1103



1

All of Holes



Cleaning

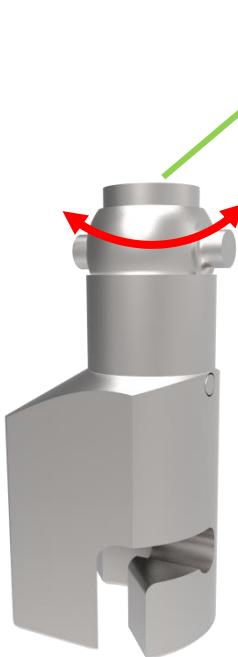


Offset Adaptor Trial, 6 mm



EX. 2903-2030

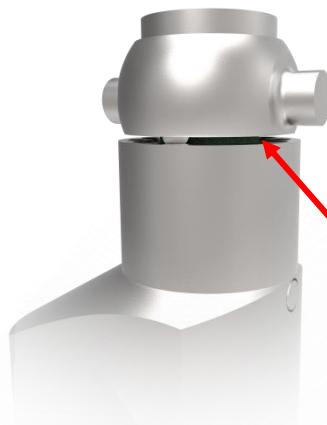
Utilize **Screw Driver Adaptor** to loosen and tighten.



9403-5331-RA

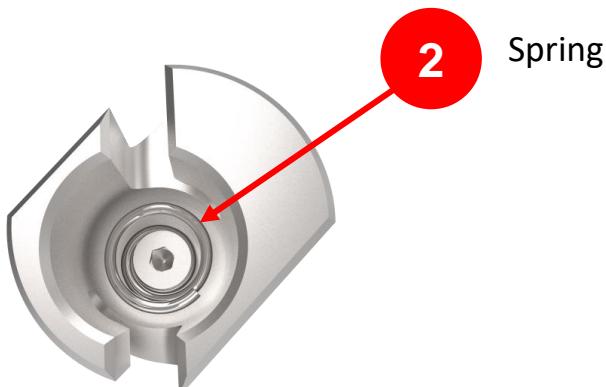


9303-5329



1

Gap



2

Spring

Cleaning

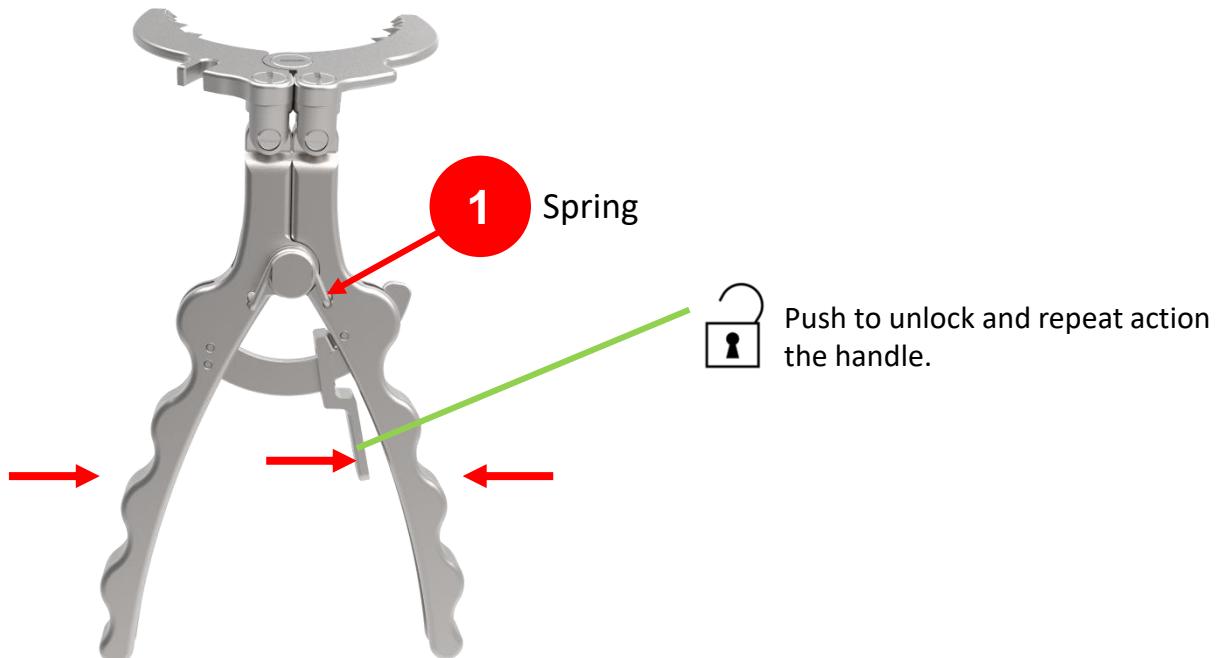


On Set Patellar Resection Guide

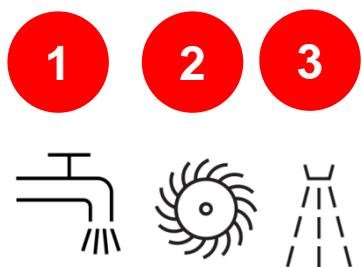
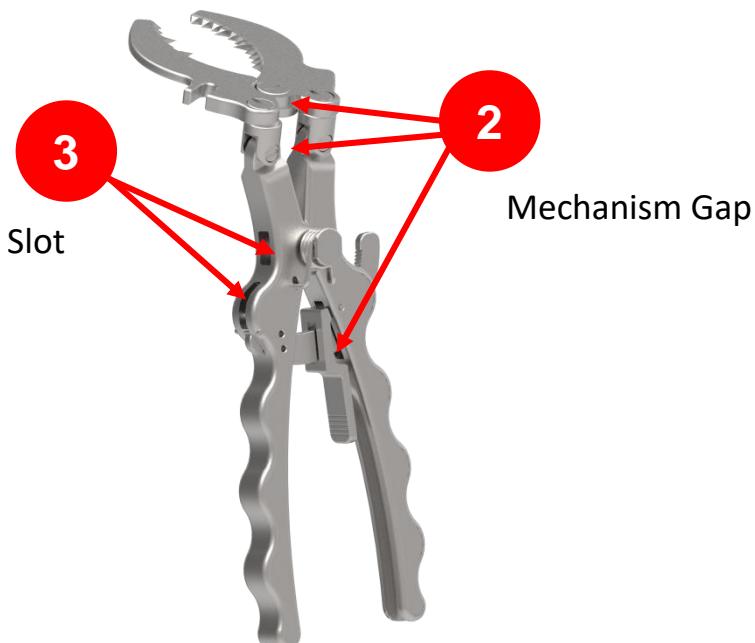


EX. 9404-2301

EX. 9404-2301-RA



Cleaning



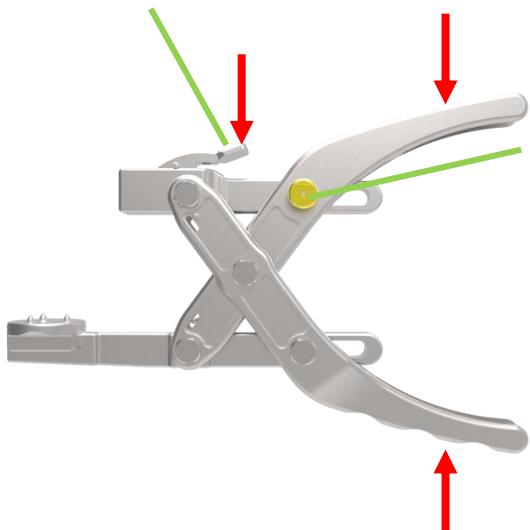
⚠️ Flush and spray small gaps.

Patella Clamp

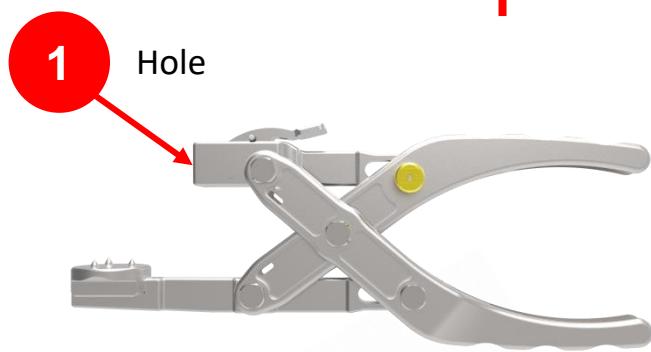
EX. 9404-5305



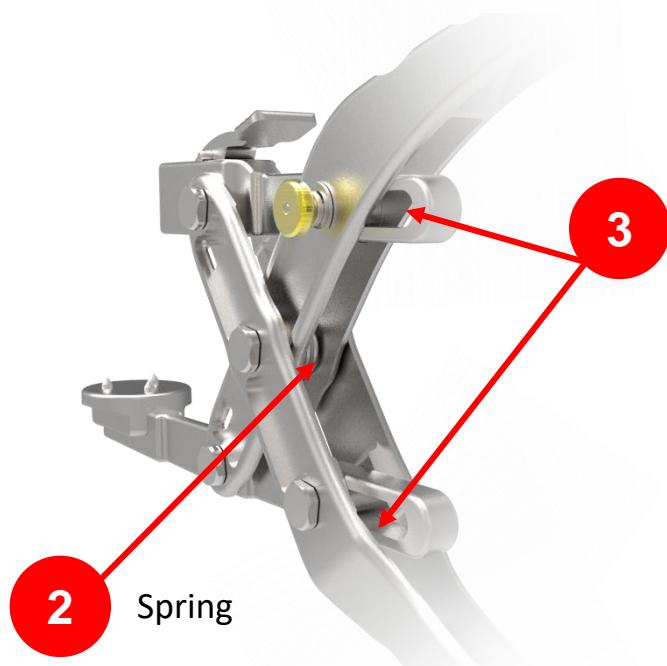
Push to disassemble the **front part**.



