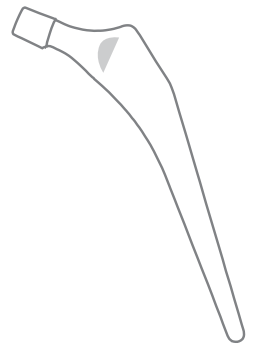


Bencox ID Cemented Stem

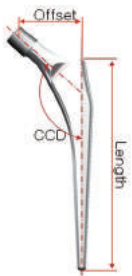


Bencox ID Cemented Stem



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

Outer Diameter

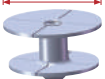


| Size | Stem No. | Outer Diameter | Unusable Canal Size |
|------|----------|----------------|---------------------|
| 2.5 | 2.5 | 16 | <12 |
| 3 | 3 | 16 | <12 |
| 5 | 5 | 17.5 | <12 |
| 7 | 7 | 19 | <14 |
| 9 | 9 | 20.5 | <14 |
| 11 | 11 | 22 | <16 |

* Centralizer is included in Bencox ID Cemented Stem package.

• Bone Plug

Outer Diameter



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

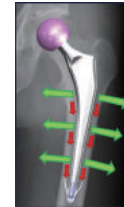
Unified Instrumentation

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



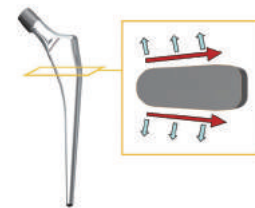
Polished Double Tapered distal geometry-Collarless type

- 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.



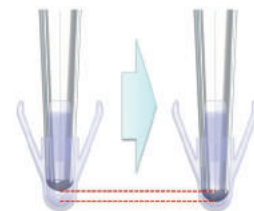
Normalized Proximal Stress

- 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.



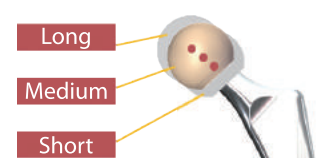
Enhanced Neck Shape

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

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CRSC-0100-M04(05)