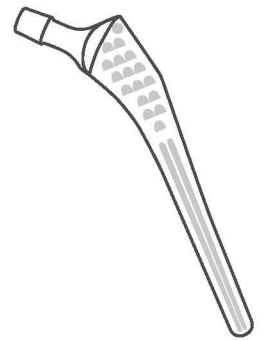


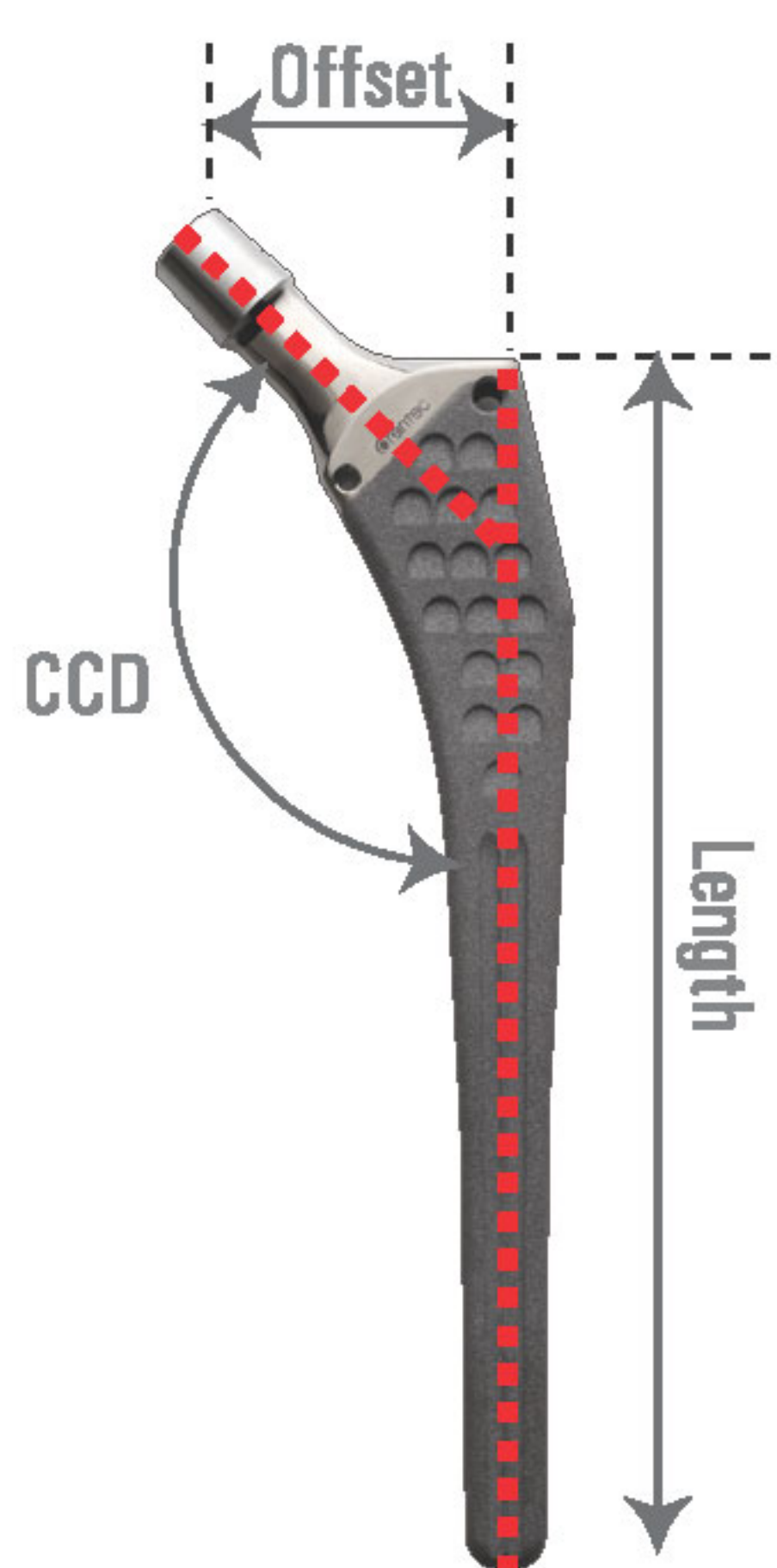
Benfix Long Stem



Benfix Long Stem



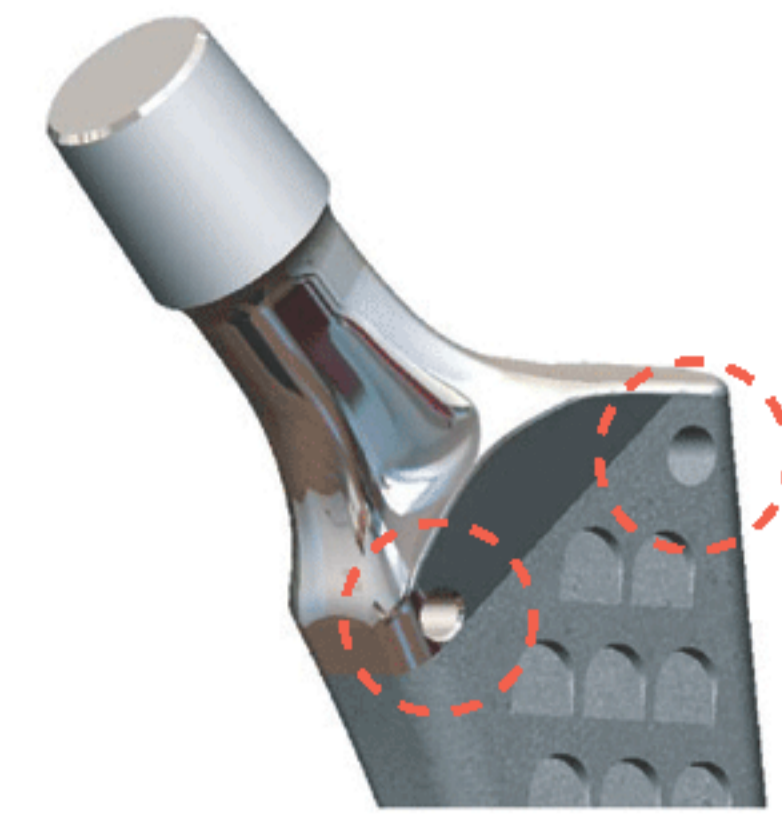
Benfix Long Stem Specifications



Size	Length (mm)	Offset (mm)	CCD (degree)
1	133	38.0	135°
2	148	38.5	
3	158	39.5	
4	163	40.0	
5	168	41.0	
6	178	41.5	
7	188	42.0	
8	193	43.0	
9	198	43.5	
10	208	44.5	
11	218	45.5	

