



Conformity™ Stem

Femoral Hip System



Direct Anterior Approach
Surgical Technique Guide

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Device Description

Conformity Stem –

The Conformity stem platform provides a comprehensive stem solution to hip arthroplasty surgery. To provide surgeons with the implant that best meets the needs of their patients, Conformity features the clinical proven concepts of utilizing a fully hydroxyapatite (HA) coating on the stem, multiple neck options, collared and collarless features, and has 57 cementless options available. Additionally, 20 cemented options are available in standard and high offset collarless designs. Optimized dimensional parameters are applied to the stem design to maximize the biomechanical advantages and to facilitate minimally invasive surgery in Direct Anterior (DA) and non DA approaches.

77 stem options are available:

Cementless options

- Standard collared stem: size #1-11
- High offset collared stem: size #1-11
- Standard collarless stem: size #1-11
- High offset collarless stem: size #1-11
- Coxa Varus collared stem: size #2-11
- Short neck collared stem: size #1-3

Cemented options

- Standard collarless stem: size #1-10
- High offset collarless stem: size #1-10

INDICATIONS

The device is indicated for use in hip arthroplasty in skeletally mature patients with the following conditions:

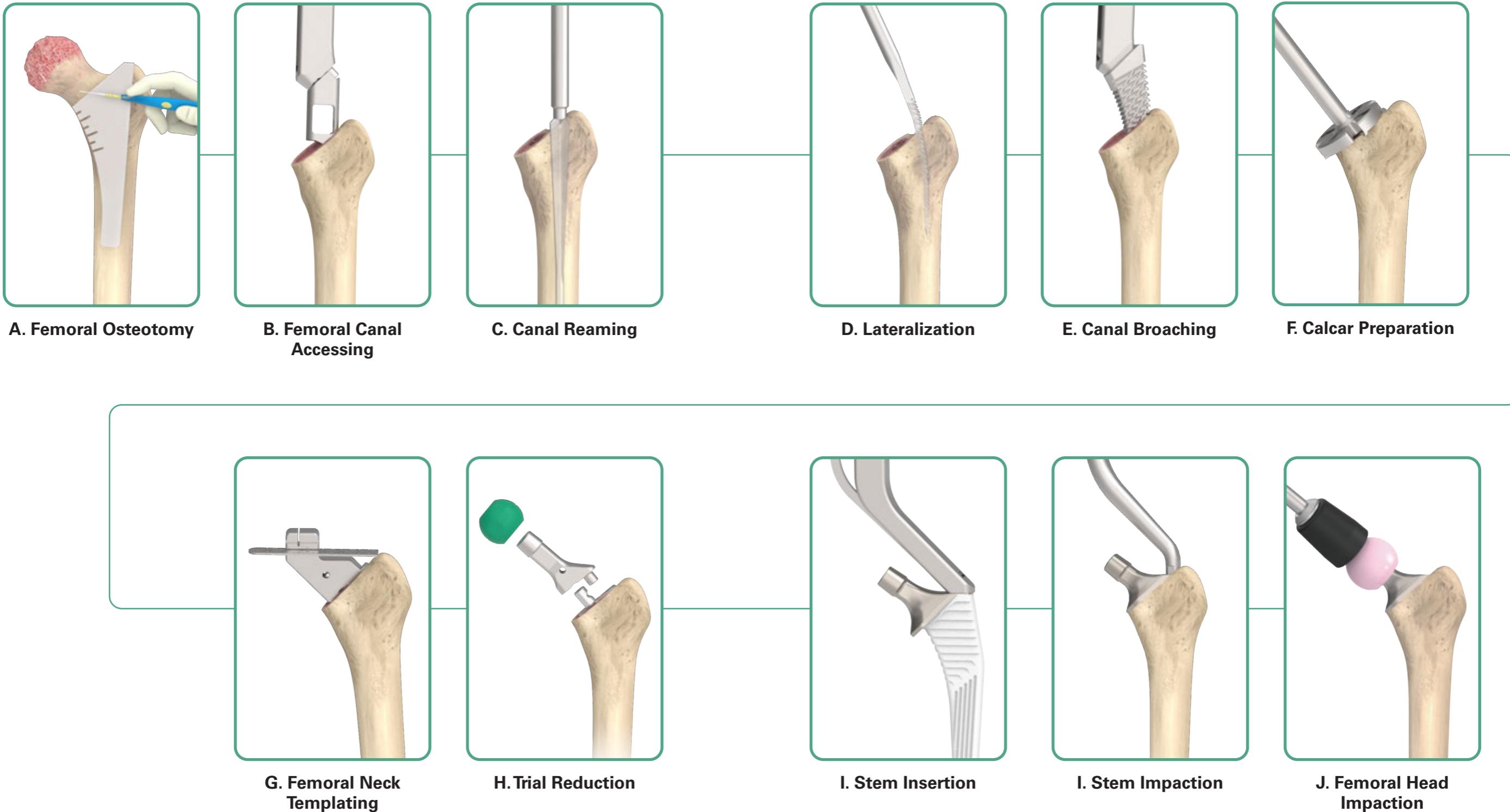
1. A severely painful and/or disabled joint from osteoarthritis, traumatic arthritis, rheumatoid arthritis, or congenital hip dysplasia.
2. Avascular necrosis of the femoral head.
3. Acute traumatic fracture of the femoral head or neck.
4. Failed previous hip surgery including joint reconstruction, internal fixation, arthrodesis, hemiarthroplasty, surface replacement or total hip replacement.
5. Certain cases of ankylosis.

Please note:

1. The conformity stem is for cementless use only, while the conformity cemented stem is for cemented use only.
2. This Surgical Protocol is consistent with our validated labeling. It is not intended to substitute for each surgeon's individual medical judgement regarding patient care. It is intended to be a reference document to be utilized in support of total hip arthroplasty using United Orthopedics' Conformity stem.



Surgical Overview



Preoperative Planning and Templating

Preoperative planning is essential for determining the optimal stem size, neck resection level, and the appropriate neck length. Making an accurate femoral component selection begins with a thorough radiographic evaluation of the affected femur, both A/P view and lateral view. The A/P radiographic image should include bilateral hip joints to help evaluate the affected side. These radiographs provide an estimation of leg length discrepancy, femoral offset and center of rotation needed to reconstruct hip biomechanics.

The conformity stem features a medial step and horizontal/vertical grooves for stabilization. The stem is designed to seat in cancellous bone. When templating, plan to have the implant extend to the cortical boundaries of bone in order to ensure proper sizing. Surgeons may choose between standard and high offset options between sizes 1-11.

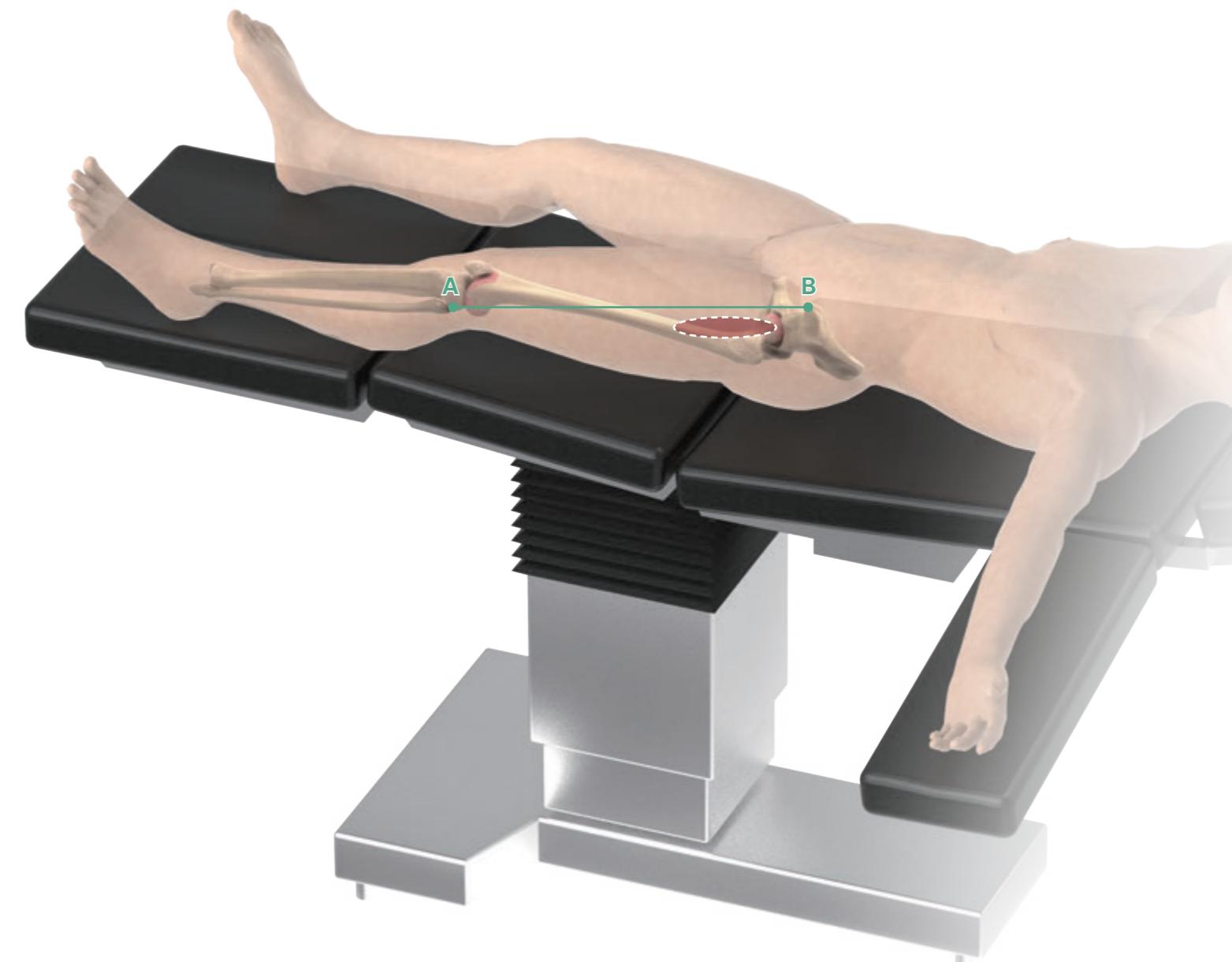
There is also short neck stems available for sizes 1-3, and coxa vara stems available for sizes 2-11. This variety of proximal lengths and offsets allows the surgeons for maximal flexibility in reproducing leg length and offset for each patient.

Templates show the neck length and offset for each of the head/ neck combinations (-3 to +10 mm, depending on head material and diameter). The final determination of implant choice should take into account the acetabular cup position, cup size, and hip center.



Initial Incision Planning

Location of the incision is determined using the ASIS as a reference. For the direct anterior approach, an incision placement 1 cm lateral, and 3 cm distal, to the ASIS is recommended. Incision length is generally 8-10 cm aimed towards the lateral aspect of the patella and generally targeting the greater trochanter to be the mid aspect of the incision.



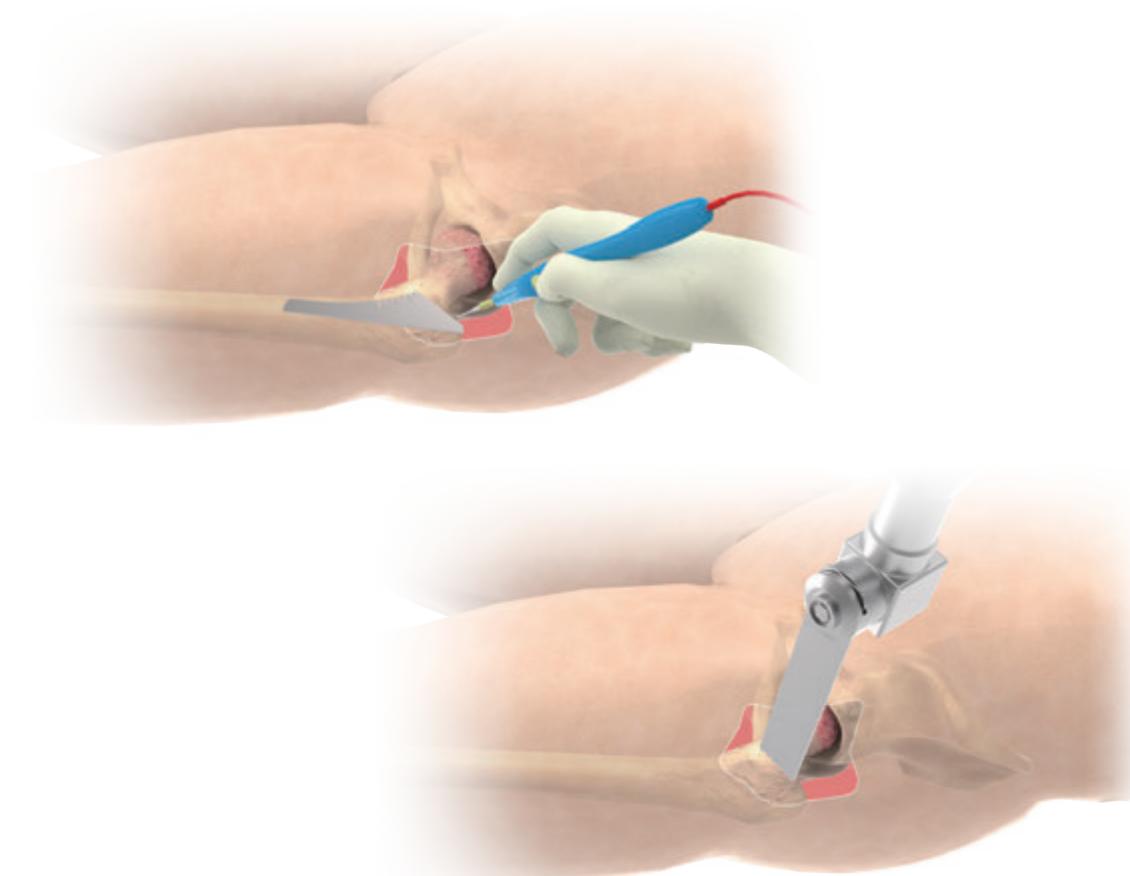
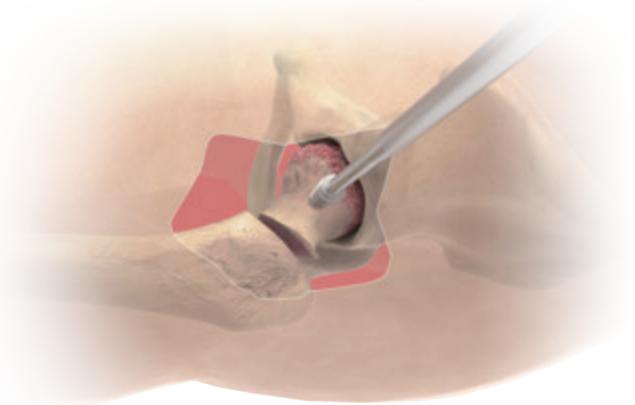
A. Femoral Osteotomy

The osteotomy is made in accordance with the pre-operative templating. The initial osteotomy typically starts at the saddle (the curved area where the greater trochanter and femoral neck meet) and proceeds at approximately 45° to the axis of the femur. Care should be taken to avoid cutting the greater trochanter. A blunt retractor may be placed in this location to protect the tip of the trochanter.

