

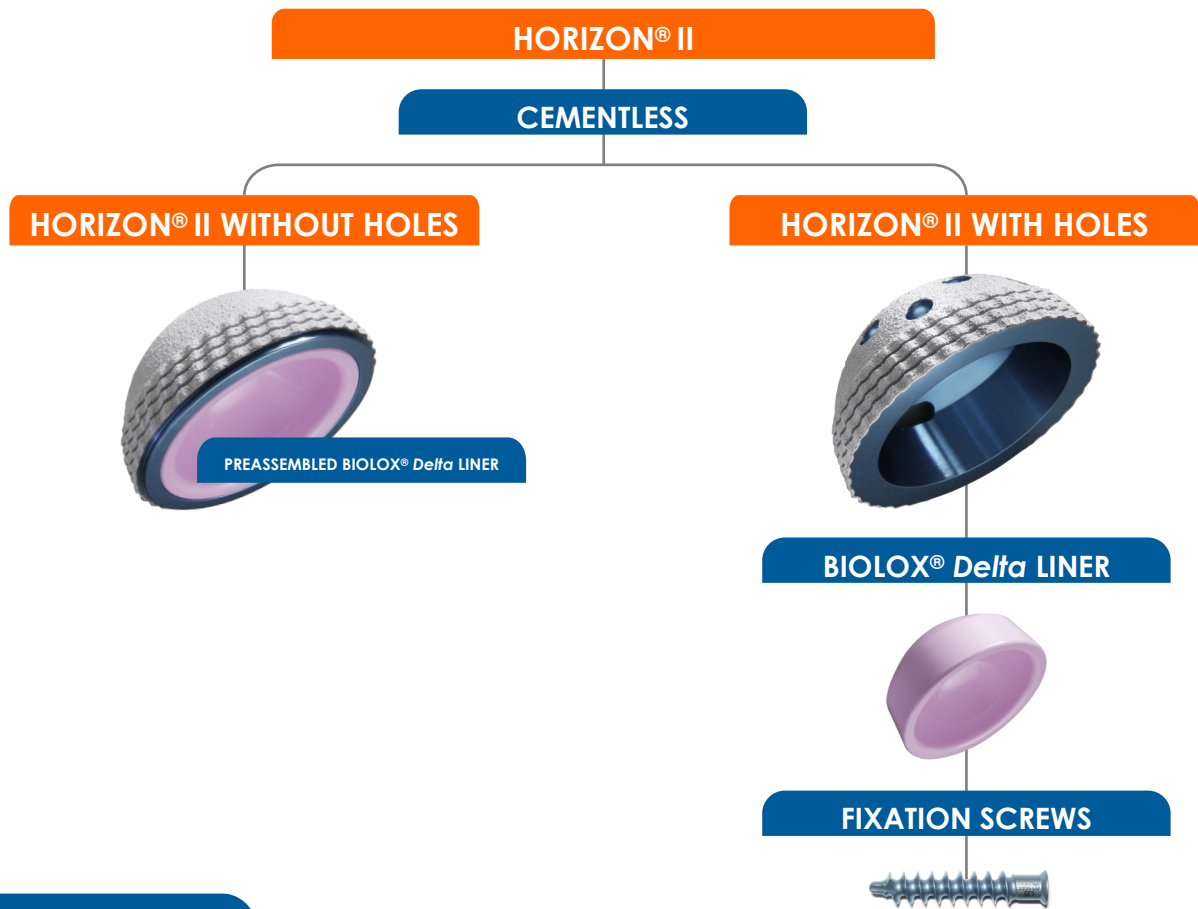
HORIZON[®] II

With and without holes
BIOLOX[®] Delta liner



Surgical technique
Conventional
instrumentation

HORIZON[®] II CUP: RANGE



HORIZON[®] II WITHOUT HOLES

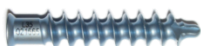
	Ø46mm	Ø48mm	Ø50mm	Ø52mm	Ø54mm	Ø56mm	Ø58mm	Ø60mm	Ø62mm	Ø64mm (option)
Liner Ø28mm										
Liner Ø32mm										
Liner Ø36mm										

HORIZON[®] II WITH HOLES

	Ø46mm	Ø48mm	Ø50mm	Ø52mm	Ø54mm	Ø56mm	Ø58mm	Ø60mm	Ø62mm	Ø64mm (option)
Metal cup										
Liner Ø28mm										
Liner Ø32mm										
Liner Ø36mm										

Ø6.5mm screws

Length 16, 20, to 55mm
In 5mm increments



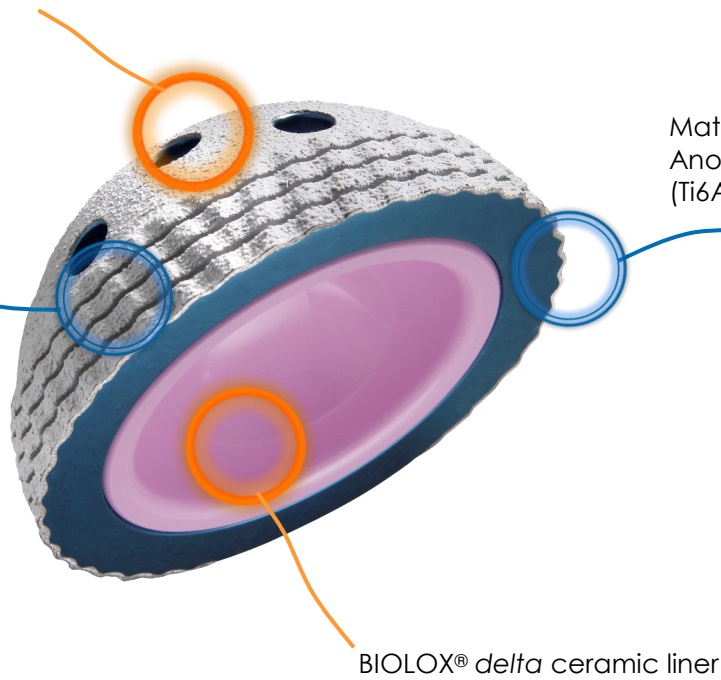
HORIZON[®] II CUP

HORIZON[®] II WITH HOLES CUP

Dual coating of plasma-sprayed titanium (80 µm) and HA (80 µm) ensures secondary fixation through bone ongrowth

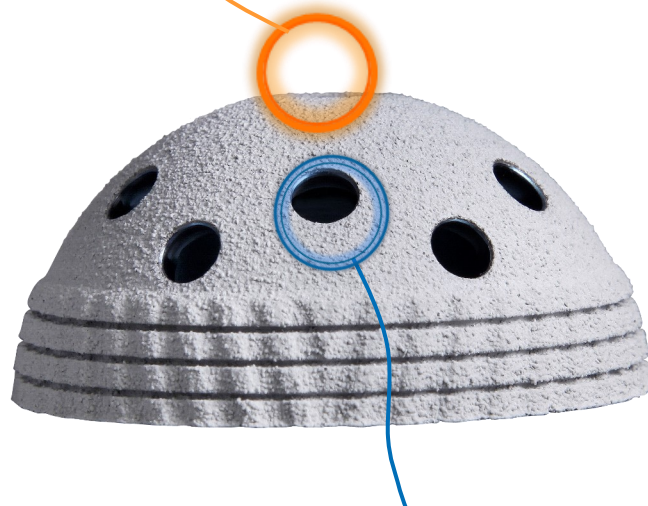
Inverted chevron-shaped notches provide equatorial press-fit, evolves with cup size

Material (cup):
Anodized Titanium Alloy
(Ti6Al4V)



BILOX[®] delta ceramic liner

Hemispherical cup with flat superior end



Upper quadrant of cup has 3 to 5 holes (depending on cup size) for Ø6.5 mm screws (available in lengths of 16 mm, 20 mm and then in 5 mm increments up to 55 mm)

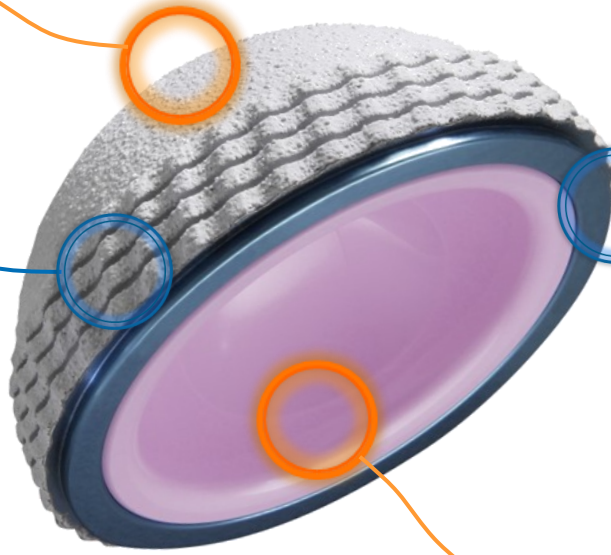


HORIZON[®] II CUP

HORIZON[®] II WITHOUT HOLES CUP

Dual coating of plasma-sprayed titanium (80 µm) and HA (80 µm) ensures secondary fixation through bone ongrowth

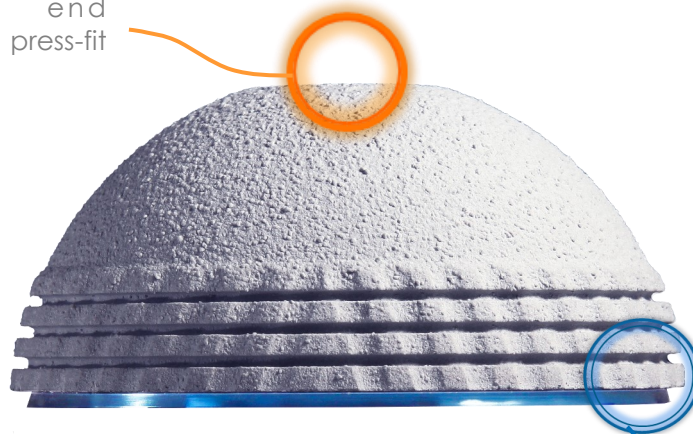
Inverted chevron-shaped notches provide equatorial press-fit, evolves with cup size



Material (cup):
Anodized Titanium Alloy (Ti6Al4V)

Pre-assembled BIOLOX[®] *delta* liner reduces the risk of liner being incorrectly positioned in the cup