Solutions for the Osteoporotic and Comminuted Fracture

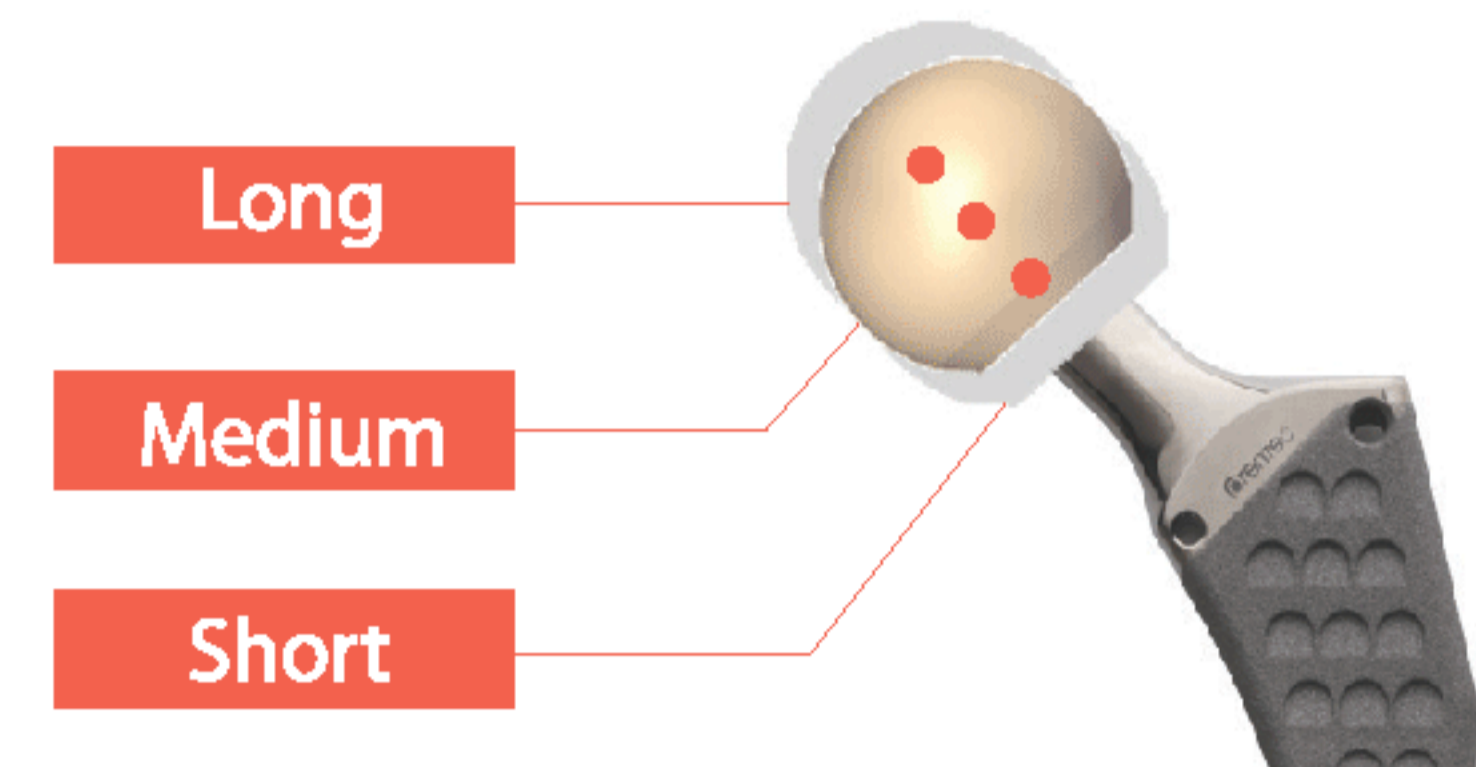
- Extended distal body enhances additional stability in the diaphysis.
- Wiring holes enable the reduction of the comminuted lesser and greater trochanter.