Intra-operatively, align the **Conformity Neck Resection Guide** with the anatomical axis of the femoral canal. Mark the cut line using electrocautery, then complete the femoral neck resection with a power saw. Connect the **Femoral Head Extractor** with **Modular T-Handle** or power tool then remove the femoral head.

Tip:

If desired, a second osteotomy can be made at the junction of the femoral head and neck. The boney ring between the osteotomies is removed facilitating femoral head removal.



Instruments



Conformity Neck
Resection Guide

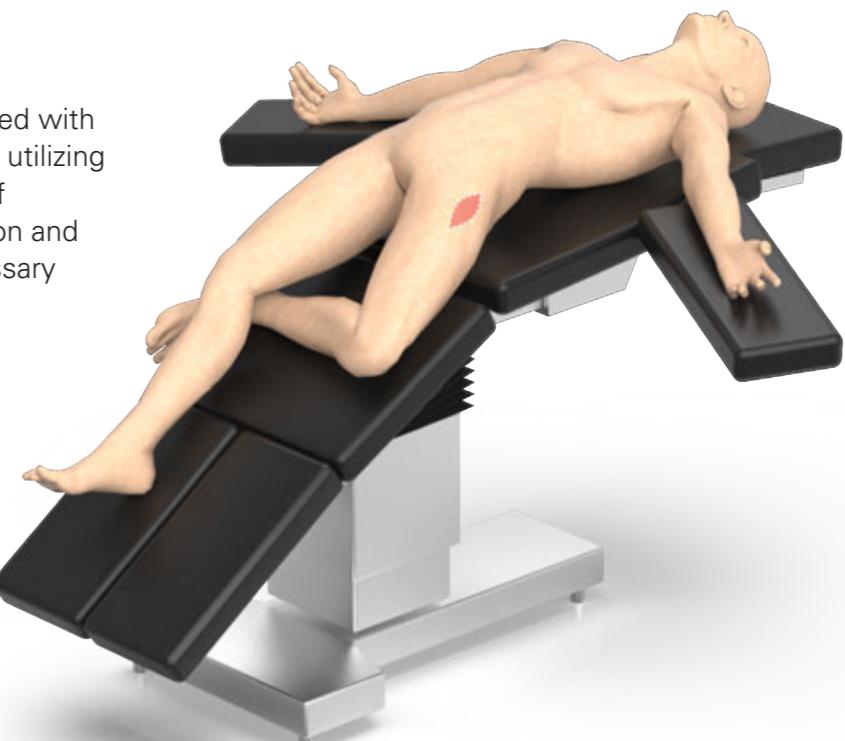


Modular T-Handle

Femoral Exposure

Femoral exposure can be facilitated with a figure-of-four position or simply utilizing external rotation and adduction of the operated limb. Slight adduction and 90° of external rotation are necessary but avoid excessive flexion of the knee on the operative leg.

Soft tissue releases can help mobilize the proximal femur as needed.



Instruments



Femoral Head Extractor



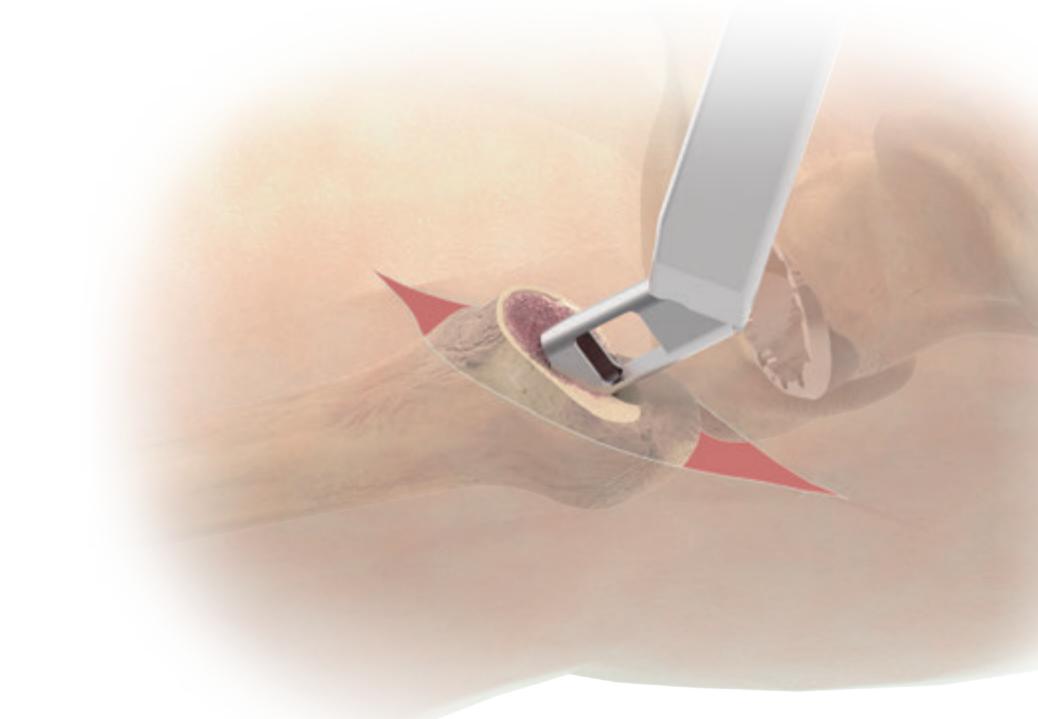
Modular T-Handle

B. Femoral Canal Accessing

Utilize the modular **Femoral Cutting Chisel** with an **Offset Broach Handle** to start the initial entry into the canal. Care should be taken to ensure that the entry point is lateral in direction (posterior in appearance).

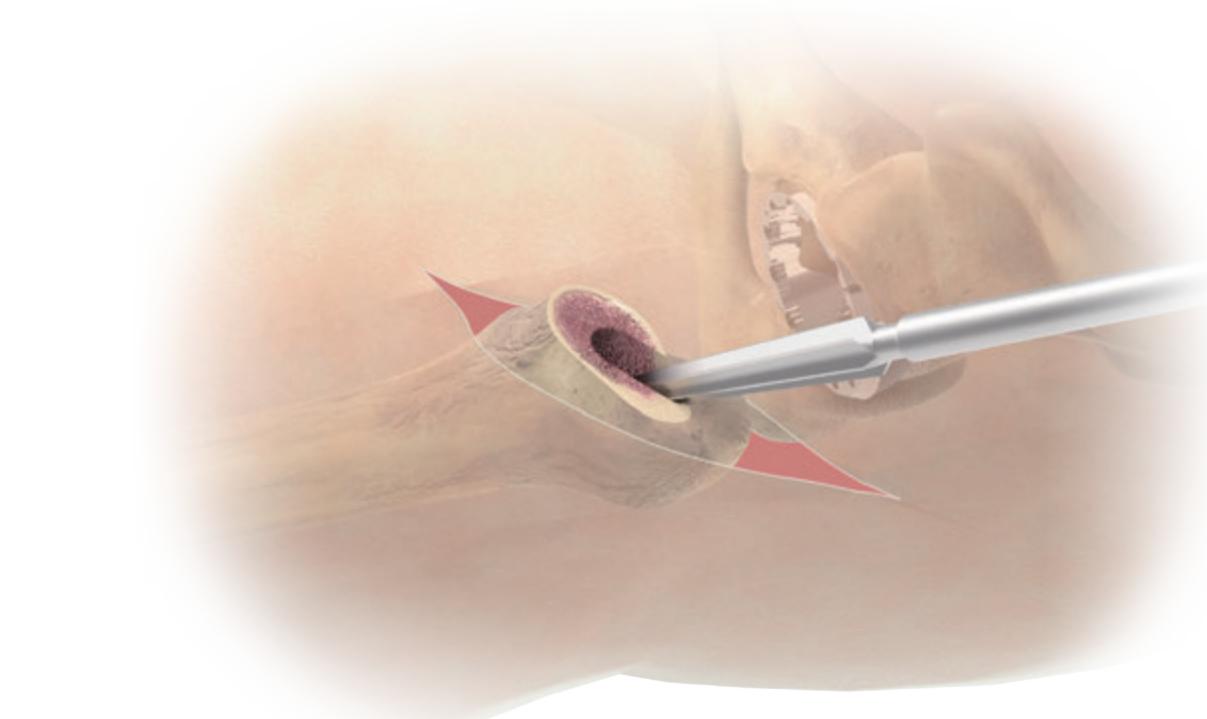
 **Tip:**

A curved rasp or angled curette may be helpful to sound the canal initially.



C. Canal Reaming

The **Starter Reamer** is used with the **Modular T-Handle** or power tool to open the femoral canal and to help ensure the correct alignment within the femoral anatomical axis.



Instruments



Modular Femoral
Cutting Chisel



Straight Broach
Handle



Offset Broach
Handle



Dual Offset Broach
Handle

Instruments



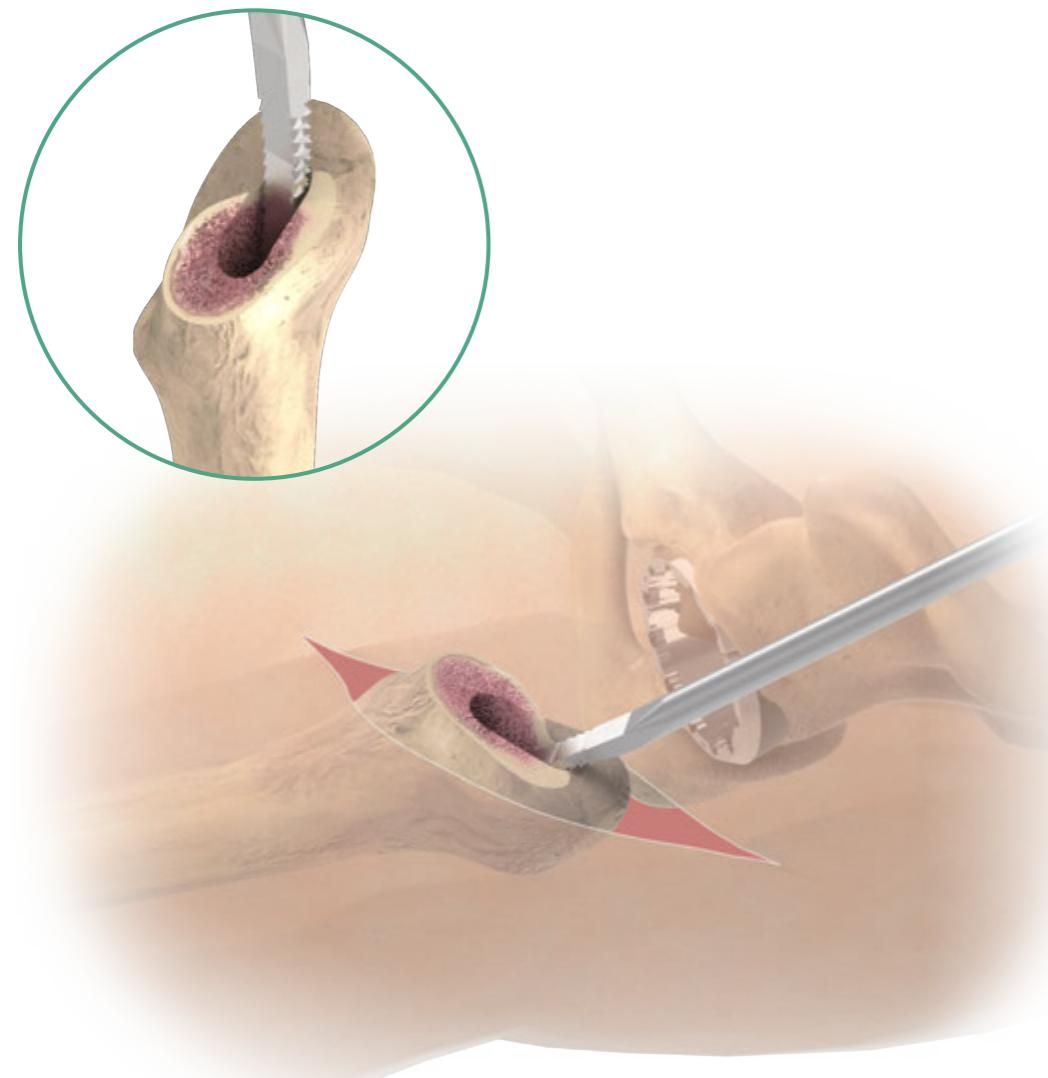
Starter Reamer



Modular T-Handle

D.Lateralization

Use the **Canal Finder Rasp** to further remove the bone laterally beneath the greater trochanter in order to avoid varus positioning of the stem. This step helps to guide the axis of the femur for subsequent broaching and stem implantation.