Push to unlock and repeat action the handle.



Cleaning



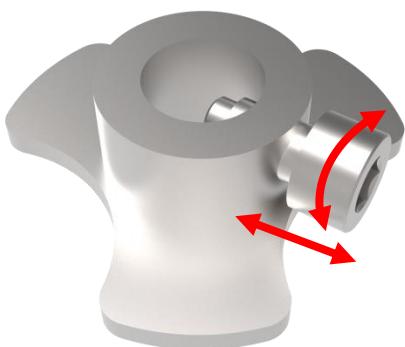
Flush and spray small gaps.

Patellar Reamer Stopper

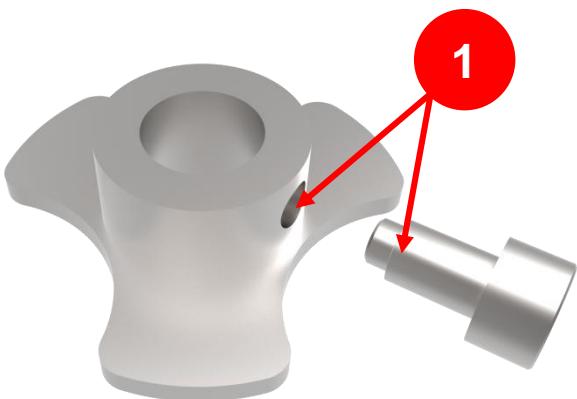


EX. 9401-4205

Disassembly & Assembly



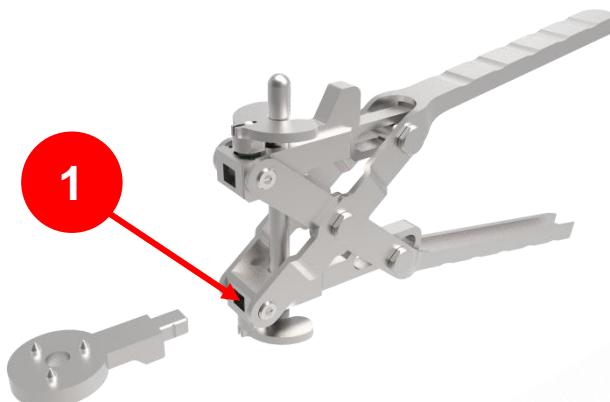
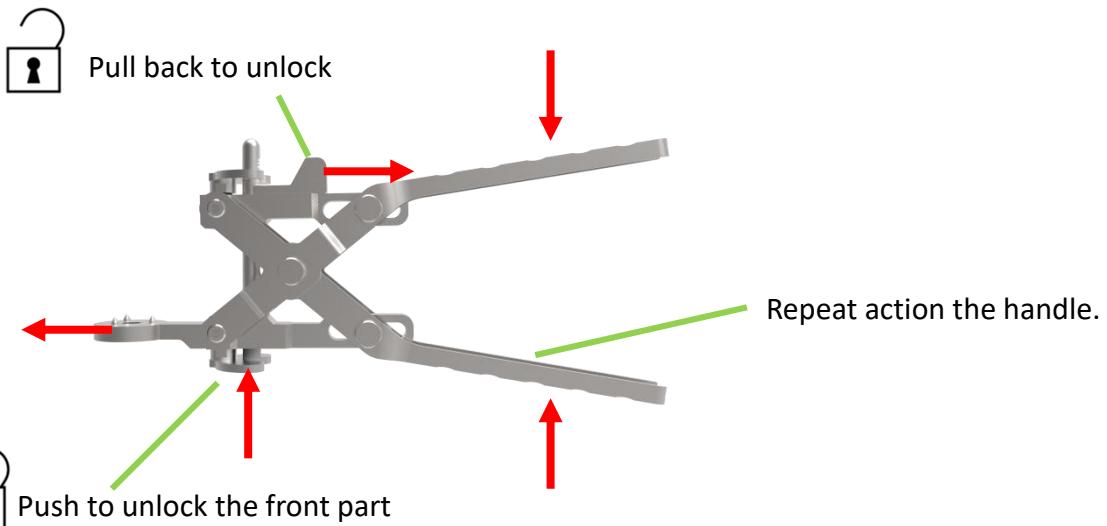
Cleaning



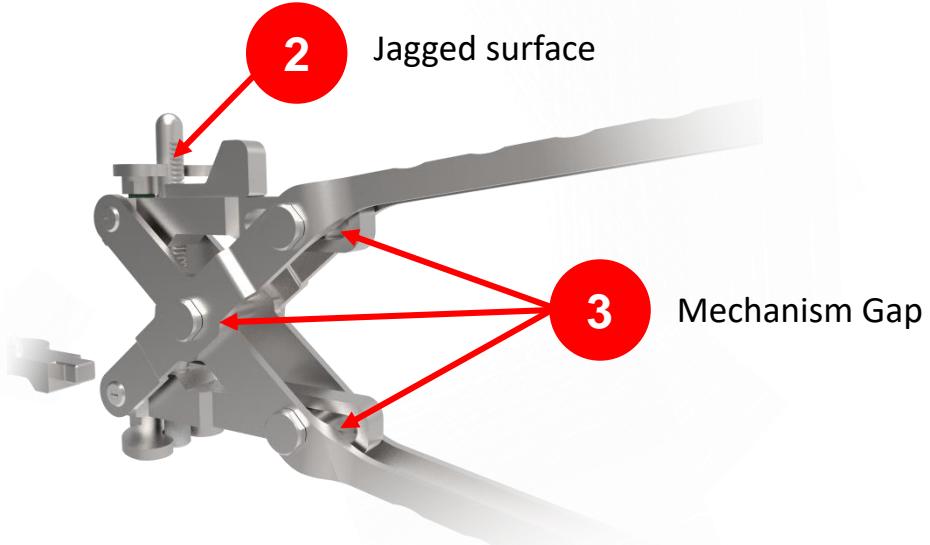
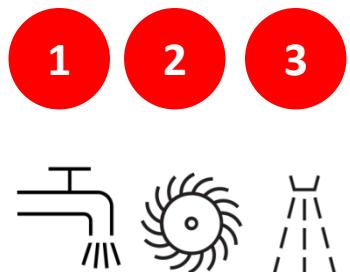
Patellar Resection Clamp