Wiring hole

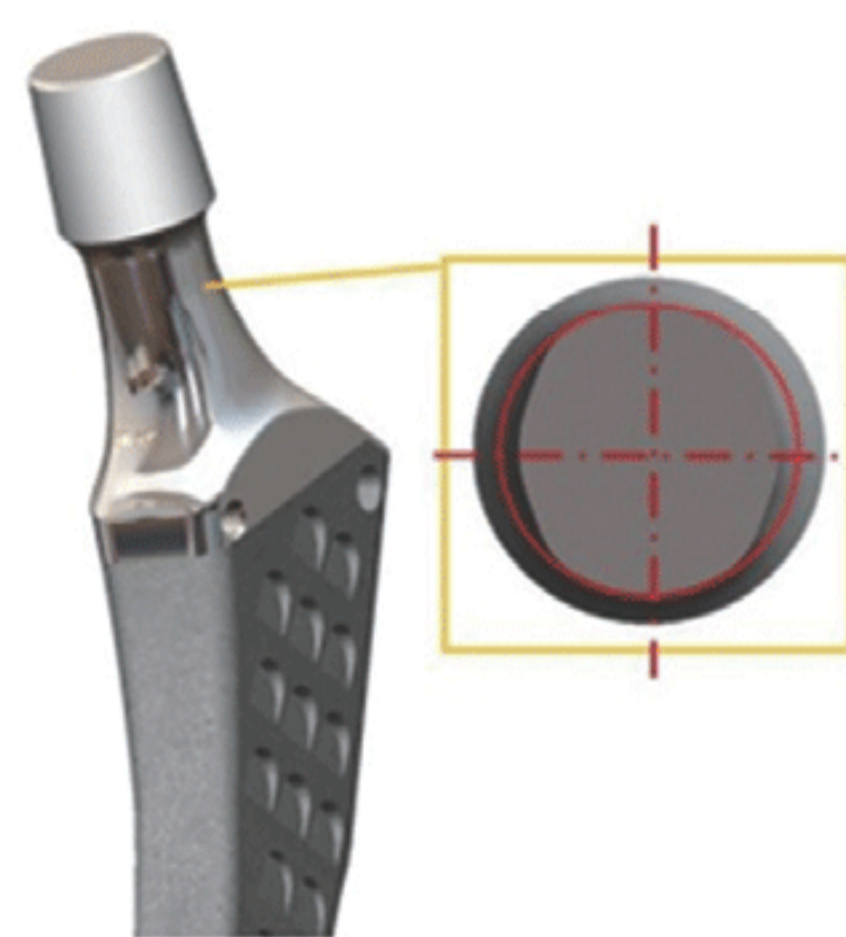
Compatible Tapered 12/14 Trunnion

- Adaptation of Bencox forte & delta, and Metal heads
- Provides 3 optional offset (Short, Medium, Long).
- Extra long offset provided for Metal heads



Wide Range of Prosthetic ROM (P-ROM)

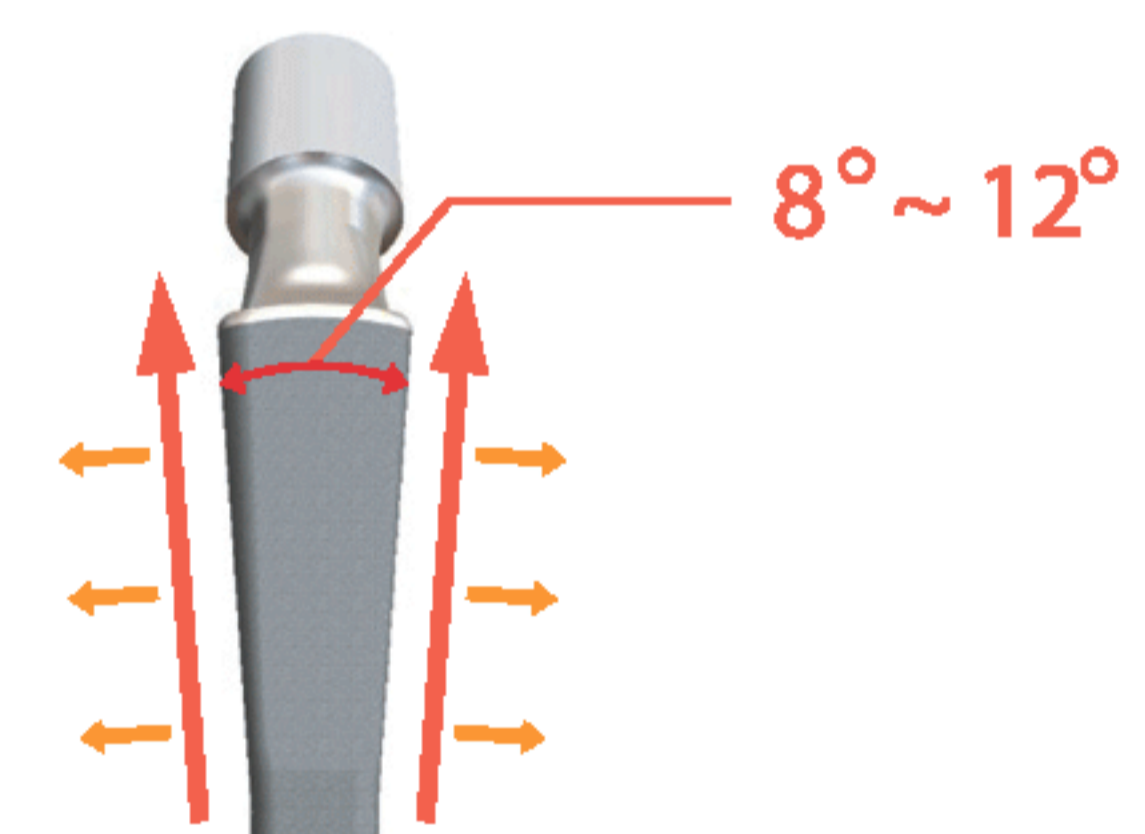
- Enhanced neck shape
 - Improved trapezoidal neck design allows wide angulation and protects impingement & dislocation.
- P-ROM of Benfix Long stem