E.Canal Broaching

Carefully control the direction for ideal anteversion. Gradually enlarge the canal with the **Hybrid Broach** along the created orientation until the planned template size is achieved. The M/L dimensions of the **Hybrid Broach** are identical to that of the implant. There is a 1.5 mm increment on the M/L width between each size from size #2 to #11. The interval between #3 and #4 is 0.75 mm on both medial and lateral sides. While the interval between #1 and #2 is 0.375 mm on both sides.



United Conformity

Size	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11
M/L Width	10.75	11.5	13.0	14.5	16.0	17.5	19.0	20.5	22.0	23.5	25.0
Increment	-	0.75	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

Unit : mm

⚠ Caution:

Care should be taken when inserting or extracting the broaches to ensure that the broach handle does not engage the greater trochanter. Once the risk of this engagement is observed, adequate enlargement of the entry location is necessary to avoid femoral fracture at the proximal medial region.

☒ Note:

It is suggested that the broach be fully advanced in the canal before broaching begins. This will help minimize the risk of creating a new path.

Instruments



Canal Finder Rasp

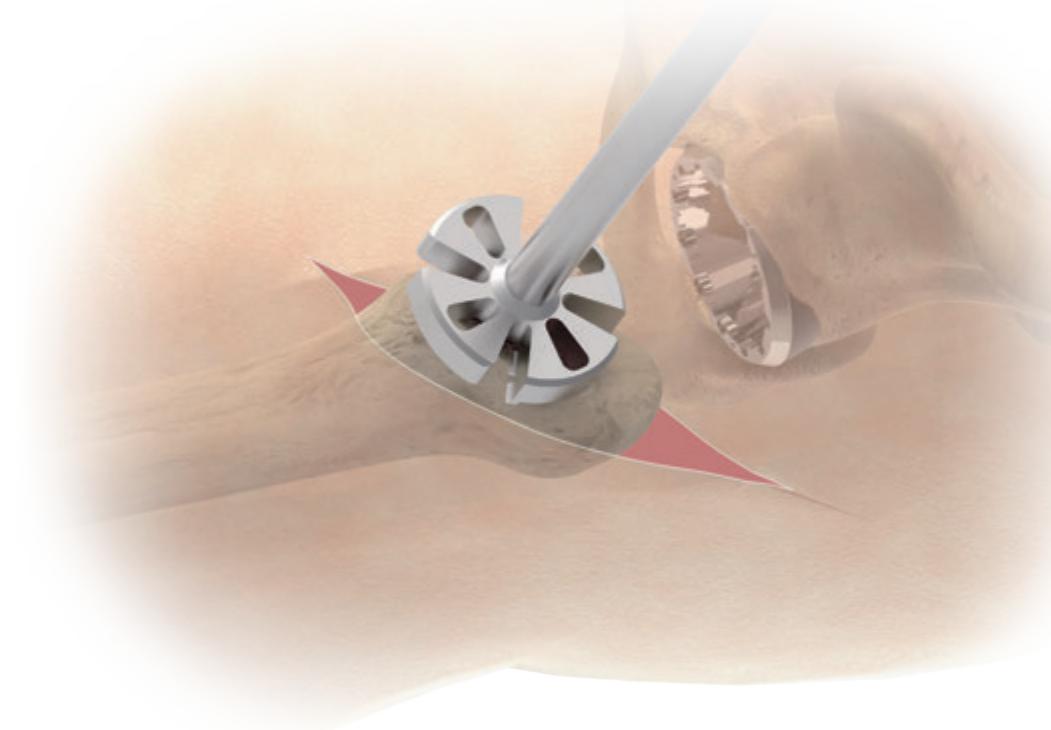
Instruments



Straight Broach Handle Offset Broach Handle Dual Offset Broach Handle Hybrid Broach

F. Calcar Preparation

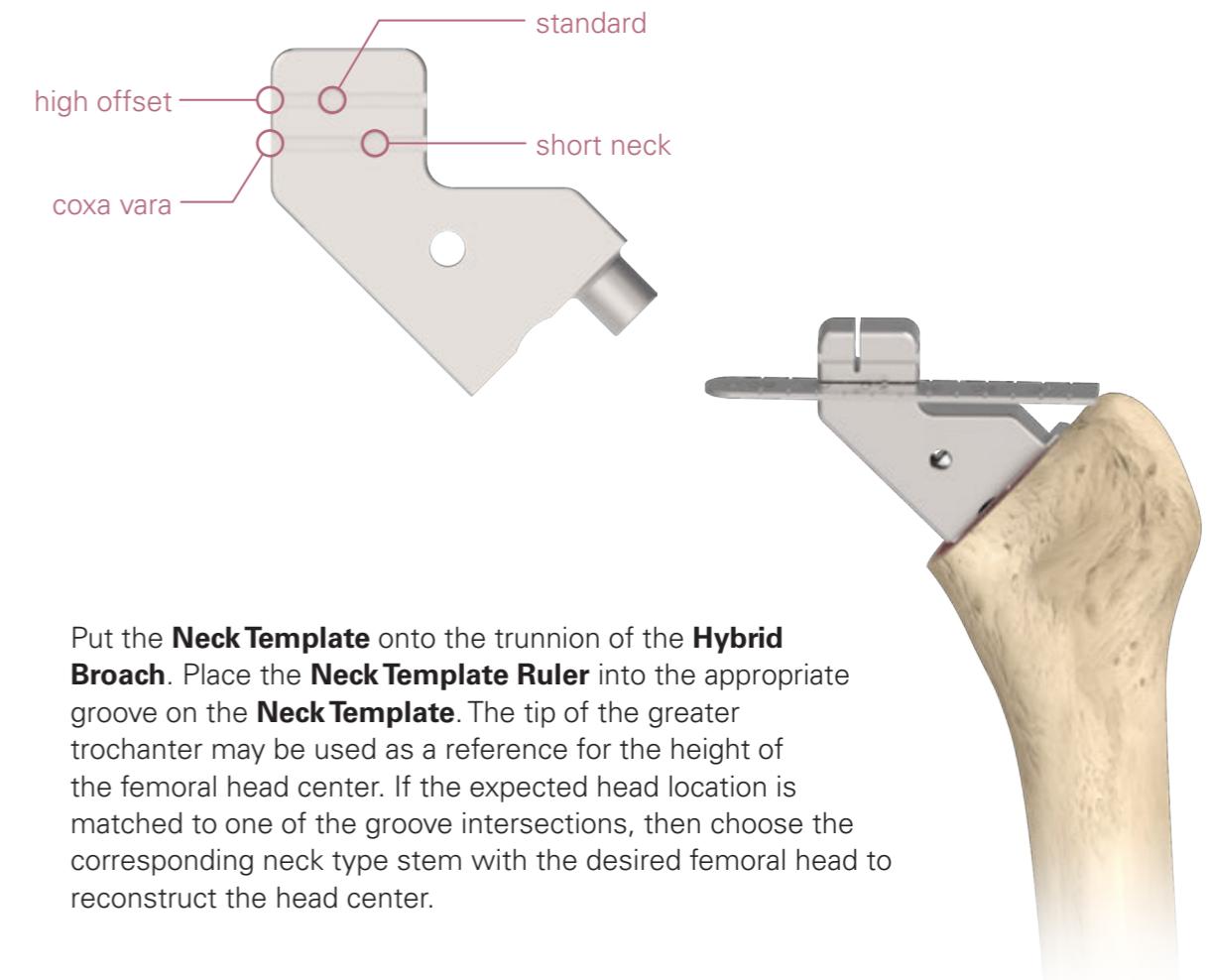
When the final broach is seated, choose the corresponding **Conformity Calcar Reamer** and guide the reamer over the **Hybrid Broach** trunnion ensuring that the **Conformity Calcar Reamer** is axially aligned with the trunnion and is stable.



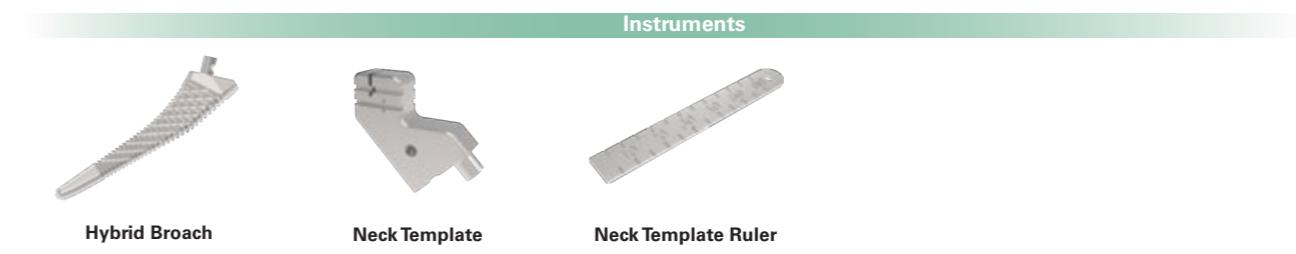
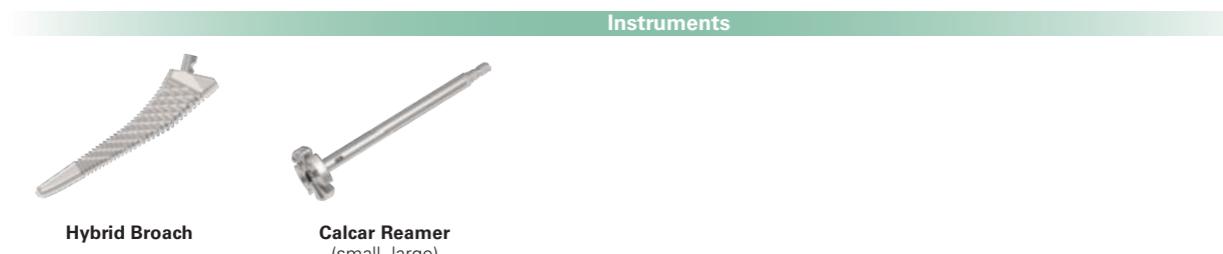
G. Femoral Neck Templing (Optional)

The **Neck Template** allows for intra-operative confirmation before a neck trial is selected.

The ideal horizontal offset of the femoral head can be evaluated preoperatively, by using radiographs and templates. The grooves on the **Neck Template** represent the suggested neck type for the stem. Each intersection location shows the exact head center when choosing the corresponding stem:



Put the **Neck Template** onto the trunnion of the **Hybrid Broach**. Place the **Neck Template Ruler** into the appropriate groove on the **Neck Template**. The tip of the greater trochanter may be used as a reference for the height of the femoral head center. If the expected head location is matched to one of the groove intersections, then choose the corresponding neck type stem with the desired femoral head to reconstruct the head center.



(Optional) G. Femoral Neck Templating

If a pre-operative plan is made and the horizontal offset is determined, or an intra-operative measurement gives a suggested offset which is not equal to the defined neck type, surgeons may read the marks on the **Neck Template Ruler**, and decide the optimal offset required for restoring joint stability.

To achieve the desired offset, surgeons may choose from the femoral head offsets and neck options listed below. Leg length and offset should be considered when selecting these options. The following table shows the combination of different Conformity stem neck types to various head offset offered:



Instruments



Hybrid Broach



Neck Template



Neck Template Ruler

(Optional) G. Femoral Neck Templating

Head Size	CoCr 28 / 32 / 36 mm						Ceramic 28 mm			Ceramic 32 mm				Ceramic 36 / 40 mm			
Head Offset	-3	+0	+2.5	+5	+7.5	+10	-2.5	+1	+4	-3	+1	+5	+8	-3	+1	+5	+9

Standard (#1-#11)	#1	33.9	36.0	37.8	39.5	41.3	43.1	34.2	36.7	38.8	33.9	36.7	39.5	41.7	33.9	36.7	39.5	42.4
	#2	34.4	36.5	38.3	40.0	41.8	43.6	34.7	37.2	39.3	34.4	37.2	40.0	42.2	34.4	37.2	40.0	42.9
	#3	35.4	37.5	39.3	41.0	42.8	44.6	35.7	38.2	40.3	35.4	38.2	41.0	43.2	35.4	38.2	41.0	43.9
	#4	35.9	38.0	39.8	41.5	43.3	45.1	36.2	38.7	40.8	35.9	38.7	41.5	43.7	35.9	38.7	41.5	44.4
	#5	36.9	39.0	40.8	42.5	44.3	46.1	37.2	39.7	41.8	36.9	39.7	42.5	44.7	36.9	39.7	42.5	45.4
	#6	37.4	39.5	41.3	43.0	44.8	46.6	37.7	40.2	42.3	37.4	40.2	43.0	45.2	37.4	40.2	43.0	45.9
	#7	37.9	40.0	41.8	43.5	45.3	47.1	38.2	40.7	42.8	37.9	40.7	43.5	45.7	37.9	40.7	43.5	46.4
	#8	38.9	41.0	42.8	44.5	46.3	48.1	39.2	41.7	43.8	38.9	41.7	44.5	46.7	38.9	41.7	44.5	47.4
	#9	39.4	41.5	43.3	45.0	46.8	48.6	39.7	42.2	44.3	39.4	42.2	45.0	47.2	39.4	42.2	45.0	47.9
	#10	40.4	42.5	44.3	46.0	47.8	49.6	40.7	43.2	45.3	40.4	43.2	46.0	48.2	40.4	43.2	46.0	48.9
	#11	41.4	43.5	45.3	47.0	48.8	50.6	41.7	44.2	46.3	41.4	44.2	47.0	49.2	41.4	44.2	47.0	49.9

