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ORTHOPAEDICS

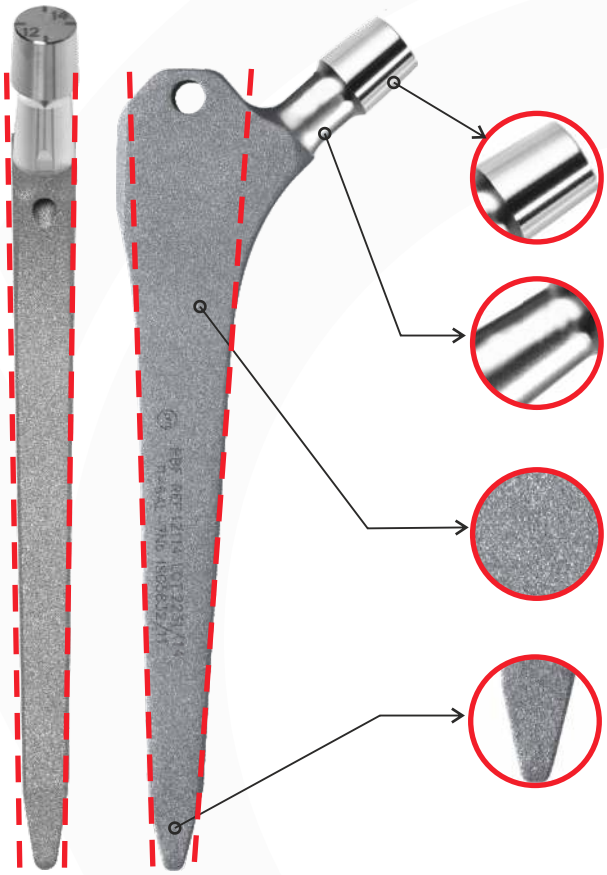
PBF

Femoral Stem System

PRODUCT INFORMATION

CE
0426

PBF Cementless stem



PBF are straight stems with conical profile both in the frontal and in the sagittal plane thus ensuring optimal fit and fill of the femoral canal.

The rectangular cross-section gives to the implant a relevant primary stability.

Taper

12/14 (top angle 5°42'30") BIOLOX approved

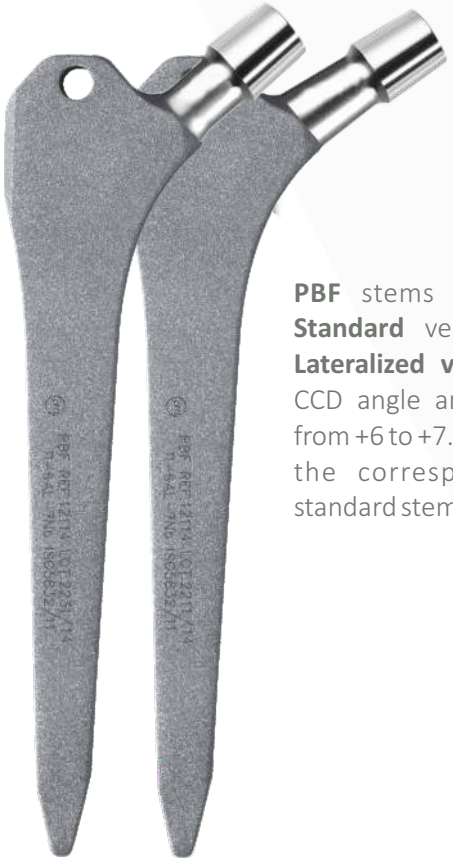
Reduced neck diameter for improved ROM

Microstructured surface roughness
ra ± 4-6µm

Tapered distal end to avoid localized stress and thigh pain.

