

Taperloc[®]

COMPLETE HIP SYSTEM



Taperloc Complete Hip System

The Taperloc Complete Hip System combines the **40+ year clinical heritage** of the Taperloc Hip Stem¹⁻⁵ with innovative design enhancements intended to help surgeons restore leg length, stability, offset, and range of motion.

The system features **cementless and cemented applications** utilizing a single, efficient instrumentation platform that accommodates a variety of surgical approaches, and uses a simple broach-only surgical technique.

Backed by the clinically proven Taperloc Hip Stem

29 Year Survivorship

90%

(82% – 95%) at 29 years for
any reason, any component
[Kaplan-Meier]⁴

29 Year Survivorship

100%

For aseptic loosening stem
[Kaplan-Meier]⁴

10 Year Survivorship

98.34%

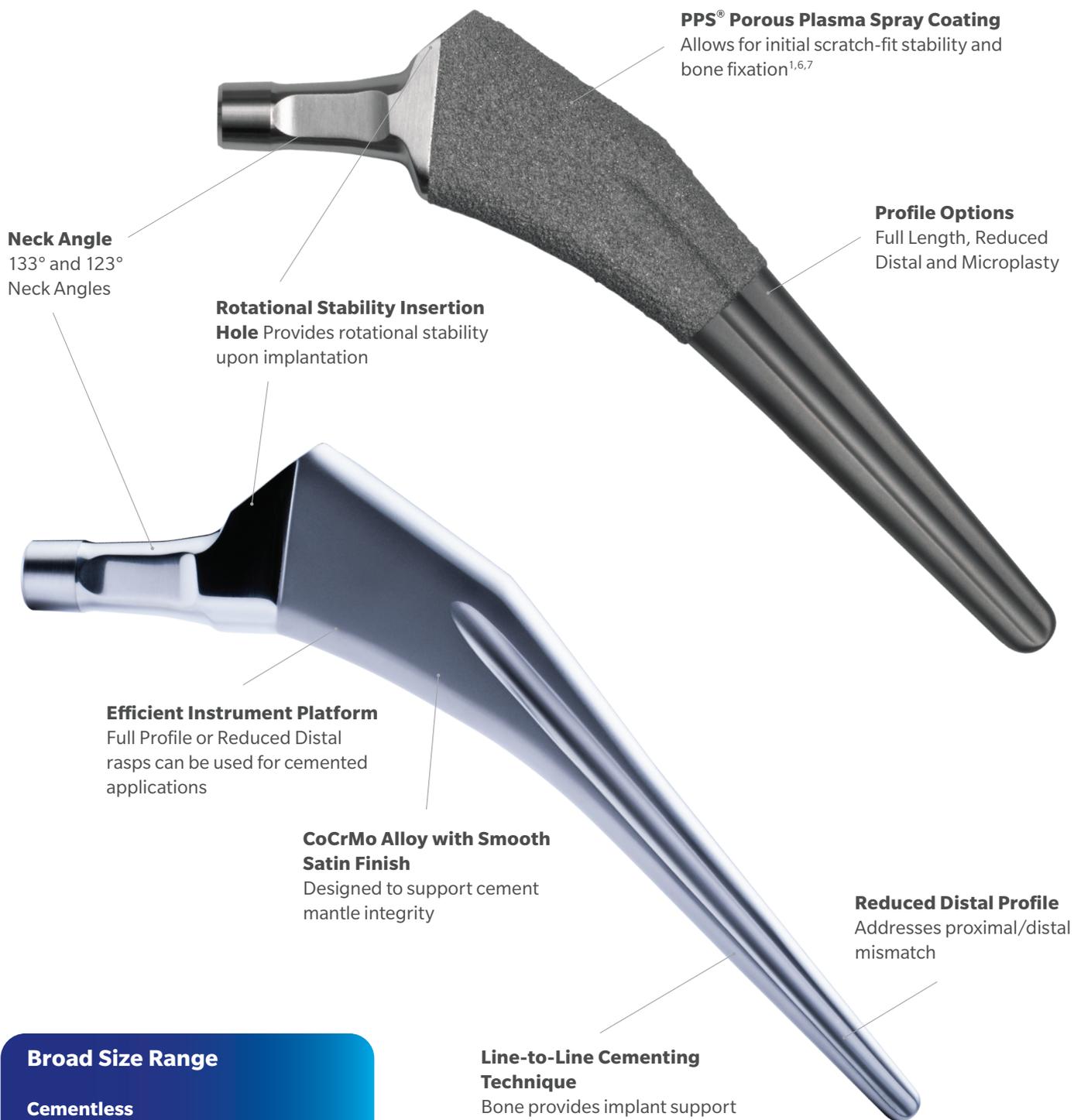
Kaplan-Meier for stem only⁵



Cementless and Cemented Designs

Tapered Wedge Geometry designed for proximal offloading, bone preservation and rotational stability.

Cementless and Cemented stems utilize the same offset management options - Standard, High-Offset, and XR123* - to reproduce various patient anatomies without lengthening the leg.



