

# OSStaple™

A Part of the Patented OSSforce™ Fixation System\*

the highest performance

Easy, Fast and Reproducible Results

Surgeon can Control the Rate & Amount of Compressive Force Applied to Bone Using the Patented OSSforce™ Implant Controller\*

Surgeon can Visualize Compression and Determine Stability Prior to Closure

Provides Long-Term Residual Compression to Complement Wolff's Law

100% Fusion Interface Available for Healing

20% Stronger than 316L Stainless Steel When Activated

\*U.S. Patent Number 7,240,677.  
Additional patents pending.



**BME**

Changing the Shape  
of Orthopaedics

# OSStaple™

The BME OSStaple™ is part of the most advanced orthopaedic shape memory fixation system available. This extraordinary implant not only compresses bone at the time of surgery, but continues to provide long-term active reduction of bone fragments to assist in bone healing.

The cornerstone of this system is the patented OSSforce™ Implant Controller, BME's bipolar electrical device that safely heats the OSStaple™ causing the implant to change shape and compress bone. The unique OSSforce™ Implant Controller enables surgeons to control the timing of implant activation, the amount of compressive force the implant applies to bone, and the rate at which that compression occurs.

With the OSStaple™, the OSSforce™ Implant Controller and simple instrumentation, the OSSforce™ Fixation System gives you nothing less than the highest performance.

## Common Procedures Using the OSStaple™:

### Foot:

- Hallux IPJ Fusion
- 1st MPJ Fusion
- Akin Osteotomy
- Chevron Osteotomy
- 1st Metatarsal Cuneiform Fusion
- Lisfranc Fusion
- Triple Arthrodesis
- Evans & Dwyer Osteotomies

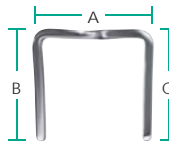
### Hand & Wrist:

- Intercarpal Fusions
- CMC Fusion
- PIP & DIP Fusions

### Other:

- Epiphysiodesis
- Fracture Fixation

OSStaple™  
Sizing Chart



Wire Size*	Catalog No.	A*	B*	C*
1.2 x 1.2	OS-0705 W1.2	7	5	5
	OS-0907 W1.2	9	7	7
1.5 x 1.5	OS-0705 W1.5	7	5	5
	OS-0907 W1.5	9	7	7
	OS-1108 W1.5	11	8	8
	OS-1110 W1.5	11	10	10
	OS-1310 W1.5	13	10	10
	OS-1512 W1.5	15	12	12
	OS-111513 W1.5	11	15	13
	OS-111715 W1.5	11	17	15
2 x 2	OS-111917 W1.5	11	19	17
	OS-1512 W2	15	12	12
	OS-181815 W2	18	18	15
2 x 3	OS-2020 W2	20	20	20
	OS-2522 W2x3	25	22	22
	OS-3030 W2x3	30	30	30

\*All sizes in millimeters.  
Additional sizes and shapes available from BME.

## The Patented OSSforce™ Fixation System†:



OSStaple™



OSSforce™  
Implant Controller



## Instrumentation