High Offset (#1-#11)	#1	40.9	43.0	44.8	46.5	48.3	50.1	41.2	43.7	45.8	40.9	43.7	46.5	48.7	40.9	43.7	46.5	49.4
	#2	41.4	43.5	45.3	47.0	48.8	50.6	41.7	44.2	46.3	41.4	44.2	47.0	49.2	41.4	44.2	47.0	49.9
	#3	42.4	44.5	46.3	48.0	49.8	51.6	42.7	45.2	47.3	42.4	45.2	48.0	50.2	42.4	45.2	48.0	50.9
	#4	42.9	45.0	46.8	48.5	50.3	52.1	43.2	45.7	47.8	42.9	45.7	48.5	50.7	42.9	45.7	48.5	51.4
	#5	43.9	46.0	47.8	49.5	51.3	53.1	44.2	46.7	48.8	43.9	46.7	49.5	51.7	43.9	46.7	49.5	52.4
	#6	44.4	46.5	48.3	50.0	51.8	53.6	44.7	47.2	49.3	44.4	47.2	50.0	52.2	44.4	47.2	50.0	52.9
	#7	44.9	47.0	48.8	50.5	52.3	54.1	45.2	47.7	49.8	44.9	47.7	50.5	52.7	44.9	47.7	50.5	53.4
	#8	45.9	48.0	49.8	51.5	53.3	55.1	46.2	48.7	50.8	45.9	48.7	51.5	53.7	45.9	48.7	51.5	54.4
	#9	46.4	48.5	50.3	52.0	53.8	55.6	46.7	49.2	51.3	46.4	49.2	52.0	54.2	46.4	49.2	52.0	54.9
	#10	47.4	49.5	51.3	53.0	54.8	56.6	47.7	50.2	52.3	47.4	50.2	53.0	55.2	47.4	50.2	53.0	55.9
	#11	48.4	50.5	52.3	54.0	55.8	57.6	48.7	51.2	53.3	48.4	51.2	54.0	56.2	48.4	51.2	54.0	56.9

Short Neck (#1-#3)	#1	28.9	31.0	32.8	34.5	36.3	38.1	29.2	31.7	33.8	28.9	31.7	34.5	36.7	28.9	31.7	34.5	37.4
	#2	29.4	31.5	33.3	35.0	36.8	38.6	29.7	32.2	34.3	29.4	32.2	35.0	37.2	29.4	32.2	35.0	37.9
	#3	30.4	32.5	34.3	36.0	37.8	39.6	30.7	33.2	35.3	30.4	33.2	36.0	38.2	30.4	33.2	36.0	38.9

Unit : mm

Hybrid Broach Neck Template Neck Template Ruler

H.Trial Reduction

Assemble the corresponding **Conformity Neck Trial** (standard, high offset, coxa vara, or short neck) onto the broach. Perform the trial reduction using the **Femoral Head Trial** with the desired diameter and neck length to confirm:

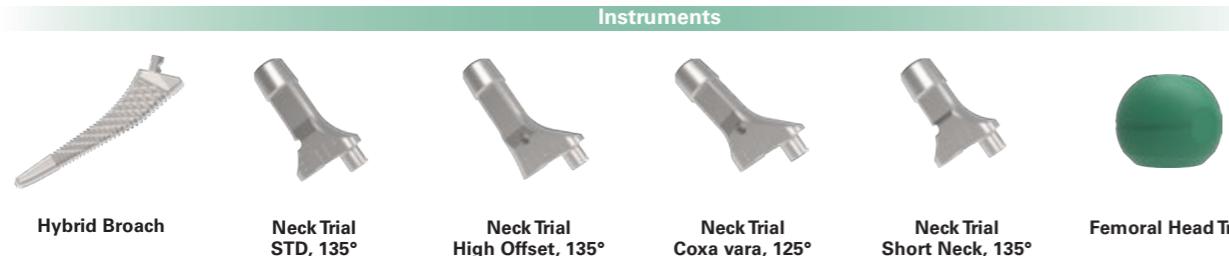
- Adequate component position
- Soft tissue tension
- Joint stability
- Range of motion
- Leg length
- Femoral offset

Any further correction of selected implant size can be made during the reassessment of leg length and joint biomechanics by varying the **Femoral Head Trial** with different offset (neck length) if required.



Tip:

A loop suture can be tied to the trial femoral head to assist with the head retrieval should the head come off during this process.



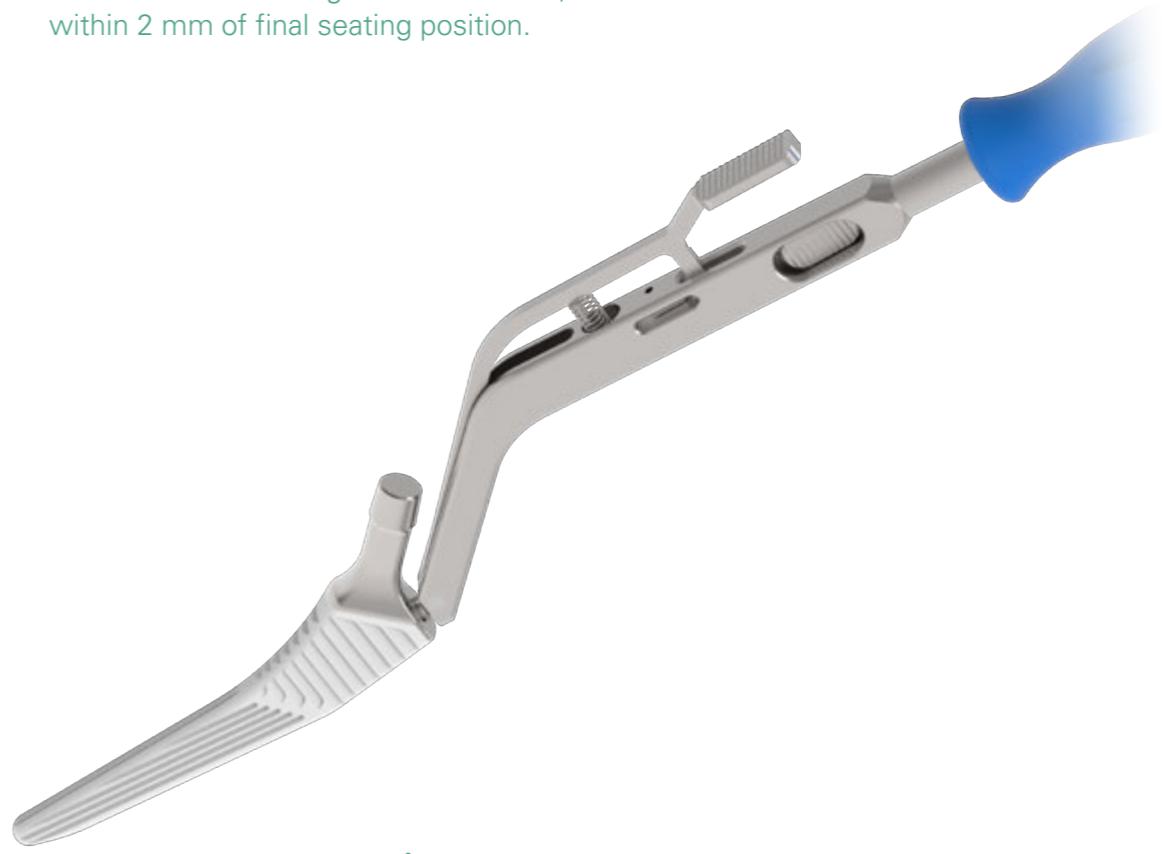
I.Stem Insertion

After trial reduction, remove the broach and introduce the stem by using the **Quick Connect Holder**. Use the holder to firmly attach the stem via the insertion hole on the stem shoulder.

Gently tap the holder to achieve initial stem implantation into the medullary canal. Proper care should be taken to orient the stem with proper alignment and version.

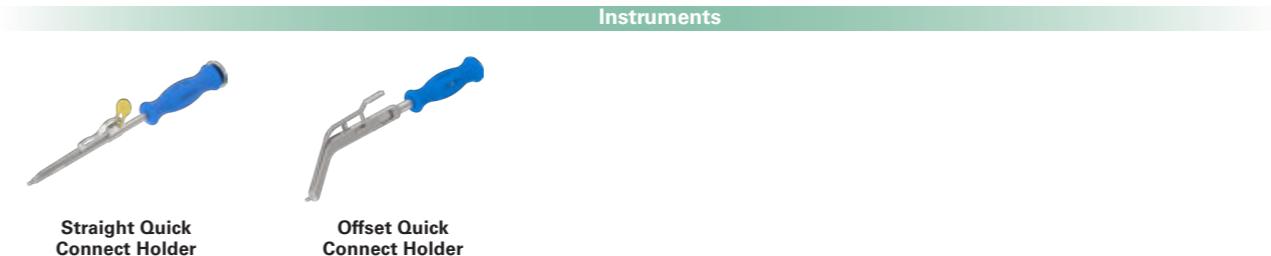
Note:

Stop tapping the holder once the stem holder comes into contact with the greater trochanter, or the stem is within 2 mm of final seating position.



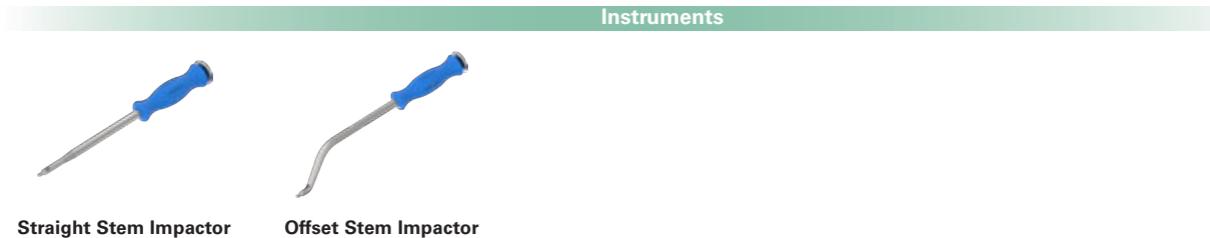
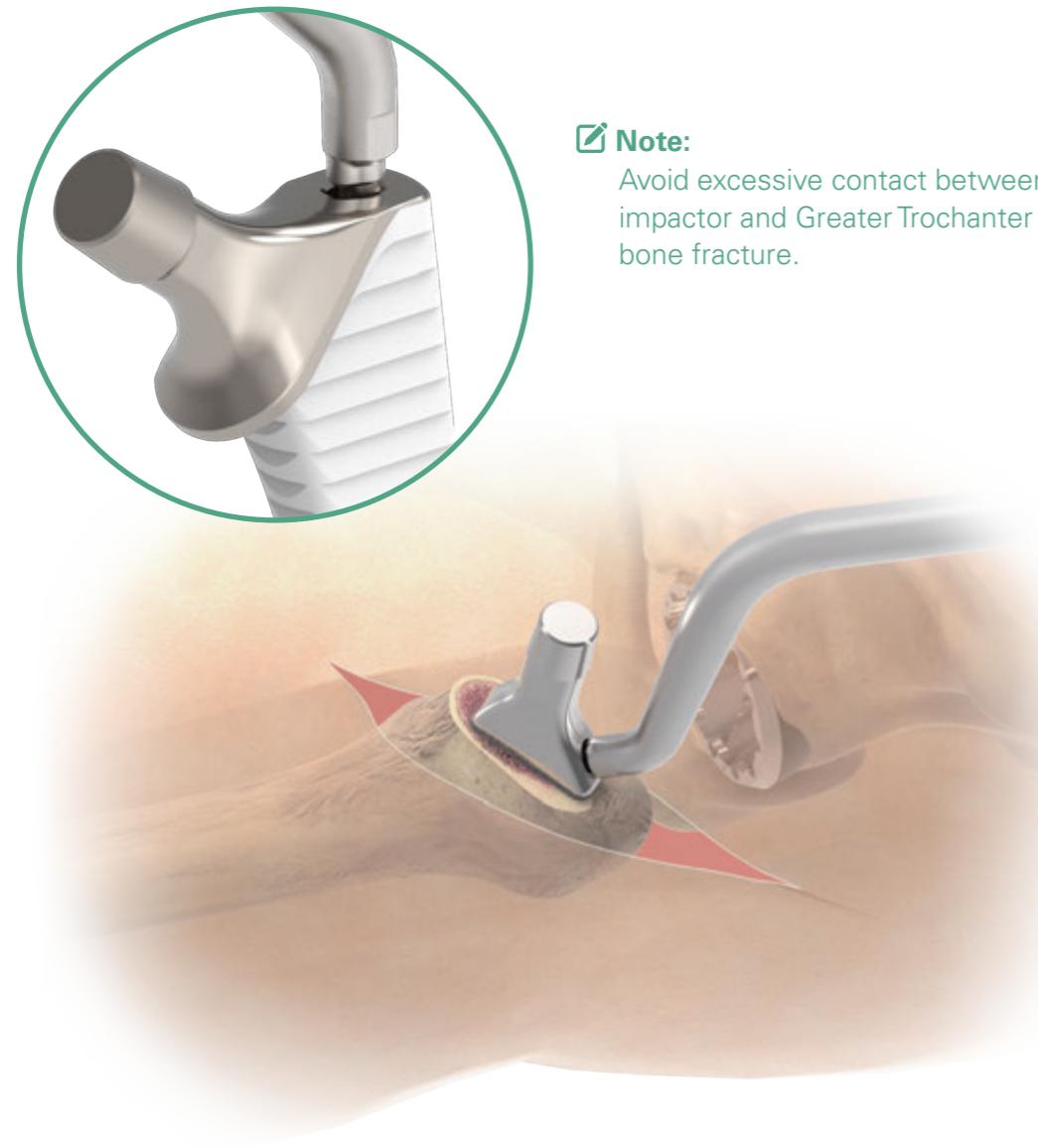
Caution:

The **Quick Connect Holder** is designed to position the implant, not for final impaction. Please **impact gently**.