Broad Size Range

Cementless
Available in 18 sizes
4-18 mm (1 mm increments)
20-24 mm (2 mm increments)

Cemented
Available in 16 sizes
4-18 mm (1 mm increments) and 20 mm

*Cemented XR123 available only in Japan.

Taperloc Complete Microplasty Stem

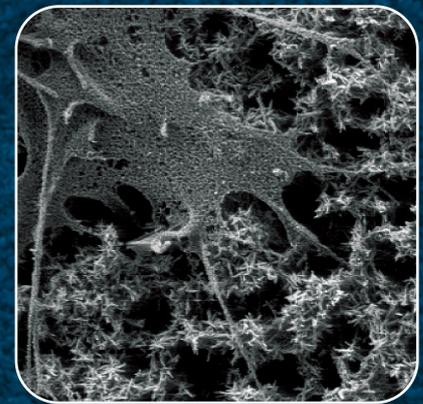
The Taperloc Complete Microplasty stem is built upon the strong clinical heritage¹ of the Taperloc stem, incorporating the same design enhancements as the full length stem. This stem option has been shortened 35 mm **to better address minimally invasive techniques**, provide an alternative to femoral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



BoneMaster™ Coating

BoneMaster is an advanced biomimetic coating technology with the biological benefits of hydroxyapatite and an enhanced needle-like nano-structure based on apatite crystals found in bone.

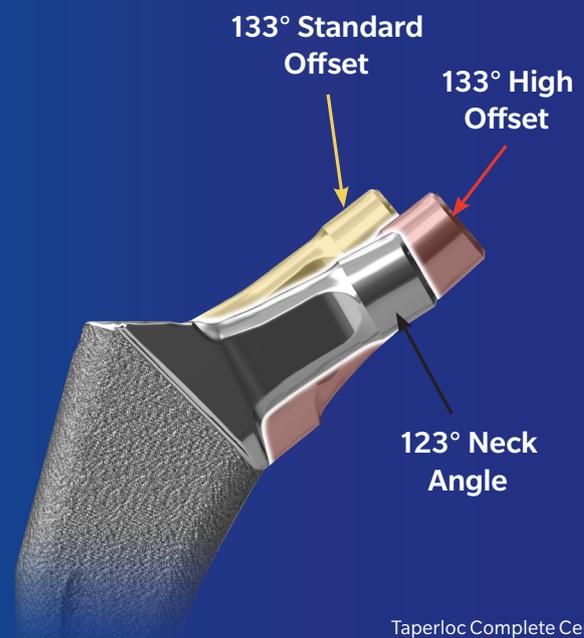
This technology provides enhanced implant stability,⁸ reduced fibrous in-growth⁸⁻⁹ and increased bone density.⁹⁻¹⁰



2µm
BoneMaster coating

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.



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