

fuse ORBITUM™

STAPLE SYSTEM

*True Bone
Compression*



5X Greater
PULL OUT
Resistance

Than comparable staples

* Data on file with Fuse Medical

Compression Staple System



A NEW WAY TO COMPRESS

- **Multi-axial mechanical compression**
- **Unique delivery system** for soft and hard bone
- **Enhanced geometries** for superior bone purchase
- **5X greater pull-out resistance** than comparable staples
- **Titanium Ti-6AL-4V-ELI**, appropriate for nickel sensitive patients

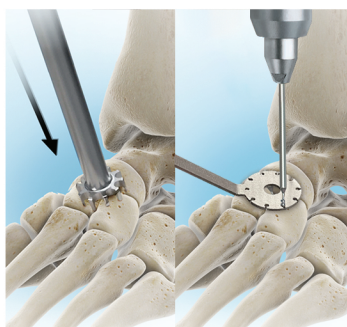


Surgical Technique



STEP 1 - Implant Size Selection

Use Intraoperative Sizer to determine appropriate size, position, orientation and configuration of staple.



STEP 2 - Hole Preparation - Punch Method
Use corresponding size Punch for implant selected. Align points for desired orientation of the implant. Mallet the punch to pierce the cortex with the points.

Optional Drill Method - Instead of Punch, use Drill to pierce the cortex through all holes required in corresponding size Drill Template.



STEP 3 - Initial Insertion

Load staple onto corresponding size Inserter. Align legs with the pre-drilled holes in the previously determined orientation. Impact Inserter with mallet until monocortical spikes make contact with the bone. Remove inserter.

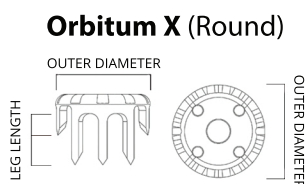


STEP 4 - Final Seating

Perform final seating using the Tamp, mating the tapered nose of the Tamp with chamfer of the implant's center hole, or by tapping around bridge of the implant with Tamp until implant firmly enters the bone.

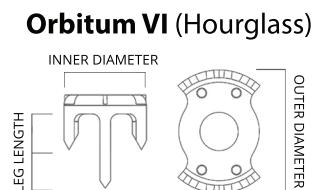
Staple Dimensions

ALL DIMENSIONS IN MILLIMETERS



Orbitum X (Round)

Outer Diameter	12	16	20
Bridge Thickness	1.25	1.65	2.05
Long Leg Length	7.5	10	12.5
Short Leg Length	3.75	5	6.25
Leg Thickness (width x depth)	1.1 X 1.2	1.4 X 1.05	1.75 X 1.3



Orbitum VI (Hourglass)

Diameter (outer x inner)	12 X 8	16 X 10.7	20 X 13.35
Bridge Thickness	1.35	1.65	2.05
Long Leg Length	7.5	10	12.5
Short Leg Length	3.75	5	6.25
Leg Thickness (width x depth)	1.25 X 1.0	1.65 X 1.0	1.75 X 1.3

FOSB-001 Rev A DC-0088

Fuse Medical, Inc.

1565 N. Central Expressway, Suite 220
Richardson, TX 75080
469.862.3030

info@fusemedical.com
www.fusemedical.com

"Pat. No. 9,649,108; D 851250; Other Patents Pending".

Compression Staple System