J. Stem Impaction

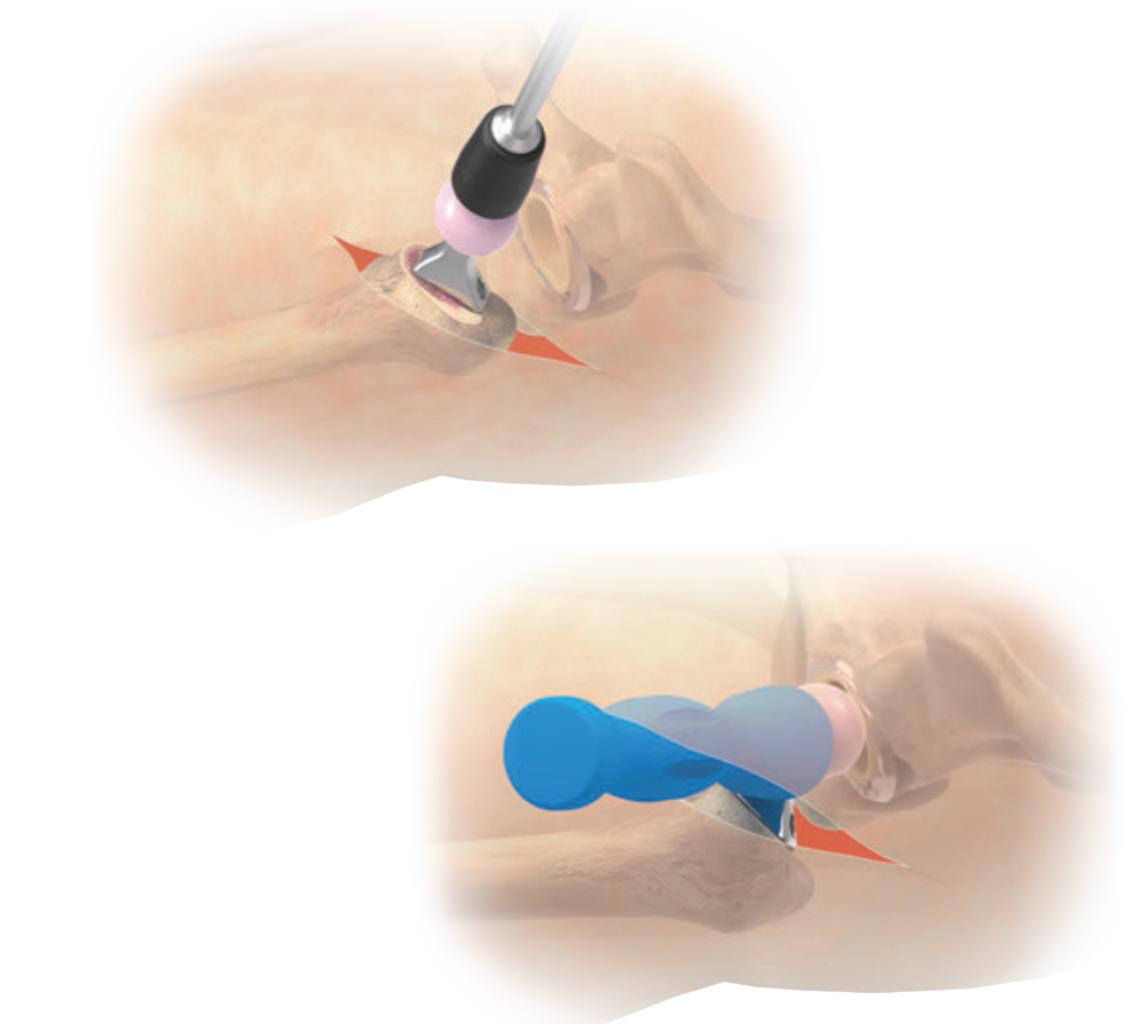
Use the **Straight** or **Curved Stem Impactors** to further advance the stem into the canal. The prosthesis should be seated until the most proximal portion of the coating surface is in line with the neck resection level.



K. Femoral Head Impaction

Perform a final trial reduction to confirm stability and leg length by using the **Femoral Head Trials**. After the appropriate femoral head size has been determined, place it onto the cleaned and dried taper by twisting it on by hand.

Connect the **Femoral Head Impactor** and **Universal Handle** and moderately impact the femoral head until it is firmly seated. Clean the bearing surface then reduce the hip with the **Pusher**.



Appendix

Cemented Stem Selection

If the patients' condition is not suitable for inserting a cementless Conformity stem, then the optional cemented stem can be used. Determination of stem size depends on surgeons' preference and patients' condition; the same stem size as the final broach (line-to-line, thin cement) or one to two sizes down (increased thickness of cement mantle) can be available for selection.

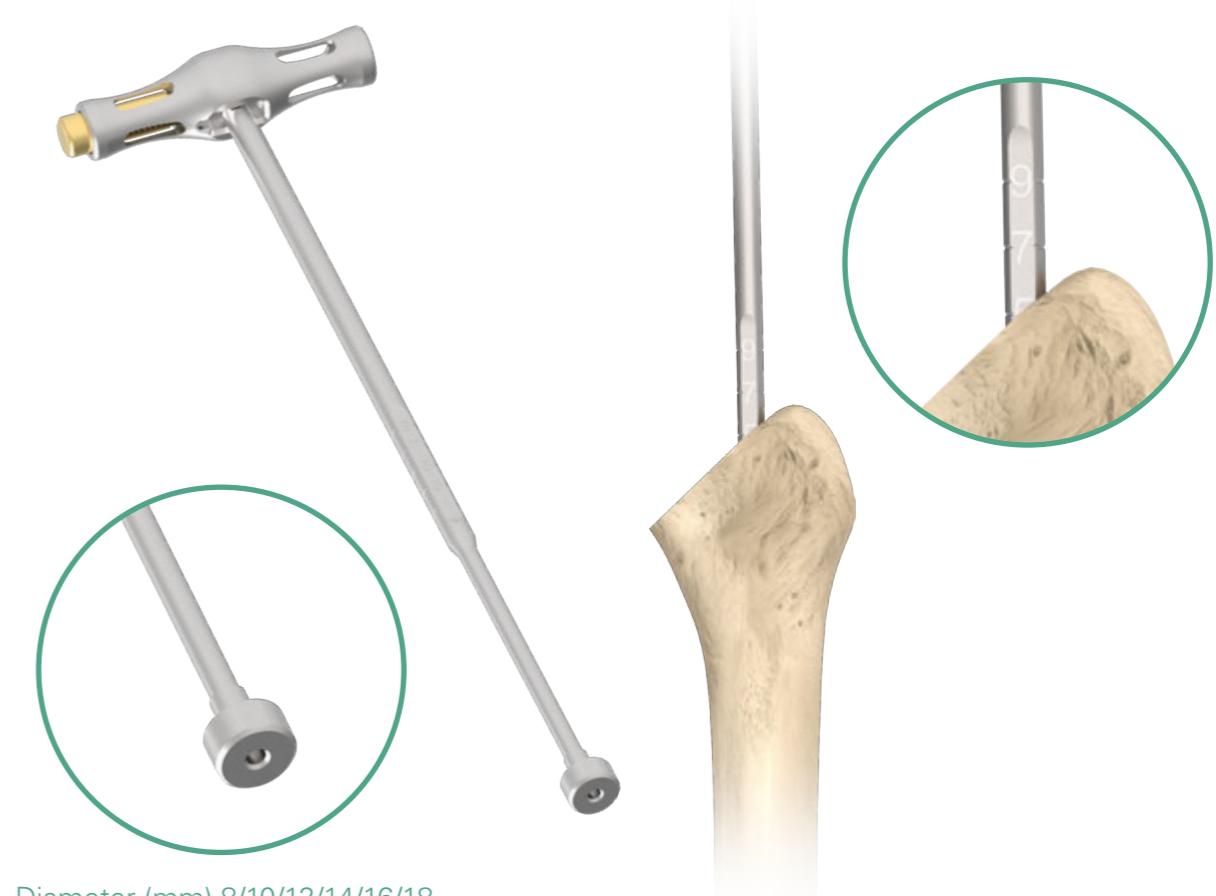
Broach #	1	2	3	4	5	6	7	8	9	10	11
Stem #	Cement Mantle (mm)										
1	*	0.375	1.125								
2		*	0.75	1.5							
3			*	0.75	1.5						
4				*	0.75	1.5					
5					*	0.75	1.5				
6						*	0.75	1.5			
7							*	0.75	1.5		
8								*	0.75	1.5	
9									*	0.75	1.5
10										*	0.75

* Line-to-line stem insertion

Appendix

Femoral Canal Sizing (Cemented Stem Only)

Assemble the **Modular T-handle, Restrictor Inserter**, and the appropriate **Canal Sizer**. Insert the assembly into the femoral canal to evaluate the canal size. Depth of insertion should depend on the designated size (read the mark on the shaft of inserter) of the cemented stem that is to be implanted. Remove the assembly from the canal.



Diameter (mm) 8/10/12/14/16/18

Instruments



Modular T Handle

Restrictor Inserter

Canal Sizer
Diameter (mm)
8/10/12/14/16/18

Appendix

Cement Restrictor Insertion (Cemented Stem Only)

Replace the **Canal Sizer** using the appropriate cement restrictor. Introduce the restrictor into the canal to the designated depth (read the mark on the shaft of inserter). After the restrictor is located, dry the femoral canal by passing a swab down the canal. Remaining debris can also be removed during this procedure. The bone cement can then be introduced in low viscosity state. Cement can be injected in a retrograde fashion to gradually fill the canal.

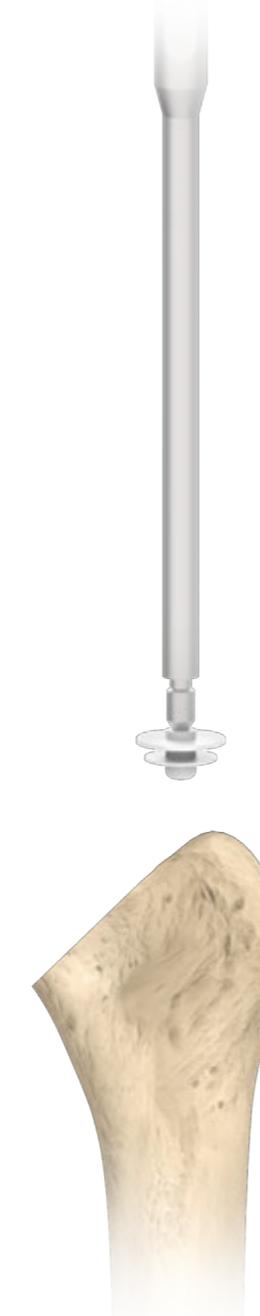


Compatible with any product requiring a cement restrictor, most likely to be used with USTAR II System.

Cement Restrictor, I-Type		
Cat. No.	Size	Canal size (mm)
1907-1008	# 8	8 - 9
1907-1010	# 10	10 - 11
1907-1012	# 12	12 - 13
1907-1014	# 14	14 - 15
1907-1016	# 16	16 - 17
1907-1018	# 18	18 - 19

Note:

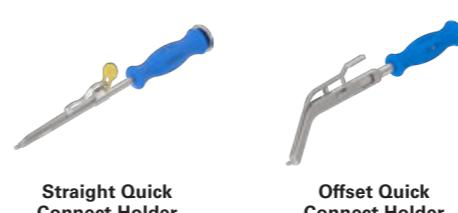
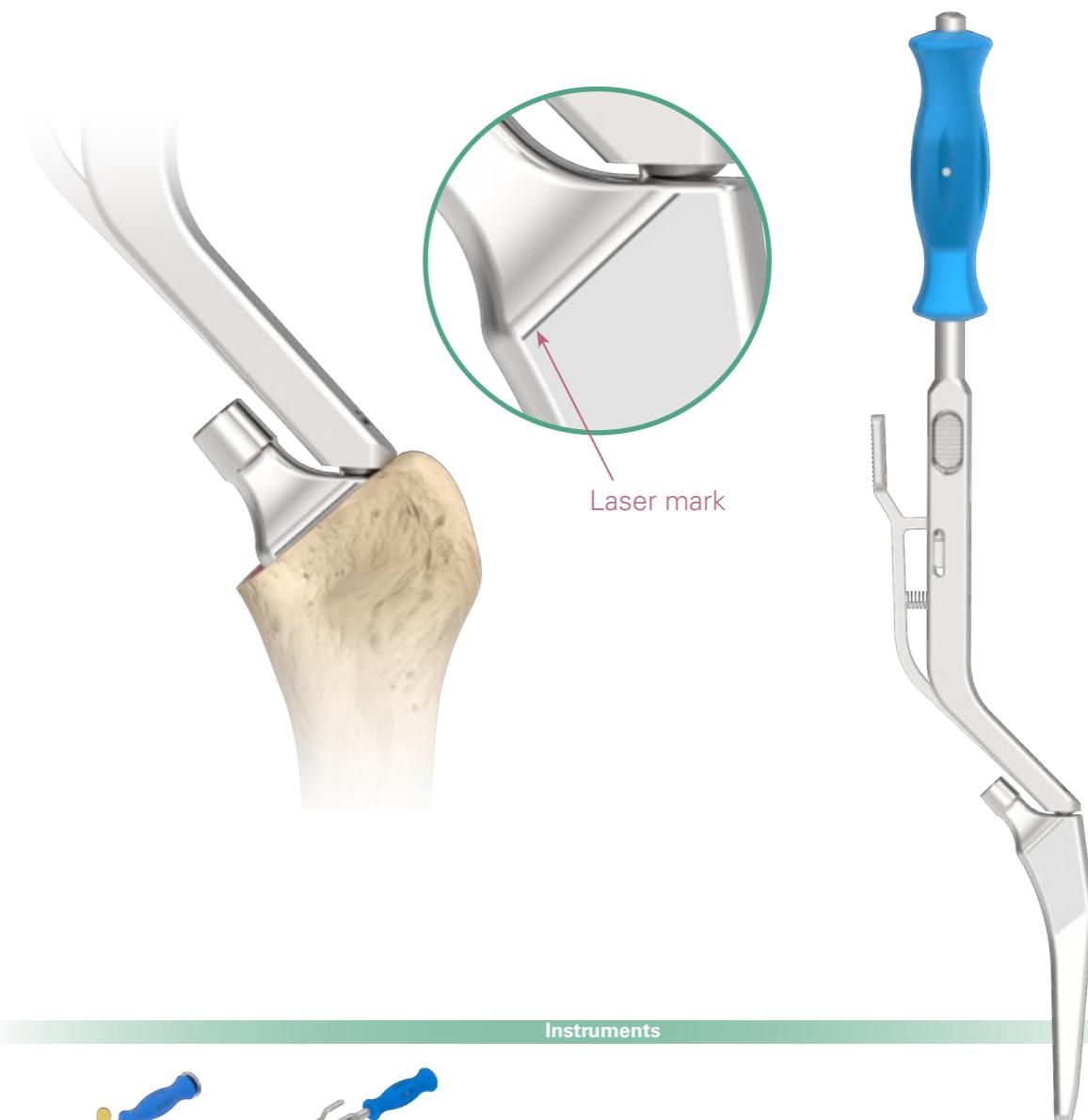
To ensure the proper bone cement filling, please insert the restrictor prior to introducing the cemented stem.