EX. 9401-5302-RB



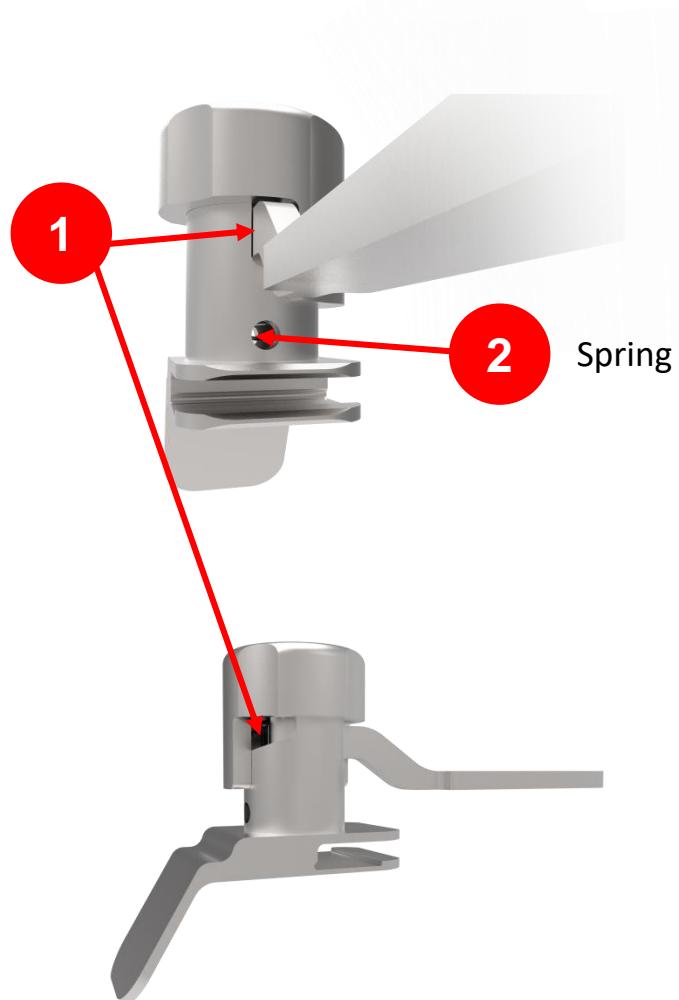
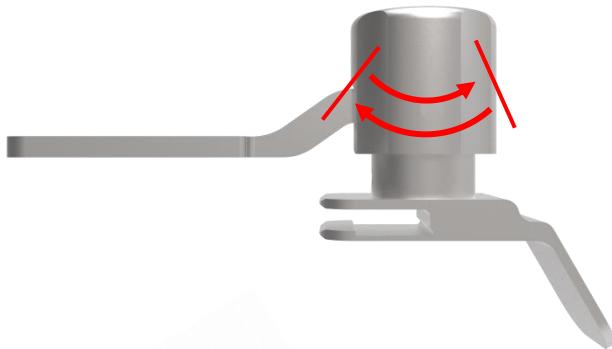
Cleaning



⚠️ Flush and spray small gaps.

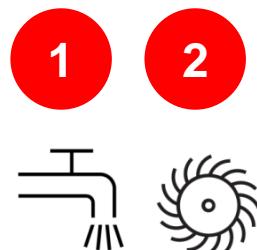
Patellar Stylus

EX. 9404-7301



Spring

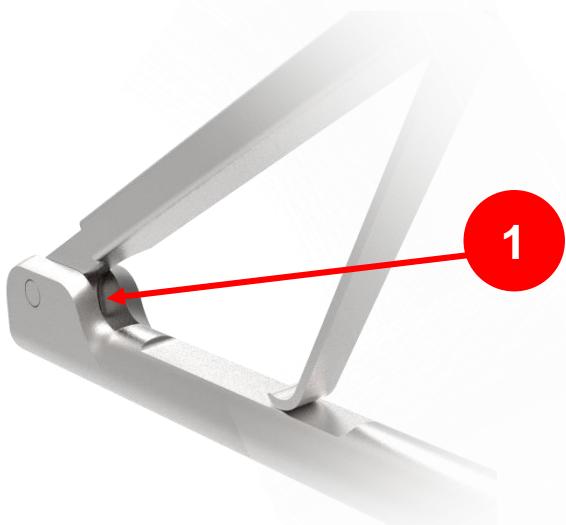
Cleaning



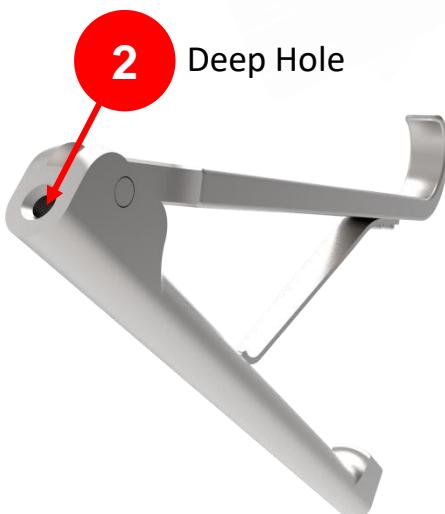
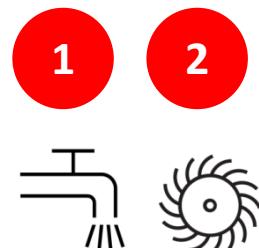
Pin Extractor



EX. 9303-5002

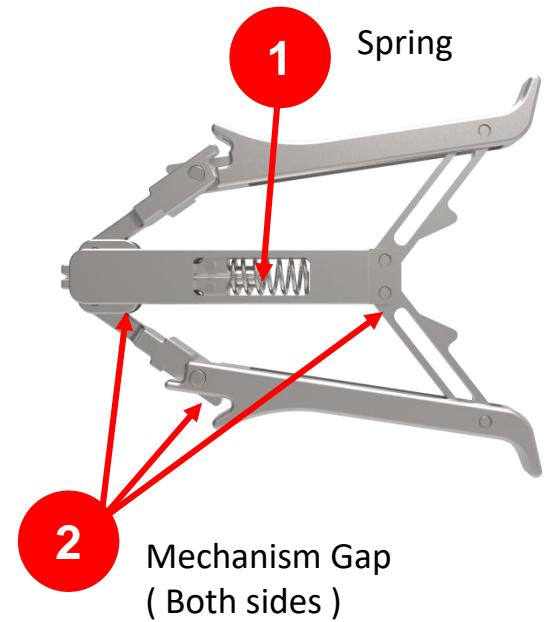
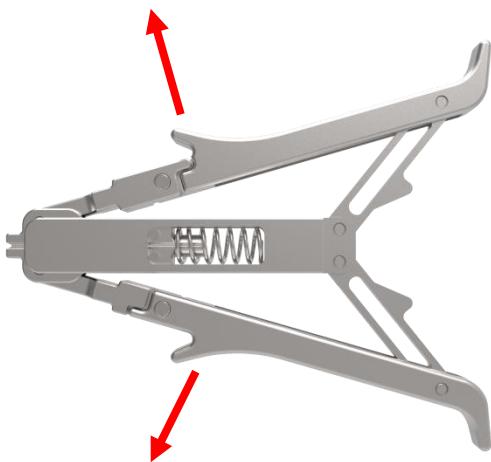


Cleaning



Pin Extractor

EX. 9304-5106



Cleaning



Flush and spray small gaps.

