

ALTEON[®]

TAPERED WEDGE FEMORAL STEM



exactech

ALTEON® | TAPERED WEDGE FEMORAL STEM

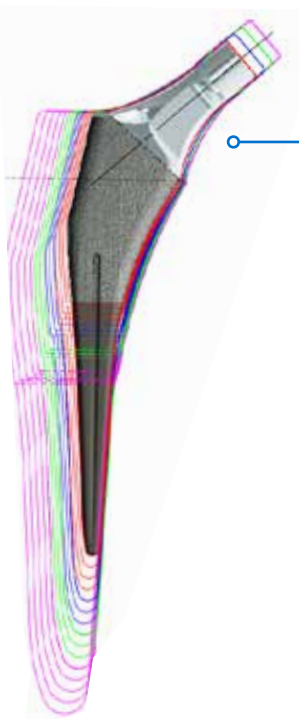
The Alteon® Tapered Wedge Femoral Stems incorporates specific design features to achieve immediate axial and rotational mechanical stability between the medial and lateral cortices of the femoral canal.

PROXIMAL/DISTAL GEOMETRY

Features an optimized overall length and proximal/distal sizing to achieve fixation in all primary femur types (Dorr A, B, C) without compromising the implant features or surgical technique.¹

INCREMENTAL SIZING

Neck: Four neck length groupings that adjust progressively with stem sizing. The system is designed to allow adjustment of stem offset without affecting leg length.



Stem: Intentionally grows at a smaller rate lateral and distal (in the smaller stem sizes) when compared to the previous generation wedge stems. Consequentially, the Tapered Wedge system offers more sizes, versus some second-generation stems, to accommodate a comparable size femur.

PLATFORM INSTRUMENTATION

This platform hip system features a set of common femoral instruments that can be used across multiple stems.

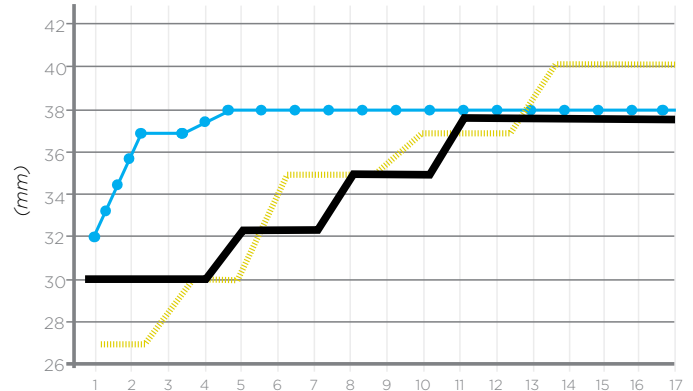
SCOPE & MATERIALS

- Stem scope includes sizes 1-17 (sizes 14-17 are optional)
- Standard and Extended offset
- All stems are press-fit and feature a Thermal Plasma Spray (TPS) coating on the proximal portion of the implant.

REFERENCES

1. **Data on File at Exactech.** TR-2013-039. Wedge Femoral Stem Template Study Report.

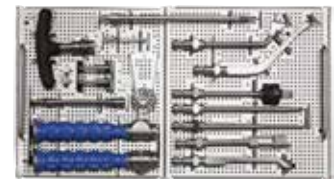
Standard Base Neck Length



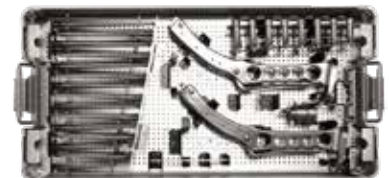
- **Alteon Tapered Wedge**
- *First-Generation Wedge (too long)*
- - - *Second-Generation Wedge (large jump between sizes)*



Alteon Common Femoral Instruments (Lower Level Tray)



Alteon Common Femoral Instruments (Upper Level Tray)



Alteon Tapered Wedge Instruments - Anterior Approach or all other approaches