Appendix

Cemented Stem Insertion (Cemented Stem Only)

Use the **Quick Connect Holder** to hold the cemented Conformity stem, and press the stem into the femoral canal until the adequate depth is reached (laser mark should be aligned with the resection surface). Remove the excessive cement. Hold the stem until the cement has polymerized, then disengage the **Quick Connect Holder**.



Instruments

Order Information

	Catalog Number	Description
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Conformity, Collared

Standard



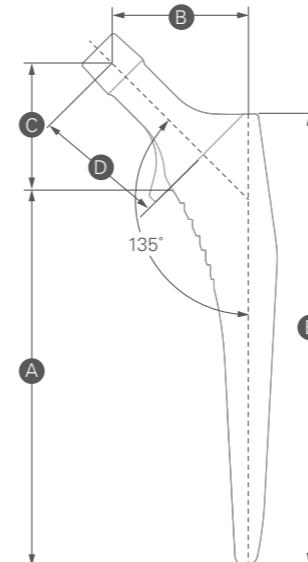
High Offset



Standard

High Offset

1110 - 1001	1110 - 1201	# 1
1110 - 1002	1110 - 1202	# 2
1110 - 1003	1110 - 1203	# 3
1110 - 1004	1110 - 1204	# 4
1110 - 1005	1110 - 1205	# 5
1110 - 1006	1110 - 1206	# 6
1110 - 1007	1110 - 1207	# 7
1110 - 1008	1110 - 1208	# 8
1110 - 1009	1110 - 1209	# 9
1110 - 1010	1110 - 1210	# 10
1110 - 1011	1110 - 1211	# 11



Collared & Collarless

Size	A Medial Length	B Offset		C Vertical Height	D Neck Length		E Lateral Length
		Standard	High Offset		Standard	High Offset	
# 1	95.0	36.0	43.0	34.0	35.5	40.5	115.0
# 2	99.5	36.5	43.5	34.0	35.5	40.5	119.5
# 3	104.0	37.5	44.5	34.0	35.5	40.5	124.0
# 4	108.5	38.0	45.0	34.0	35.5	40.5	128.5
# 5	113.0	39.0	46.0	34.0	35.5	40.5	133.0
# 6	117.5	39.5	46.5	34.0	35.5	40.5	137.5
# 7	122.0	40.0	47.0	34.0	35.5	40.5	142.0
# 8	126.5	41.0	48.0	34.0	35.5	40.5	146.5
# 9	131.0	41.5	48.5	34.0	35.5	40.5	151.0
# 10	135.5	42.5	49.5	34.0	35.5	40.5	155.5
# 11	140.0	43.5	50.5	34.0	35.5	40.5	160.0

Unit : mm

Conformity, Collarless

Standard



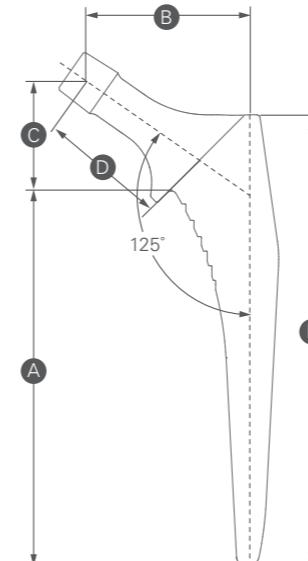
High Offset



Standard

High Offset

1110 - 3001	1110 - 3201	# 1
1110 - 3002	1110 - 3202	# 2
1110 - 3003	1110 - 3203	# 3
1110 - 3004	1110 - 3204	# 4
1110 - 3005	1110 - 3205	# 5
1110 - 3006	1110 - 3206	# 6
1110 - 3007	1110 - 3207	# 7
1110 - 3008	1110 - 3208	# 8
1110 - 3009	1110 - 3209	# 9
1110 - 3010	1110 - 3210	# 10
1110 - 3011	1110 - 3211	# 11



Coxa Varus

Size	A Medial Length	B Offset	C Vertical Height	D Neck Length	E Lateral Length
# 2	99.5	43.5	29.0	37.5	119.5
# 3	104.0	44.5	29.0	37.5	124.0
# 4	108.5	45.0	29.0	37.5	128.5
# 5	113.0	46.0	29.0	37.5	133.0
# 6	117.5	46.5	29.0	37.5	137.5
# 7	122.0	47.0	29.0	37.5	142.0
# 8	126.5	48.0	29.0	37.5	146.5
# 9	131.0	48.5	29.0	37.5	151.0
# 10	135.5	49.5	29.0	37.5	155.5
# 11	140.0	50.5	29.0	37.5	160.0

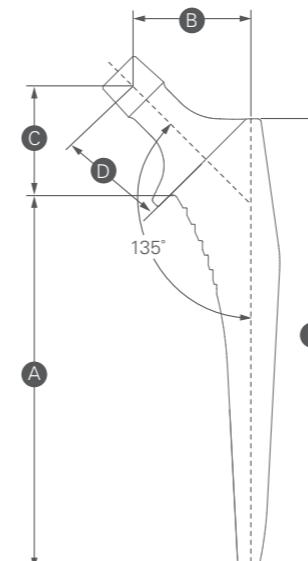
Unit : mm

Conformity, Coxa Varus



Coxa Varus

1110 - 5202	# 2
1110 - 5203	# 3
1110 - 5204	# 4
1110 - 5205	# 5
1110 - 5206	# 6
1110 - 5207	# 7
1110 - 5208	# 8
1110 - 5209	# 9
1110 - 5210	# 10
1110 - 5211	# 11



Short Neck

Size	A Medial Length	B Offset	C Vertical Height	D Neck Length	E Lateral Length
# 1	95.0	31.0	29.0	28.5	115.0
# 2	99.5	31.5	29.0	28.5	119.5
# 3	104.0	32.5	29.0	28.5	124.0

Unit : mm

Conformity, Short Neck

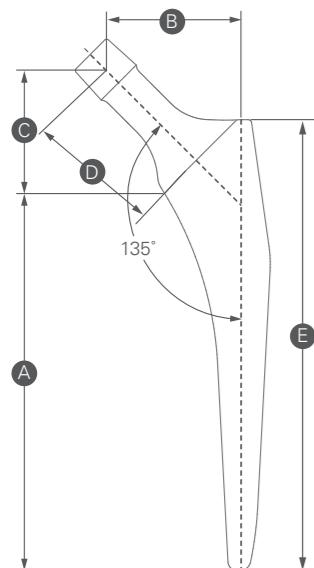


Short Neck

1110 - 1401	# 1
1110 - 1402	# 2
1110 - 1403	# 3

Order Information

		Catalog Number	Description		Catalog Number	Size	Canal Size (mm)
Conformity, Cemented							
Standard	High Offset	Standard	High Offset				
							
		1110 - 7001	1110 - 7201	# 1			
		1110 - 7002	1110 - 7202	# 2			
		1110 - 7003	1110 - 7203	# 3			
		1110 - 7004	1110 - 7204	# 4			
		1110 - 7005	1110 - 7205	# 5			
		1110 - 7006	1110 - 7206	# 6			
		1110 - 7007	1110 - 7207	# 7			
		1110 - 7008	1110 - 7208	# 8			
		1110 - 7009	1110 - 7209	# 9			
		1110 - 7010	1110 - 7210	# 10			
					Cement Restrictor, I-Type		
							
						1907 - 1008	# 8 8 - 9
						1907 - 1010	# 10 10 - 11
						1907 - 1012	# 12 12 - 13
						1907 - 1014	# 14 14 - 15
						1907 - 1016	# 16 16 - 17
						1907 - 1018	# 18 18 - 19



Size	A Medial Length	B Offset		C Vertical Height	D Neck Length		E Lateral Length
		Standard	High Offset		Standard	High Offset	
#1	95.0	36.0	43.0	34.0	35.5	40.5	115.0
#2	99.5	36.5	43.5	34.0	35.5	40.5	119.5
#3	104.0	37.5	44.5	34.0	35.5	40.5	124.0
#4	108.5	38.0	45.0	34.0	35.5	40.5	128.5
#5	113.0	39.0	46.0	34.0	35.5	40.5	133.0
#6	117.5	39.5	46.5	34.0	35.5	40.5	137.5
#7	122.0	40.0	47.0	34.0	35.5	40.5	142.0
#8	126.5	41.0	48.0	34.0	35.5	40.5	146.5
#9	131.0	41.5	48.5	34.0	35.5	40.5	151.0
#10	135.5	42.5	49.5	34.0	35.5	40.5	155.5

Unit : mm

Femoral Head

	Catalog Number	Description (mm)	
U2 Femoral Head			
	1206 - 1122	* Ø 22	+ 0
	1206 - 1322	* Ø 22	+ 3
	1206 - 1522	* Ø 22	+ 6
	1206 - 1722	* Ø 22	+ 9
	1206 - 1026	Ø 26	- 2
	1206 - 1126	Ø 26	+ 0
	1206 - 1326	Ø 26	+ 3
	1206 - 1526	Ø 26	+ 6
	1206 - 1726	Ø 26	+ 9
	1206 - 1028	Ø 28	- 3
	1206 - 1128	Ø 28	+ 0
	1206 - 1228	Ø 28	+ 2.5
	1206 - 1428	Ø 28	+ 5
	1206 - 1628	Ø 28	+ 7.5
	1206 - 1828	Ø 28	+ 10
	1206 - 1032	Ø 32	- 3
	1206 - 1132	Ø 32	+ 0
	1206 - 1232	Ø 32	+ 2.5
	1206 - 1432	Ø 32	+ 5
	1206 - 1632	Ø 32	+ 7.5
	1206 - 1832	Ø 32	+ 10
	1206 - 1036	Ø 36	- 3
	1206 - 1136	Ø 36	+ 0
	1206 - 1236	Ø 36	+ 2.5
	1206 - 1436	Ø 36	+ 5
	1206 - 1636	Ø 36	+ 7.5
	1206 - 1836	Ø 36	+ 10



Femoral Head

	Catalog Number	Description (mm)		
BIOLOX® delta Ceramic Head				
	1203 - 5028	Ø 28	S	- 2.5
	1203 - 5228	Ø 28	M	+ 1
	1203 - 5428	Ø 28	L	+ 4
	1203 - 5032	Ø 32	S	- 3
	1203 - 5232	Ø 32	M	+ 1
	1203 - 5432	Ø 32	L	+ 5
	1203 - 5632	Ø 32	XL	+ 8
	1203 - 5036	Ø 36	S	- 3
	1203 - 5236	Ø 36	M	+ 1
	1203 - 5436	Ø 36	L	+ 5
	1203 - 5636	Ø 36	XL	+ 9
	1203 - 5040	Ø 40	S	- 3
	1203 - 5240	Ø 40	M	+ 1
	1203 - 5440	Ø 40	L	+ 5
	1203 - 5640	Ø 40	XL	+ 9

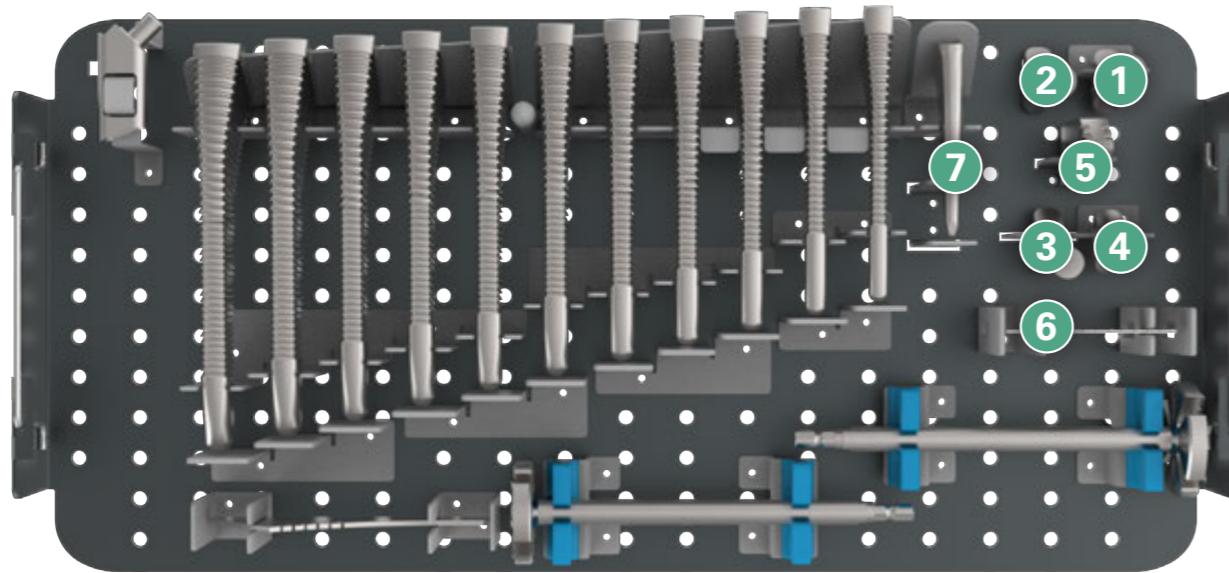


* The actual spherical diameter of a 22 mm metal head is 22.2 mm.