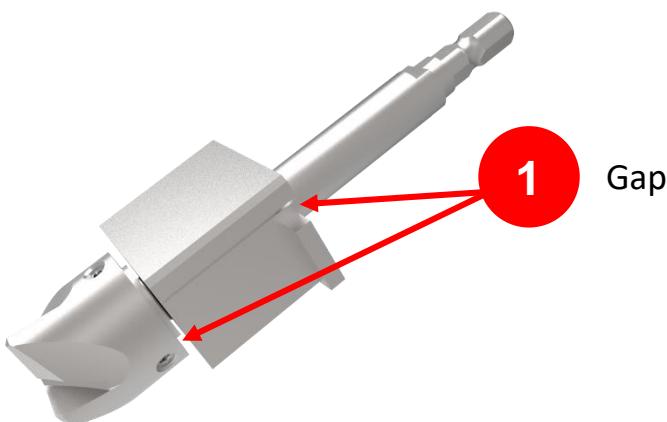
PS Reamer



EX. 9304-4101

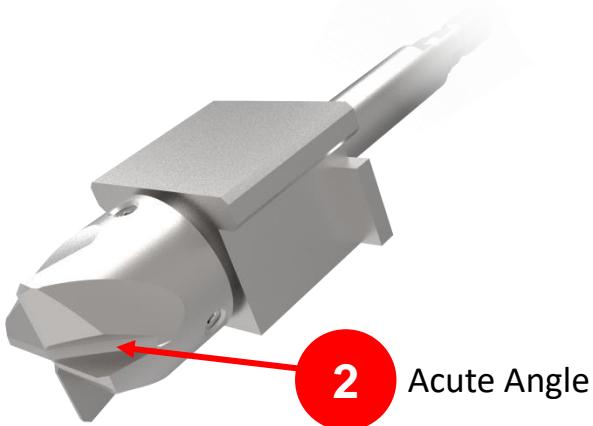
EX. 9303-4101-RD

EX. 9303-4101-RF



Gap

Cleaning



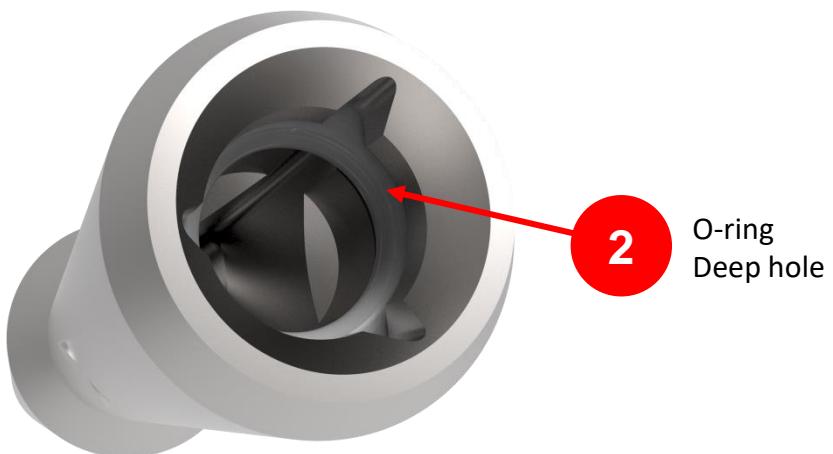
Acute Angle

Quick Pin Driver



EX. 9303-5001-RA

EX. 9304-5105

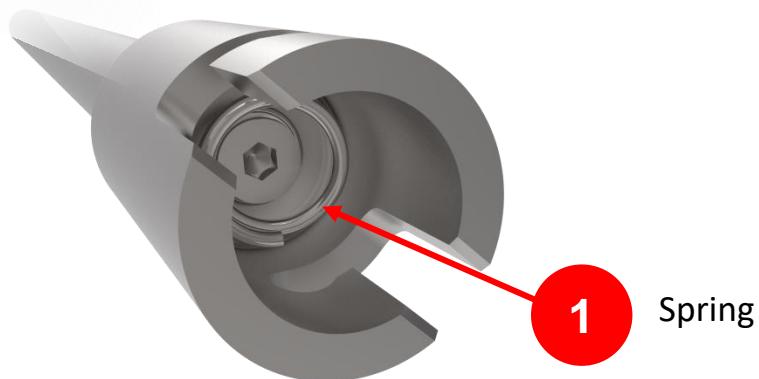


Cleaning



Stem Trial Driver

EX. 9303-1101



Cleaning

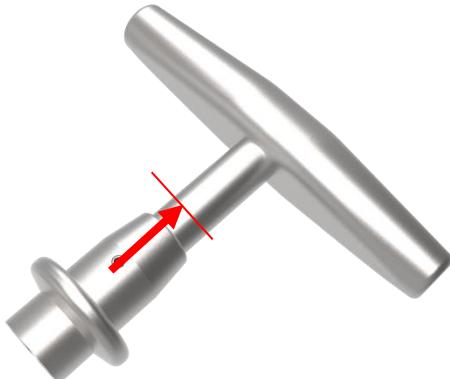


T-handle Assembly



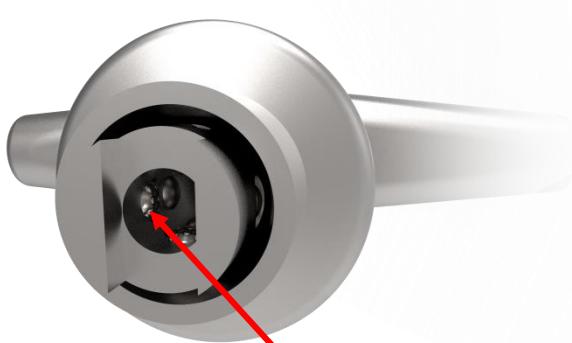
EX. 9301-1100

EX. 9303-1300



Cleaning

1



1

Steel Ball and Hole



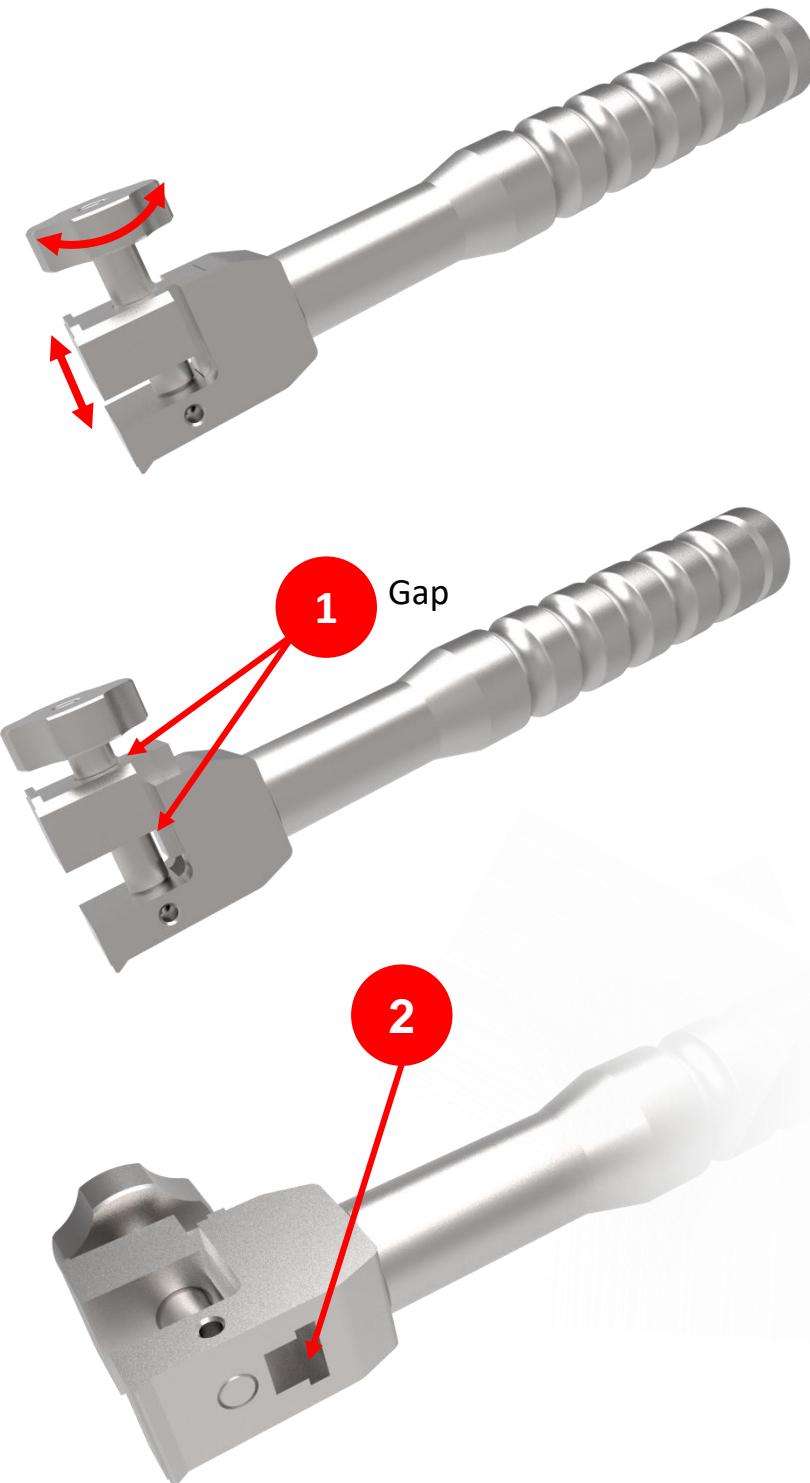
Flush and spray small gaps.