Hemispherical cup with flat superior end maximizes the press-fit effect



Fixation lip of the impaction plate

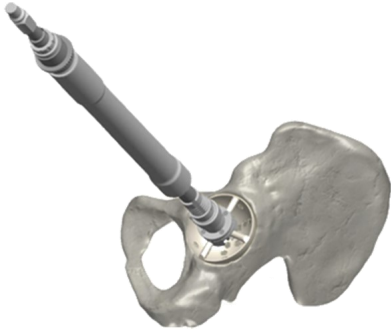


SURGICAL TECHNIQUE SUMMARY

Common Steps

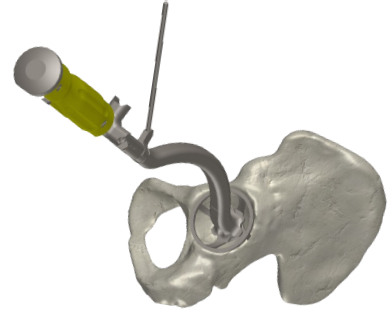
1

Acetabulum Reaming



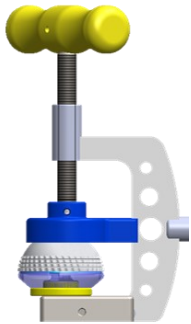
2

Reaming control



3

Cup and Impaction Plate Assembly



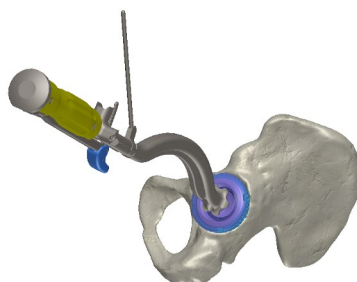
4

Holding the Cup



5

Final Cup Impaction



SURGICAL TECHNIQUE SUMMARY

HORIZON® II with holes

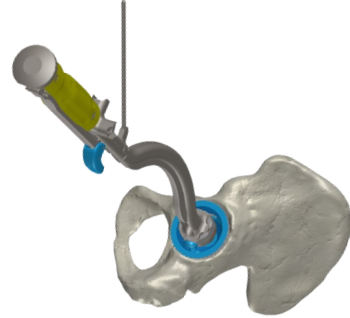
3

Holding the Cup



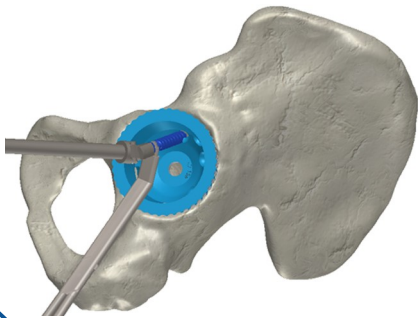
4

Final Cup Impaction



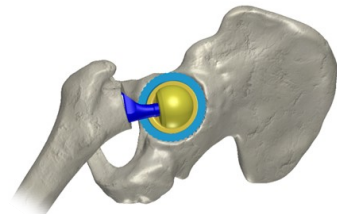
5

Fixation Screws Insertion
(optional)



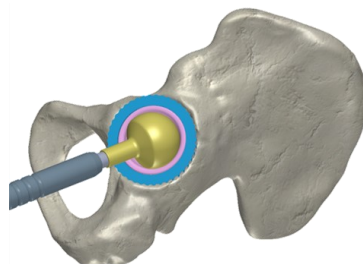
6

Trials with trial liner
(optional)



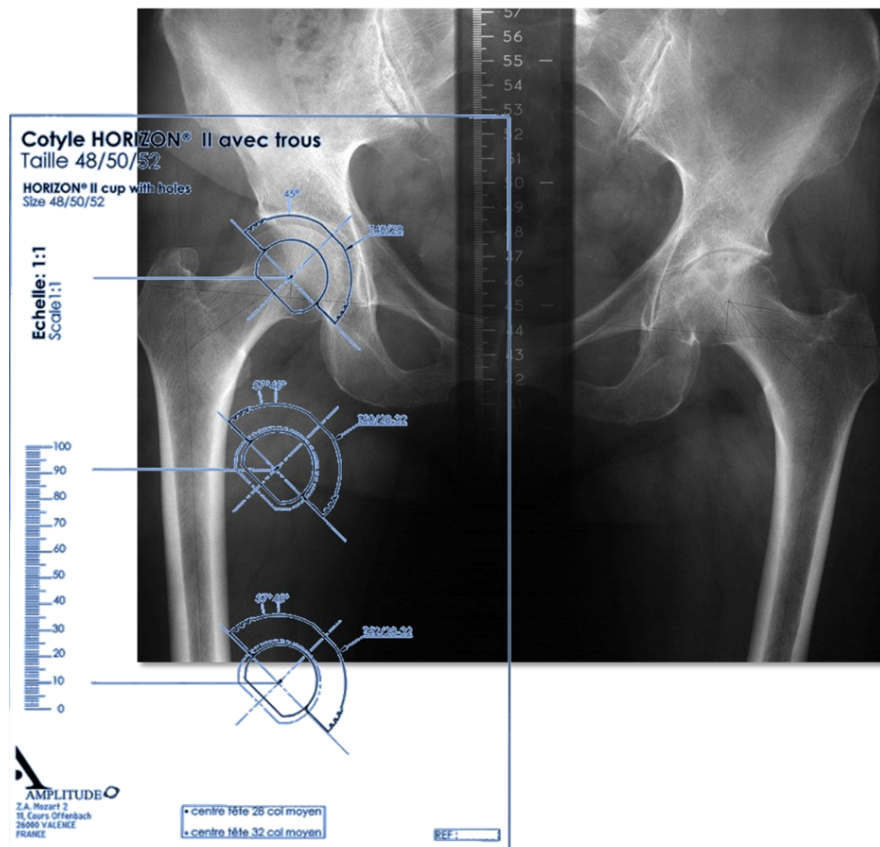
7

Final Liner Impaction



HORIZON[®] II WITH AND WITHOUT HOLES

PREOPERATIVE PLANNING



Using the radiographs and templates:

- Determine the joint centre
- Identify the depth of the acetabulum
- Assess the position of the cup
- Determine the cup size

NOTE

The provided templates have a 1:15 scale, but are also available with other scaling upon request.

REMINDER

The purpose of this surgical technique description is to provide instructions on how to use the instrumentation properly. The surgeon is fully responsible for choosing and performing the approach and surgical technique. This technique describes the use of curved impactors essentially. A straight impactor can also be used

HORIZON[®] II WITH AND WITHOUT HOLES

ACETABULUM REAMING



Remove any peripheral osteophytes and resect the labrum. Make sure to remove any posterior and inferior osteophytes that could hinder cup placement.

Prepare the acetabulum using the reamers starting with the smallest acetabular reamer available. The reamers can be used with either a straight or offset reamer handle.

Gradually increase the reamer diameter until good peripheral support is achieved and bleeding subchondral bone has been exposed. Make sure not to go past the acetabular fossa (external lamina). The reamed cavity must be completely circular.

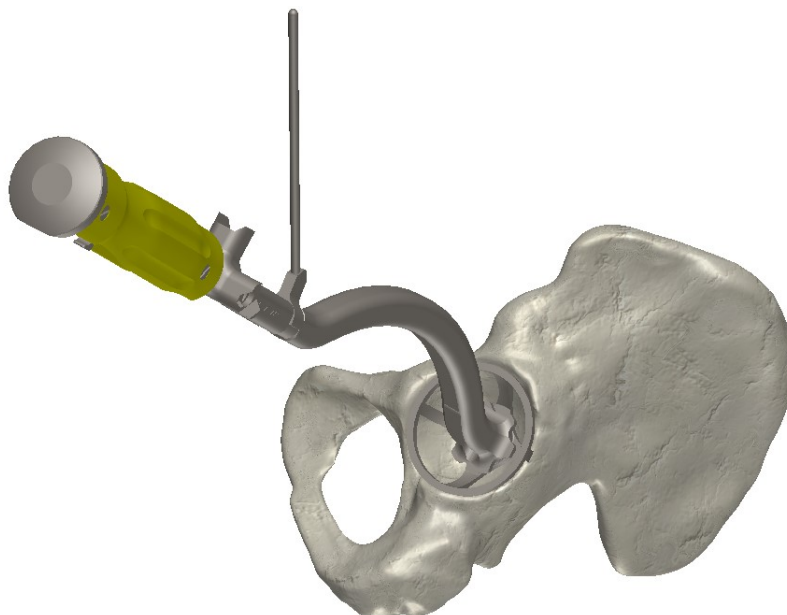
Clean out the bottom of the acetabulum, making sure to remove any bone fragments that could interfere with placement of the trial cup.

NOTE

The acetabular reamers size range covers all trial cups and implants. Depending on the adequation between the trial cup and reamed cavity, the reaming step might need to be performed again (see next page).

HORIZON[®] II WITH AND WITHOUT HOLES

REAMING CONTROL



Assemble a trial cup on the cup impactor (straight or curved). The chosen size must be based on the last reamer used (see next page). The trial has the same dimensions as the implant, **without press-fit**. The cup orientor can be placed on the cup impactor handle to set a 45° angle relative to the vertical plane.

Clean out the bottom and rim of the acetabulum to prevent small bone or tissue fragments from interfering with cup impaction.

Introduce the trial cup while maintaining the inclination and anteversion providing the best bone coverage. The cup is typically placed at 45° inclination and 10° to 15° anteversion, depending on the patient. It must make contact with the entire perimeter of the acetabulum and be **stable** without protruding.

When the cup diameter and position are validated, make a bony landmark on the acetabulum (with the electric scalpel) that will allow reproduction of the impaction level with the final implant.

NOTE

If the trial cup must be impacted (due to sclerotic or hard bone), it is recommended to **adjust acetabular cavity reaming**, following instructions available next page. In every case, reaming is validated based on the trial cup stability.

NOTE

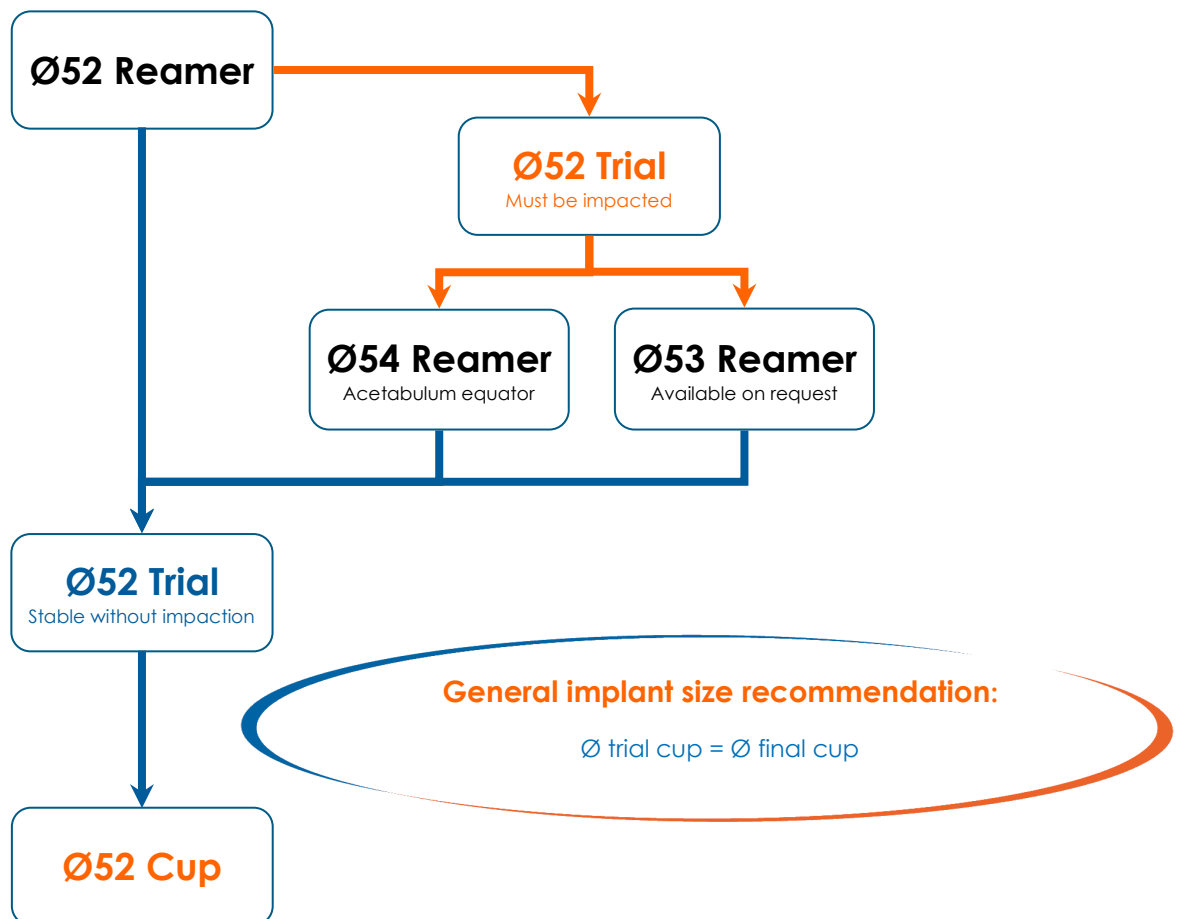
When performing trials, the straight handle can be unscrewed to leave only the trial cup in the acetabulum.

