



Conformity™ Stem

Femoral Hip System



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 patient, 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 68 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.

88 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 standard collared stem : size #1-7
- Coxa Varus high offset collared stem : size #2-11
- Short neck collared stem : size #1-7

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.

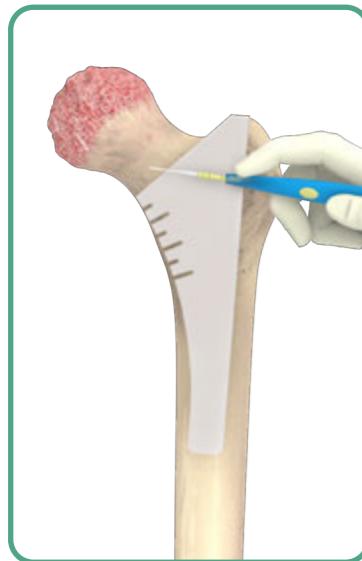
Please note :

1. The conformity stem is for cementless use only, while the conformity cemented stem is for cemented used 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.

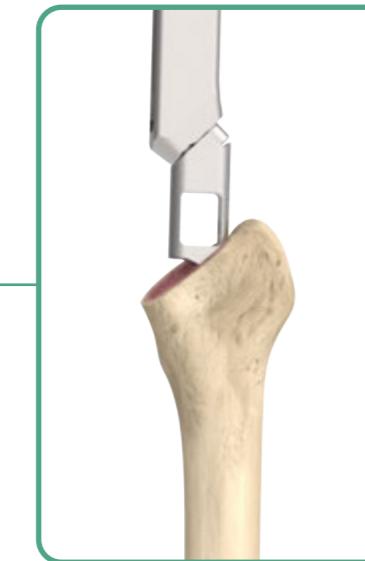
Please refer to the package inserts for important product information, including, but not limited to contraindications, warnings, precautions, and adverse effects.



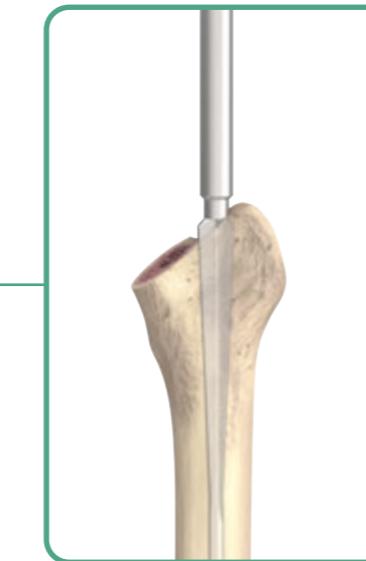
Surgical Overview



A. Femoral Osteotomy



B. Femoral Canal Accessing



C. Canal Reaming



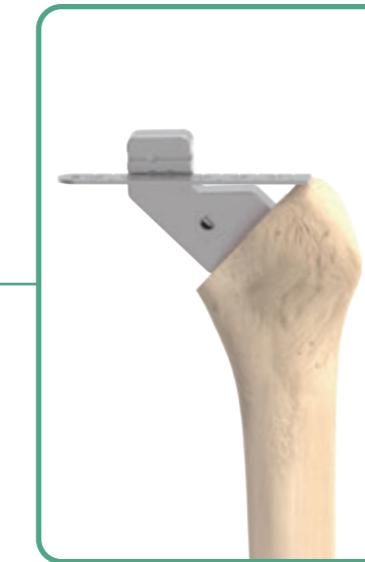
D. Lateralization



E. Canal Broaching



F. Calcar Preparation



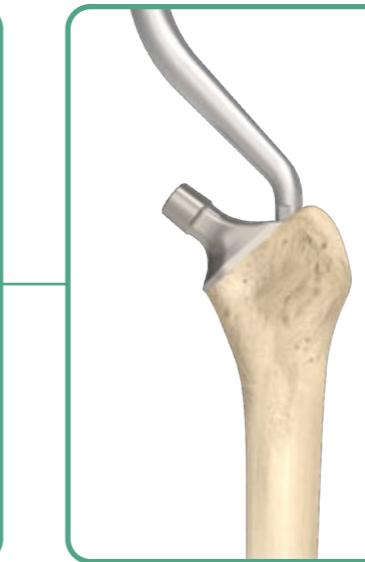
G. Femoral Neck Templating



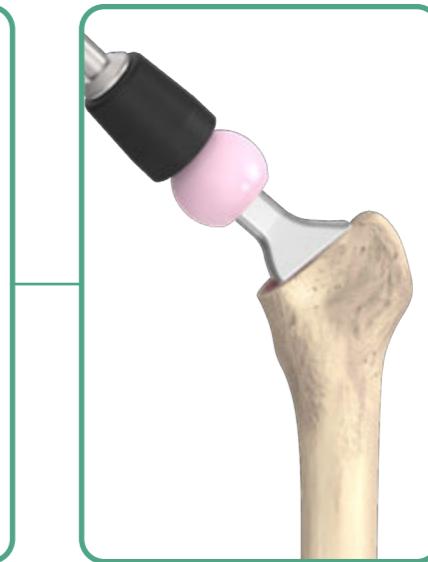
H. Trial Reduction



I. Stem Insertion



J. Stem Impaction



K. Femoral Head Impaction

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 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, the engagement of the implant template with the cortical bone should be avoided. Sparing around 1 mm of space between the stem implant and the cortex of the proximal femur is recommended. Surgeons may choose between standard and high offset options between sizes 1-11.

There are also coxa vara standard stems available for sizes 1-7, coxa vara high offset stems available for sizes 2-11, and short neck stems available for sizes 1-7. This variety of proximal lengths and offsets provides the surgeon sufficient flexibility in essential adjustment of leg length and offset for each patient.