Tibial Baseplate Driver

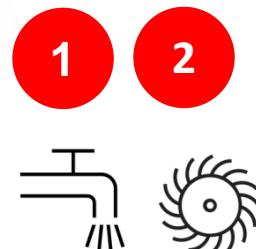


EX. 9403-5101

EX. 9403-5101-RC



Cleaning



Tibial Baseplate Trial Handle

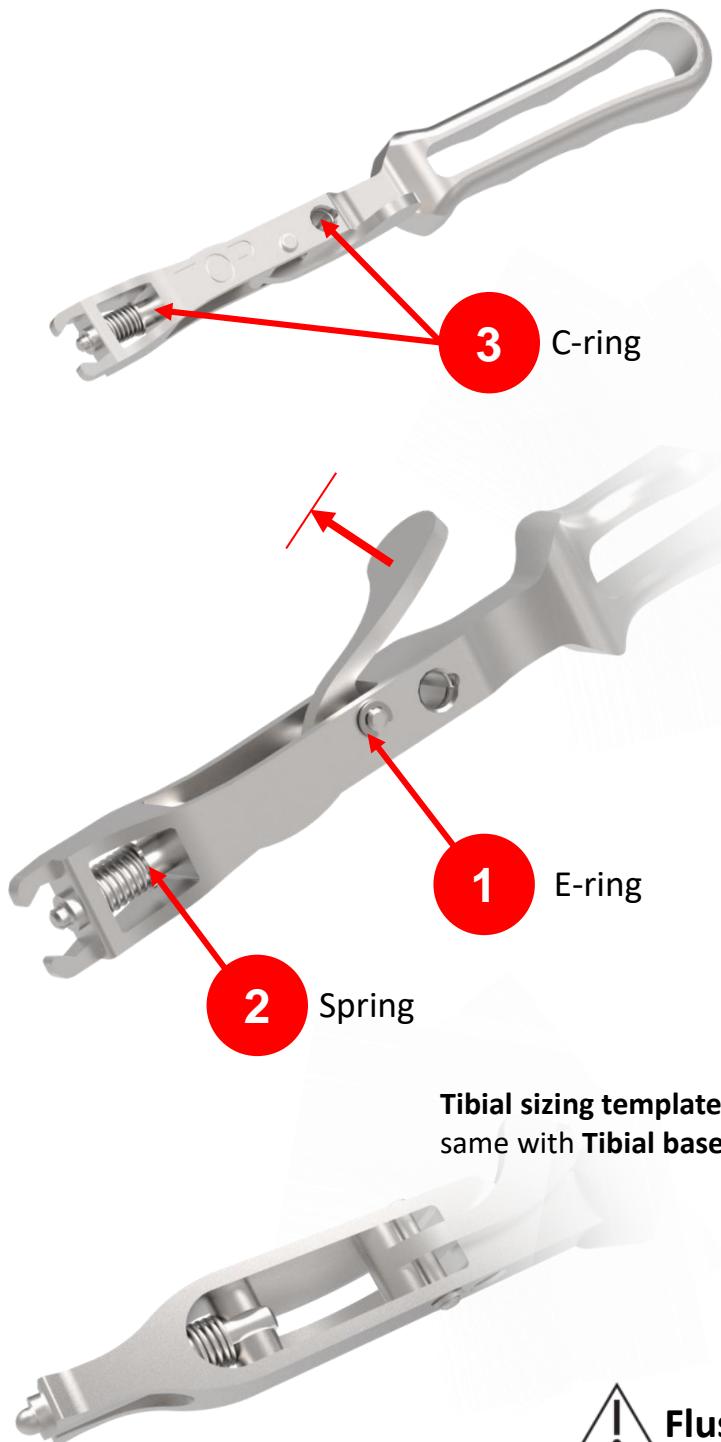


EX. 9403-1202

EX. 9404-1102

Tibial Sizing Template Handle

EX. 9403-1203



Cleaning



Tibial sizing template handle need to specially clean is same with Tibial baseplate Trial Handle.

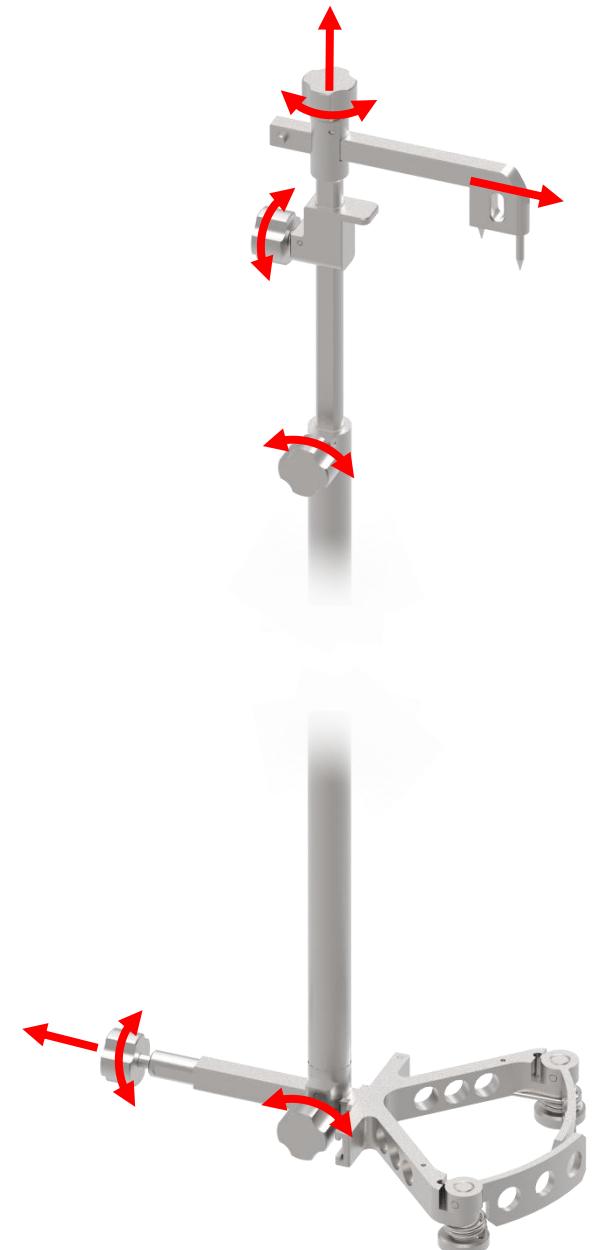


Flush and spray small gaps.

