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ORTHOPAEDICS



EXACTA^{RS}

Femoral Stem

**PRODUCT
INFORMATION**



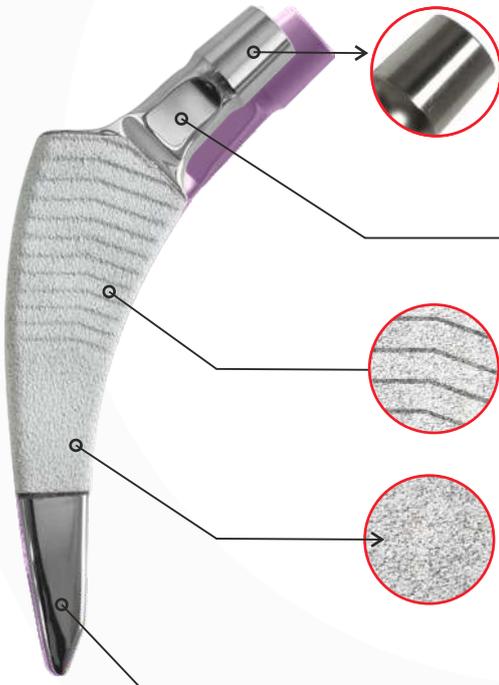
0426



12 implant sizes

STANDARD (ccd 132°)

LATERAL (ccd 132°) offset 6mm



Taper

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

Neck

Reduced section to optimize ROM. Mirror polished finishing to minimize wear on UHMWPE joint liner.

Stability

Horizontal grooves in the proximal portion for improved axial stability.

Bio-active coating

The **HaX-Pore**® double coating of porous Titanium and hydroxyapatite applied with plasma spray technique in the metaphyseal region guarantees an optimal primary fixation and encourages osteoblast colonization thus promoting biological integration.

Distal tip

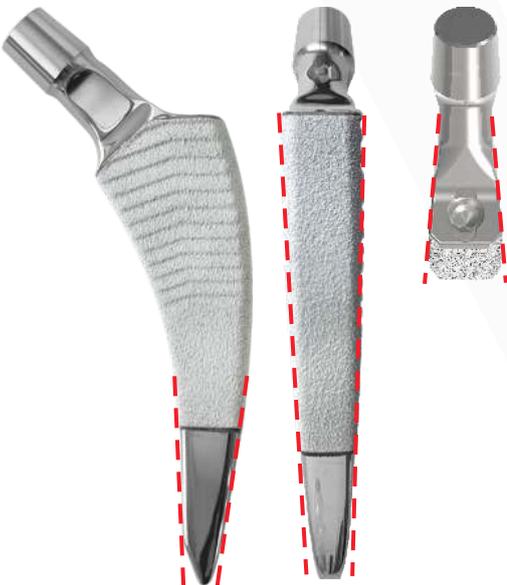
The tapered design and the glossy finishing avoid load concentration on the femoral cortex thus post-operative thigh pain.

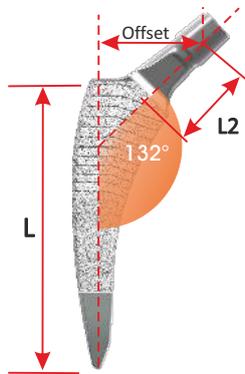
Design

The **triple tapered** design (frontal, coronal and sagittal) supports axial and rotational stability favouring load distribution in the metaphyseal region.

The **progressive growth** of the neck proportional to the stem size allows for a better restoration of the natural anatomy.

The **anatomical curvature** and the **optimized dimensions** allow an easy introduction even with minimally invasive techniques or with anterior access, as well as a **limited bone sacrifice**.



EXACTA RS cementless femoral stem

Size	Standard - CCD 132°				Lateral - CCD 132°				
	L mm	Offset mm	L2 mm	HaX-Pore® reference	X-Pore reference	Offset mm	L2 mm	HaX-Pore® reference	X-Pore reference
1	90	35,0	26,3	13211	13251*	41,0	30,5	13231	13271*
2	93	37,0	28,3	13212	13252*	43,0	32,5	13232	13272*
3	96	37,5	28,3	13213	13253*	43,5	32,5	13233	13273*
4	99	39,5	30,3	13214	13254*	45,5	34,5	13234	13274*
5	102	40,0	30,3	13215	13255*	46,0	34,5	13235	13275*
6	105	41,6	31,6	13216	13256*	48,6	36,6	13236	13276*
7	108	42,2	31,6	13217	13257*	49,2	36,6	13237	13277*
8	111	43,9	33,0	13218	13258*	50,9	37,9	13238	13278*
9	114	44,5	33,0	13219	13259*	51,5	37,9	13239	13279*
10	117	46,2	34,3	13220	13260*	53,2	39,3	13240	13280*
11	121	47,9	34,3	13221	13261*	54,0	39,3	13241	13281*
12	124	47,8	34,3	13222	13262*	54,7	39,3	13242	13282*

Information**INTENDED PURPOSE:**

the **EXACTA RS** 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. Device fixation is obtained by means of primary cementless press-fit stabilization.

MATERIALS:

Titanium Aluminium Niobium forged alloy (Ti6Al7Nb) ISO5832/11.

SURFACE FINISHING:

HaX-Pore®: double coating 300µm pure Titanium+50µm Hydroxyapatite $\text{Ca}_{10}(\text{OH})_2(\text{PO}_4)_6$ plasma sprayed

X-Pore: coating 300µm pure Titanium plasma sprayed

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 amendments.



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