HORIZON[®] II WITH AND WITHOUT HOLES

DECISION TREE FOR REAMING TECHNIQUE

Reaming must be performed using even reamers, by size increment (2 mm). The size of the last validated reamer (see p.9) determines the size of the trial cup. The size is validated if the trial is stable in the acetabulum, and introduced without need of impaction. If the trial must be impacted, the following techniques can be followed:

- Ream the equator of the acetabulum one size over (2 mm).
- Ream the whole acetabulum half a size over (1 mm): those reamers are available on request only.

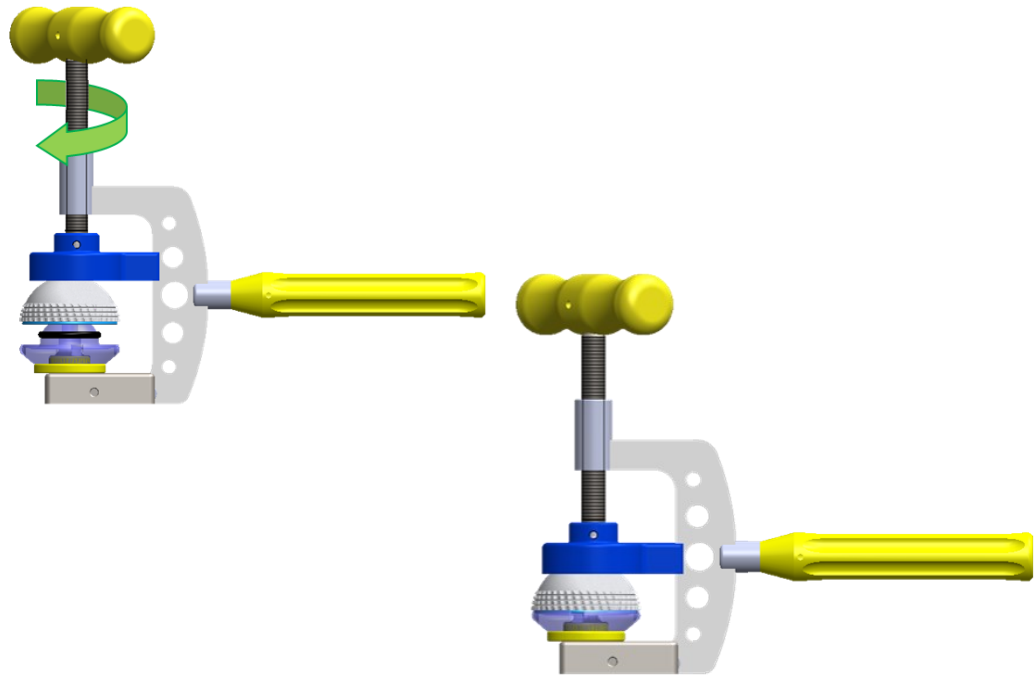


HORIZON[®] II WITHOUT HOLES



HORIZON[®] II WITHOUT HOLES

IMPACTION PLATE ASSEMBLY



Take out the **HORIZON[®] II cup without hole** of the size validated by the trial cup. Remove the protective foam between the cup and its impactation plate.

Example: Ø52 trial = Ø52 implanted cup

Secure the handle and the baseplate in the press.

Place the impactation plate on the yellow centring tip on the press, with the round portion facing up.

Place the **HORIZON[®] II cup without hole** over the plate and turn the handle on the press until the cup is fully seated on the plate.

Visually check whether the plate is attached correctly: the four fixation tabs on the plate must be fully clipped around the cup's periphery.

If this is not the case, return the cup and plate to the press and finish impactating the plate.

HORIZON[®] II WITHOUT HOLES

HOLDING THE CUP



Assemble the impactor handle **that corresponds with the cup being used** according to the instructions available in Appendix A.

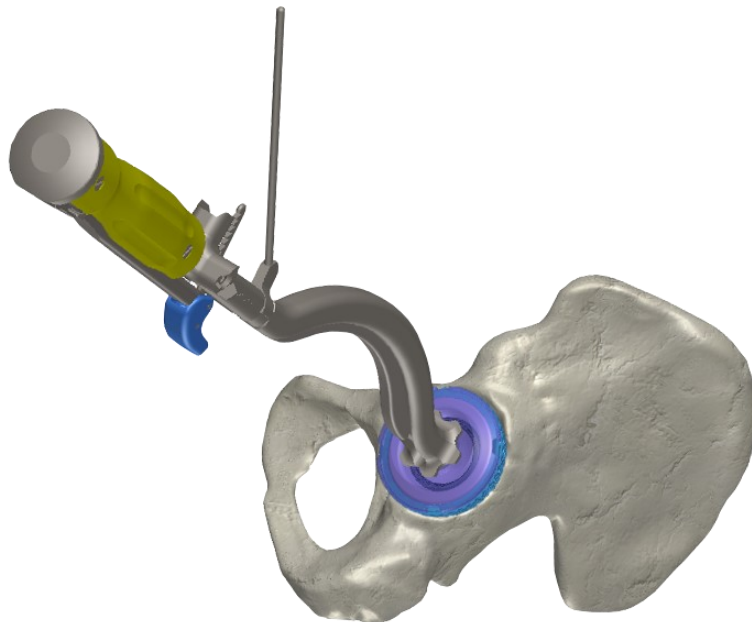
With the ratchet handle closed, screw the impaction plate and cup on the impactor.

IMPORTANT

The impactor lever must remain closed from assembly with the cup until the impaction is complete. Make sure the plate is completely screwed (until it stops) on the impactor.

HORIZON[®] II WITHOUT HOLES

FINAL CUP IMPACTION



Perform femoral preparation following the implants dedicated surgical technique.

Assemble the cup alignment guide to the impactor handle. Position the cup in the acetabulum in the desired inclination and orientation, remove the alignment guide and then impact the cup.

Once the cup has been fully impacted, lift the blue impactor button and open the lever to release the impaction plate from the **HORIZON[®] II cup without hole**.

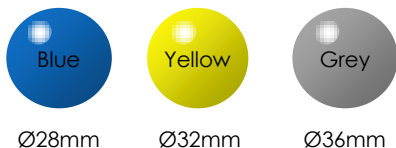
Remove the impactor.

IMPORTANT

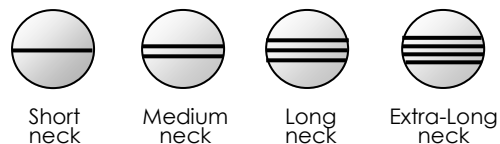
Reorientation of the cup (if necessary) must be performed using the impaction plate in-situ, before removing it. Striking directly on the metallic part of the cup could cause disassembly of the liner. Avoid clipping the impaction plate back on the cup, as this could damage the assembly tabs

Perform mobility and stability trials with the femoral stem in place.

Trial heads color code



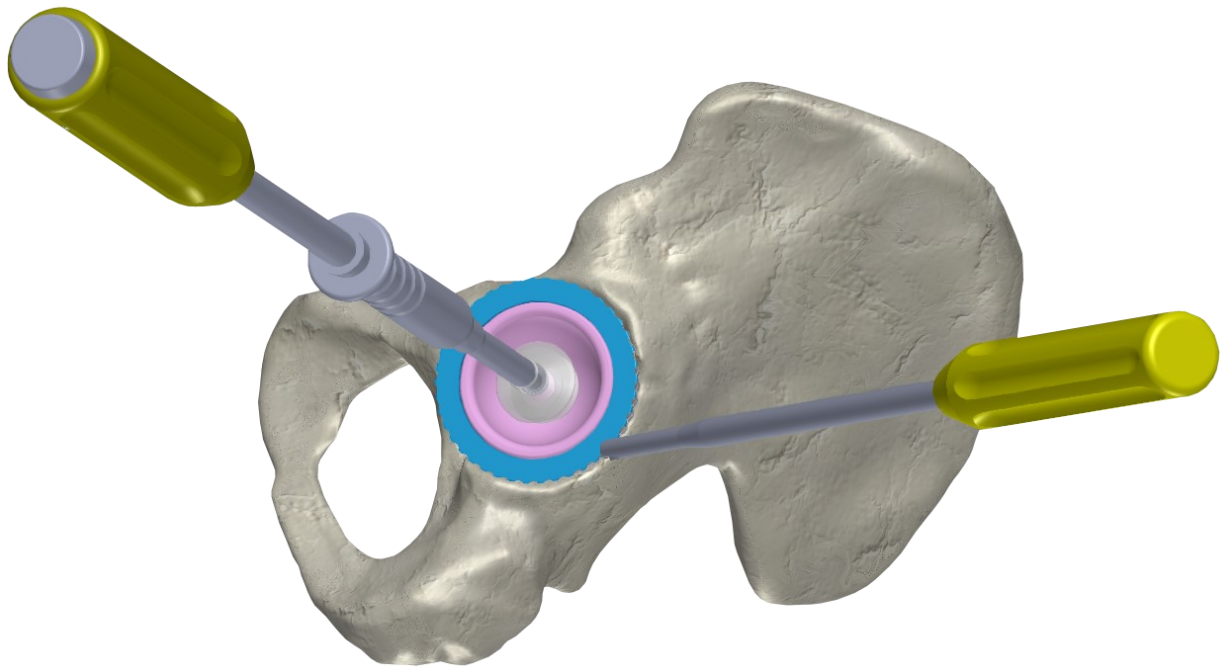
Trial heads neck length code*



*Indications, contraindications and pairing restrictions are described in the IFU available with the femoral heads. Please read carefully.

HORIZON[®] II WITHOUT HOLES

IMPLANTS EXTRACTION



Assemble the liner extraction tip on the universal handle and attach the plunger end to the bottom of the ceramic liner.

While pulling on the liner extractor, use a metal instrument to tap on the periphery of the cup until the liner releases itself from the cup by resonance.

Using K-wires and flexible chisels, scrape the space between the bone and the outer part of the cup to release it. Then tilt it by impacting the metallic edge until extraction is possible.

NOTE

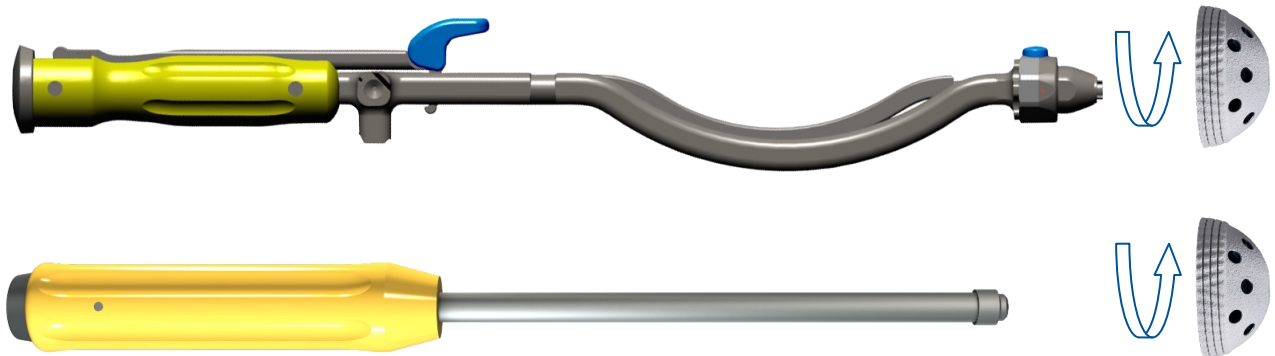
Extraction instrumentation specific to the HORIZON[®] II cup with holes is available on request.

HORIZON[®] II WITH HOLES



HORIZON[®] II WITH HOLES

HOLDING THE CUP



Take out the **HORIZON[®] II cup with holes** of the same size as the trial cup.

