



Taperloc[®] Complete Hip System

Brochure

Taperloc Complete Hip Stem

Zimmer Biomet's Taperloc Complete Hip System builds on the clinical history of the Taperloc Hip Stem. Launched in 1983, the Taperloc Hip Stem is over **40 years old and features** a wedge shape, titanium substrate, and proximally circumferential titanium porous plasma spray (PPS®) design.

The system comes with easy-to-use instrumentation that accommodates a variety of surgical approaches, and uses a simple broach-only surgical technique.¹



Taperloc Complete Microplasty Stem

The Taperloc Complete Microplasty stem is built upon the strong clinical heritage¹ of the Taperloc stem, incorporating the same design enhancements as the full length stem. This stem option has been shortened 35 mm **to better address minimally invasive techniques**, provide an alternative to femoral resurfacing and designed to offer a unique solution in cases where a **bone conserving** prosthesis is desirable.



Taperloc Complete Reduced Distal

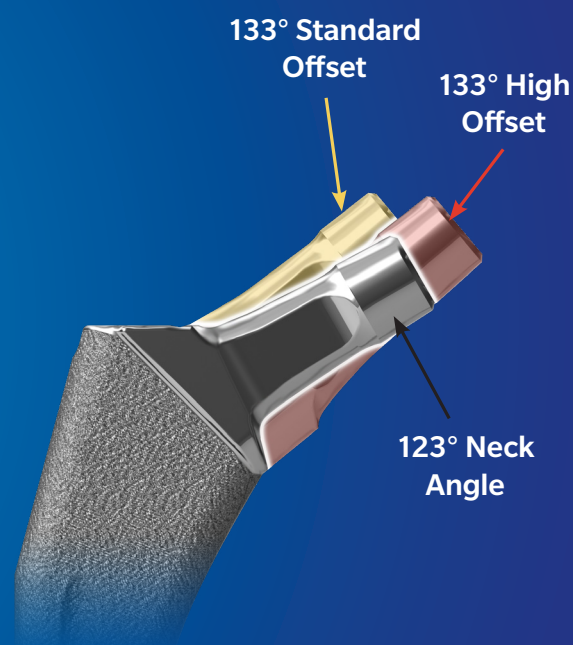
The Taperloc Complete stem features a reduced distal geometry in which a gradual reduction of the stem substrate occurs distal to the porous coating level, this enhances the proximal fill of the implant in the metaphysis.

This particular design helps to **address proximal/distal mismatch**, which is common in a Dorr Type A femur, by properly accommodating the proximal metaphysis without the need to fit a narrow distal femoral geometry. The Taperloc Complete Reduced Distal stem is based on the traditional Taperloc Reduced Distal stem which has been clinically successfully for over 16 years.⁸



Taperloc Complete XR 123° Stem

The Taperloc Complete XR 123° stem has the same stem geometry as the Taperloc Complete Full length and Microplasty stems, but provides a **123° degree neck angle** and a shortened neck length by 2 mm. These design features help to address femurs with a more varus neck or coxa vara femoral types by **allowing for additional offset** to properly restore hip biomechanics and soft tissue tensioning.



References

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