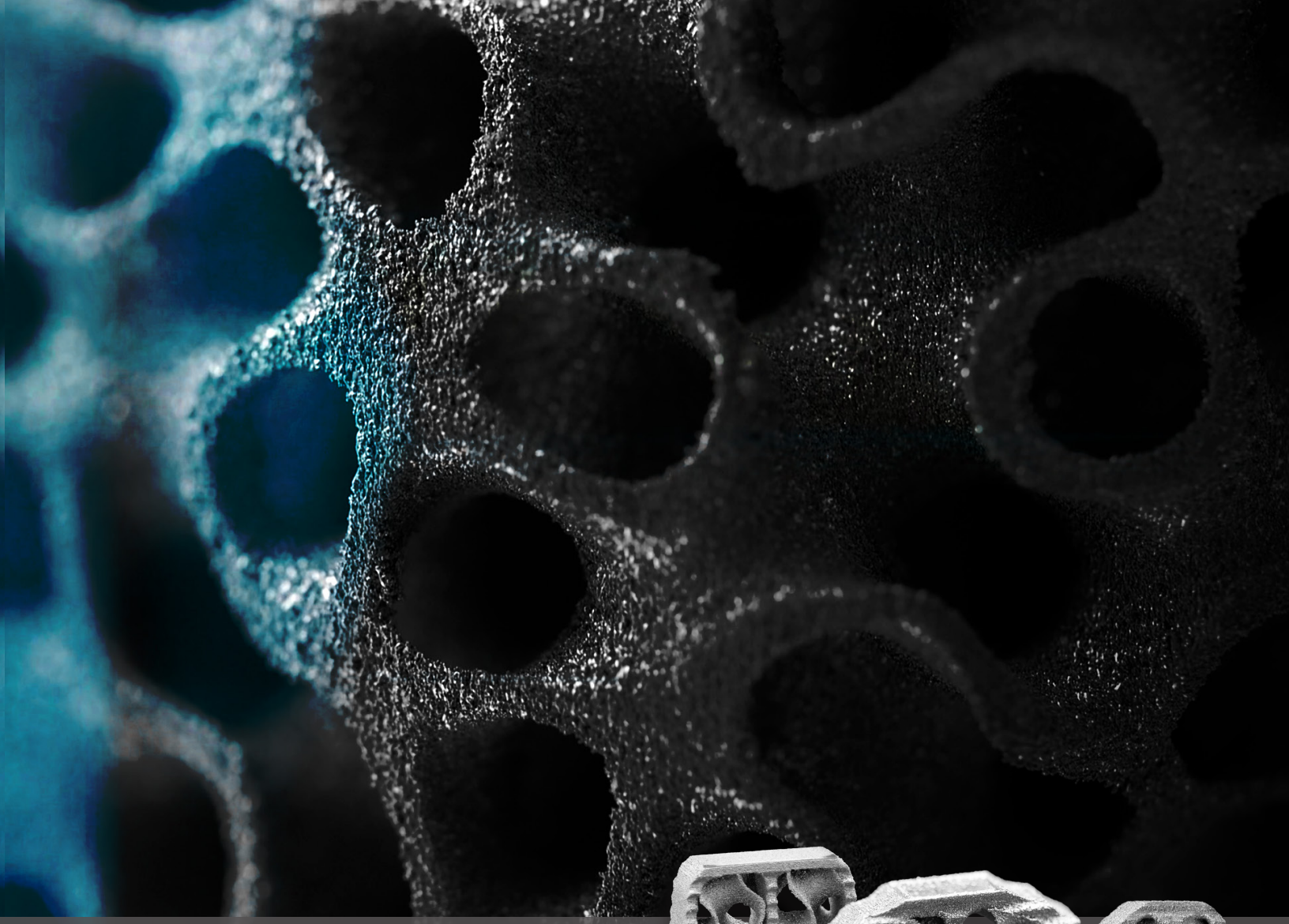


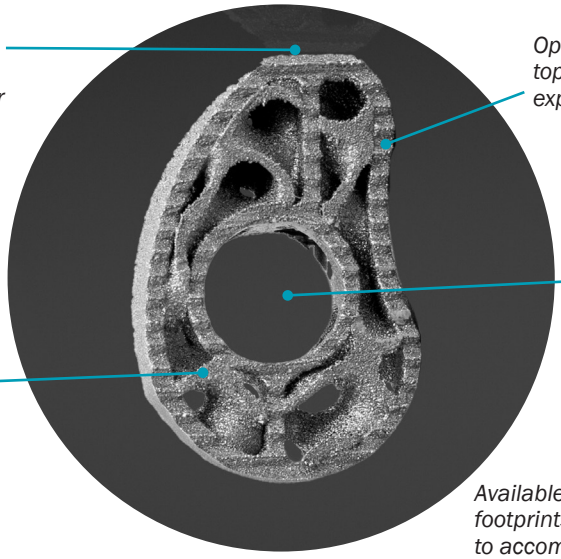
TIDAL™ Osteotomy Wedge System

Cotton Wedges

restor3d

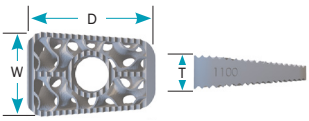
TIDAL™ Osteotomy Wedge System

restor3D's TIDAL™ Osteotomy Wedge System is designed for internal bone fixation for fractures or osteotomies in the ankle and foot. The Cotton Wedges are for plantar flexion opening wedge osteotomies of the medial cuneiform. Manufactured using laser powder bed fusion of medical grade titanium alloy and are available in a variety of footprints and thicknesses to accommodate varying in patient anatomy.



Sizing Options

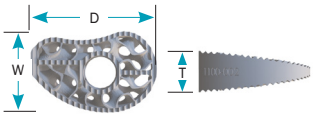
Standard Cotton Wedge



WIDTH (MM)	DEPTH (MM)	THICKNESS* (MM)
14mm	16mm	4mm-6mm
14mm	20mm	4mm-6mm

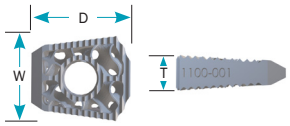
**Thickness of Standard Cotton Wedges are in 1mm increments.*

Anatomic Cotton Wedge



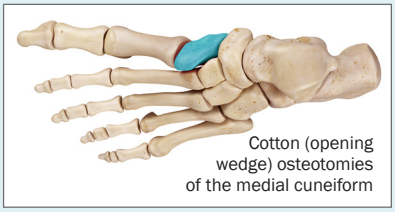
WIDTH (MM)	DEPTH (MM)	THICKNESS (MM)
12mm	18mm	5mm, 6mm, 7mm, 8mm, 10mm, 12mm
14mm	22mm	5mm, 6mm, 7mm, 8mm, 10mm, 12mm

Standard Cotton with Bevel



WIDTH (MM)	DEPTH (MM)	THICKNESS* (MM)
14mm	16mm	4mm-6mm
14mm	20mm	4mm-6mm

**Thickness of Standard 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% porosity[1]
- Mesoscale pores support graft retention and bony ingrowth[2]
- 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.*

restor3d

Durham, NC
Phone: (984) 888-0593
Email: customerservice@restor3d.com
www.restor3d.com

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician.
© 2022 restor3d, Inc. Marks noted with ® or TM are trademarks of restor3d, Inc. Other marks mentioned herein may be trademarks of restor3d, Inc. or of their respective owners. Patents: www.restor3d.com/patents. All Rights Reserved.
Printed in the USA. MKG-002 Rev 01 OCT2022