USING THE CURVED IMPACTOR:

Assemble the impactor handle **that corresponds with the cup being used** according to the instructions available in Appendix A.

With the ratchet handle closed, screw the expandable connector onto the handle, and then the cup of the same size as the trial cup.

IMPORTANT

The impactor lever must remain closed from assembly with the cup until the impaction is complete. Make sure the cup is completely screwed (until it stops) on the connector.

The expandable connector must be handled with care.

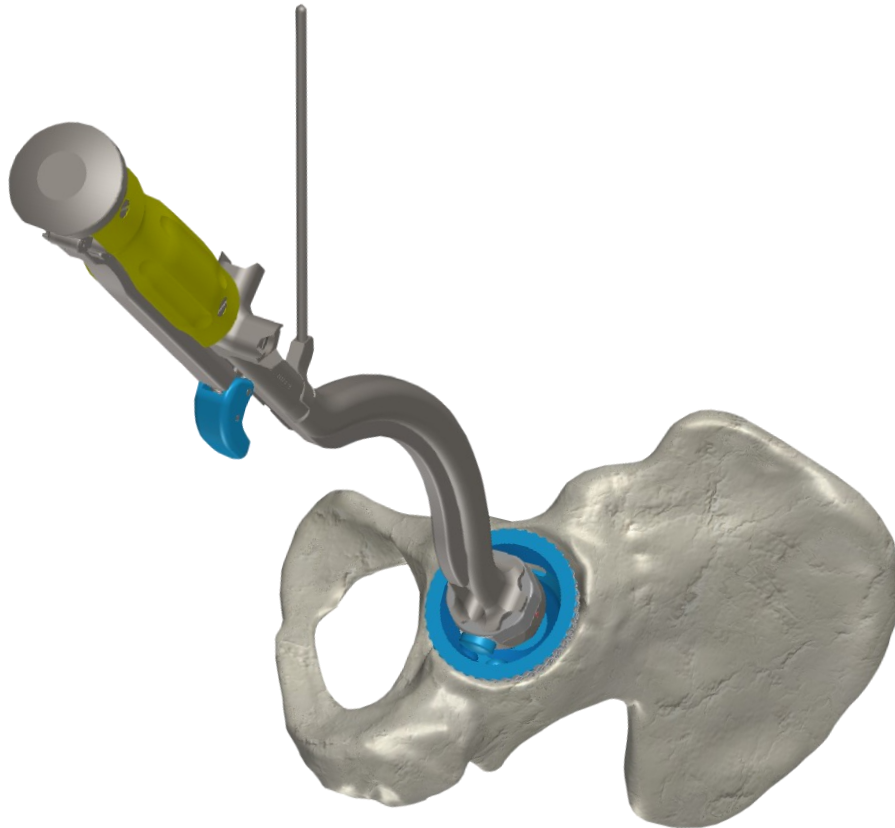
The screw holes can be aligned in the desired orientation by pressing the blue button on the expandable connector.

USING THE STRAIGHT IMPACTOR:

Screw the final cup until it stops onto the impactor.

HORIZON[®] II WITH HOLES

FINAL CUP IMPACTION



Assemble the cup orientor to the impactor handle.

Position the cup in the acetabulum in the desired inclination and orientation, remove the cup orientor and impact the cup.

NOTE

Holes should be oriented toward the roof of acetabulum

USING THE CURVED IMPACTOR:

Once the cup has been fully impacted, lift the blue impactor button and open the lever to release the **HORIZON[®] II cup with holes**.

Remove the impactor.

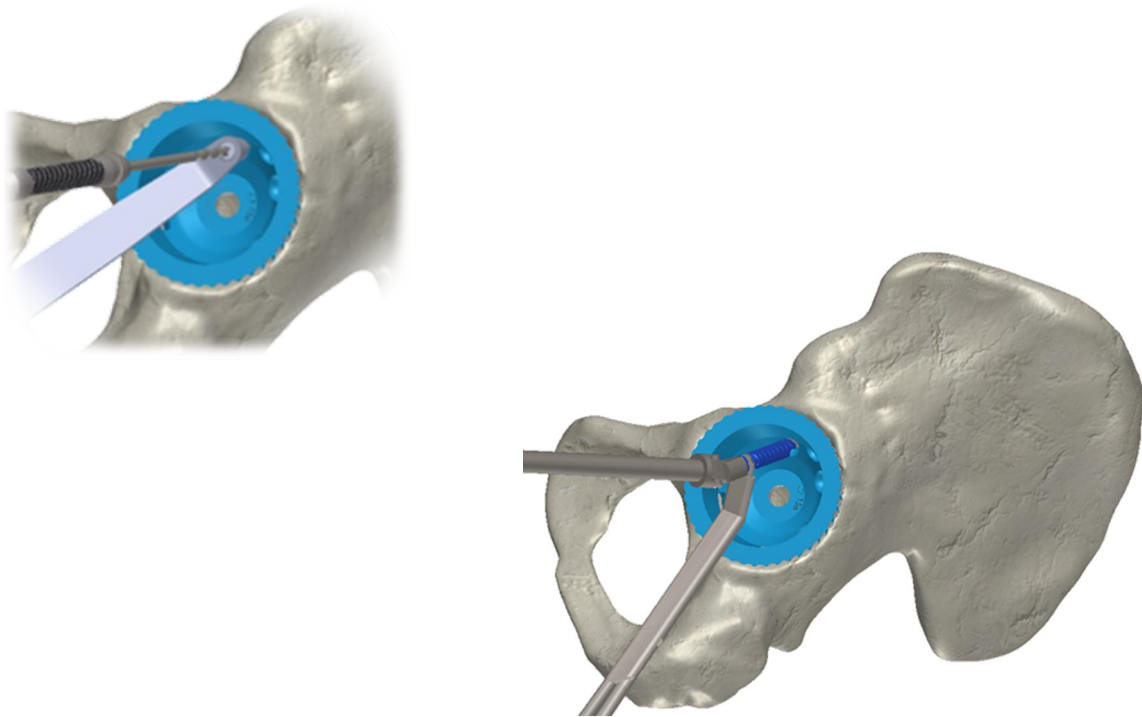
USING THE STRAIGHT IMPACTOR:

Unscrew the impactor from the final cup.

Remove the impactor.

HORIZON[®] II WITH HOLES

FIXATION SCREW INSERTION (OPTIONAL)



The cup's fixation can be reinforced with screws if needed.

Assemble the Ø3.2 mm drill bit (length 35, 50 or 70 mm) on the flexible drive shaft, and the assembly on the power tool.

Use the drill guide to drill into one of the cup holes (two different angles are possible).

Determine the required screw length using the screw measurer.

Choose the appropriate screw and place it into the screw holding clamp; position the screw in the implanted cup.

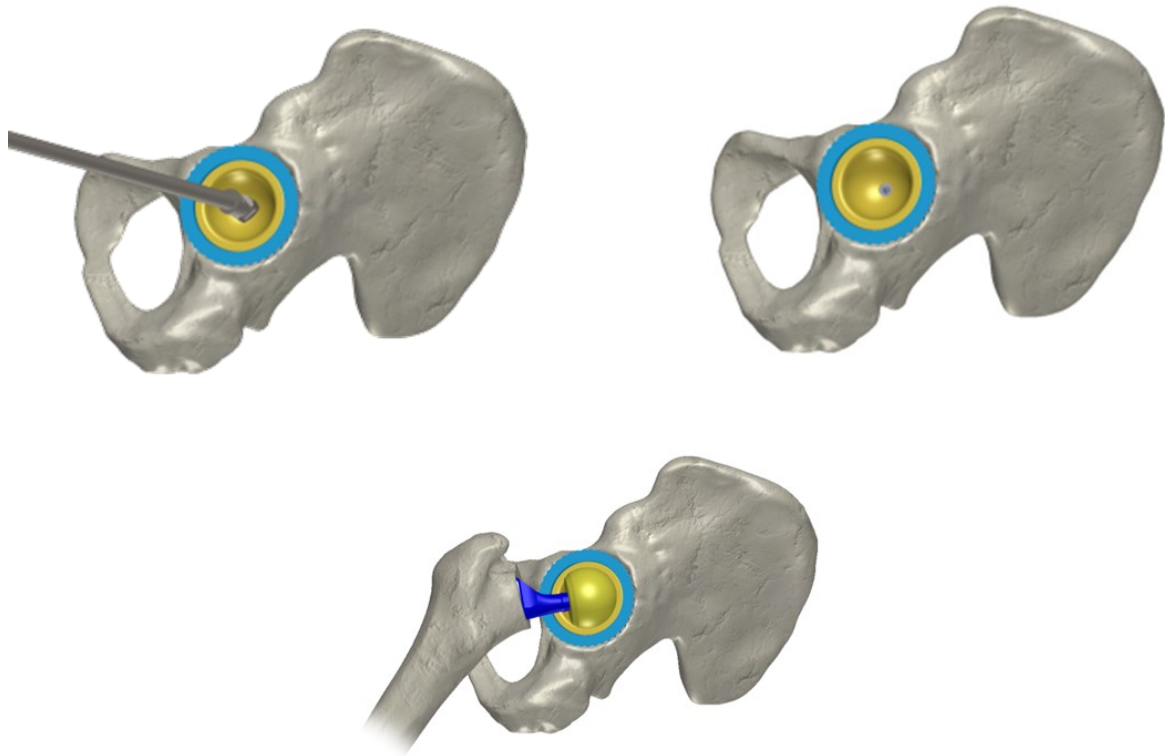
Fully insert the screw using the 3.5 mm Hex driver.

IMPORTANT

Make sure the screw heads are completely embedded inside the cup so they do not interfere with liner placement.

HORIZON[®] II WITH HOLES

TRIALS WITH TRIAL LINER (OPTIONAL)



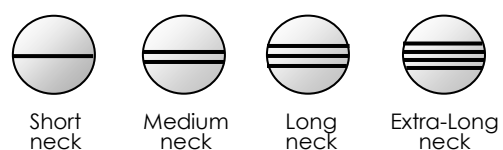
Perform femoral preparation following the implants dedicated surgical technique.

Screw the trial liner into the cup using the H3.5 screwdriver to carry out reduction trials.

Trial heads and liners color code



Trial heads neck length code*



Perform mobility and stability trials with the femoral stem in place.

Remove trial components when stability is validated.