*BIOLOX® is a registered trademark of the CeramTec Group, Germany

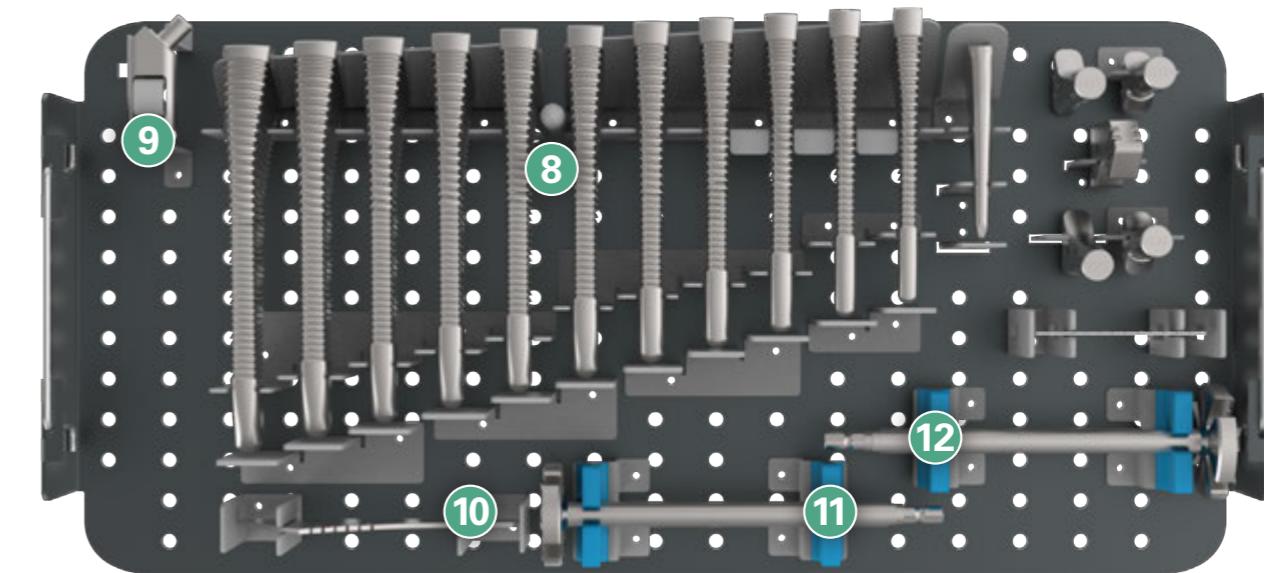
Comformity

#1 Femoral Prep Trials - Upper Tray (9110-8301)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
	1	9110-5010-RC	Neck Trial, STD, 135°		H
	2	9110-5020-RC	Neck Trial, High Offset, 135°		H
	3	9110-5030-RC	Neck Trial, Coxa Varus, 125°		H
	4	9110-5040-RC	Neck Trial, Short Neck, 135°		H
	5	9110-2002-TA	Neck Template		G
	6	9110-2003	Neck Template Ruler		G
	7	9110-6098	Starter Broach		E

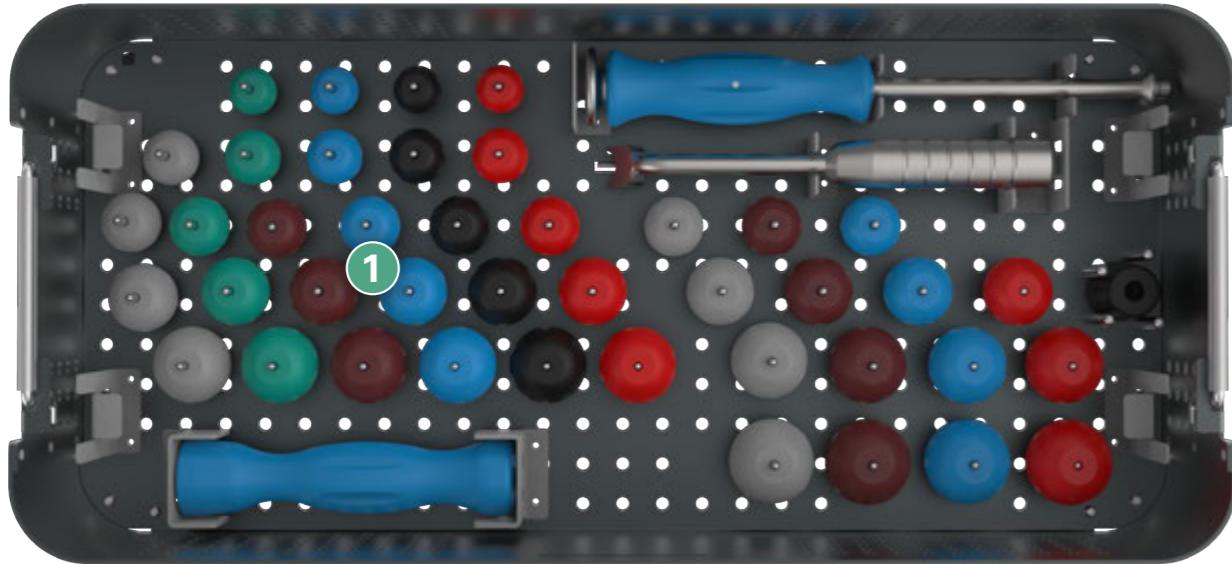
#1 Femoral Prep Trials - Upper Tray (9110-8301)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
	8	9110-6001-RA 9110-6002-RA 9110-6003-RA 9110-6004-RA 9110-6005-RA 9110-6006-RA 9110-6007-RA 9110-6008-RA 9110-6009-RA 9110-6010-RA 9110-6011-RA	Hybrid Broach, #1 Hybrid Broach, #2 Hybrid Broach, #3 Hybrid Broach, #4 Hybrid Broach, #5 Hybrid Broach, #6 Hybrid Broach, #7 Hybrid Broach, #8 Hybrid Broach, #9 Hybrid Broach, #10 Hybrid Broach, #11		E F G H
	9	9110-4001	Femoral Cutting Chisel, Modular		B
	10	9110-2001	Neck Resection Guide		A
	11	9110-3002	Calcar Reamer, Small		F
	12	9110-3003	Calcar Reamer, Large		F

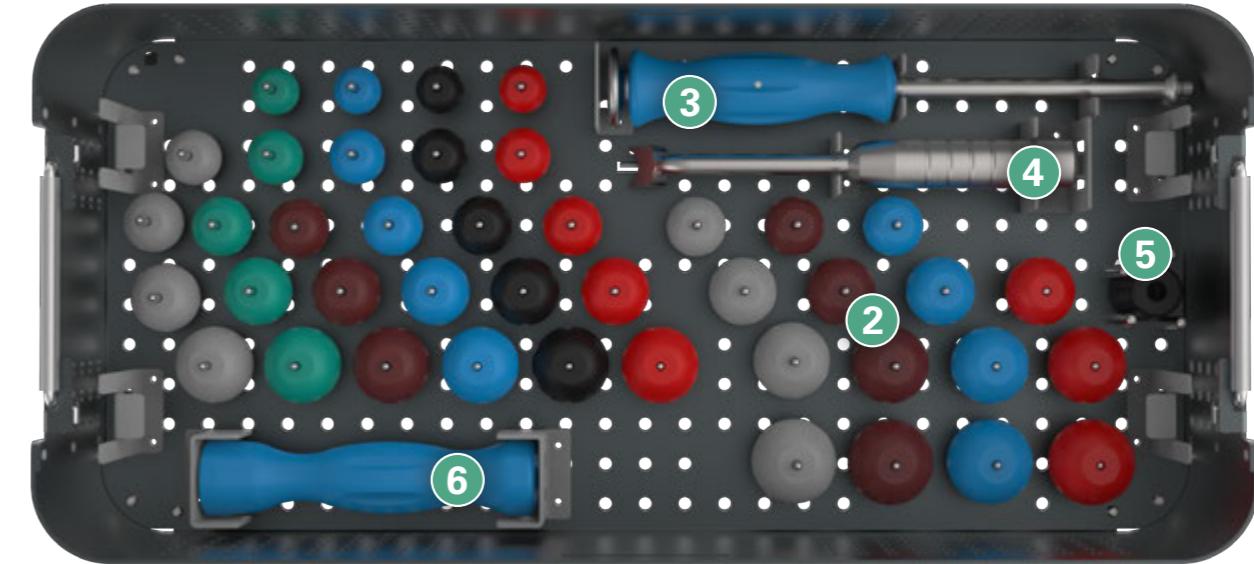
Comformity

#1 Femoral Prep Trials - Lower Tray (9110-8301)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
1		1206-2028-RC	U2 Femoral Head Trial, Ø28 mm, -3 mm		H K
		1206-2128-RC	U2 Femoral Head Trial, Ø28 mm, +0 mm		
		1206-2228-RC	U2 Femoral Head Trial, Ø28 mm, +2.5 mm		
		1206-2428-RC	U2 Femoral Head Trial, Ø28 mm, +5 mm		
		1206-2628-RC	U2 Femoral Head Trial, Ø28 mm, +7.5 mm		
		1206-2828-RC	U2 Femoral Head Trial, Ø28 mm, +10 mm		
		1206-2032-RC	U2 Femoral Head Trial, Ø32 mm, -3 mm		
		1206-2132-RC	U2 Femoral Head Trial, Ø32 mm, +0 mm		
		1206-2232-RC	U2 Femoral Head Trial, Ø32 mm, +2.5 mm		
		1206-2432-RC	U2 Femoral Head Trial, Ø32 mm, +5 mm		
		1206-2632-RC	U2 Femoral Head Trial, Ø32 mm, +7.5 mm		
		1206-2832-RC	U2 Femoral Head Trial, Ø32 mm, +10 mm		
		1206-2036-RC	U2 Femoral Head trial, Ø36 mm, -3 mm		
		1206-2136-RC	U2 Femoral Head trial, Ø36 mm, +0 mm		
		1206-2236-RC	U2 Femoral Head trial, Ø36 mm, +2.5 mm		
		1206-2436-RC	U2 Femoral Head trial, Ø36 mm, +5 mm		
		1206-2636-RC	U2 Femoral Head trial, Ø36 mm, +7.5 mm		
		1206-2836-RC	U2 Femoral Head trial, Ø36 mm, +10 mm		

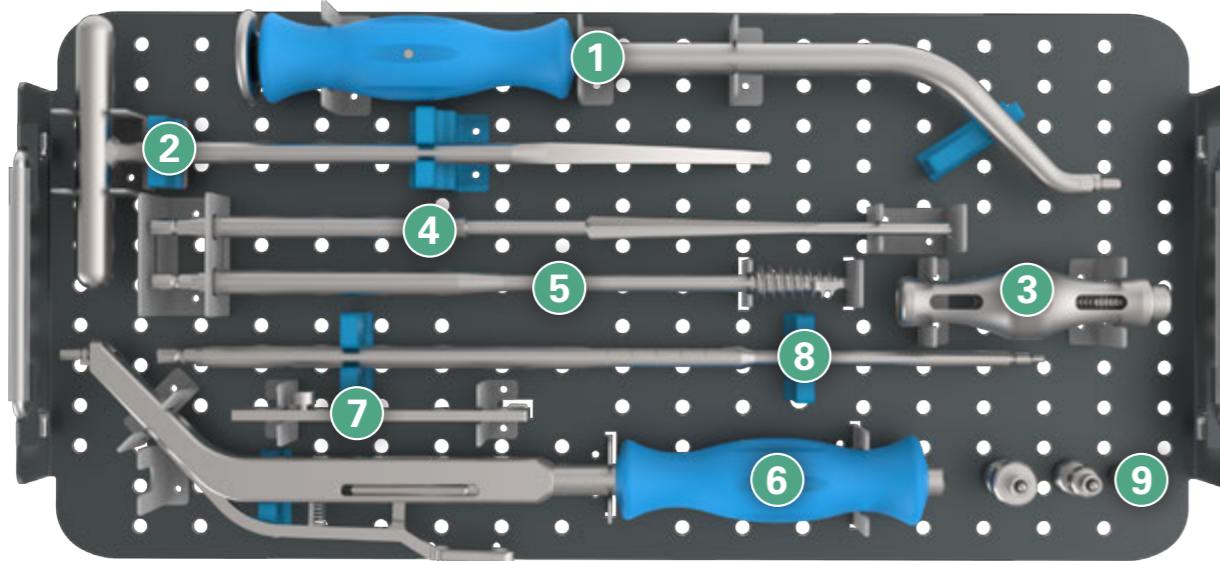
#1 Femoral Prep Trials - Lower Tray (9110-8301)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
2		1203-6028-RC 1203-6228-RC 1203-6428-RC	Ceramic femoral head trial, Ø28 mm, S, -2.5 mm Ceramic femoral head trial, Ø28 mm, M, +1 mm Ceramic femoral head trial, Ø28 mm, L, +5 mm		H K
		1203-6032-RC 1203-6232-RC 1203-6432-RC 1203-6632-RC	Ceramic femoral head trial, Ø32 mm, S, -3 mm Ceramic femoral head trial, Ø32 mm, M, +1 mm Ceramic femoral head trial, Ø32 mm, L, +5 mm Ceramic femoral head trial, Ø32 mm, XL, +8mm		
		1203-6036-RC 1203-6236-RC 1203-6436-RC 1203-6636-RC	Ceramic femoral head trial, Ø36 mm, S, -3 mm Ceramic femoral head trial, Ø36 mm, M, +1 mm Ceramic femoral head trial, Ø36 mm, L, +5 mm Ceramic femoral head trial, Ø36 mm, XL, +9 mm		
		1203-6040-RC 1203-6240-RC 1203-6440-RC 1203-6640-RC	Ceramic femoral head trial, Ø40 mm, S, -3mm Ceramic femoral head trial, Ø40 mm, M, +1mm Ceramic femoral head trial, Ø40 mm, L, +5mm Ceramic femoral head trial, Ø40 mm, XL, +9mm		
3		9206-1110	Universal Handle		K
4		9104-9001-RA	Femoral Head Remover		
5		9204-1222-RB	Femoral Head Impactor		K
6		9116-1103	Pusher		K