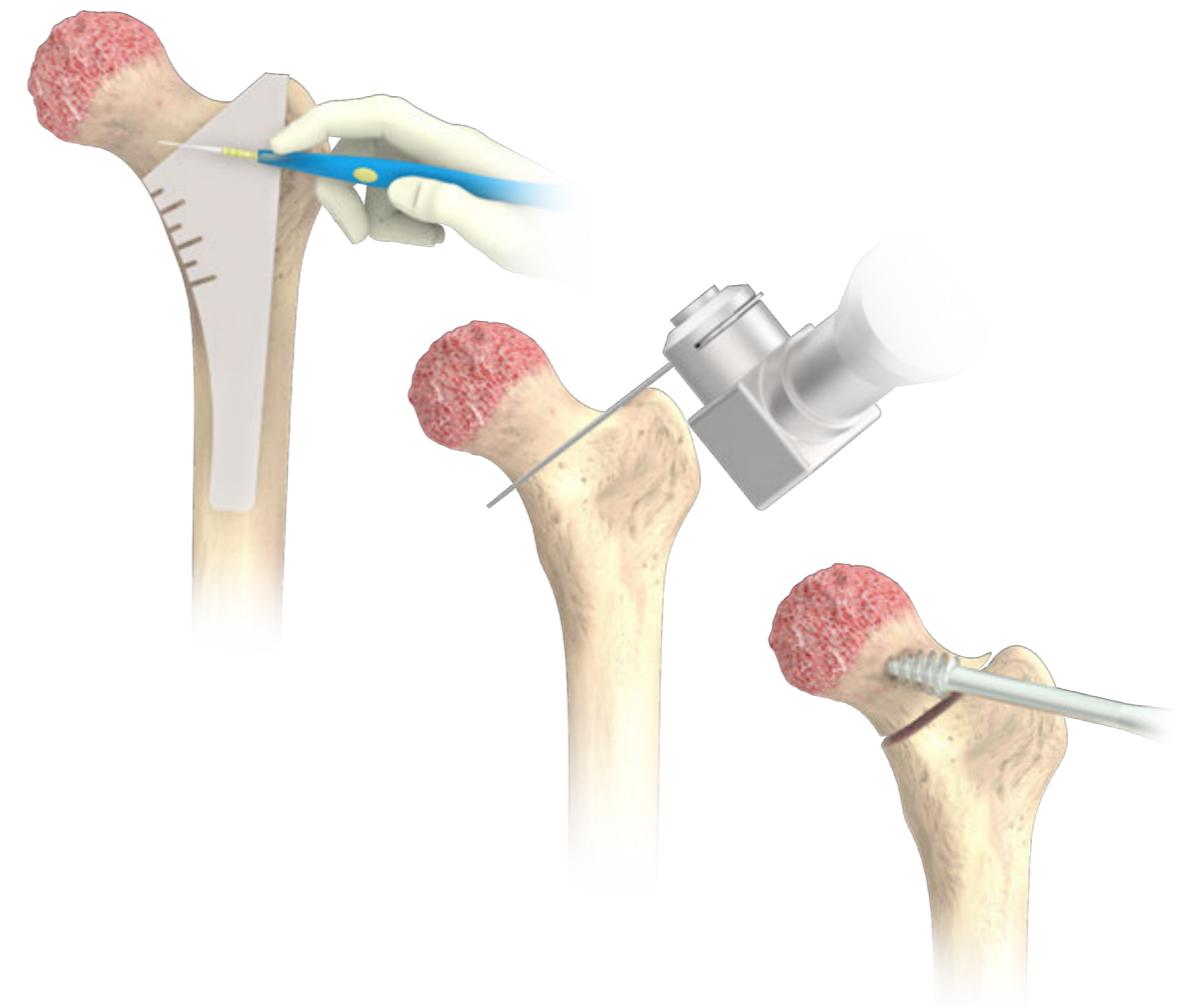
Templates show the femoral head centers for each of the head/neck combinations (-3 to +10 mm, depending on the selected head materials and diameters). The final determination of implant choice should take into account the acetabular cup position, cup size, and hip center.



A. Femoral Osteotomy

During preoperative templating, determine the neck resection level by referencing the distance above the lesser trochanter (about 10-15 mm)

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



Instruments



Conformity Neck Resection Guide



Modular T-Handle



Femoral Head Extractor

B. Femoral Canal Accessing

Utilize the modular **Femoral Cutting Chisel** with **Broach Handle** for adequate lateral/posterior piriformis fossa initial entry into the femoral canal.