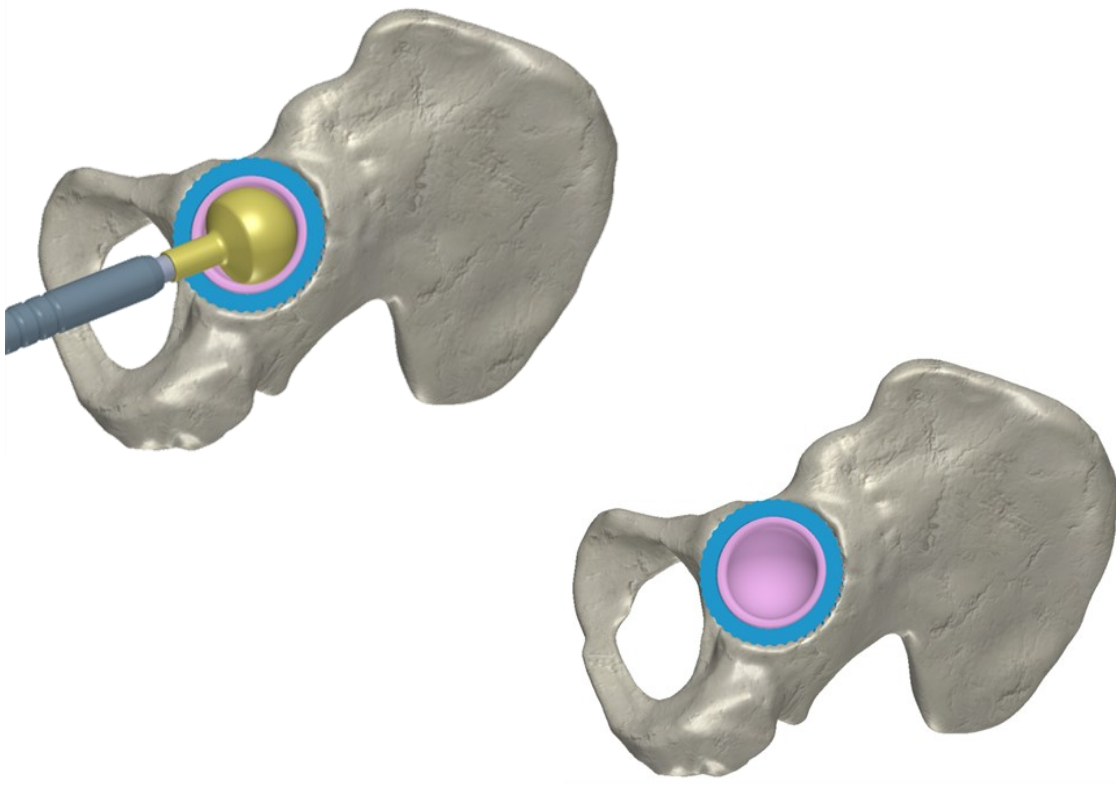
NOTE

Make sure the trial liner is compatible with the final cup
(check engraving on the trial liner)

*Indications, contraindications and pairing restrictions are described in the IFU available with the femoral heads. Please read carefully.

HORIZON[®] II WITH HOLES

FINAL LINER IMPACTION



After cleaning and drying out the implanted cup, slide the chosen BIOLOX[®] *delta* ceramic liner along the cup's Morse taper and in the same axis.

Check the liner positioning by running your finger along the cup's edge; the combined edges of the metal cup and ceramic liner must be completely flat.

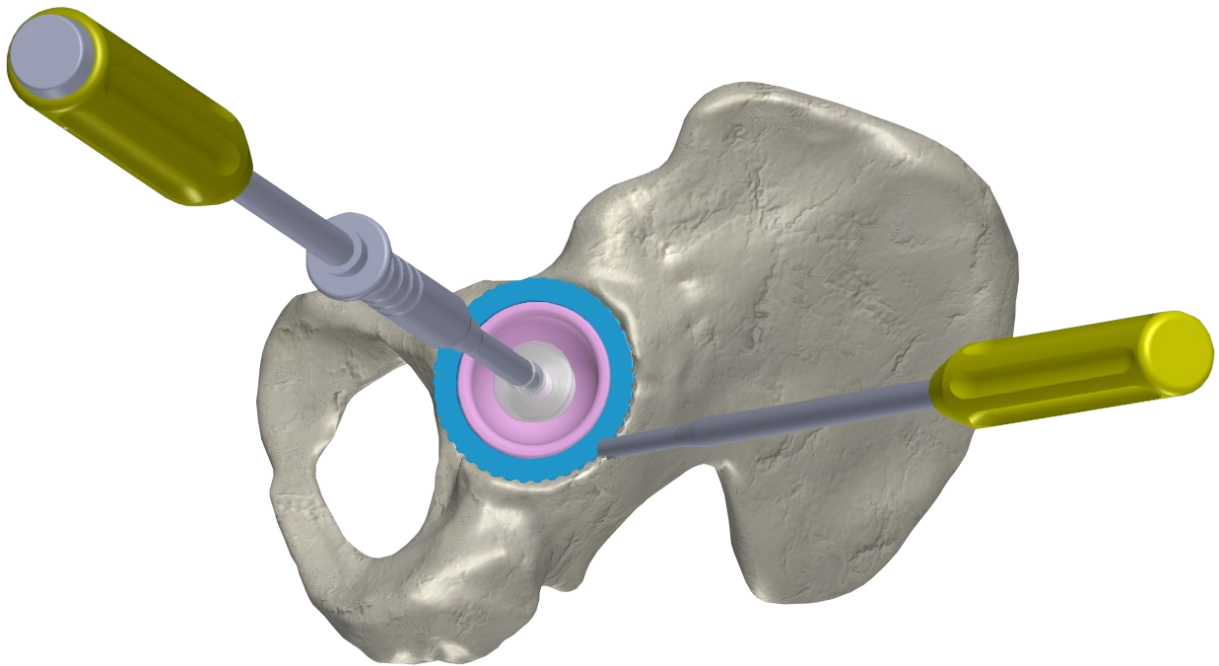
Assemble the cup impactor tip (following the same color coding as the trials heads, described previously) with the universal handle and impact the liner.

IMPORTANT

Make sure the chosen **liner** is compatible with the **implanted cup** (same size as the trial liner that was used, refer to page 3 for the sizes available for **HORIZON[®] II with holes**).

HORIZON[®] II WITH HOLES

IMPLANTS EXTRACTION



Assemble the liner extraction tip with the universal handle and attach the plunger end to the bottom of the ceramic liner.

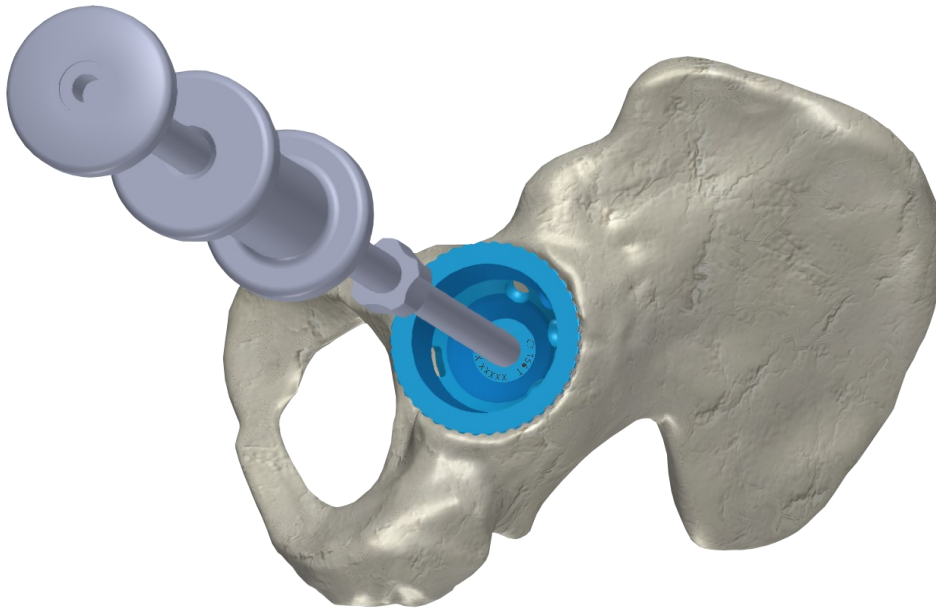
While pulling on the liner extractor, use a metal instrument to tap on the periphery of the cup until the liner releases itself from the cup by resonance.

NOTE

Extraction instrumentation specific to HORIZON[®] II cup with holes is available on request.

HORIZON[®] II WITH HOLES

IMPLANTS EXTRACTION



Remove any fixation screws present using the 3.5 mm Hex driver.

Using K-wires and flexible chisels, scrape the space between the bone and the outer part of the cup to release it.

Assemble the slap hammer weight onto the slap hammer shaft and screw both components with the cup extractor.

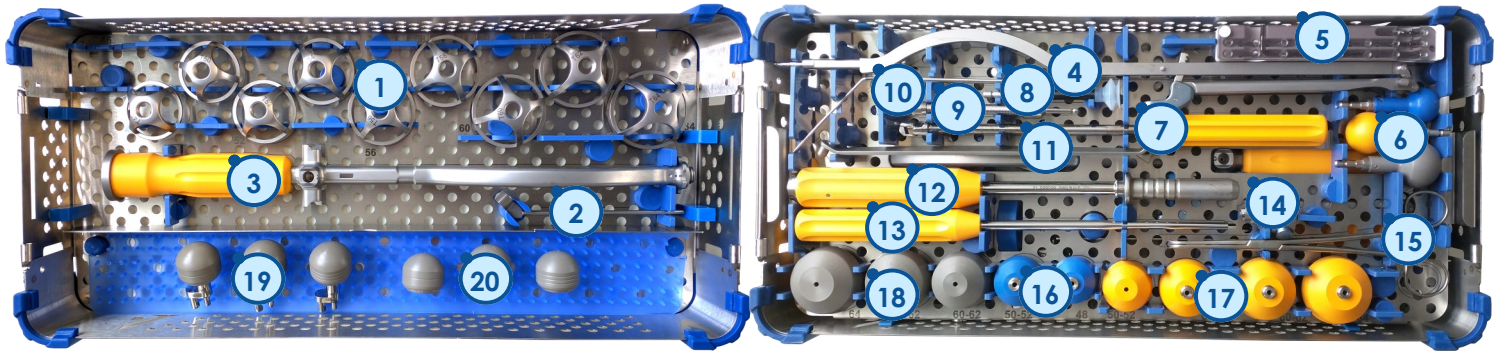
Screw and **firmly tighten** the assembly to the apical hole and proceed to extraction. The slap hammer movement must be in the cup axis.

NOTE

The holding handle can be assembled to the slap hammer shaft.

INSTRUMENTATION

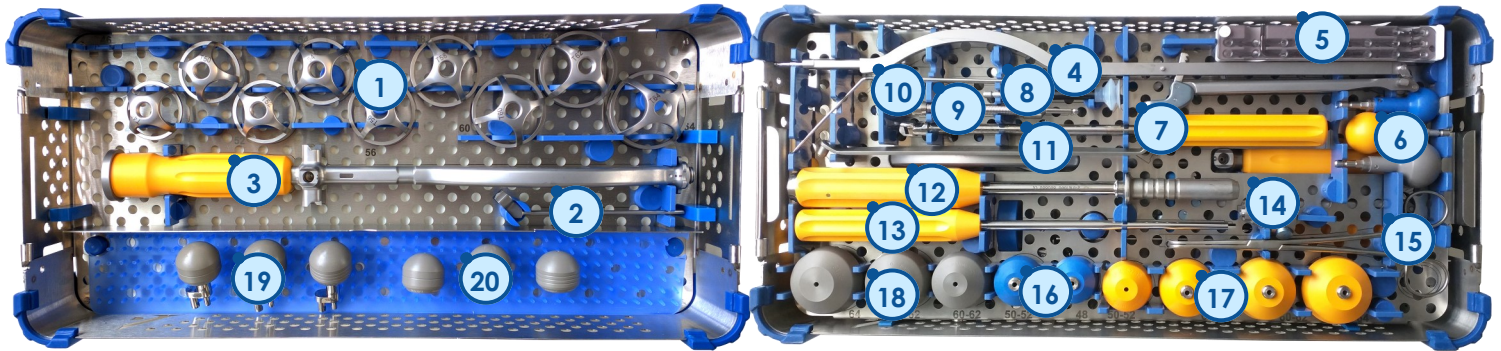
HORIZON[®] II WITH HOLES: CURVED IMPACTOR