MOTION	Bencox 28mm	Bencox 32mm	Bencox 36mm
Flexion	120°	124°	132°
Extension	64°	68°	75°
Total (Flexion+Extension)	184°	192°	207°
Abduction	67°	70°	76°
Adduction	54°	57°	63°
Total (Abduction+Adduction)	121°	127°	139°
Internal Rotation	136°	142°	152°
External Rotation	73°	78°	88°
Total (Int. Rot.+Ext. Rot.)	209°	220°	240°

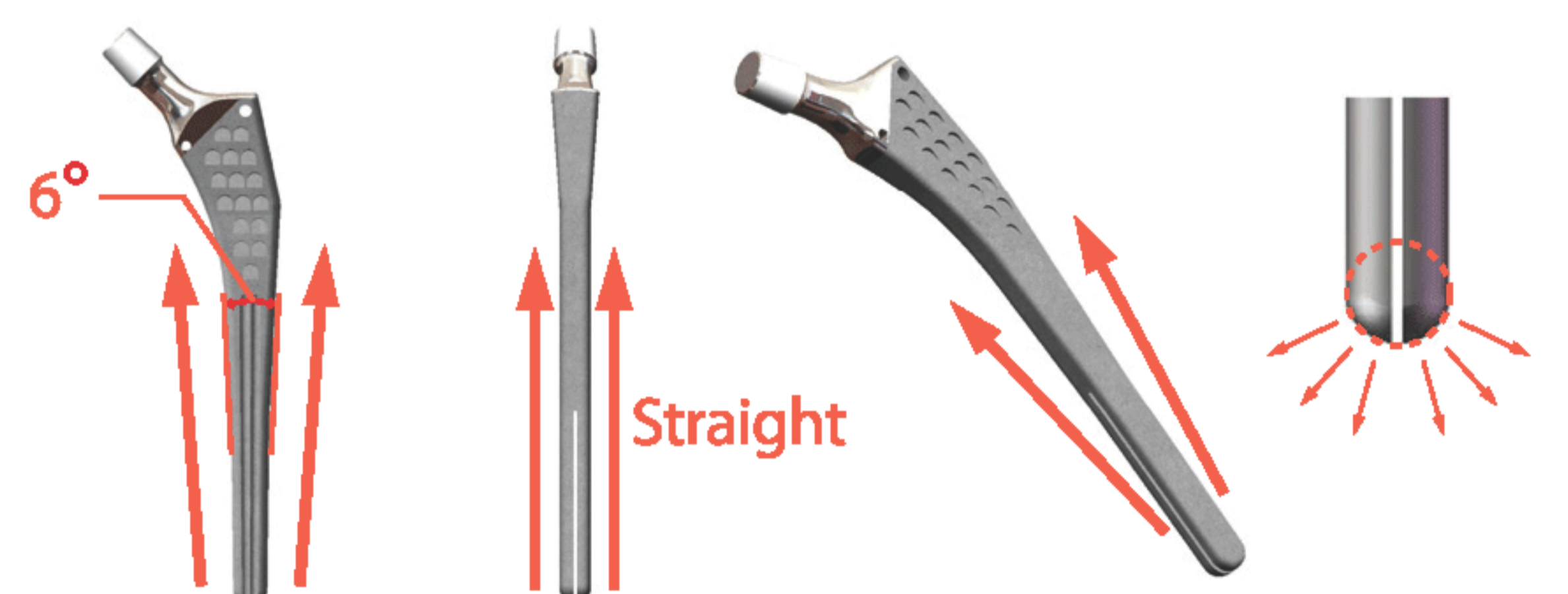
Prevented Axial Displacement and Stress Shielding

- Proximal taper resists the axial displacement and avoids stress shielding.
 - Stem locks against the dense bone of the calcar and greater trochanter and transferring load to the proximal femur.



