



**TIDAL™ Osteotomy
Wedge System**

Anatomic Cotton Wedges

restor3d

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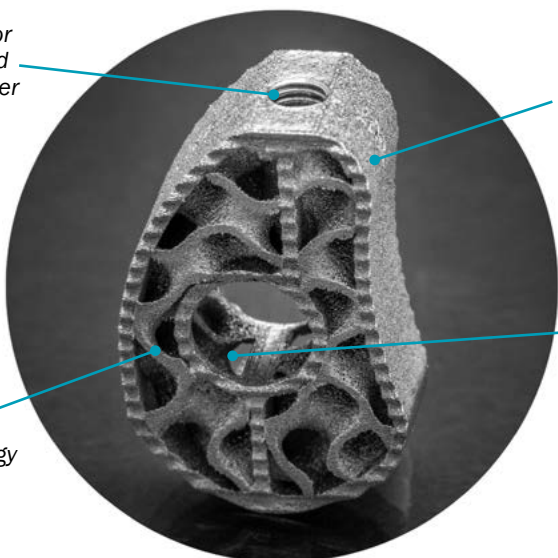
Anatomic Cotton Wedges are part of restor3D's TIDAL™ Osteotomy Wedge System designed for internal bone fixation for fractures or osteotomies in the ankle and foot. Anatomic Cotton Wedges provide a more biological shape for plantar flexion opening wedge osteotomies of the medial cuneiform. Manufactured using laser powder bed fusion of medical grade titanium alloy, a variety of thicknesses are provided to accommodate differences in patient anatomy.

Threaded hole for use with restor3d single-use inserter

Hierarchical surface topography provides expulsion resistance

Featuring proprietary porous technology that encourages better fusion

Central aperture for the packing of graft material



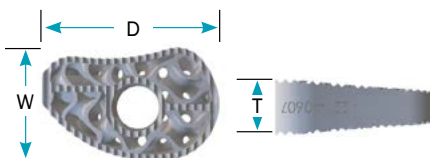
Available in multiple thicknesses to accommodate various patient anatomies

Sizing Options

Anatomic Cotton Wedge

WIDTH (MM)	DEPTH (MM)	THICKNESS* (MM)
14mm	22mm	5mm-8mm

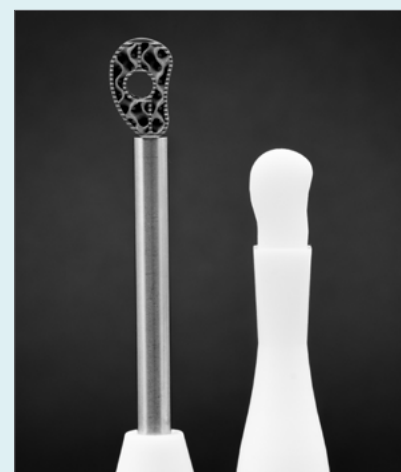
*Thickness of Anatomic Cotton Wedges are in 1mm increments.



Cotton (opening wedge) osteotomies of the medial cuneiform

Disposable Instrumentation

Instrumented with single-use, sterile-packed trials and inserters that ensure appropriate size selection and implant placement.



TIDAL Technology

Optimized porous architecture designed for osseointegration.

- 100% Interconnectivity and up to 80% porosity¹
- Mesoscale pores support graft retention and bony ingrowth²
- Direct bony apposition to implant surface guided by surface topography and curvature demonstrated in preclinical model^{2,3}

1. Kelly, et al. *Acta Biomaterialia* (2019) 94, 601-626.
 2. Kelly, et al. *Journal of the Mechanical Behavior of Biomedical Materials* (2021) 116, 104380.
 3. Kelly et al. *Biomaterials* (2021) 279, 121206.

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