Item	Description	Reference	Qty
1	Trial cup HORIZON II - Size 48 to 64	2-0121248 to 2-0121264	1
2	Cup alignment guide for impactor handle Ø15	2-0126000	1
3	Curved cup impactor - Conventional / Navigated	2-0199600	1
4	Rod for Curved Cup impactor - M9 screwing	2-0126200	1
5	Short drill bit Ø3.2 length 35 mm	2-0103800	1
	Short drill bit Ø3.2 length 50 mm	2-0102500	
	Long drill bit Ø3.2 length 70 mm	2-0102600	
	Long drill bit Ø3.2 length 145 mm	2-0102400	
6	Cup impaction tip Ø 28 to Ø36	2-0104128 to 2-0104136	1
7	Screwdriver shaft drive H3.5	2-0102100	1
8	Liner impactor/extractor	2-0107600	1
9	Flexible Shaft	44000	1
10	Screw gauge	2-0102700	1
11	Drill guide for Ø3.2 drill bit	2-0102200	1
12	Universal holding wrench	2-0101000	1
13	H3.5 Retentive Straight Screwdriver	2-0101500	1
14	Expandable connector M9-M14	2-0122700	1
15	Screw Holder Clamp	2-0102800	1
16	Trial ceramic liner Size 48/28	2-0104401	1
	Trial ceramic liner Size 50/28 & 52/28	2-0104402	
17	Trial ceramic liner Size 50/32 & 52/32	2-0118100	1
	Trial ceramic liner Size 54/32 & 56/32 & 58/32	2-0124300	
	Trial ceramic liner Size 60/32 & 62/32	2-0104503	
	Trial ceramic liner Size 64/32	2-0104504	
18	Trial ceramic liner Size 54/36 & 56/36 & 58/36	2-0124400	1
	Trial ceramic liner Size 60/36 & 62/36	2-0116502	
	Trial ceramic liner Size 64/36	2-0116503	
19	Trial neck Ø36 Short neck, Medium Neck and Long Neck	2-0100512 to 2-0100514	1 of each
	Trial revision neck Ø36 Short neck, Medium Neck and Long Neck	2-0100612 to 2-0100614	
20	Trial head on stem Ø36 Short neck	2-0100415	1
	Trial head on stem Ø36 Medium neck	2-0100416	
	Trial head on stem Ø36 Long neck	2-0100417	

INSTRUMENTATION

HORIZON[®] II WITH HOLES: STRAIGHT IMPACTOR



Item	Description	Reference	Qty
1	Trial cup HORIZON II - Size 48 to 64	2-0121248 to 2-0121264	1
2	Cup alignment guide for impactor handle Ø15	2-0126000	1
3	Straight cup impactor - Conventional / Navigated	2-0199700	1
4	Rod for Curved Cup impactor - M9 screwing	2-0126300	1
5	Short drill bit Ø3.2 length 35 mm	2-0103800	1
	Short drill bit Ø3.2 length 50 mm	2-0102500	
	Long drill bit Ø3.2 length 70 mm	2-0102600	
	Long drill bit Ø3.2 length 145 mm	2-0102400	
6	Cup impaction tip Ø 28 to Ø36	2-0104128 to 2-0104136	1
7	Screwdriver shaft drive H3.5	2-0102100	1
8	Liner impactor/extractor	2-0107600	1
9	Flexible Shaft	44000	1
10	Screw gauge	2-0102700	1
11	Drill guide for Ø3.2 drill bit	2-0102200	1
12	Universal holding wrench	2-0101000	1
13	H3.5 Retentive Straight Screwdriver	2-0101500	1
14	Expandable connector M9-M14	2-0122700	1
15	Screw Holder Clamp	2-0102800	1
16	Trial ceramic liner Size 48/28	2-0104401	1
	Trial ceramic liner Size 50/28 & 52/28	2-0104402	
17	Trial ceramic liner Size 50/32 & 52/32	2-0118100	1
	Trial ceramic liner Size 54/32 & 56/32 & 58/32	2-0124300	
	Trial ceramic liner Size 60/32 & 62/32	2-0104503	
	Trial ceramic liner Size 64/32	2-0104504	
18	Trial ceramic liner Size 54/36 & 56/36 & 58/36	2-0124400	1
	Trial ceramic liner Size 60/36 & 62/36	2-0116502	
	Trial ceramic liner Size 64/36	2-0116503	
19	Trial neck Ø36 Short neck, Medium Neck and Long Neck	2-0100512 to 2-0100514	1 of each
	Trial revision neck Ø36 Short neck, Medium Neck and Long Neck	2-0100612 to 2-0100614	
20	Trial head on stem Ø36 Short neck	2-0100415	1
	Trial head on stem Ø36 Medium neck	2-0100416	
	Trial head on stem Ø36 Long neck	2-0100417	

INSTRUMENTATION

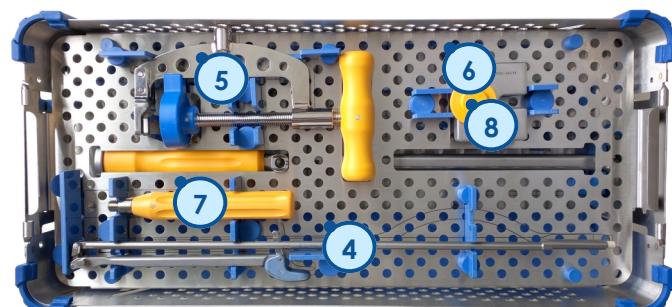
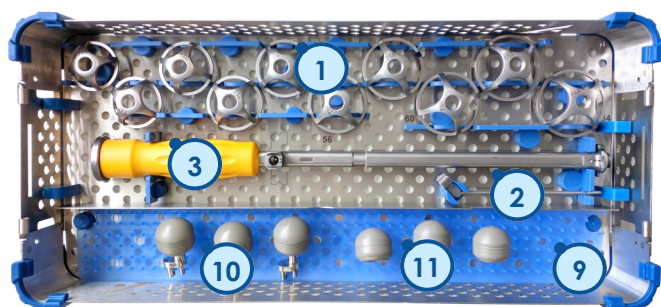
HORIZON[®] II WITH HOLES : STRAIGHT IMPACTOR



Item	Description	Reference	Qty
1	Trial Cup Size 48 to 64	2-01001 48 to 2-01001 64	1
2	Universal Handle	2-0101000	1
3	Cup Impactor	2-0100800	1
4	Cup Alignment Guide	2-0102000	1
5	Screwdriver shaft drive H3.5	2-0102100	1
6	Drill guide for Ø3.2 drill bit	2-0102200	1
7	Flexible Shaft	44000	1
8	Short drill bit Ø3.2 length 35 mm	2-0103800	1
	Short drill bit Ø3.2 length 50 mm	2-0102500	
	Long drill bit Ø3.2 length 70 mm	2-0102600	
	Drill bit Ø3.2 length 145 mm	2-0102400	
9	Screw measurer	2-0102700	1
10	Screw Holder Clamp	2-0102800	1
11	H3.5 Retentive Straight Screwdriver	2-0101500	1
12	Trial ceramic liner Size 48/28	2-0104401	1
	Trial ceramic liner Size 50/28 & 52/28	2-0104402	
13	Trial ceramic liner Size 50/32 & 52/32	2-0118100	1
	Trial ceramic liner Size 54/32 & 56/32 & 58/32	2-0124300	
	Trial ceramic liner Size 60/32 & 62/32	2-0104503	
	Trial ceramic liner Size 64/32	2-0104504	
14	Trial ceramic liner Size 54/36 & 56/36 & 58/36	2-0124400	1
	Trial ceramic liner Size 60/36 & 62/36	2-0116502	
	Trial ceramic liner Size 64/36	2-0116503	
15	Cup impaction tip Ø 28 to 36	2-01041 28 to 2-01041 36	1
16	Liner impactor/extractor	2-0107600	1
17	Trial neck Ø36 Short neck, Medium Neck and Long Neck	2-0100512 to 2-0100514	1 of each
	Trial revision neck Ø36 Short neck, Medium Neck and Long Neck	2-0100612 to 2-0100614	
18	Trial head on stem Ø36 Short neck	2-0100415	1
	Trial head on stem Ø36 Medium neck	2-0100416	
	Trial head on stem Ø36 Long neck	2-0100417	

INSTRUMENTATION

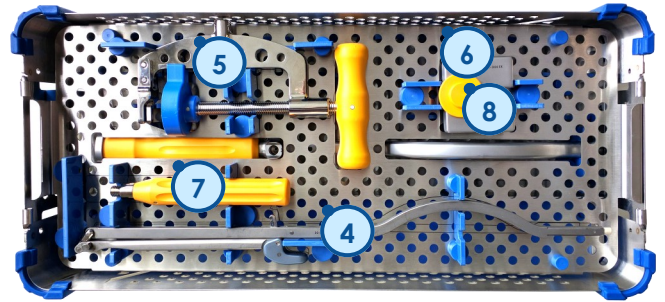
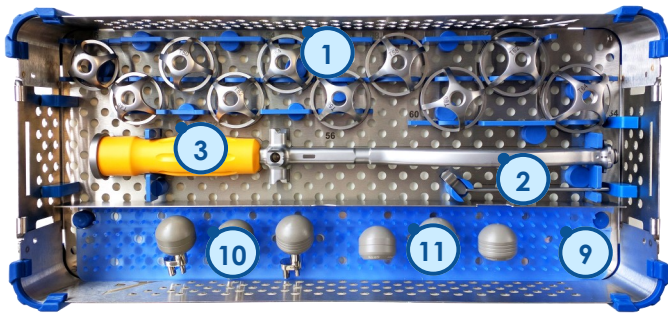
HORIZON[®] II WITHOUT HOLE: STRAIGHT IMPACTOR



Item	Description	Reference	Qty
1	Trial cup HORIZON II - Size 48 to 64	2-0121248 to 2-0121264	1
2	Cup alignment guide for impactor handle Ø15	2-0126000	1
3	Straight cup impactor - Conventional / Navigated	2-0199700	1
4	Rod for preassembled cup Straight impactor	2-0199800	1
5	Press for dual mobility cup AMPLITUDE tip for dual mobility press M5 shoulder screw Lg 16 mm	2-0105900	1
		2-0106000	1
		4-0110500	2
6	Press teat for cap impaction	2-0124200	1
7	Holding handle	2-0104200	1
8	Table base for press	2-0124100	1
9	H3 Wrench	2-0199400	1
10	Trial neck Ø36 Short neck, Medium Neck and Long Neck Trial revision neck Ø36 Short neck, Medium Neck and Long Neck	2-0100512 to 2-0100514	1 of each
		2-0100612 to 2-0100614	
11	Trial head on stem Ø36 Short neck Trial head on stem Ø36 Medium neck Trial head on stem Ø36 Long neck	2-0100415	1
		2-0100416	
		2-0100417	

INSTRUMENTATION

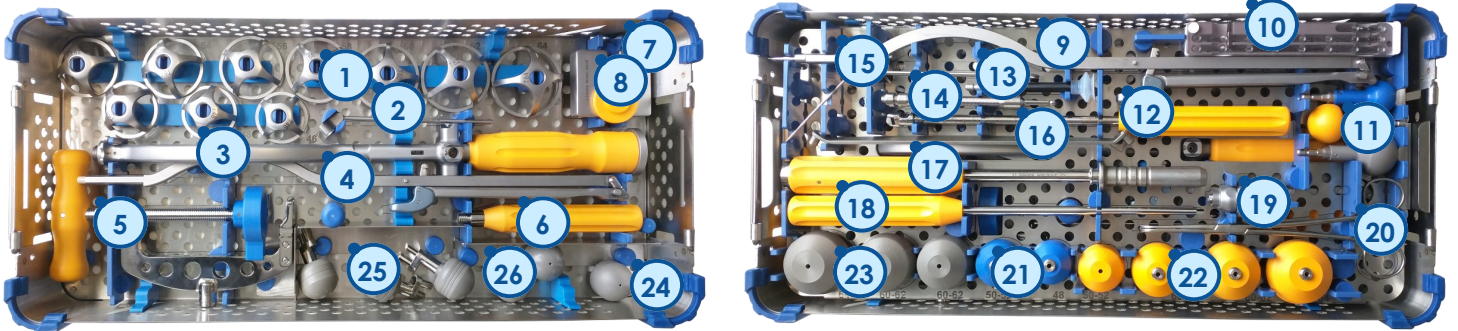
HORIZON[®] II WITHOUT HOLE: CURVED IMPACTOR