Instruments



Modular Femoral
Cutting Chisel



Straight Broach
Handle



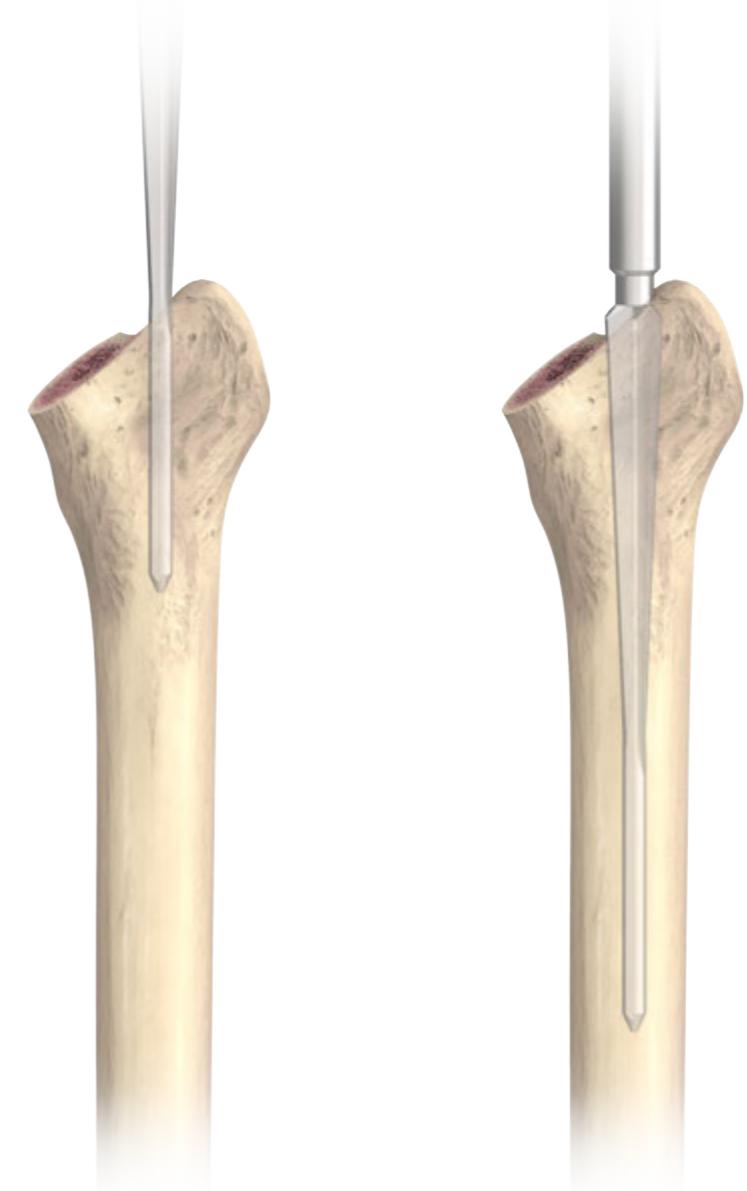
Offset Broach
Handle



Dual Offset Broach
Handle

C. Canal Reaming

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



Instruments



Modular T-Handle



Starter Reamer

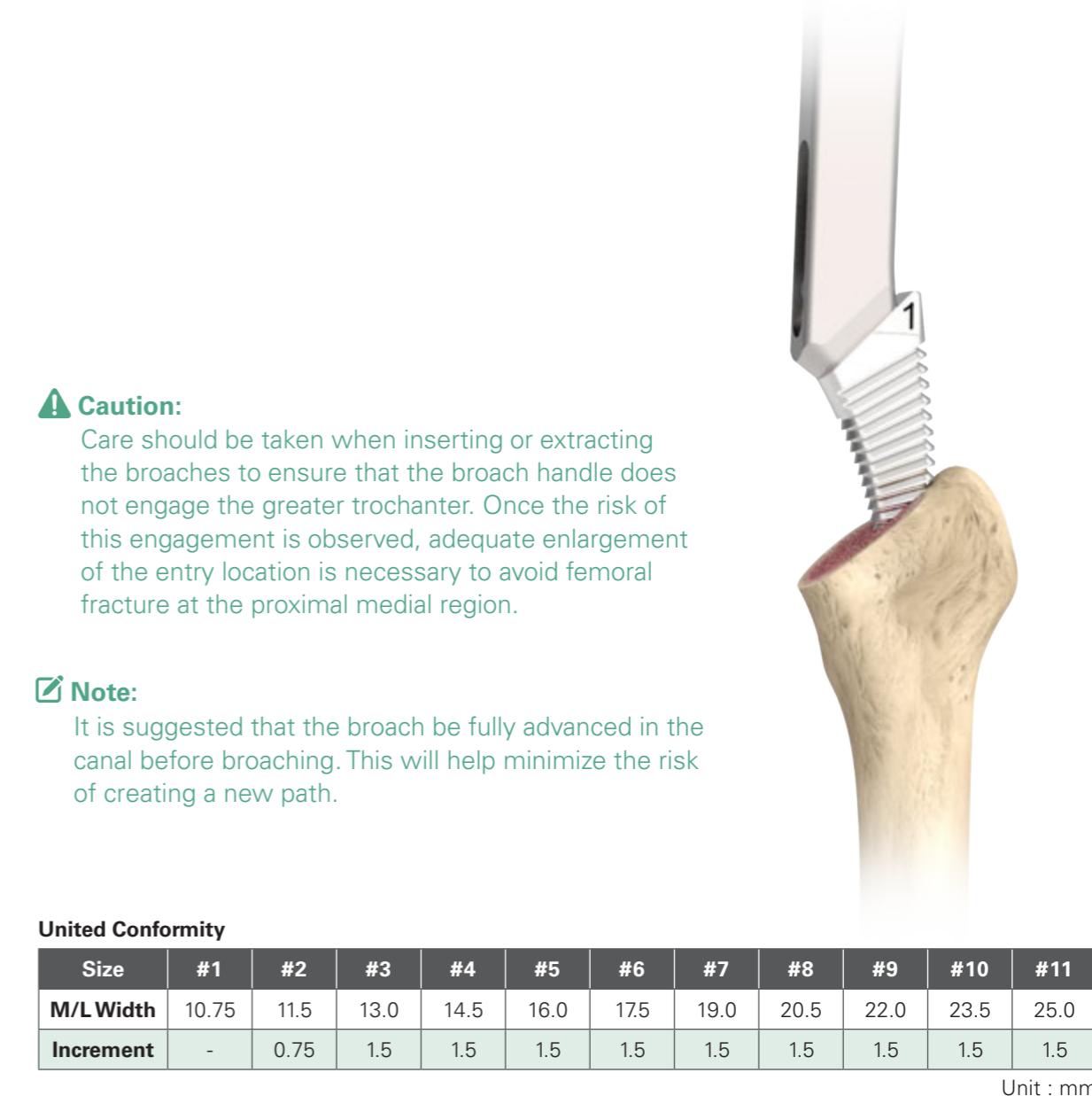
D.Lateralization

Use the **Canal Finder Rasp** to further remove the bone laterally beneath the greater trochanter 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 **Conformity Broach** along the created orientation until the planned template size is achieved. The M/L dimensions of the **Conformity Broach** are identical to that of the implant.