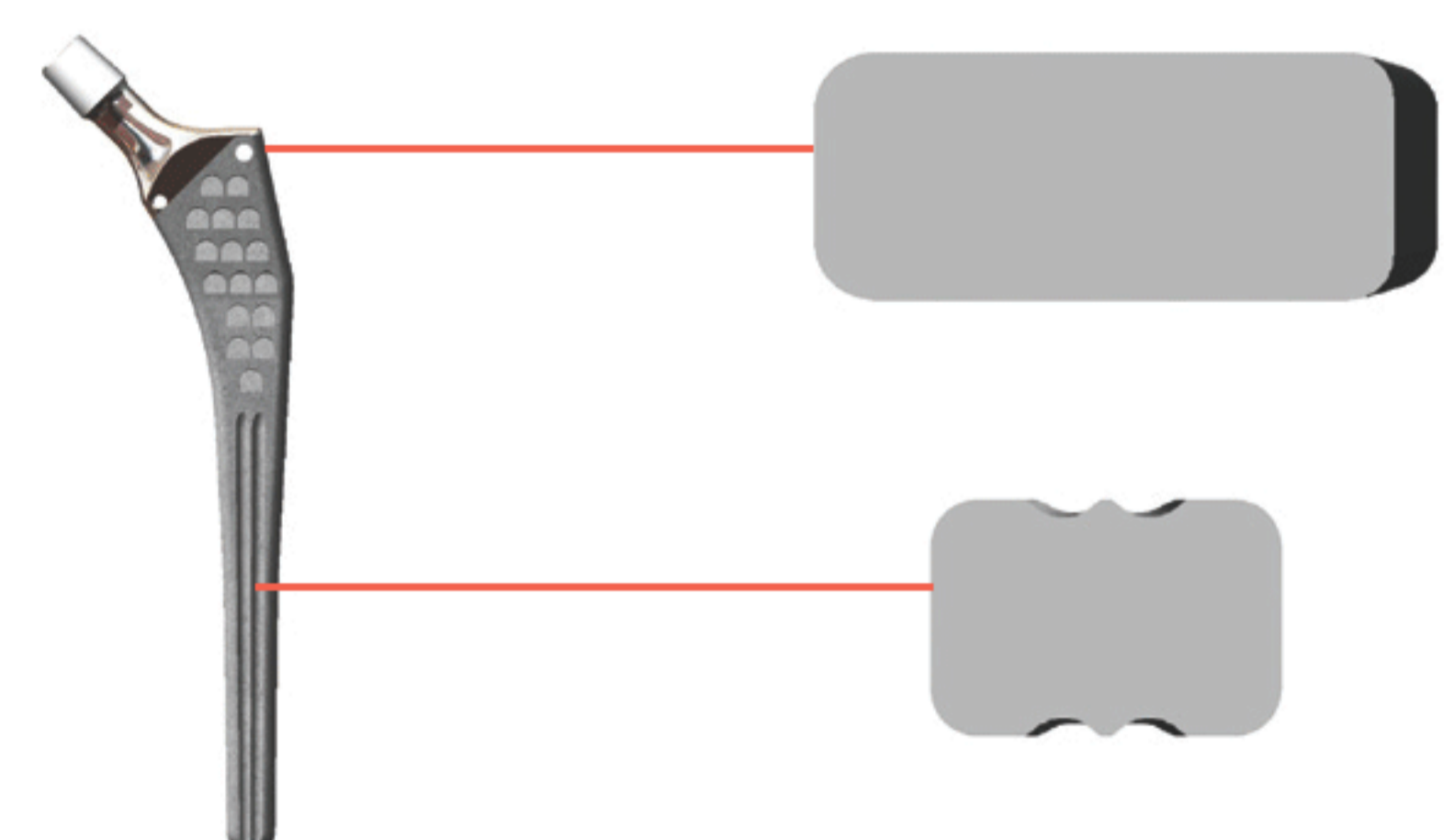
Reduced Thigh Pain

- Low elastic modulus of Ti alloy and the tapered stem reduce stiffness which avoids distal load transfer and prevents proximal stress shielding.
- Distal slot provides stress distribution and reduces thigh pain.



