

Bencox[®]

ID Stem



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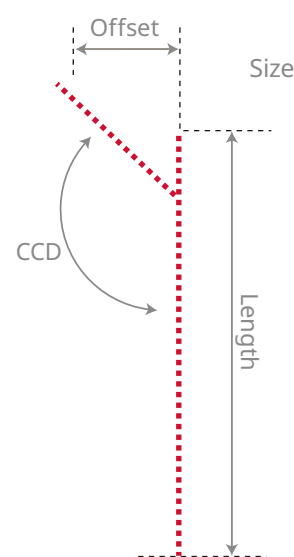
ID Stem



Bencox[®] ID Stem



Bencox ID Stem Specifications



Size	Length (mm)	Offset (mm)	CCD (degree)	Rasp
1	137	37.4	132°	1
2	141	38.1		2
3	145	39.3		3
4	149	40.0		4
5	153	40.7		5
6	157	41.4		6
7	161	42.1		7
8	165	43.3		8
9	169	44.5		9
10	173	45.7		10
11	177	46.9		11

Unified Instrumentation

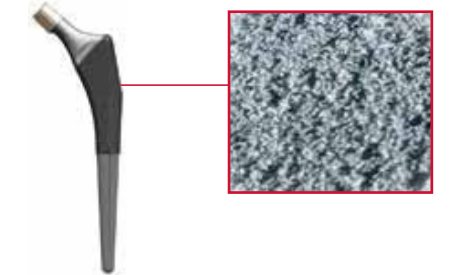
- Cementless and cemented stem of ID system use same instrumentation.
- This instrumentation maximizes efficiency in the operating room, while still providing intraoperative flexibility.



Proven Ti-Plasma Spray Porous Coating

Clinically proven Ti-Plasma spray porous coating

- Provides the primary and secondary stability.
- Protects osteolysis from the wear debris.



Wide Range of Prosthetic ROM(P-ROM)

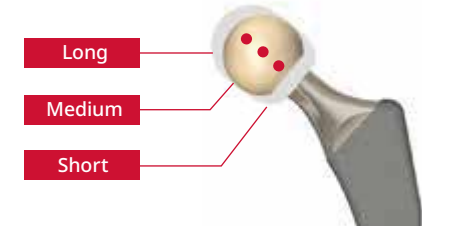
Enhanced neck shape

- Patented trapezoidal neck design allows wide angulation and protects impingement & dislocation.
- Same neck design with Bencox Stem is applied.



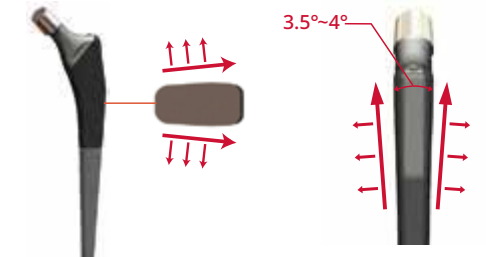
Compatible Tapered 12/14 Trunnion

- Adoption of Bencox Forte & Delta, and Metal heads
- Provides 3 optional offset (Short, Medium, Long).
- Extra long offset provided for Metal heads



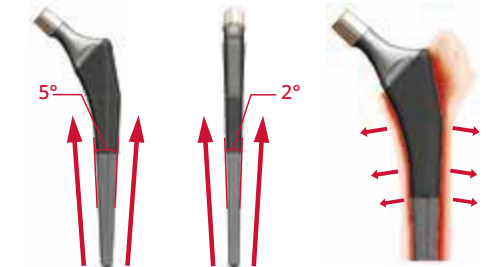
Normalized Proximal Stress

- Proximally tapered stem geometry converts the shear forces to compressive load.
- This helps the stem to resist subsidence and medial migration.



Extensive Stress Distribution

- Low elastic modulus of Ti alloy and the double tapered stem reduce stiffness which avoids distal load transfer and prevents proximal stress shielding.



Enhanced Rotational Stability

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