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

Instruments



Canal Finder Rasp

Instruments



Conformity Broach



Straight Broach Handle



Offset Broach Handle



Dual Offset Broach Handle

F. Calcar Preparation

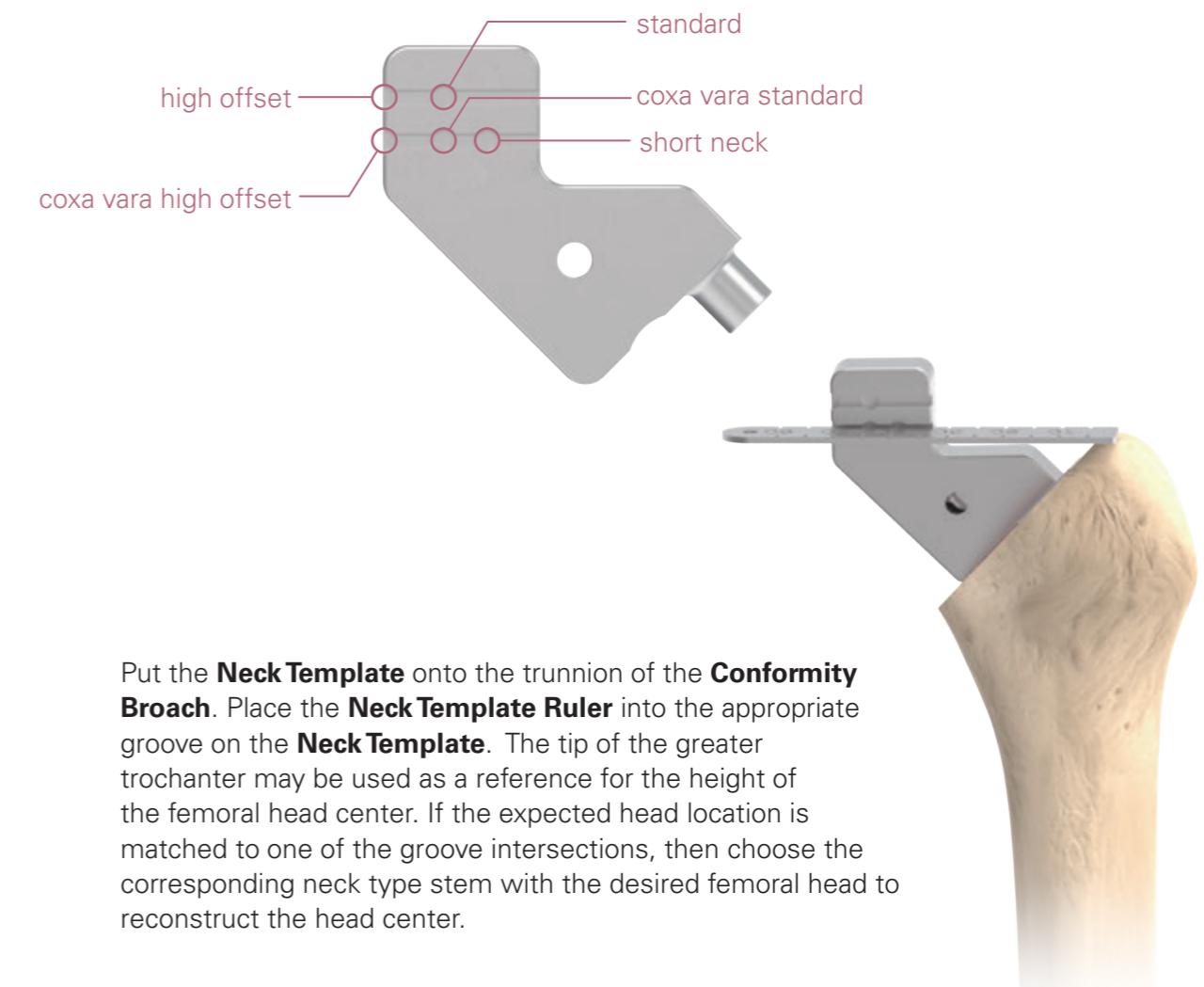
When the final broach is seated, choose the corresponding **Conformity Calcar Reamer** and guide the reamer over the **Conformity Broach** trunnion ensuring that the **Conformity Calcar Reamer** is axially aligned with the trunnion and is stable. Plane the medial calcar until the reamer reaches the terminal depth confined by the stroke of broach trunnion.



(Optional) G. Femoral Neck Templating

This **Neck Template** is prepared for intraoperative 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 with +0 mm femoral head:



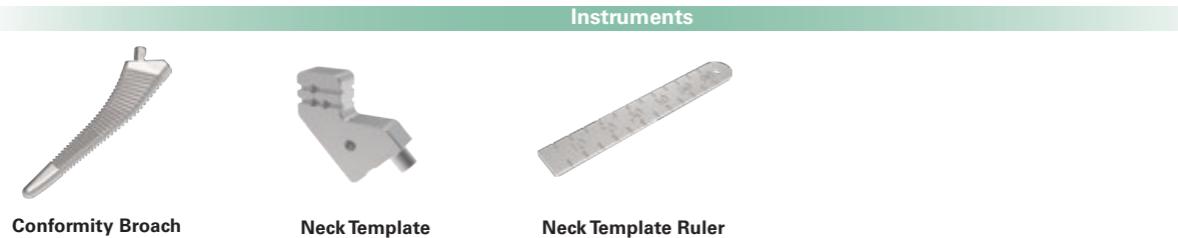
Put the **Neck Template** onto the trunnion of the **Conformity Broach**. Place the **Neck Template Ruler** into the appropriate groove on the **Neck Template**. The tip of the greater trochanter may be used as a reference for the height of the femoral head center. If the expected head location is matched 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 preoperative plan is made and the horizontal offset is determined, or an intraoperative 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 :



