

UNITY plus

Designed to accurately restore joint biomechanics & address the demand for bone conservation



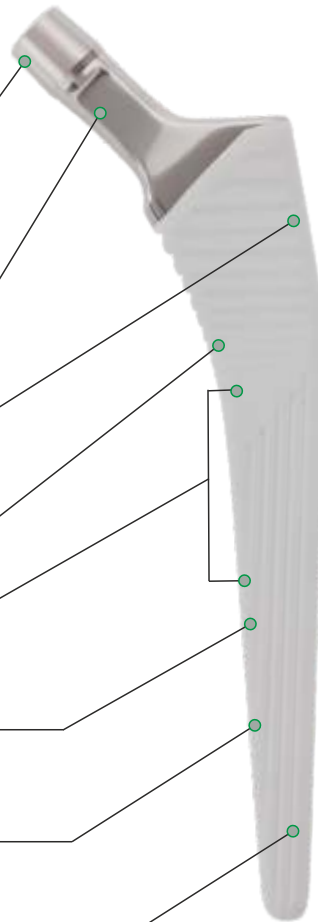
FROM **WHEELS** TO **HEELS**

Uncemented



Features

- **Universal 12/14 neck taper**
Trunnion for connection with modular head
- **Reduced neck geometry**
Enhances range of motion
- **Metaphyseal flare**
Ensures maximum fixation & load transfer into proximal femur
- **Double tapered stem design**
Avoids proximal stress shielding
- **Vertical & horizontal grooves**
Increase the bone contact area & provide rotational & axial stability
- **Hydroxyapatite (HA) coating**
Promotes rapid biological second fixation by bone growth
- **Forged HNSS Alloy**
Offers high fatigue resistance & biocompatibility
- **Reduced distal profile**
For ease of insertion



Bipolar head

- **UHMWPE liners**
Helps to reduce wear
- **Self-centering design**
- **Pre-assembled monoblock construct**
Prevents micro-motion & allows intra-operative ease of use
- **Highly polished SS outer shell**
Designed to reduce friction
- **Easy to use efficient instruments**
Designed to enhance efficiency



Femoral head

- **Multiple neck length head options**
To optimally restore joint biomechanics intra-op
- **Internal head sizes (mm)**
For OD: 37 - 43 = 22.2 (-4,0,+4)
For OD: 45 - 53 = 28 (-4, 0, +4, +8)
(2mm Increments In OD)



Stem Size	1	2	3	4	5	6#	7#	8#
Length	130	140	146	150	154	161	166	170
Head Offset	39	39	41	41	42	42	43	44
Neck Length	38.5							
Neck Angle	135°							

Stem length, head offset & neck length in mm

* Note: head offset mentioned is for sizes (mm): 28, 32, 36 (0)

Will be available on request

* Note: all 12/14 heads available in the Orthocare portfolio are compatible with the uncemented and cemented stems.

UNITY

Designed for
cemented implantation



FROM **WHEELS** TO **HEELS**

Cemented



Features

- **Universal 12/14 neck taper**
Trunnion for connection with modular head
- **Collarless neck**
Allows intra-operative leg length adjustments
- **Highly polished double tapered design**
Helps to create radial comprehensive loading
- **Forged HN55 Alloy**
Offers high fatigue resistance & biocompatibility
- **Reduced distal profile**
For ease of insertion
- **Innovative, hollow UHMWPE centralizer**
Designed to allow stem to engage distally within the cement mantle
- **Easy to use efficient instruments**
Designed to enhance clinical outcome



Bipolar head

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Helps to reduce wear
- **Self - centering design**
- **Pre-assembled monoblock construct**
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