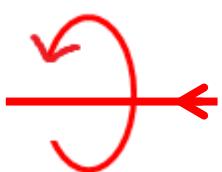
Tibial EM Alignment Guide



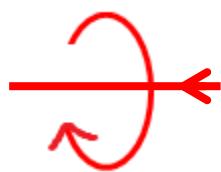
EX. 9403-2104-RA

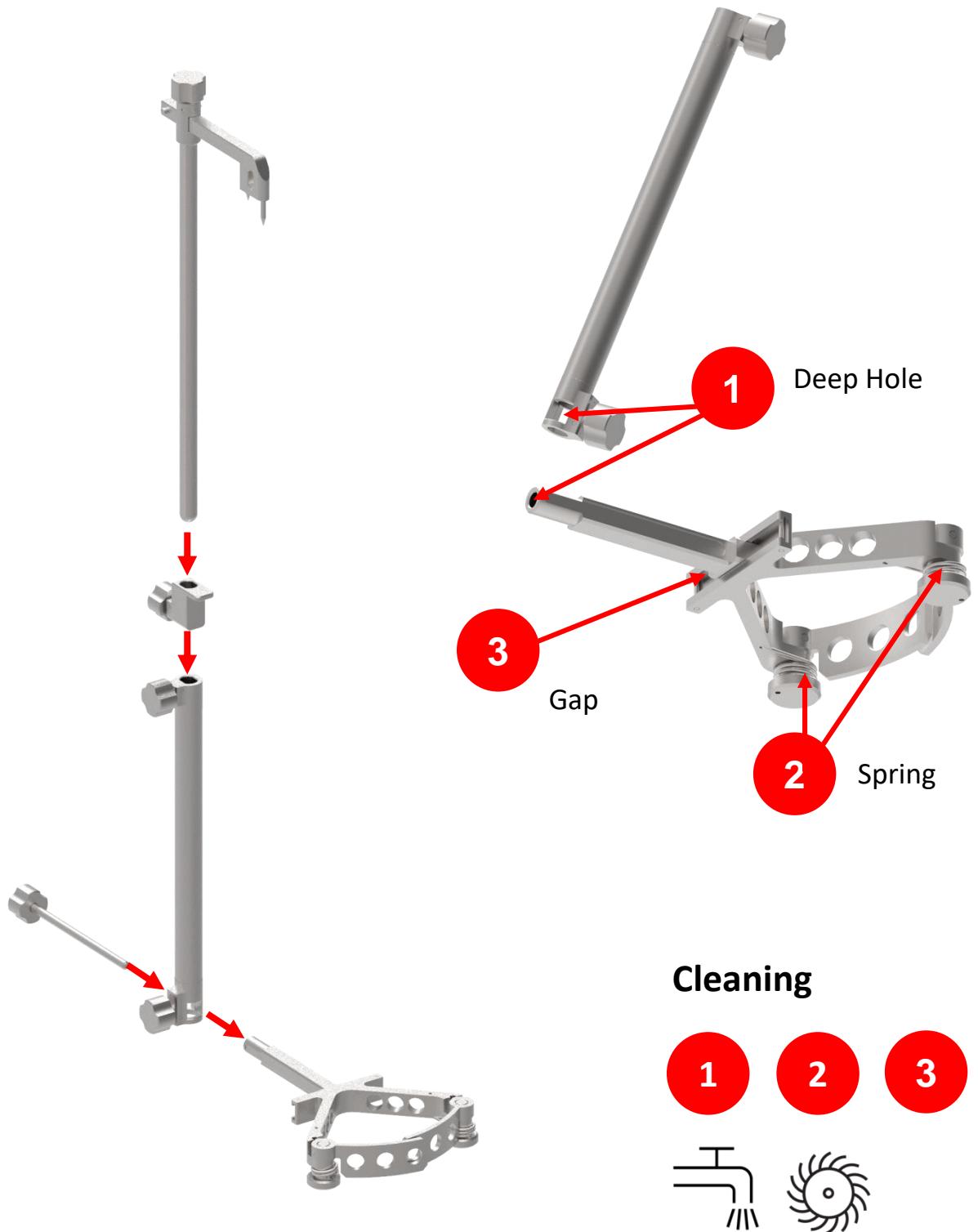


Disassembly



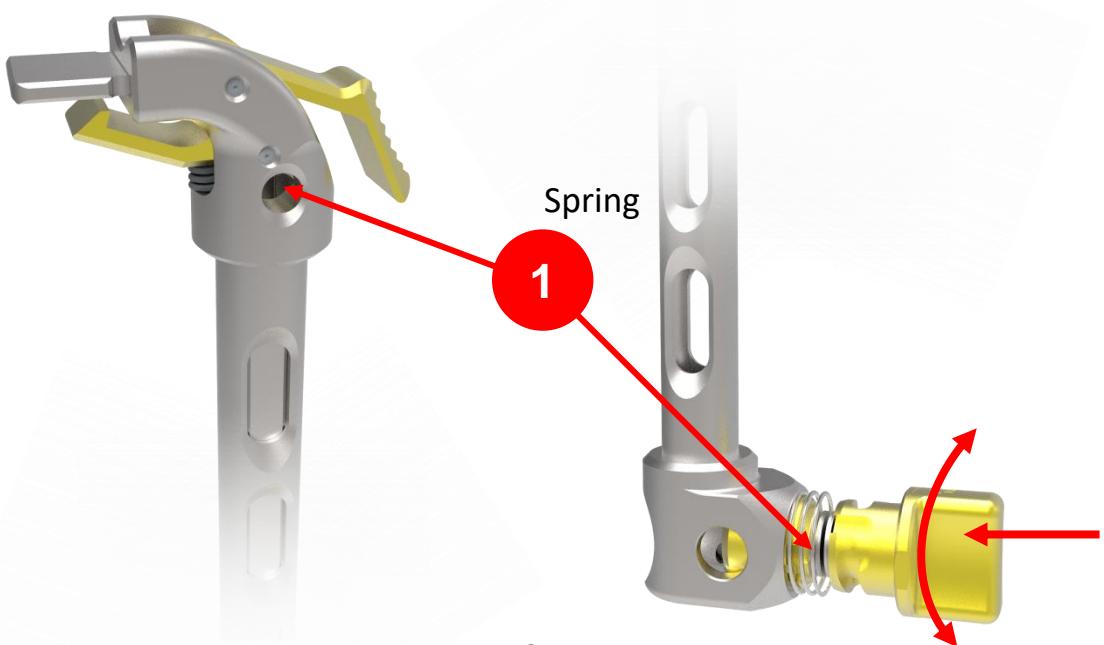
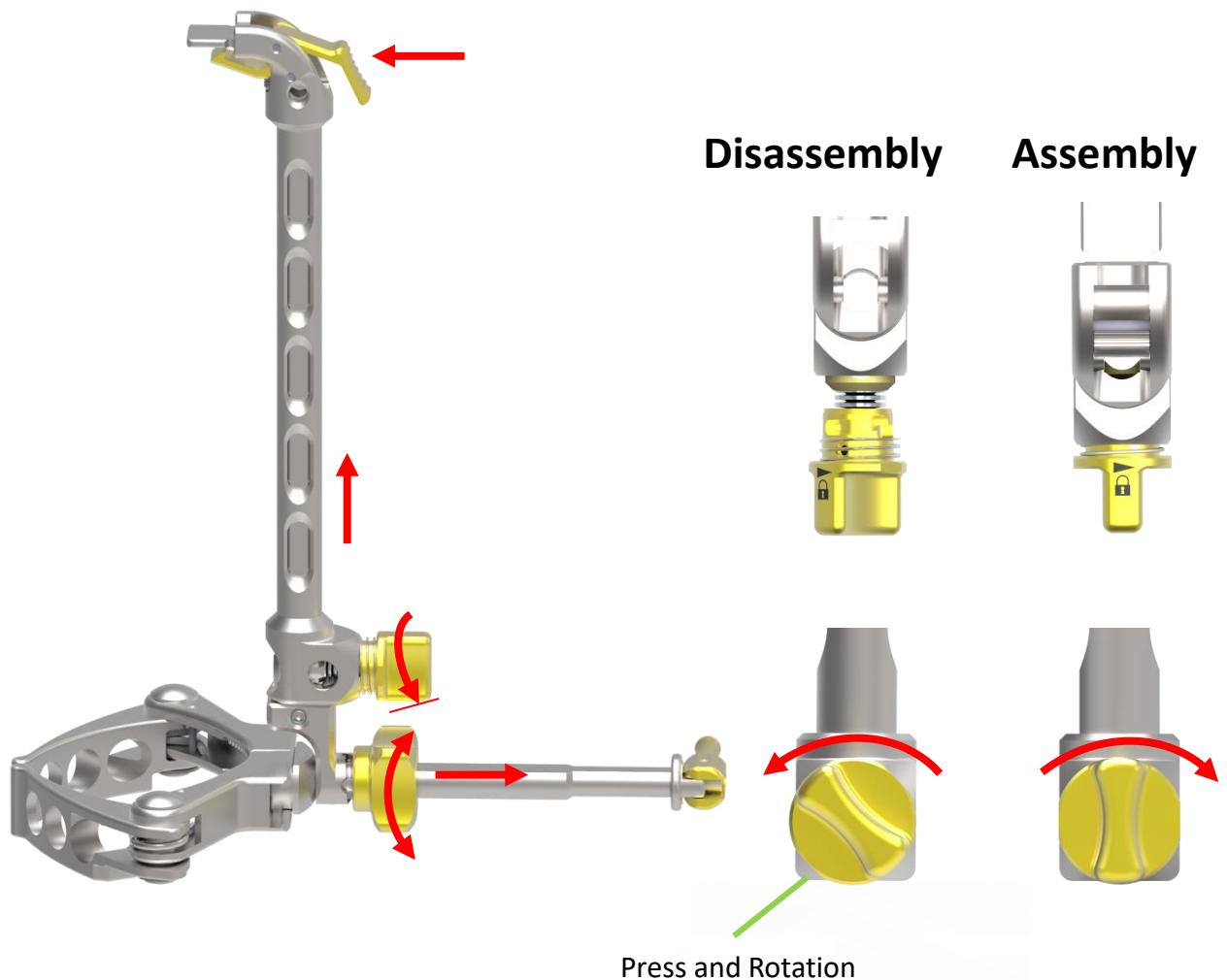
Assembly





Tibial EM Alignment Guide

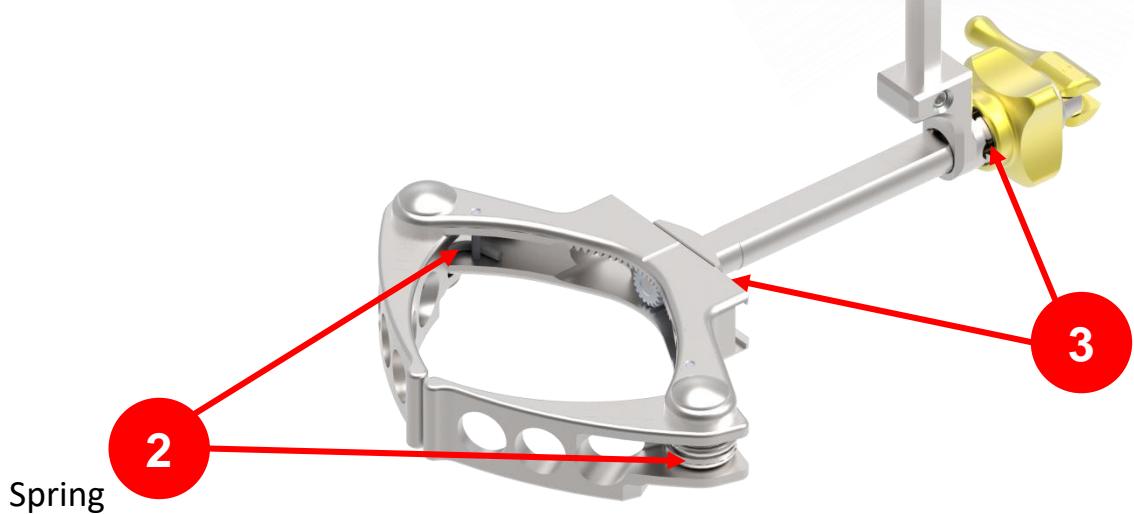
EX. 9404-2101





Cleaning

- 1
- 2
- 3



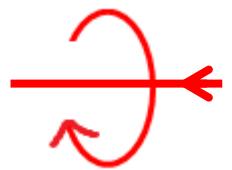
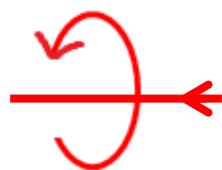
Spring