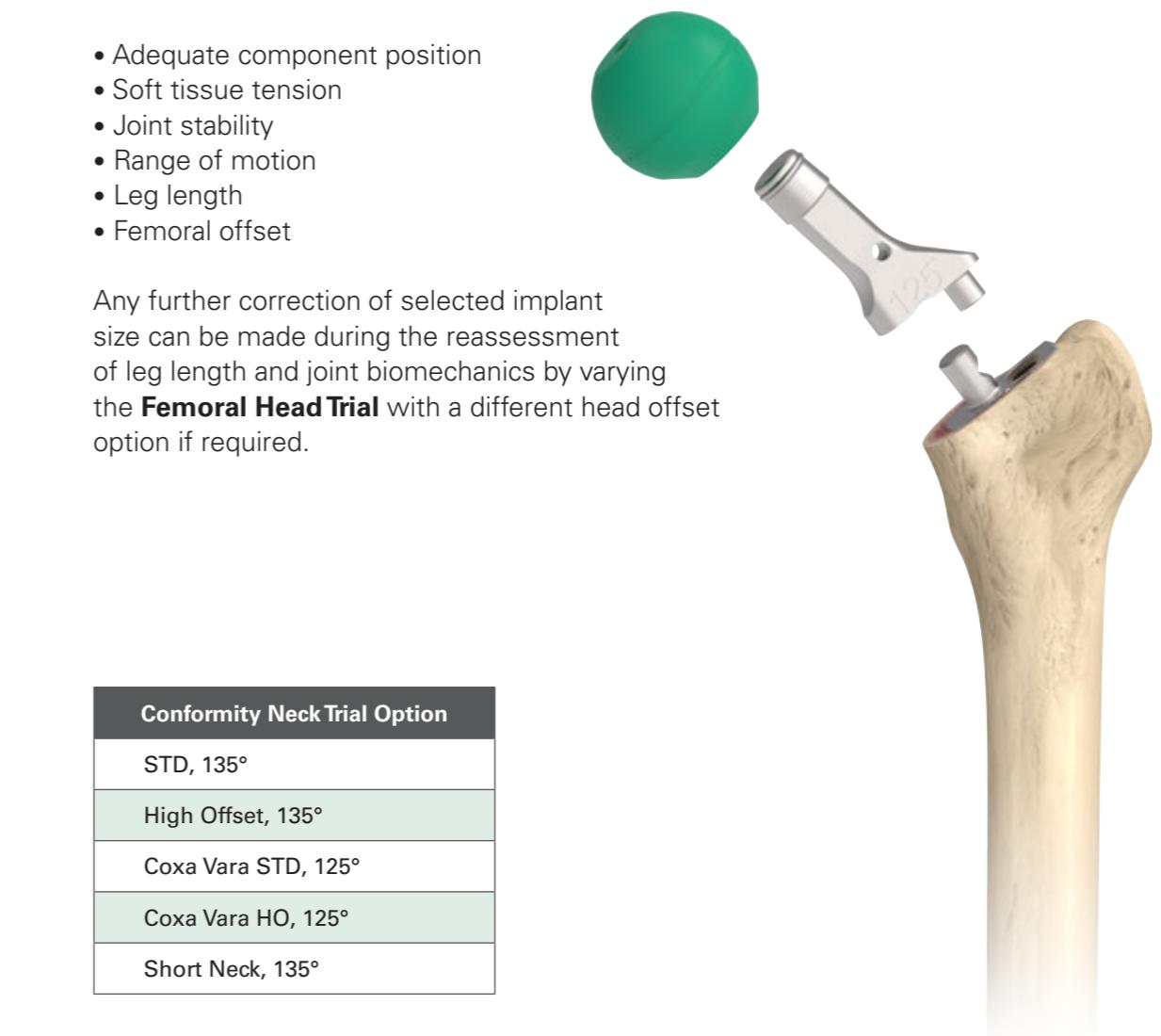
H. Trial Reduction

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

- 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 a different head offset option if required.

Conformity Neck Trial Option
STD, 135°
High Offset, 135°
Coxa Varus STD, 125°
Coxa Varus HO, 125°
Short Neck, 135°



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**.



Instruments



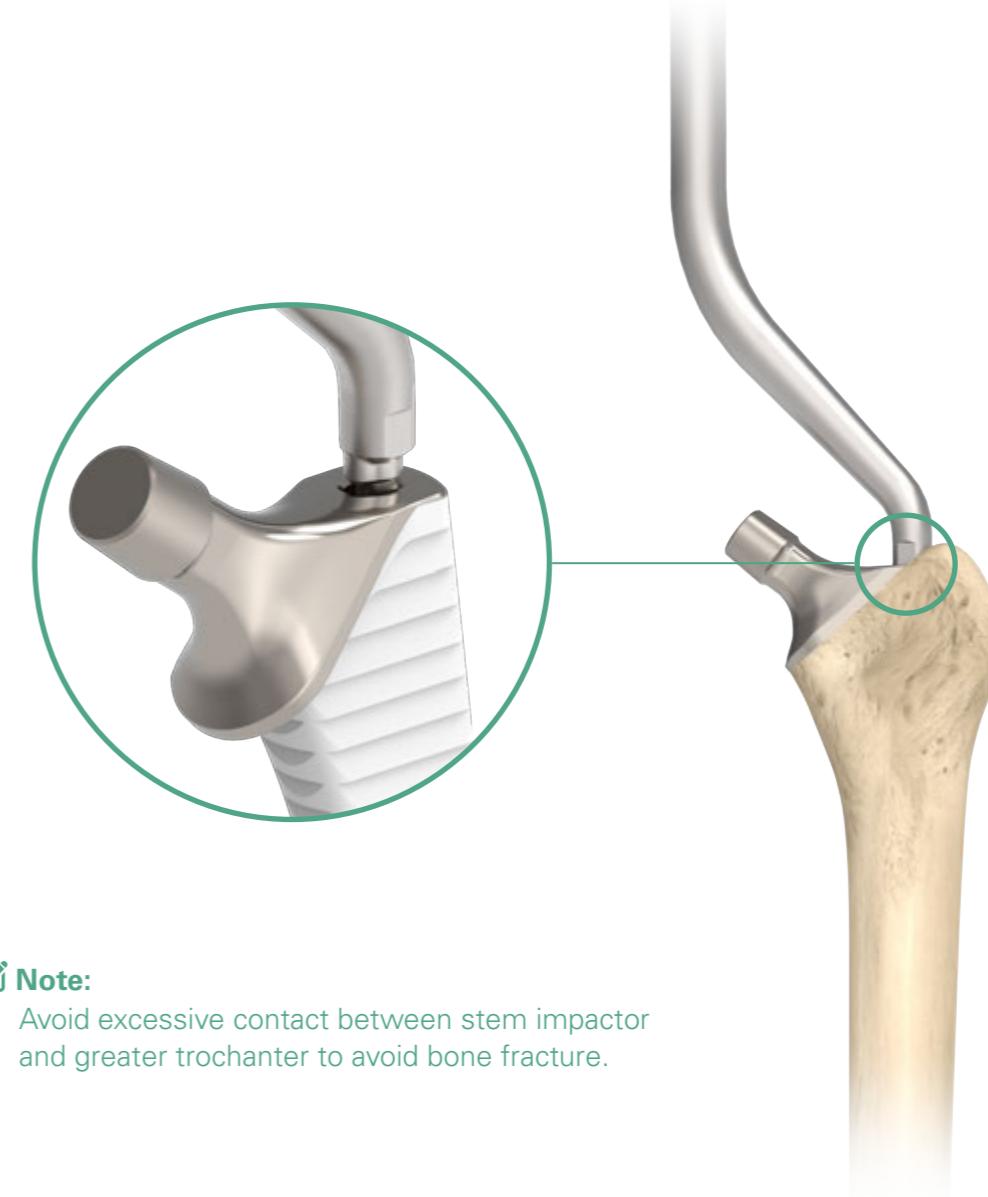
Straight Quick Connect Holder



Offset Quick Connect Holder

J. Stem Impaction

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



 **Note:**

Avoid excessive contact between stem impactor and greater trochanter to avoid bone fracture.

