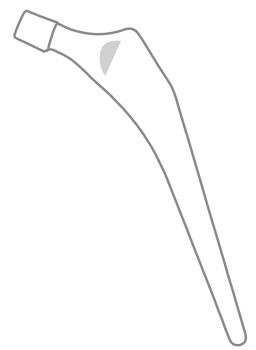


Bencox[®] ID Cemented Stem

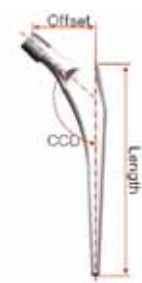


Bencox[®] ID Cemented Stem



Specifications

Bencox ID Cemented Stem



Size	Length (mm)	Offset (mm)	CCD (degree)	Rasp
2.5	121	35.5	132°	2.5
3	129	39.1		3
5	137	40.4		5
7	145	41.9		7
9	153	44.3		9
11	161	46.7		11

Centralizer



Size	Stem No.	Outer Diameter	Unusable Canal Size
2.5	2.5	16	<12
3	3	16	<12
5	5	17.5	<12
7	7	19	<14
9	9	20.5	<14
11	11	22	<16

* Centralizer is included in Bencox ID Cemented Stem package.

Bone Plug



Size	Outer Diameter (mm)	Usable Canal Size (mm)
13	13	≤12
20	20	13~19
27	27	20≥

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.



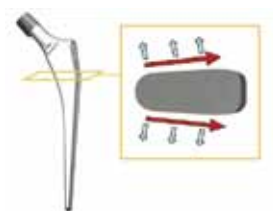
Polished Double Tapered distal geometry-Collarless type

- Generates the radial compressive load in distal body.
- “Taper slip principle” allows the subsidence of the stem.
 - Cement mantle longevity is related to the ability to convert the shear and tension to the compression.
 - Cement is 3 times stronger in compression than in shear or tension.



Normalized Proximal Stress

- Proximally tapered & grooved stem geometry converts the shear forces to compressive load.



Self-Centering Distal Centralizer

- Uniform cement thickness is constructed by four deformable wings of centralizer, which protects the stress concentration due to the thin cement mantle.
- Allows the cemented stem to move distally within the cement applying the compression to the cement.



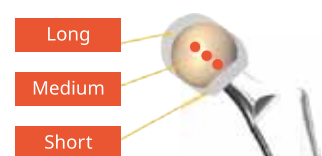
Enhanced Neck Shape

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



Compatible Tapered 12/14 Trunnion

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



Bencox[®] ID Cemented Stem

Ordering Information

Bencox ID Cemented Stem

Part No.	Description
01.05.102	Stem 2.5*
01.05.103	Stem 3
01.05.105	Stem 5
01.05.107	Stem 7
01.05.109	Stem 9
01.05.111	Stem 11

* Stem 2.5 Custom Order (available upon request)

Centralizer

Part No.	Description
H1.C11.0002	Centralizer 2.5
H1.C11.0003	Centralizer 3
H1.C11.0005	Centralizer 5
H1.C11.0007	Centralizer 7
H1.C11.0009	Centralizer 9
H1.C11.0011	Centralizer 11

* Centralizer is included in Bencox ID Cemented Stem package.

Bone Plug

Part No.	Description
01.05.413	Bone Plug 13mm
01.05.420	Bone Plug 20mm
01.05.427	Bone Plug 27mm

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