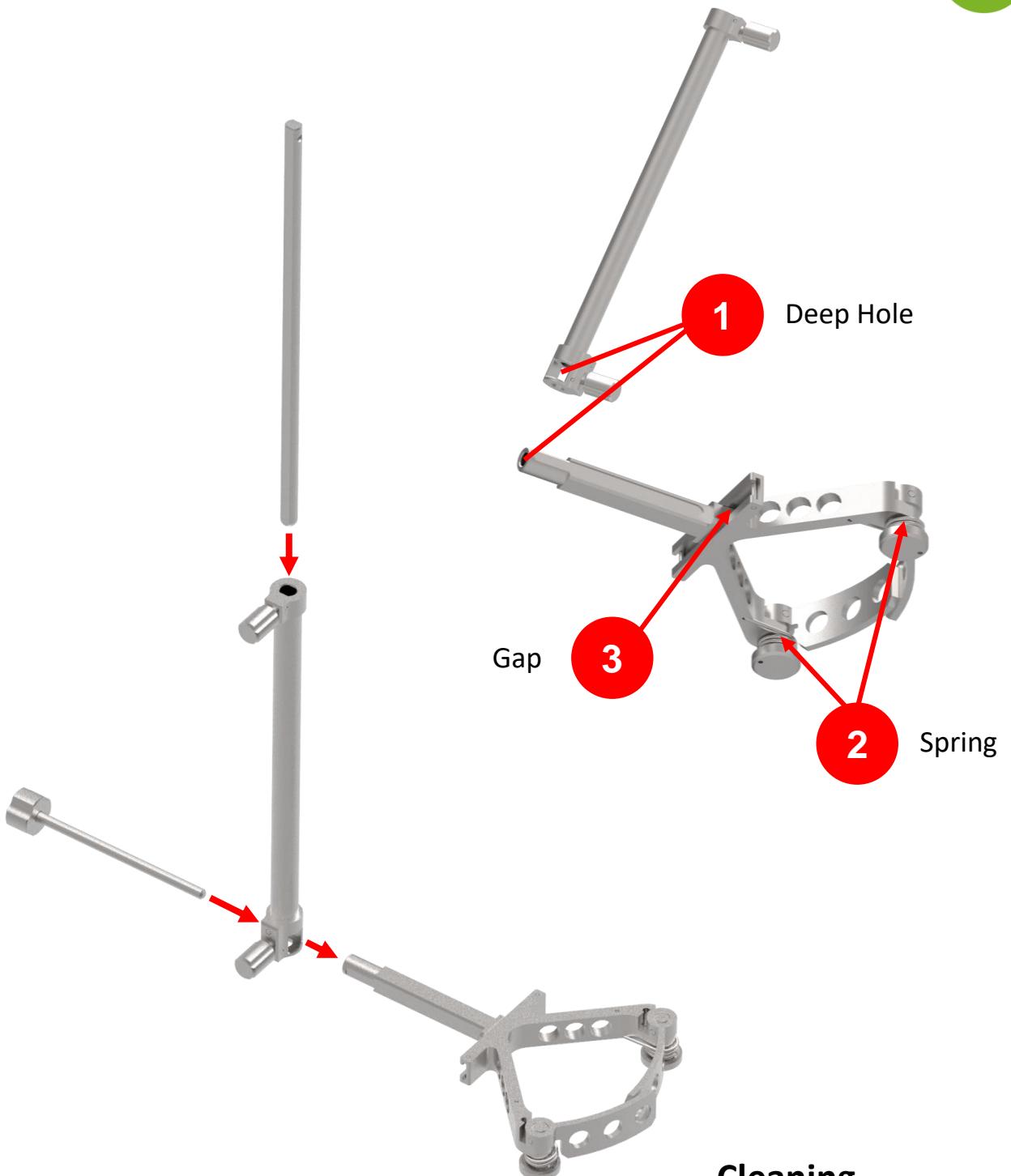
Tibial EM Alignment Guide

EX. 9403-2108



Disassembly Assembly





Cleaning

1

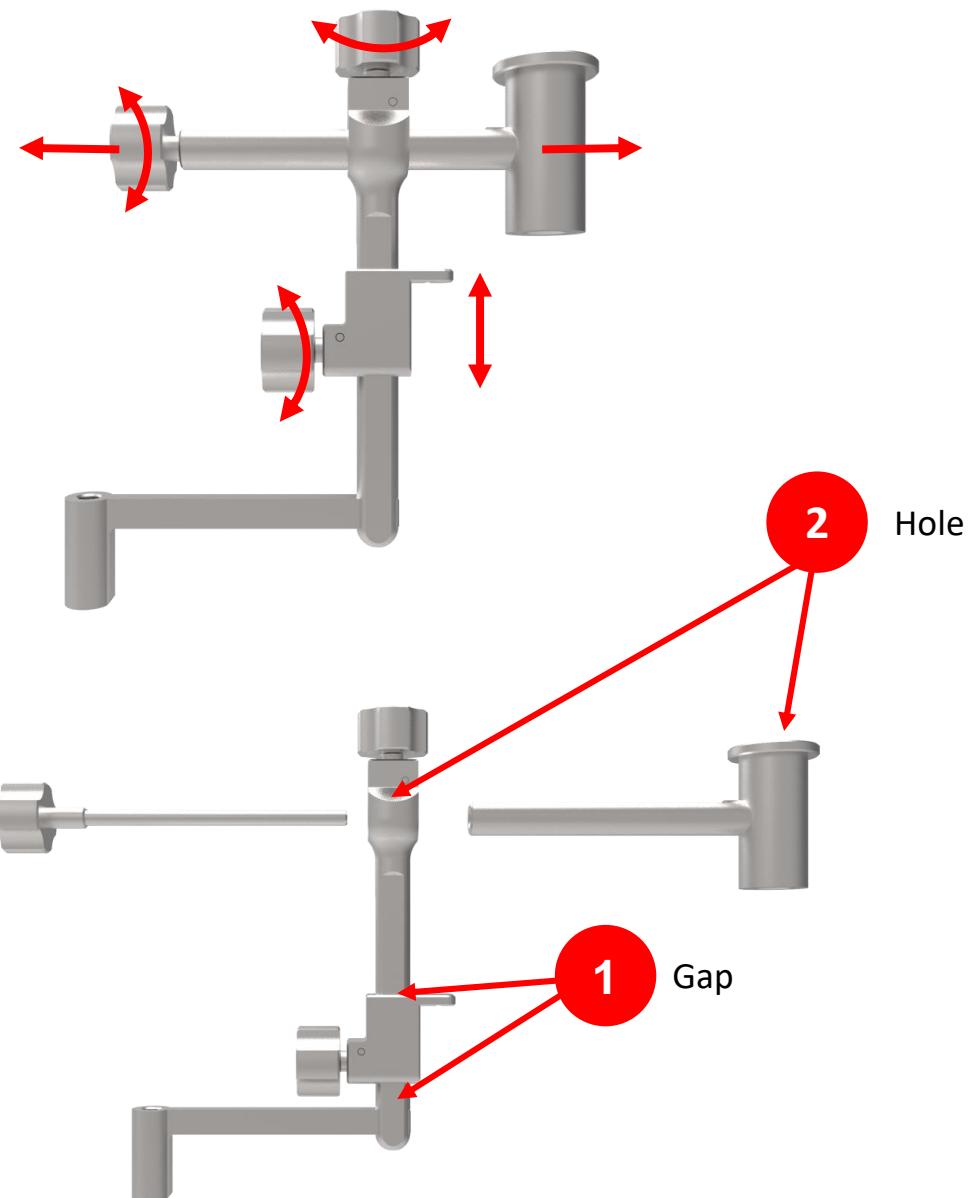
2

3



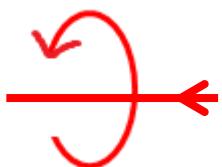
Tibial IM Alignment Guide

EX. 9403-2103
EX. 9403-2103-RA
EX. 9403-2310

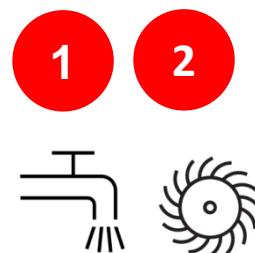


Cleaning

Disassembly



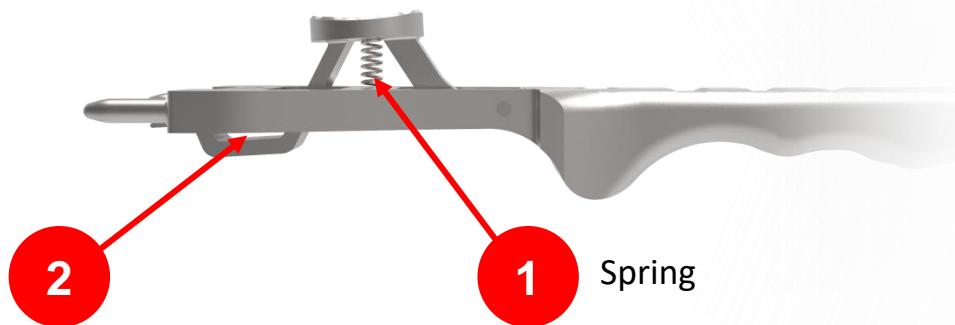
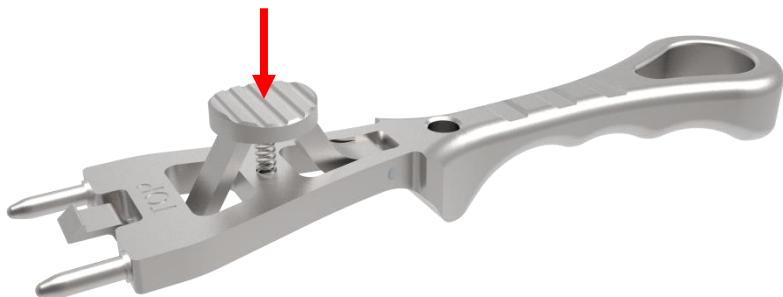
Assembly