Instruments



Straight Stem Impactor



Offset Stem Impactor

K. Femoral Head Impaction

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



Instruments



Universal Handle



Femoral Head Impactor



Pusher



Femoral Head Trial

Appendix

Cemented Stem Selection

If the patients' condition is not suitable for inserting a cementless Conformity stem, the optional cemented stem can be used. Determination of stem size depends on surgeons' preference and patients' condition; the theoretical cement mantle thickness using 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 referred to in the following table:

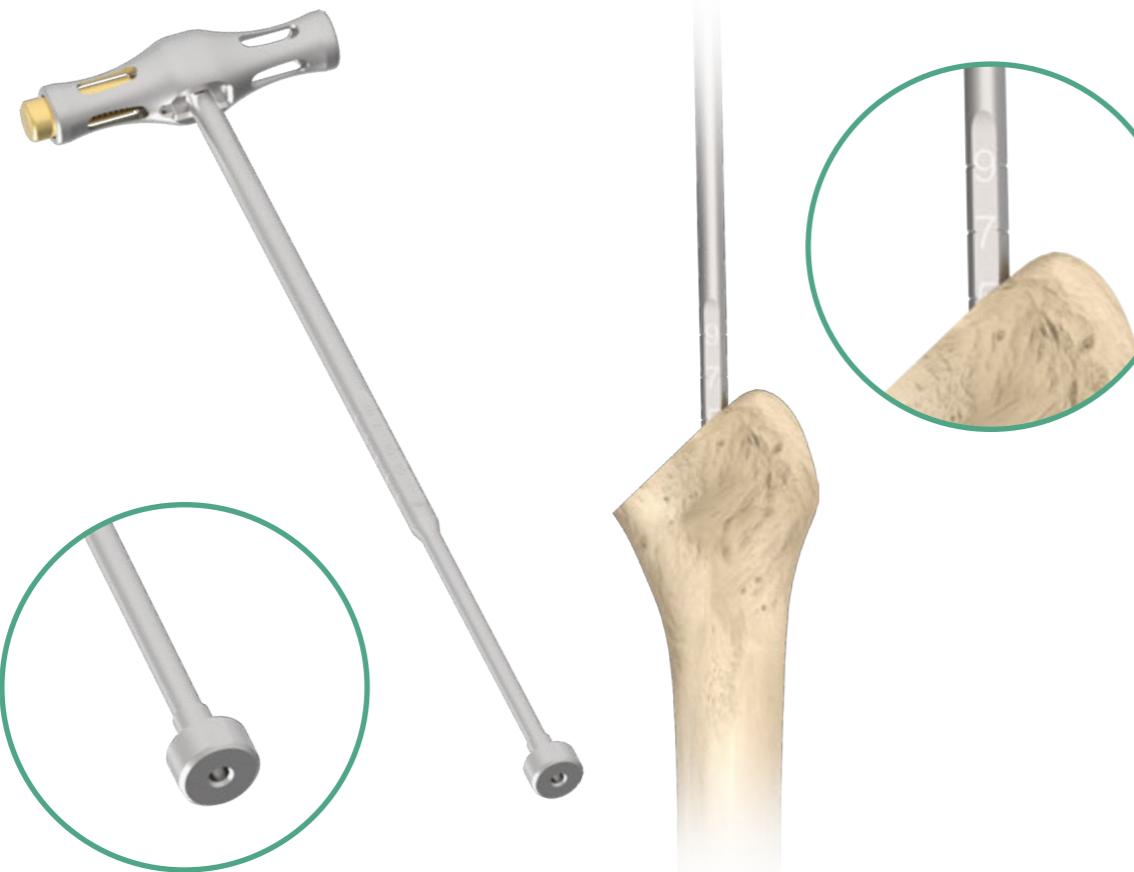
Broach #	1	2	3	4	5	6	7	8	9	10	11
Stem #	Cement Mantle (mm)										
1	*	0.375	1.125								
2		*	0.75	1.5							
3			*	0.75	1.5						
4				*	0.75	1.5					
5					*	0.75	1.5				
6						*	0.75	1.5			
7							*	0.75	1.5		
8								*	0.75	1.5	
9									*	0.75	1.5
10										*	0.75

* 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.



Options in diameters : 8/10/12/14/16/18 mm

Instruments



Modular T Handle



Restrictor Inserter

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

Appendix

Cement Restrictor Insertion (Cemented Stem Only)

Remove the **Canal Sizer** from the aforementioned assembly, and assemble the appropriate cement restrictor to the tip of the **Restrictor Inserter**. Introduce the restrictor into the canal to the designated depth (read the mark on the shaft of inserter). After locating the restrictor, dry the femoral canal by passing a swab down into 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.



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.