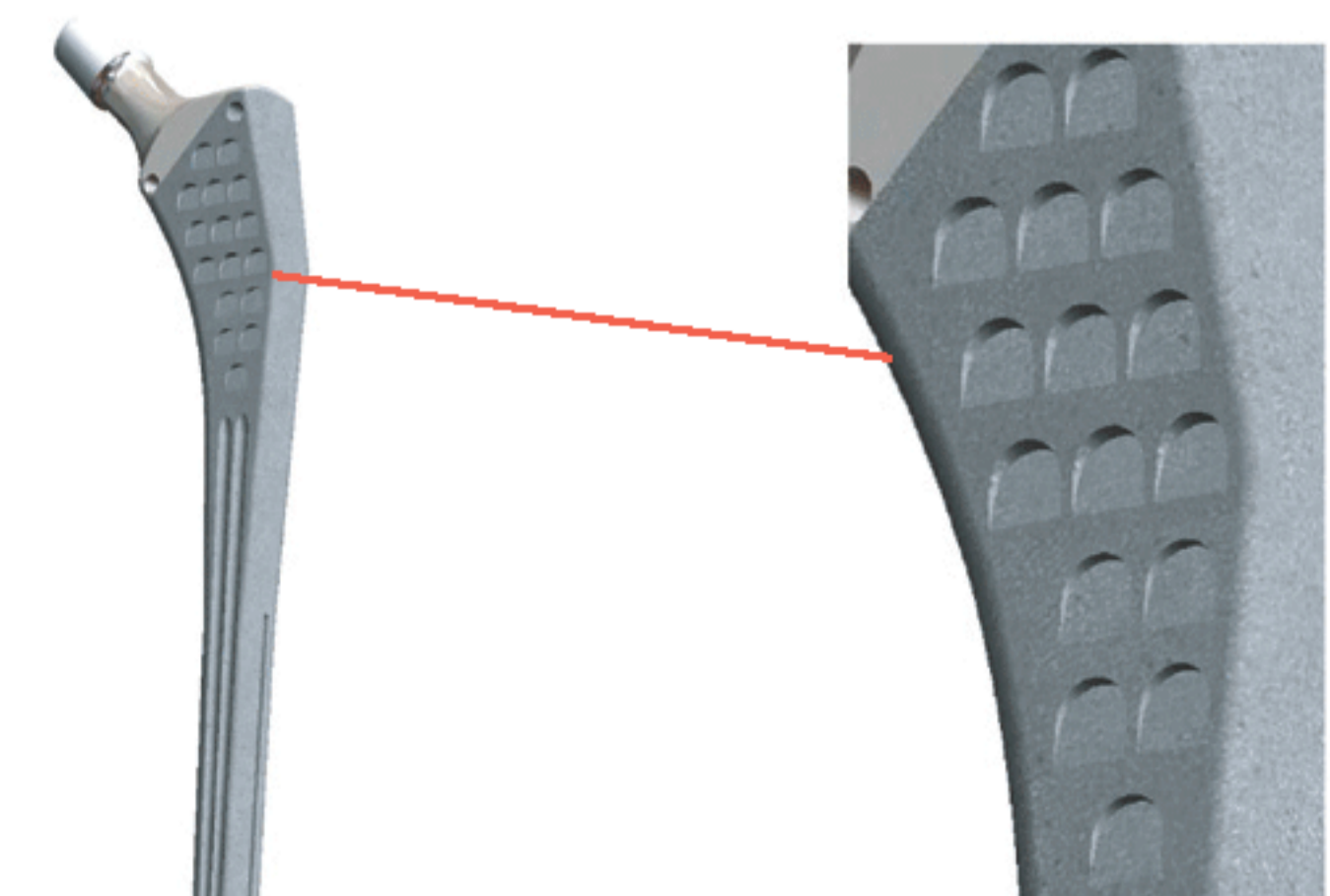
Enhanced Rotational Stability

- Rectangular cross-section
- Longitudinal grooves
 - Longitudinal grooves are designed to resist rotational motion.



Enhanced Axial Stability

- Transverse grooves
 - Transverse grooves provides axial stability and converts hoop stresses to compressive loads.



Benfix Long Stem ●

Ordering Information

Part No.	Description
01.04.001	Stem 1
01.04.002	Stem 2
01.04.003	Stem 3
01.04.004	Stem 4
01.04.005	Stem 5
01.04.006	Stem 6
01.04.007	Stem 7
01.04.008	Stem 8
01.04.009	Stem 9
01.04.010	Stem 10
01.04.011	Stem 11

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EC Representative : Emergo Europe Molenstraat 15, 2513 BH, The Hague, The Netherlands Tel : 31-70-345-8570 Fax : 31-70-346-7299