14 sizes *STANDARD (ccd 131°)*

12 sizes *LATERAL (ccd 123°)*



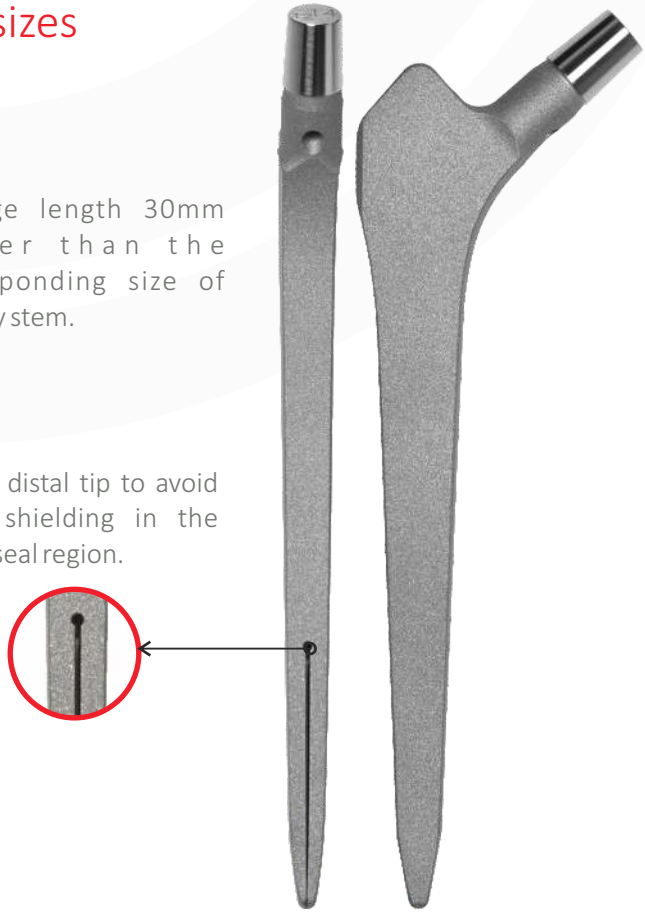
PBF stems are available in **Standard** version (131°) and **Lateralized version** with 123° CCD angle and offset variable from +6 to +7.8mm compared to the correspondent size of standard stem.

PBF *REVISION Stem*

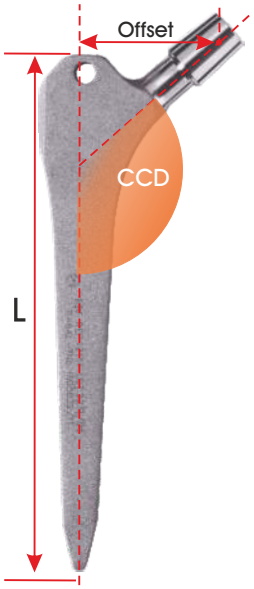
9 sizes

Average length 30mm longer than the corresponding size of primary stem.

Slotted distal tip to avoid stress shielding in the diaphyseal region.



PBF cementless Femoral Stems



		Standard CCD 131°		Lateral CCD 123°		Revision CCD 131°	
SIZE	L mm	Offset mm	Reference	Offset mm	Reference	L mm	Reference
01	126	34,6	12101	-	-	-	-
0	131	35,0	12110	-	-	-	-
1	136	35,8	12111	40,8	12311	-	-
2	141	36,7	12112	41,7	12312	-	-
3	146	37,6	12113	43,6	12313	174	12613*
4	151	38,8	12114	44,8	12314	179	12614*
5	156	40,0	12115	46,0	12315	184	12615*
6	161	41,3	12116	47,3	12316	189	12616*
7	166	42,7	12117	48,7	12317	194	12617*
8	171	44,0	12118	50,0	12318	199	12618*
9	176	45,5	12119	51,5	12319	206	12619*
10	181	46,8	12120	53,0	12320*	211	12620*
11	186	48,3	12121	54,3	12321*	217	12621*
12	191	49,8	12122	55,8	12322*	-	-

Information

INTENDED PURPOSE:

PBF stems are intended for use in total or partial Hip Replacement procedures, combined with a femoral ball head (or a bi-articular head) and an acetabular cup. Indicated for primary hip arthroplasties in cases of serious joint degeneration, mainly due to arthrosis and post-traumatic degenerative factors, where cortical bone structure is suitable to guarantee a correct and enduring mechanical fixation by means of press-fit technique. Device fixation is obtained by means of primary cementless press-fit stabilization and long term biological integration.

MATERIALS:

Titanium Aluminium Niobium forged alloy (Ti6Al7Nb) ISO5832/11

SURFACE FINISHING:

microstructured sandblasted surface (ra ± 4-6µm)

STERILIZATION:

Method: Irradiation (*Beta or Gamma rays - nominal dose 25 kGy*) or vaporized Hydrogen Peroxide (*VH2O2*).
Validity: 5 years (*Beta*) - 10 years (*Gamma-VH2O2*).

CLASSIFICATION:

Class III as reported in Directive 2005/50/CE (and related D.lgs 26 april 2007 n.65) concerning re-classification of Hip, Knee and Shoulder joint prostheses which modifies classification criteria of Annex IX of Directive 93/42/CEE and next integrations and amendements.

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