Instruments



Modular T Handle

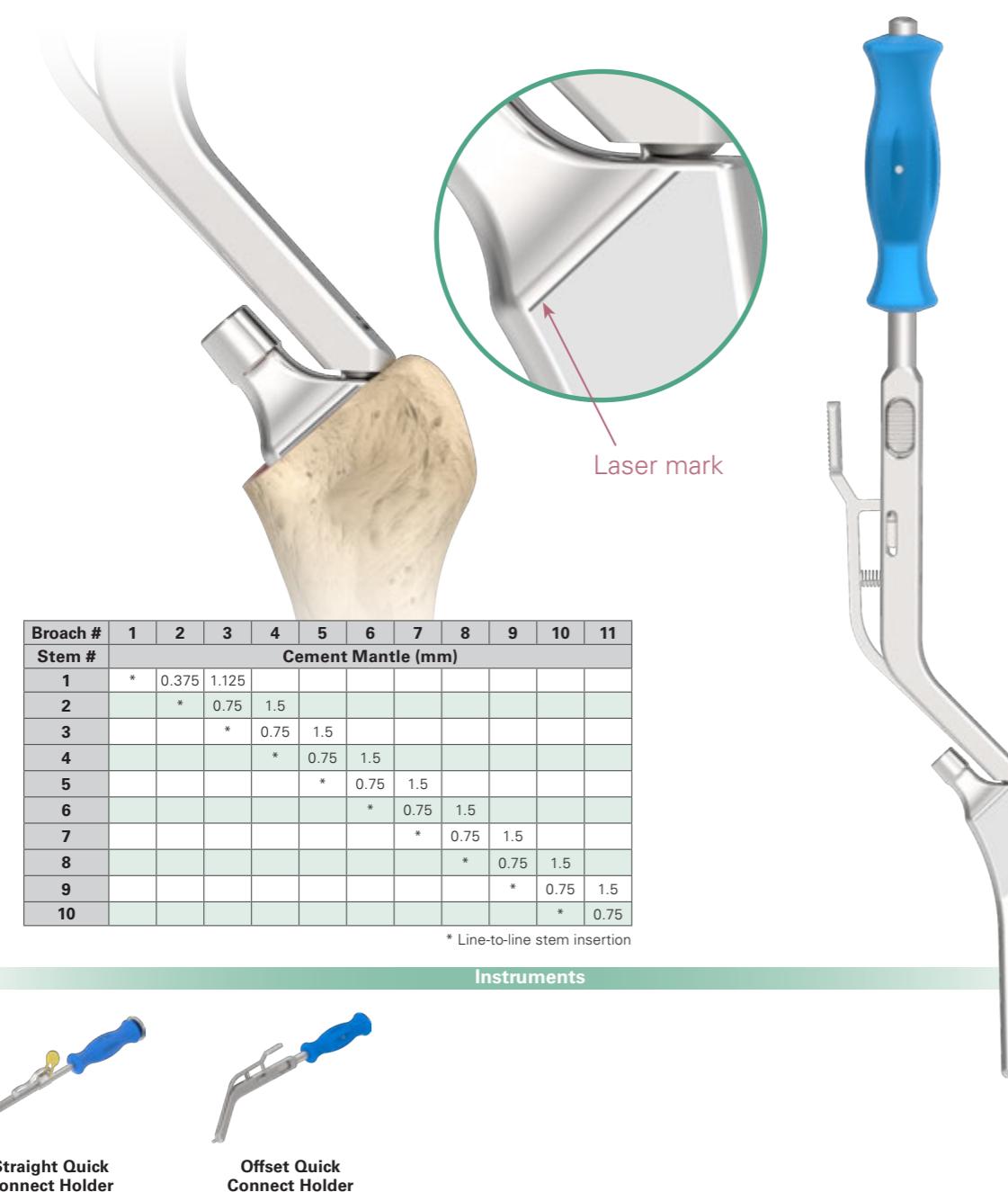


Restrictor Inserter

Appendix

Cemented Stem Insertion (Cemented Stem Only)

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 size down (increased thickness of cement mantle) can be available for selection. 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 (the laser mark should be aligned with the resection surface). Remove the excessive cement. Hold the stem until the cement is polymerized, and disengage the **Quick Connect Holder**.



Each Step
We Care

Appendix

Stem offset with following head lengths

Head Size	CoCr 22 mm				CoCr 28 / 32 / 36 mm					Ceramic 22 mm			Ceramic 28 mm			Ceramic 32 mm			Ceramic 36 / 40 mm					
Head Offset	0	3	6	9	-3	0	2.5	5	7.5	10	1	3	5	-2.5	1	4	-3	1	5	8	-3	1	5	9

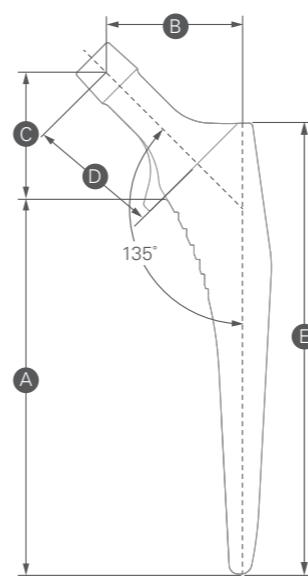
Standard (#1-#11)	#1	36.0	38.1	40.2	42.4	33.9	36.0	37.8	39.5	41.3	43.1	36.7	38.1	39.5	34.2	36.7	38.8	33.9	36.7	39.5	41.7	33.9	36.7	39.5	42.4
	#2	36.5	38.6	40.7	42.9	34.4	36.5	38.3	40.0	41.8	43.6	37.2	38.6	40.0	34.7	37.2	39.3	34.4	37.2	40.0	42.2	34.4	37.2	40.0	42.9
	#3	37.5	39.6	41.7	43.9	35.4	37.5	39.3	41.0	42.8	44.6	38.2	39.6	41.0	35.7	38.2	40.3	35.4	38.2	41.0	43.2	35.4	38.2	41.0	43.9
	#4	38.0	40.1	42.2	44.4	35.9	38.0	39.8	41.5	43.3	45.1	38.7	40.1	41.5	36.2	38.7	40.8	35.9	38.7	41.5	43.7	35.9	38.7	41.5	44.4
	#5	39.0	41.1	43.2	45.4	36.9	39.0	40.8	42.5	44.3	46.1	39.7	41.1	42.5	37.2	39.7	41.8	36.9	39.7	42.5	44.7	36.9	39.7	42.5	45.4
	#6	39.5	41.6	43.7	45.9	37.4	39.5	41.3	43.0	44.8	46.6	40.2	41.6	43.0	37.7	40.2	42.3	37.4	40.2	43.0	45.2	37.4	40.2	43.0	45.9
	#7	40.0	42.1	44.2	46.4	37.9	40.0	41.8	43.5	45.3	47.1	40.7	42.1	43.5	38.2	40.7	42.8	37.9	40.7	43.5	45.7	37.9	40.7	43.5	46.4
	#8	41.0	43.1	45.2	47.4	38.9	41.0	42.8	44.5	46.3	48.1	41.7	43.1	44.5	39.2	41.7	43.8	38.9	41.7	44.5	46.7	38.9	41.7	44.5	47.4
	#9	41.5	43.6	45.7	47.9	39.4	41.5	43.3	45.0	46.8	48.6	42.2	43.6	45.0	39.7	42.2	44.3	39.4	42.2	45.0	47.9				
	#10	42.5	44.6	46.7	48.9	40.4	42.5	44.3	46.0	47.8	49.6	43.2	44.6	46.0	40.7	43.2	45.3	40.4	43.2	46.0	48.2	40.4	43.2	46.0	48.9
	#11	43.5	45.6	47.7	49.9	41.4	43.5	45.3	47.0	48.8	50.6	44.2	45.6	47.0	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	43.0	45.1	47.2	49.4	40.9	43.0	44.8	46.5	48.3	50.1	43.7	45.1	46.5	41.2	43.7	45.8	40.9	43.7	46.5	48.7	40.9	43.7	46.5	49.4
	#2	43.5	45.6	47.7	49.9	41.4	43.5	45.3	47.0	48.8	50.6	44.2	45.6	47.0	41.7	44.2	46.3	41.4	44.2	47.0	49.9				
	#3	44.5	46.6	48.7	50.9	42.4	44.5	46.3	48.0	49.8	51.6	45.2	46.6	48.0	42.7	45.2	47.3	42.4	45.2	48.0	50.2	42.4	45.2	48.0	50.9
	#4	45.0	47.1	49.2	51.4	42.9	45.0	46.8	48.5	50.3	52.1	45.7	47.1	48.5	43.2	45.7	47.8	42.9	45.7	48.5	50.7	42.9	45.7	48.5	51.4
	#5	46.0	48.1	50.2	52.4	43.9	46.0	47.8	49.5	51.3	53.1	46.7	48.1	49.5	44.2	46.7	48.8	43.9	46.7	49.5	51.7	43.9	46.7	49.5	52.4
	#6	46.5	48.6	50.7	52.9	44.4	46.5	48.3	50.0	51.8	53.6	47.2	48.6	50.0	44.7	47.2	49.3	44.4	47.2	50.0	52.2	44.4	47.2	50.0	52.9
	#7	47.0	49.1	51.2	53.4	44.9	47.0	48.8	50.5	52.3	54.1	47.7	49.1	50.5	45.2	47.7	49.8	44.9	47.7	50.5	52.7	44.9	47.7	50.5	53.4
	#8	48.0	50.1	52.2	54.4	45.9	48.0	49.8	51.5	53.3	55.1	48.7	50.1	51.5	46.2	48.7	50.8	45.9	48.7	51.5	53.7	45.9	48.7	51.5	54.4
	#9	48.5	50.6	52.7	54.9	46.4	48.5	50.3	52.0	53.8	55.6	49.2	50.6	52.0	46.7	49.2	51.3	46.4	49.2	52.0	54.2	46.4	49.2	52.0	54.9
	#10	49.5	51.6	53.7	55.9	47.4	49.5	51.3	53.0	54.8	56.6	50.2	51.6	53.0	47.7	50.2	52.3	47.4	50.2	53.0	55.2	47.4	50.2	53.0	55.9
	#11	50.5	52.6	54.7	56.9	48.4	50.5	52.3	54.0	55.8	57.6	51.2	52.6	54.0	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-#7)	#1	31.0	33.1	35.2	37.4	28.9	31.0	32.8	34.5	36.3	38.1	31.7	33.1	34.5	29.2	31.7	33.8	28
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Order Information