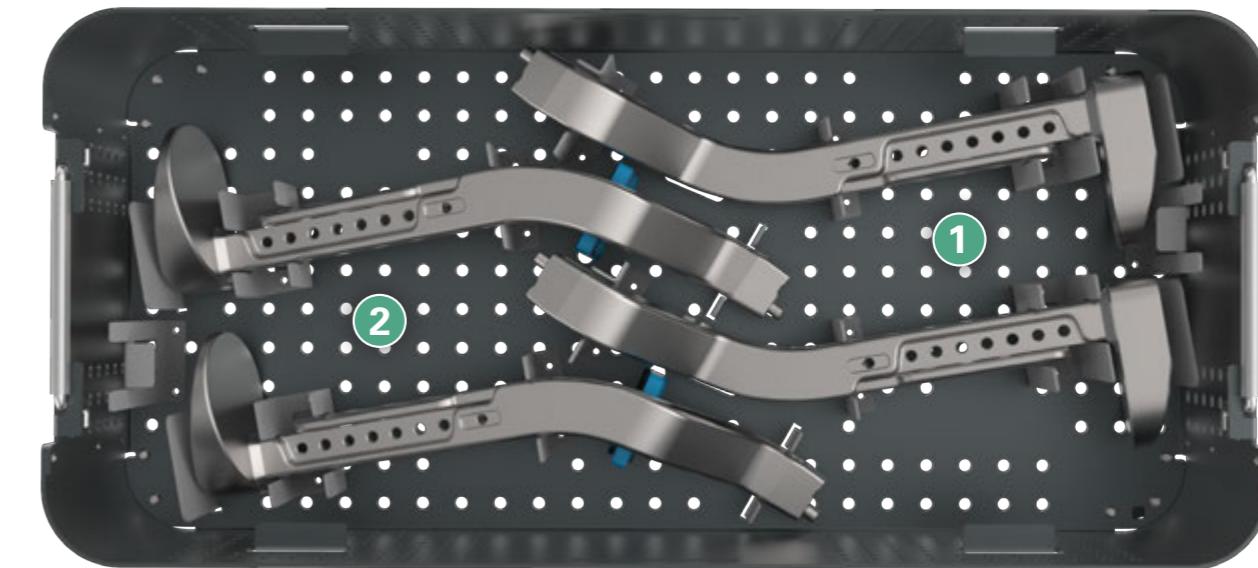
Comformity

#2 Femoral Prep Dual Offset - Upper Tray (9110-8306)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
	1	9106-1107-RC	Curved Stem Impactor		J
	2	9106-6101	Canal Finder Rasp		D
	3	9116-1102-RA	Modular T-handle	A C Appendix	
	4	9106-3072	Starter Reamer		C
	5	9116-3001-RB	Femoral Head Extractor		A
	6	9116-1302	Quick Connect Holder, Offset	I Appendix	
	7	9401-7012	Caliper		
	8	9110-1102	Restrictor Inserter		Appendix
	9	9401-7008 9401-7010 9401-7012 9401-7014 9401-7016 9401-7018	Canal Sizer, Ø8 mm Canal Sizer, Ø10 mm Canal Sizer, Ø12 mm Canal Sizer, Ø14 mm Canal Sizer, Ø16 mm Canal Sizer, Ø18 mm		Appendix

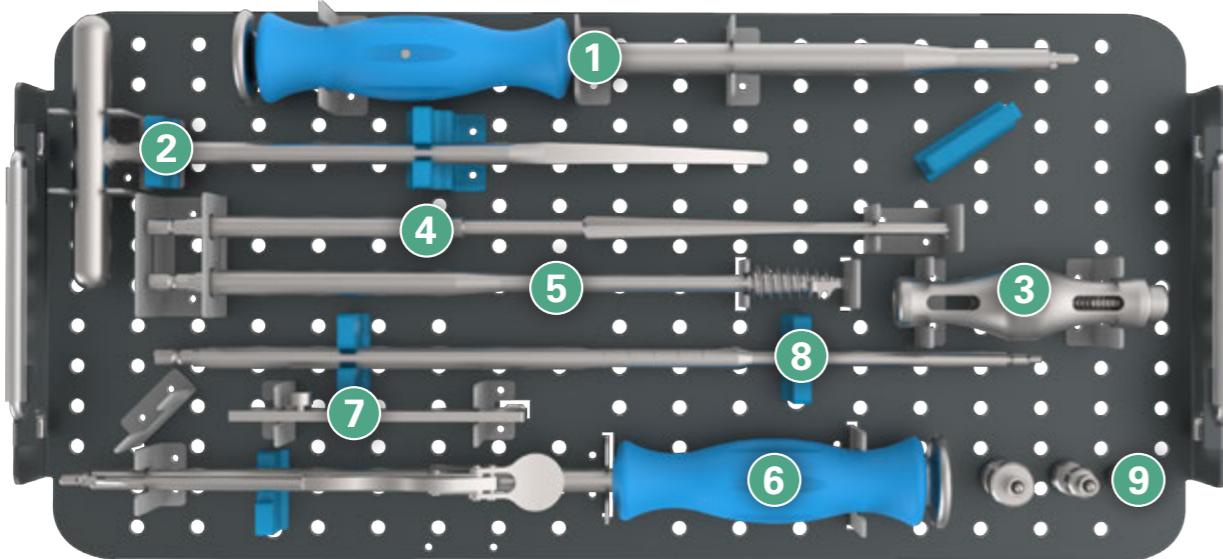
#2 Femoral Prep Dual Offset - Lower Tray (9110-8306)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
	1	9116-1501-RA	Dual Offset Broach Handle, Left	Qty. x 2	B E
	2	9116-1502-RA	Dual Offset Broach Handle, Right	Qty. x 2	B E

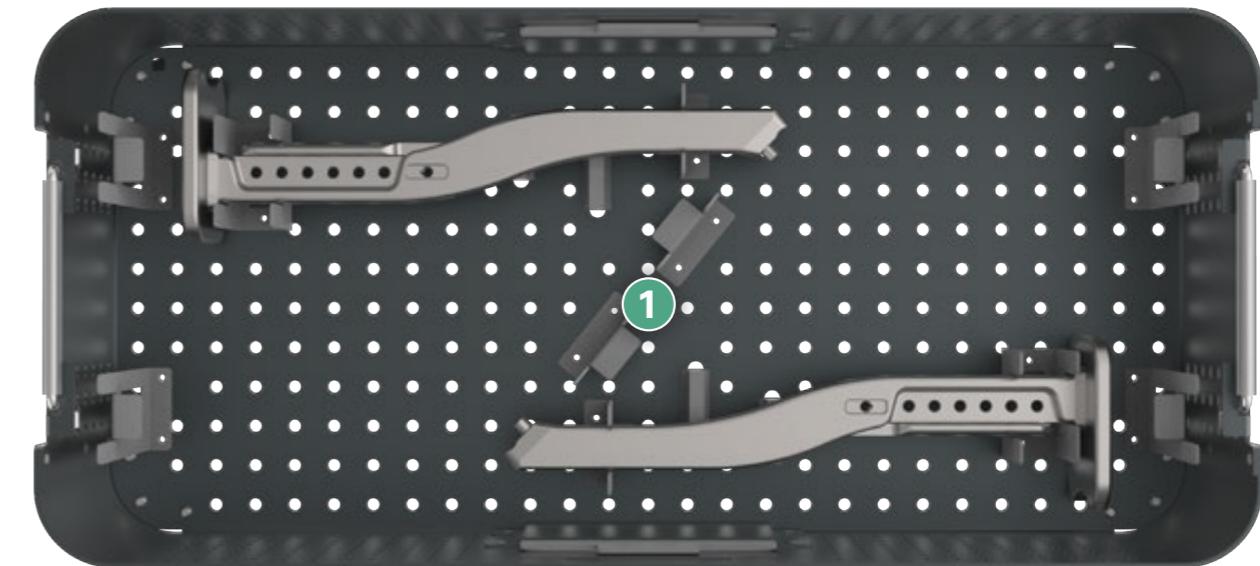
Comformity

#3 Femoral Prep Straight - Upper Tray (9110-8305)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
	1	9106-1106-RC	Straight Stem Impactor		J
	2	9106-6101	Canal Finder Rasp		D
	3	9116-1102-RA	Modular T-handle		A C Appendix
	4	9106-3072	Starter Reamer		C
	5	9116-3001-RB	Femoral Head Extractor		A
	6	9106-1311	Quick Connect Holder		I Appendix
	7	9401-7012	Caliper		
	8	9110-1102	Restrictor Inserter		Appendix
	9	9401-7008 9401-7010 9401-7012 9401-7014 9401-7016 9401-7018	Canal Sizer, Ø8 mm Canal Sizer, Ø10 mm Canal Sizer, Ø12 mm Canal Sizer, Ø14 mm Canal Sizer, Ø16 mm Canal Sizer, Ø18 mm		Appendix

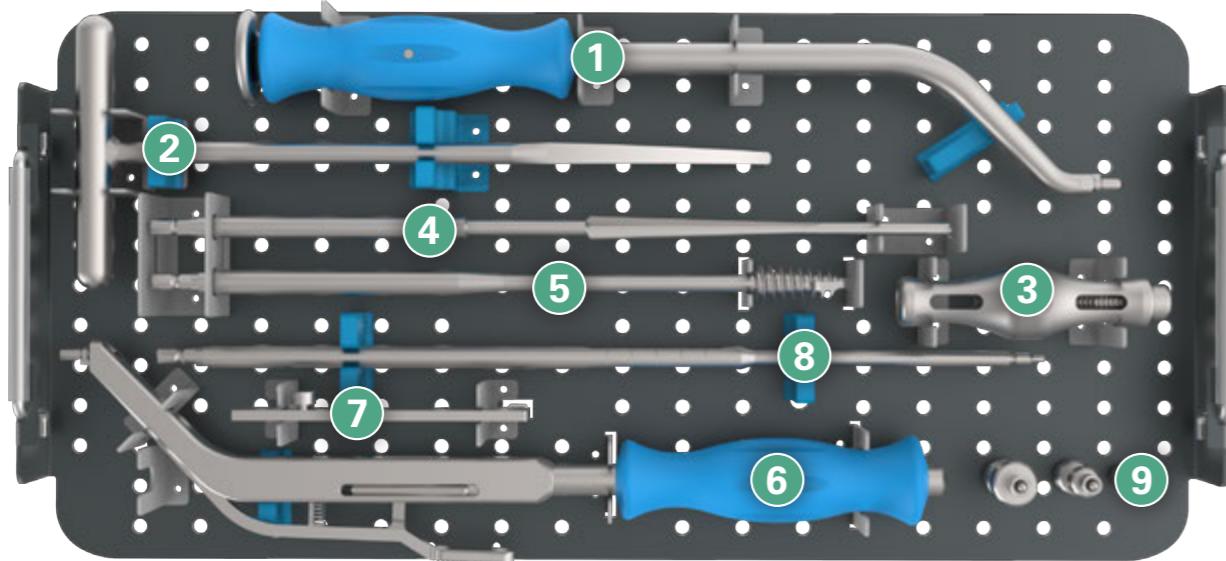
#3 Femoral Prep Straight - Lower Tray (9110-8305)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
	1	9110-1101-RA	Straight Broach Handle	Qty. x 2	B E

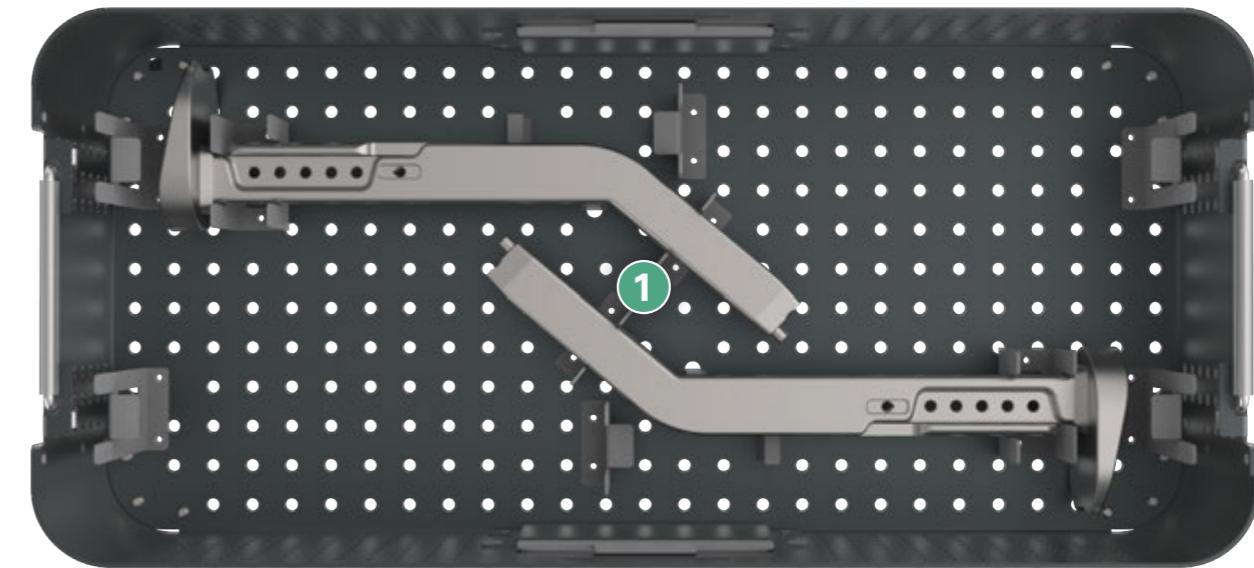
Comformity

#3 Femoral Prep Offset - Upper Tray (9110-8305)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
	1	9106-1107-RC	Curved Stem Impactor		J
	2	9106-6101	Canal Finder Rasp		D
	3	9116-1102-RA	Modular T-handle		A C Appendix
	4	9106-3072	Starter Reamer		C
	5	9116-3001-RB	Femoral Head Extractor		A
	6	9116-1302	Quick Connect Holder, Offset		I Appendix
	7	9401-7012	Caliper		
	8	9110-1102	Restrictor Inserter		Appendix
	9	9401-7008 9401-7010 9401-7012 9401-7014 9401-7016 9401-7018	Canal Sizer, Ø8 mm Canal Sizer, Ø10 mm Canal Sizer, Ø12 mm Canal Sizer, Ø14 mm Canal Sizer, Ø16 mm Canal Sizer, Ø18 mm		Appendix

#3 Femoral Prep Offset - Lower Tray (9110-8305)



Pic.	Location in Tray	Cat. No.	Item Name	Note	STG Step
	1	9110-1301-RA	Offset Broach Handle	Qty. x 2	B E



Each Step
We Care

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