Item	Description	Reference	Qty
1	Trial cup HORIZON II - Size 48 to 64	2-0121248 to 2-0121264	1
2	Cup alignment guide for impactor handle Ø15	2-0126000	1
3	Curved cup impactor - Conventional / Navigated	2-0199600	1
4	Rod for preassembled cup Curved impactor	2-0125400	1
5	Press for dual mobility cup AMPLITUDE tip for dual mobility press M5 shoulder screw Lg 16 mm	2-0105900	1
		2-0106000	1
		4-0110500	2
6	Press test for cap impaction	2-0124200	1
7	Holding handle	2-0104200	1
8	Table base for press	2-0124100	1
9	H3 Wrench	2-0199400	1
10	Trial neck Ø36 Short neck, Medium Neck and Long Neck Trial revision neck Ø36 Short neck, Medium Neck and Long Neck	2-0100512 to 2-0100514	1 of each
		2-0100612 to 2-0100614	
11	Trial head on stem Ø36 Short neck Trial head on stem Ø36 Medium neck Trial head on stem Ø36 Long neck	2-0100415	1
		2-0100416	
		2-0100417	

INSTRUMENTATION

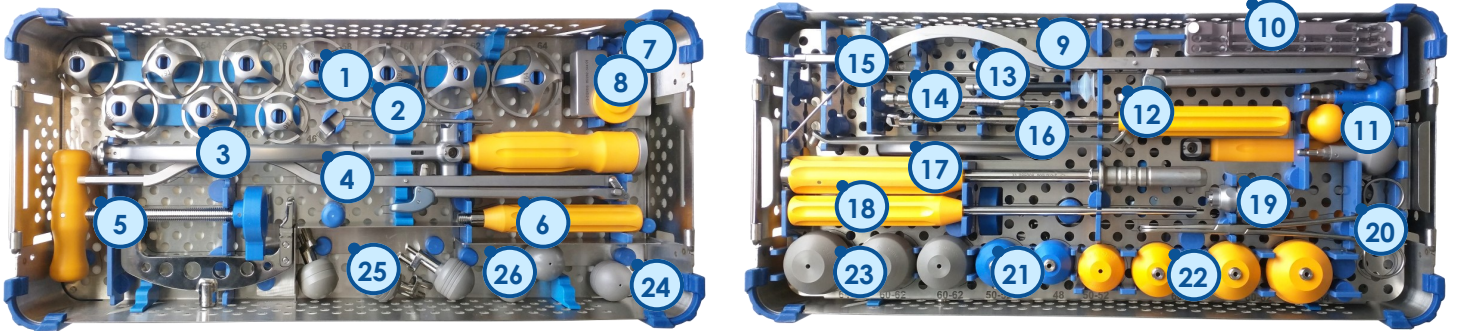
HORIZON® II SHARED: CURVED IMPACTOR



Item	Description	Reference	Qty
1	Trial cup HORIZON II - Size 48 to 64	2-0121248 to 2-0121264	1
2	Cup alignment guide for impactor handle Ø15	2-0126000	1
3	Curved cup impactor - Conventional / Navigated	2-0199600	1
4	Rod for preassembled cup curved impactor	2-0125400	1
5	Press for dual mobility cup AMPLITUDE tip for dual mobility press	2-0105900 2-0106000	1 1
6	Holding handle	2-0104200	1
7	Table base for press	2-0124100	1
8	Press teat for cap impaction	2-0124200	1
9	Rod for Curved Cup impactor - M9 screwing	2-0126200	1
10	Short drill bit Ø3.2 length 35 mm Short drill bit Ø3.2 length 50 mm Long drill bit Ø3.2 length 70 mm Long drill bit Ø3.2 length 145 mm	2-0103800 2-0102500 2-0102600 2-0102400	1
11	Cup impaction tip Ø28 to Ø36	2-0104128 to 2-0104136	1
12	Screwdriver shaft drive H3.5	2-0102100	1
13	Liner impactor/extractor	2-0107600	1
14	Flexible Shaft	44000	1
15	Screw gauge	2-0102700	1
16	Drill guide for Ø3.2 drill bit	2-0102200	1
17	Universal handle	2-0101000	1
18	H3.5 Retentive Straight Screwdriver	2-0101500	1
19	Expandable connector M9-M14	2-0122700	1
20	Screw Holder Clamp	2-0102800	1
21	Trial ceramic liner Size 48/28 Trial ceramic liner Size 50/28 & 52/28	2-0104401 2-0104402	1
22	Trial ceramic liner Size 50/32 & 52/32 Trial ceramic liner Size 54/32 & 56/32 & 58/32 Trial ceramic liner Size 60/32 & 62/32	2-0118100 2-0124300 2-0104503	1
23	Trial ceramic liner Size 54/36 & 56/36 & 58/36 Trial ceramic liner Size 60/36 & 62/36 Trial ceramic liner Size 64/36	2-0124400 2-0116502 2-0116503	1
24	H3 Wrench	2-0199400	1
25	Trial neck Ø36 Short neck, Medium Neck and Long Neck Trial revision neck Ø36 Short neck, Medium Neck and Long Neck	2-0100512 to 2-0100514 2-0100612 to 2-0100614	1 of each
26	Trial head on stem Ø36 Short neck Trial head on stem Ø36 Medium neck	2-0100415 2-0100416	1

INSTRUMENTATION

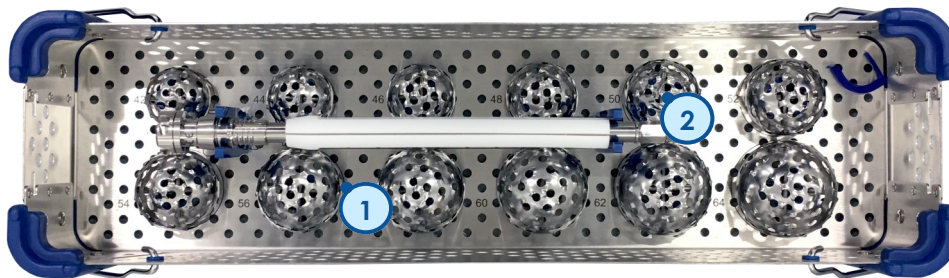
HORIZON[®] II SHARED: STRAIGHT IMPACTOR



Item	Description	Reference	Qty
1	Trial cup HORIZON II - Size 48 to 64	2-01212 48 to 2-01212 64	1
2	Cup alignment guide for impactor handle Ø15	2-0126000	1
3	Straight cup impactor - Conventional / Navigated	2-0199700	1
4	Rod for preassembled cup straight impactor	2-0199800	1
5	Press for dual mobility cup AMPLITUDE tip for dual mobility press	2-0105900 2-0106000	1 1
6	Holding handle	2-0104200	1
7	Table base for press	2-0124100	1
8	Press teat for cap impaction	2-0124200	1
9	Rod for Straight Cup impactor - M9 screwing	2-0126300	1
10	Short drill bit Ø3.2 length 35 mm Short drill bit Ø3.2 length 50 mm Long drill bit Ø3.2 length 70 mm Long drill bit Ø3.2 length 145 mm	2-0103800 2-0102500 2-0102600 2-0102400	1
11	Cup impaction tip Ø 28 to Ø 36	2-01041 28 to 2-01041 36	1
12	Screwdriver shaft drive H3.5	2-0102100	1
13	Liner impactor/extractor	2-0107600	1
14	Flexible Shaft	44000	1
15	Screw gauge	2-0102700	1
16	Drill guide for Ø3.2 drill bit	2-0102200	1
17	Universal handle	2-0101000	1
18	H3.5 Retentive Straight Screwdriver	2-0101500	1
19	Expandable connector M9-M14	2-0122700	1
20	Screw Holder Clamp	2-0102800	1
21	Trial ceramic liner Size 48/28 Trial ceramic liner Size 50/28 & 52/28	2-0104401 2-0104402	1
22	Trial ceramic liner Size 50/32 & 52/32 Trial ceramic liner Size 54/32 & 56/32 & 58/32 Trial ceramic liner Size 60/32 & 62/32	2-0118100 2-0124300 2-0104503	1
23	Trial ceramic liner Size 54/36 & 56/36 & 58/36 Trial ceramic liner Size 60/36 & 62/36 Trial ceramic liner Size 64/36	2-0124400 2-0116502 2-0116503	1
24	H3 Wrench	2-0199400	1
25	Trial neck Ø36 Short neck, Medium Neck and Long Neck Trial revision neck Ø36 Short neck, Medium Neck and Long Neck	2-0100512 to 2-0100514 2-0100612 to 2-0100614	1 of each
26	Trial head on stem Ø36 Short neck Trial head on stem Ø36 Medium neck	2-0100415 2-0100416	1

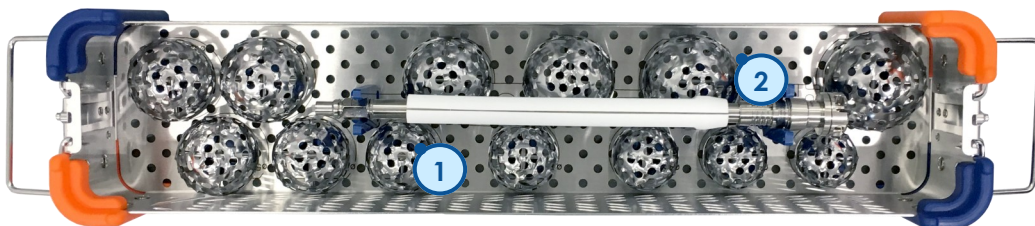
INSTRUMENTATION

ACETABULAR REAMERS SET



Item	Description	Reference	Qty
1	Acetabular reamer Ø42 to Ø64	2-01929 42 to 2-01929 64	1 each
2	Complete monobloc reamer holder with AO connection	MPF310030	1

ACETABULAR REAMERS SET - ODD SIZES



Item	Description	Reference	Qty
1	Acetabular reamer Ø41 to Ø65	2-01929 41 to 2-01929 65	1 each
2	Straight Reamer Handle - AO coupling	T17780*	1

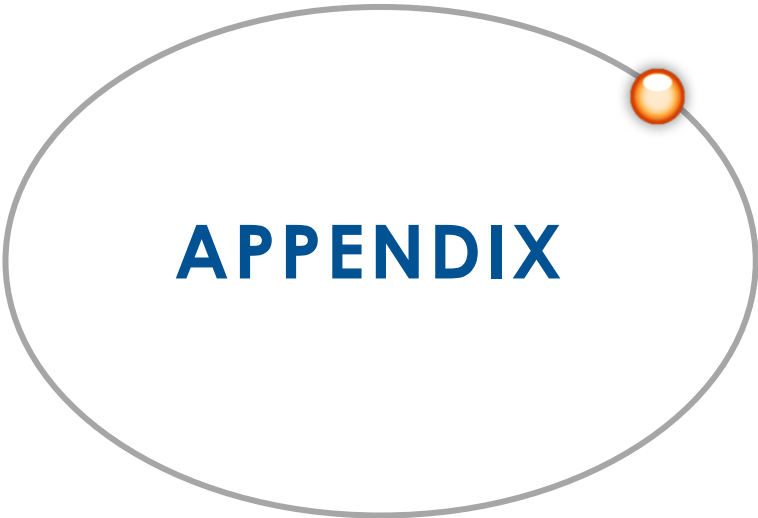
*optional if the tray of even sizes reamers has already been provided.