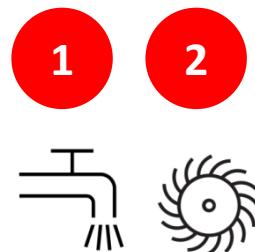
Tibial Insert Trial Handle



EX. 9404-1103



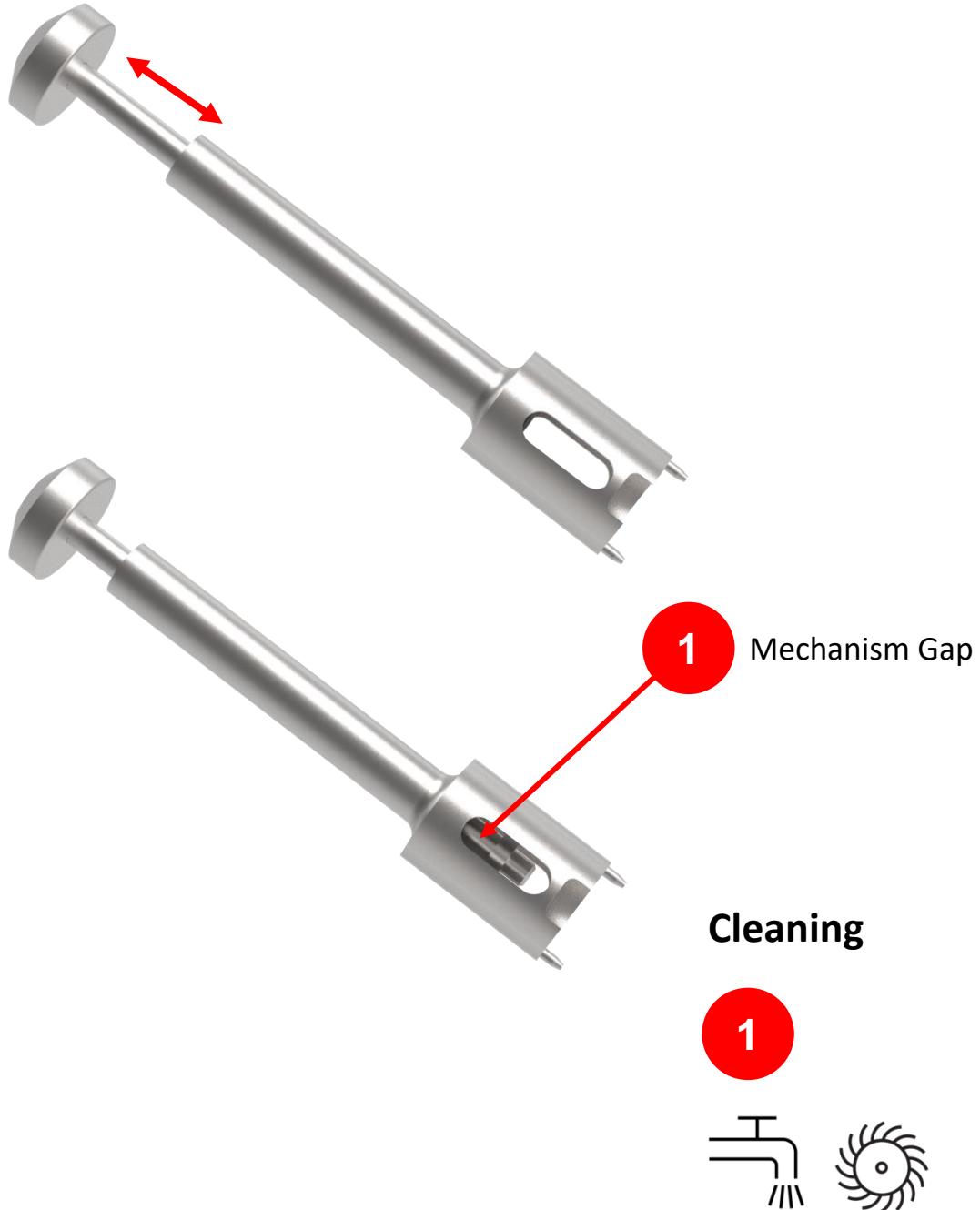
Cleaning



Tibial Punch Handle

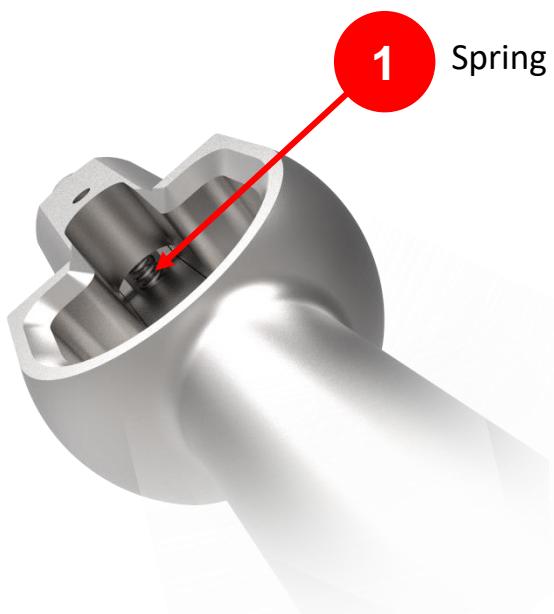
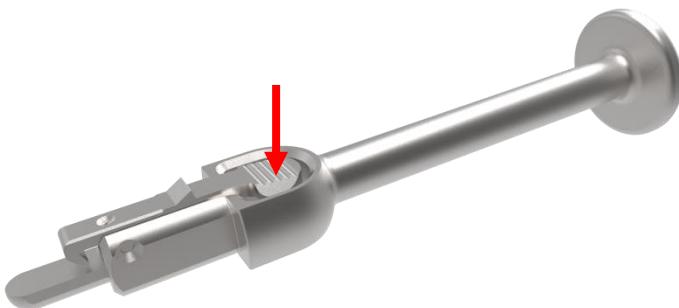


EX. 9403-1101
EX. 9403-1101-RC
EX. 9403-1102-RC

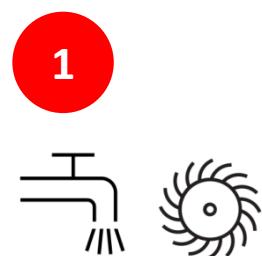


Tibial Punch Handle

EX. 9404-1101



Cleaning





Each Step **We Care**

Contact Us

- **Taiwan**
United Orthopedic Corporation
12F, No.80, Sec.1, Chenggong Rd., Yonghe Dist.,
New Taipei City 23452, Taiwan
Tel: +886 2 2929 4567 Fax: +886 2 2922 4567
- **China**
United Medical Instrument Co., Ltd.
Room 402, Building 7, No.697, Ling Shi Road,
ShangHai 200072, China
Tel: +86 21 3661 8055 Fax: +86 21 6628 3031
- **Japan**
United Orthopedic Japan Inc.
Ginyo Bldg 4th floor, 2-9-40 Kitasaiwai, Nishi-Ku
Yokohama City, Kanagawa, 220-0004, Japan
Tel: +81 45 620 0741 Fax: +81 45 620 0742
- **USA**
UOC USA Inc.
20, Fairbanks, Suite 173, Irvine 92618, CA
Tel: +1 949 328 3366 Fax: +1 949 328 3367
- **EU Representative**
mdi Europa GmbH
Langenhangener Strasse 71, Langenhangen 30855 , Germany
Tel: +49 511 3908 9530 Fax: +49 511 3908 9539
- **Europe**
UOC (Suisse) SA
Avenue Général Guisan 60A, Pully 1009, Switzerland
Tel: +41 21 634 70 70 Fax: +41 21 634 70 76
UOC (France)
21, Rue de la Ravinelle, Nancy 54000, France
Tel: +33 3 83 23 39 72 Fax: +33 3 83 23 39 10



CE CE 2797

www.uoc.com.tw