		Catalog Number		Description	
Conformity, Collared					
Standard	High Offset	Standard	High Offset	# 1	
		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	
Conformity, Collarless					
Standard	High Offset	Standard	High Offset	# 1	
		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	



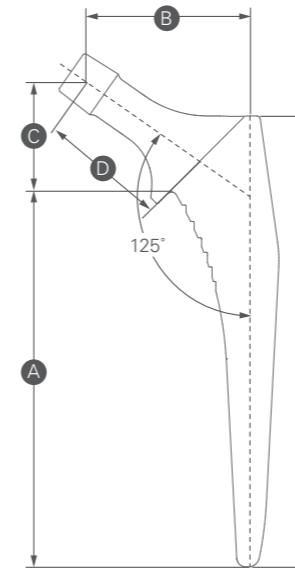
Collared & Collarless

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

Order Information

		Catalog Number	Description
Conformity, Coxa Vara			
Standard	High Offset	Standard	High Offset
		1110 - 5001* # 1	1110 - 5202 # 2
		1110 - 5002* # 2	1110 - 5203 # 3
		1110 - 5003* # 3	1110 - 5204 # 4
		1110 - 5004* # 4	1110 - 5205 # 5
		1110 - 5005* # 5	1110 - 5206 # 6
		1110 - 5006* # 6	1110 - 5207 # 7
		1110 - 5007* # 7	1110 - 5208 # 8
			1110 - 5209 # 9
			1110 - 5210 # 10
			1110 - 5211 # 11



Coxa Vara, Standard & High Offset

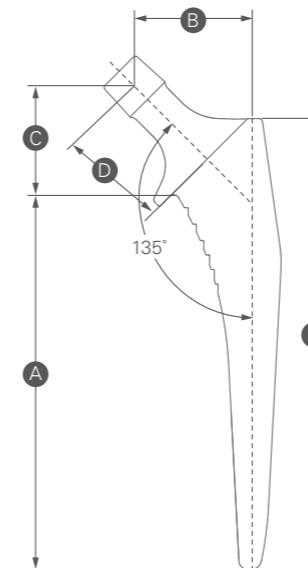
Size	A Medial Length		B Offset		C Vertical Height		D Neck Length		E Lateral Length	
	Standard	High Offset	Standard	High Offset	Standard	High Offset	Standard	High Offset	Standard	High Offset
# 1	95.0	-	36.0	-	29.0	-	32.5	-	115.0	-
# 2	99.5	99.5	36.5	43.5	29.0	29.0	32.5	37.5	119.5	119.5
# 3	104.0	104.0	37.5	44.5	29.0	29.0	32.5	37.5	124.0	124.0
# 4	108.5	108.5	38.0	45.0	29.0	29.0	32.5	37.5	128.5	128.5
# 5	113.0	113.0	39.0	46.0	29.0	29.0	32.5	37.5	133.0	133.0
# 6	117.5	117.5	39.5	46.5	29.0	29.0	32.5	37.5	137.5	137.5
# 7	122.0	122.0	40.0	47.0	29.0	29.0	32.5	37.5	142.0	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

* Items not commercially available in EU market under regulatory of CE MDR

Order Information

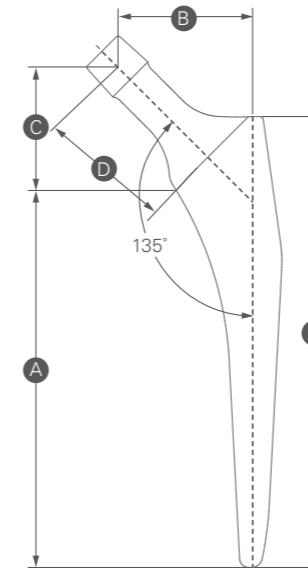
Catalog Number			Description		
Conformity, Short Neck			Short Neck		
			1110 - 1401 # 1 1110 - 1402 # 2 1110 - 1403 # 3 1110 - 1404* # 4 1110 - 1405* # 5 1110 - 1406* # 6 1110 - 1407* # 7		
Conformity, Cemented					
Standard		High Offset			
			Standard High Offset		
1110 - 7001		1110 - 7201	# 1		
1110 - 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		
Catalog Number			Size		
			Canal Size (mm)		
Cement Restrictor, I-Type					
					
1907 - 1008			# 8		
1907 - 1010			8 - 9		
1907 - 1012			# 10		
1907 - 1014			10 - 11		
1907 - 1016			# 12		
1907 - 1018			12 - 13		
			# 14		
			14 - 15		
			# 16		
			16 - 17		
			# 18		
			18 - 19		



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
# 4	108.5	33.0	29.0	28.5	128.5
# 5	113.0	34.0	29.0	28.5	133.0
# 6	117.5	34.5	29.0	28.5	137.5
# 7	122.0	35.0	29.0	28.5	142.0

Unit : mm



Cemented

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

* Items not commercially available in EU market under regulatory of CE MDR

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

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

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

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

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