Description	Reference
IMA reamer handle - Conventional	MPF3100CHA01



Description	Reference
Offset Reamer Handle - Carbon - AO	T17875

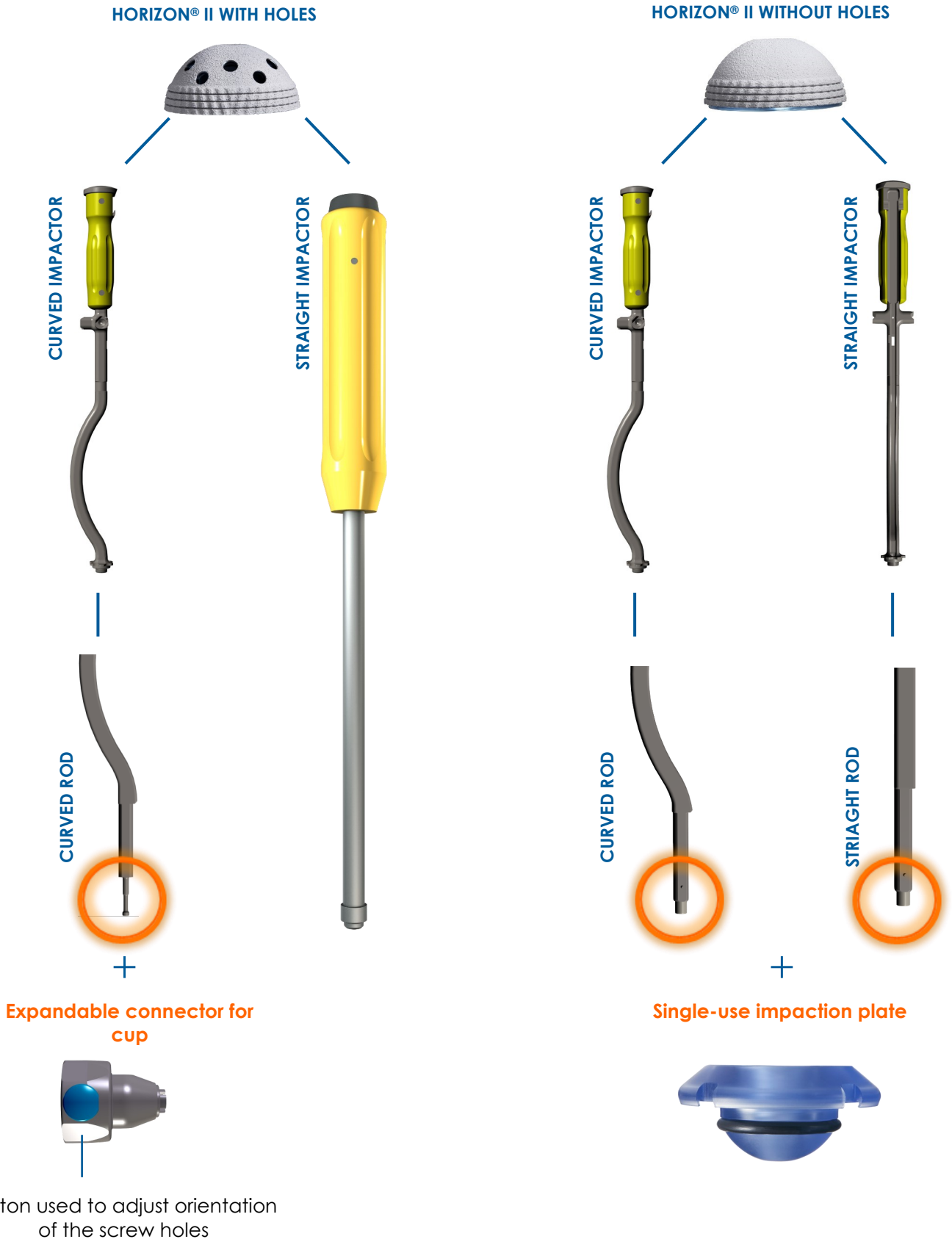


APPENDIX

APPENDIX A

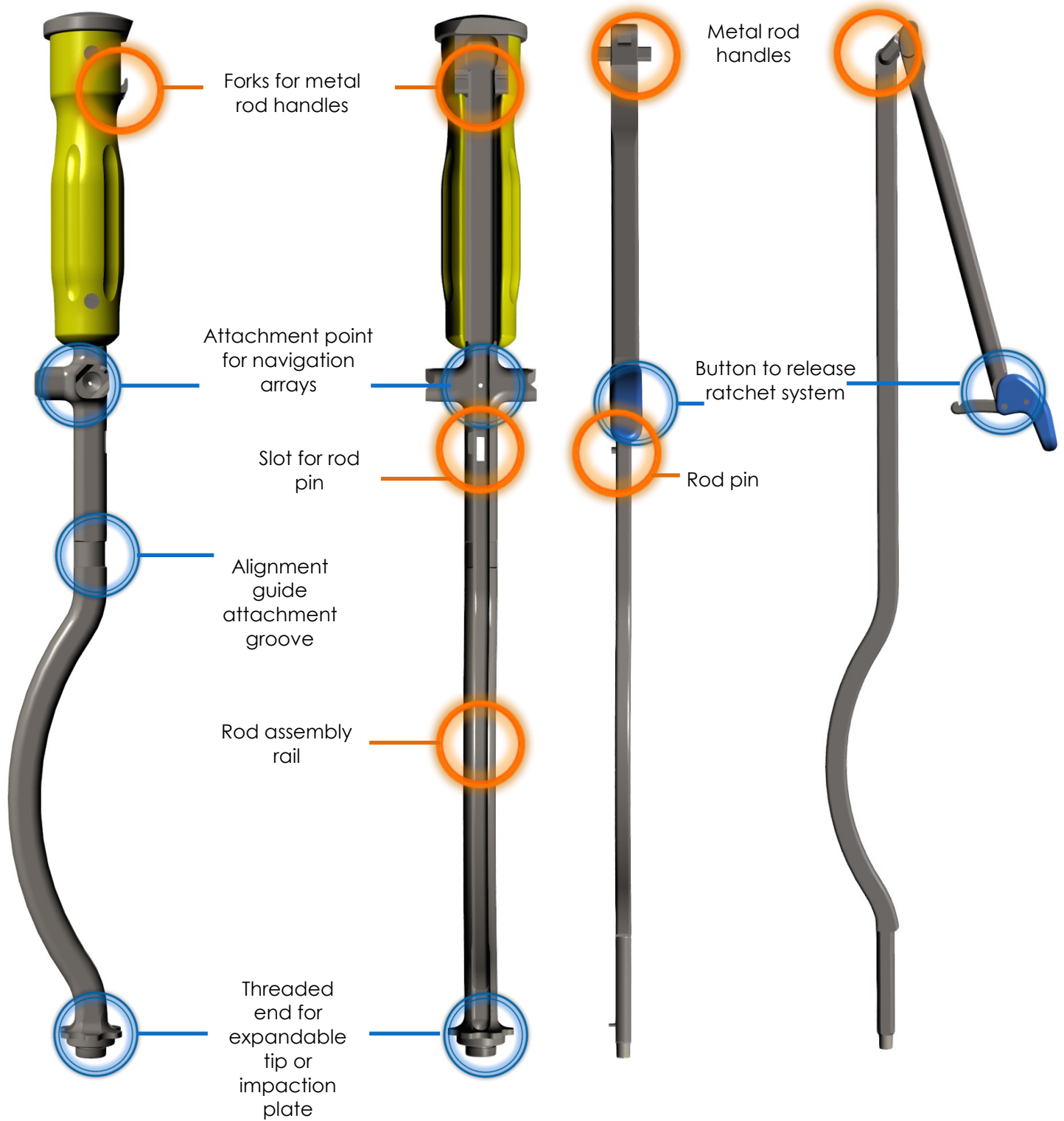
HORIZON® II IMPACTORS RANGE

Before assembly, make sure the cup/rod/impactor are compatible (see below).



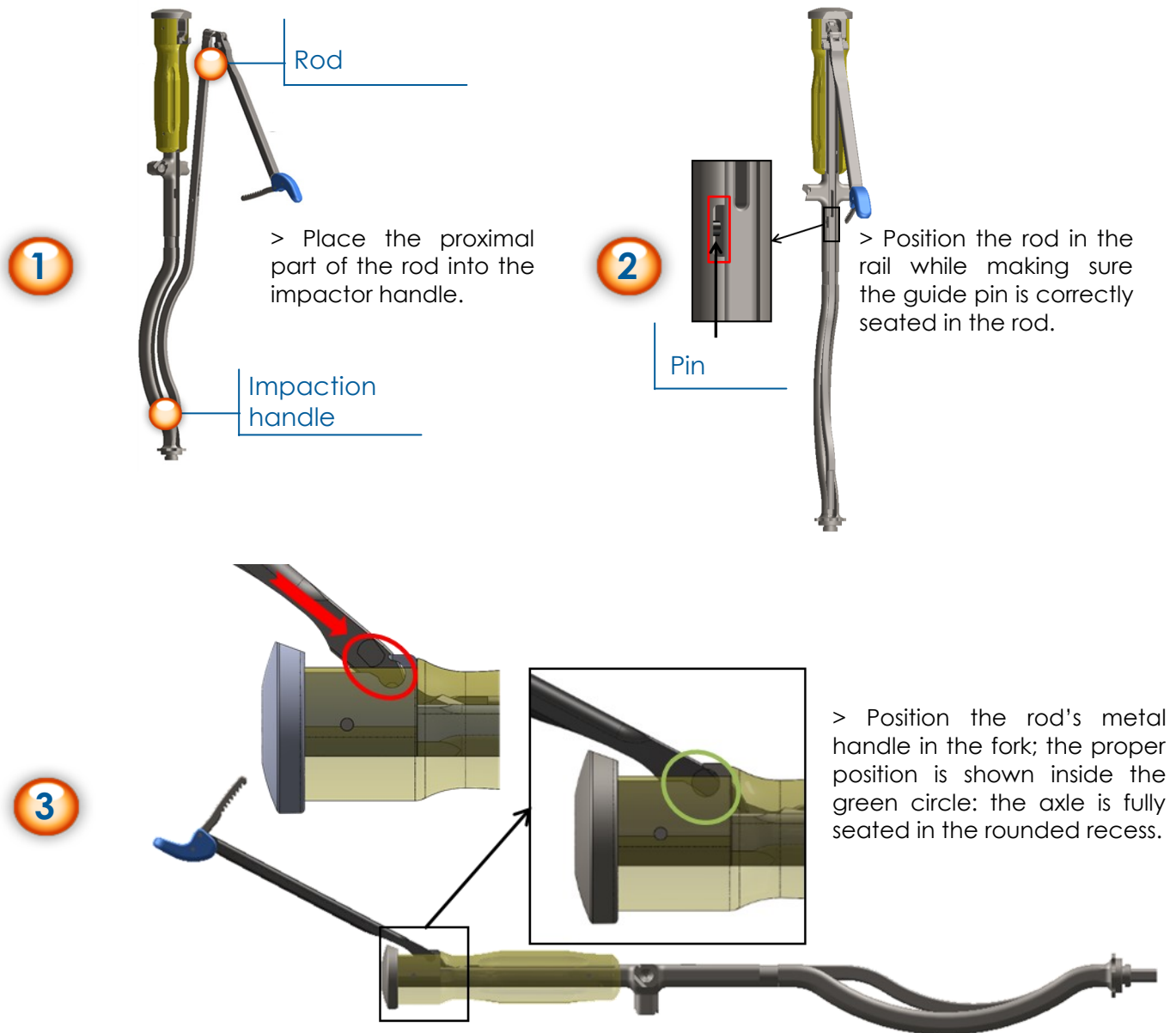
APPENDIX A

DESCRIPTION OF THE « RATCHET » IMPACTOR

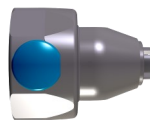


APPENDIX A

ASSEMBLY OF THE « RATCHET » IMPACTOR



For **HORIZON® II with holes**: screw the expandable connector to the end of the impactor shaft.



Poducts availability may vary depending on countries for regulatory reasons. Please check availability with your local representative.



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