

# SuperScaffold™

## Intramedullary Fixation System

### STABLE

Dynamic compression and  
multiaxial fixation prevent rotation

### SIMPLE

ZeroPrep™ pre-loaded insertion  
system with instantly active implant

### VERSATILE

Cannulated for Kirschner-wire  
compatibility

### FUSION

Optimized fusion interface  
for bone in-growth



**METRIC®**  
BRINGING BONES TOGETHER™

# SuperScaffold™ Design Features



**A**

**B**

**C**

**D**

**E**

**A Hollow Scaffold**

- Allows bone in-growth
- K-wire compatible for adjacent joint stabilization
- Maintains intramedullary canal

**B Proprietary Nitinol Memory Alloy**

- Instantaneously active
- High bone fixation forces

**C OmegaBow™**


- Expands to stabilize
- Contracts to pull proximal and distal bones together
- Provides continuous compression

**D Bone Anchors**

- Lock into bone and provide multiaxial fixation
- Allow for compression at osteotomy

**E ZeroPrep™ Pre-loaded Insertion System**

- Simple push-in technique
- Disposable instrumentation
- Room temperature storage
- No activation required



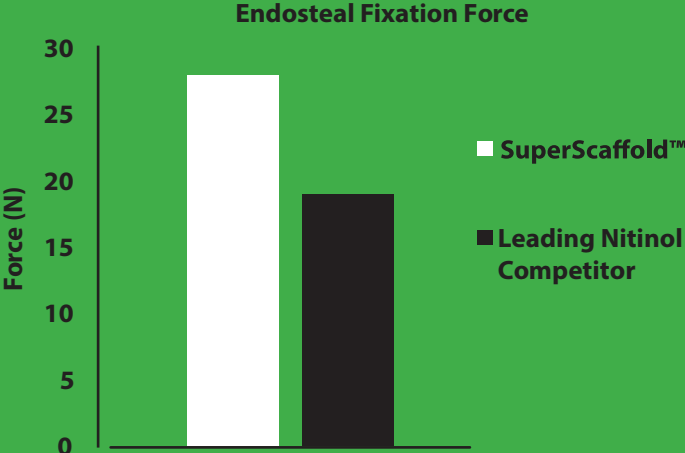
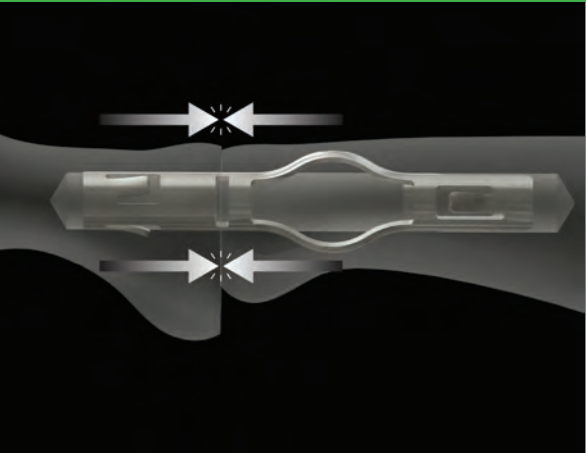
**E**

# The ONLY Interdigit Fixation System to Offer Both:

## Dynamic Axial Compression

## Stabilizing Fixation

- Continuous compressive forces on the fusion interface
  - Maintains bone on bone contact
  - Only product to compensate for normal bone resorption
- OmegaBow™ and bone anchors provide multi-axial stabilization
  - Prevents axial rotation



Wolff's Law: Applying mechanical forces strengthens bone by stimulating cellular growth.

	ST	HL	Metric SuperScaffold™
Contracting forces at osteotomy			✓
Bone conducting scaffold			✓
Cannulated for k-wire compatibility			✓
Rotational stability	✓	✓	✓
Single drill procedure - no broaching			✓
Activates at room temperature		✓	✓
All-in-one procedural kit			✓
Pre-loaded insertion instrument		✓	✓

Breakthrough design for *superior fixation* and bone healing

# Maximized Fusion Interface

ST

HL

SuperScaffold™

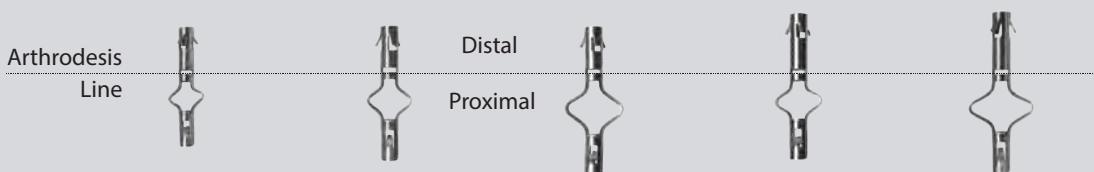
43% Less Fusion Interference

70% Less Fusion Interference



## SuperScaffold™ PRODUCT SIZING GUIDE

NOTE Implants actual size: 1.1mm K-wire compatible



Part #	2265L3	2565S3	2565L3	2585S3	2585L3
	<b>S</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>
Drill Bit (mm):	2.2	2.7	2.7	2.7	2.7
Distal Length (mm):	6.5	6.5	6.5	8.5	8.5
Proximal Length (mm):	11.0	14.0	17.0	14.0	17.0
Contraction (mm):	1.0	2.0	3.0	2.0	3.0
F Expansion (lbf):	3.5	3.8	2.5	3.8	2.5
F Compression (lbf):	5.5	7.5	7.5	7.5	7.5

We bring you superior fixation,  
Learn more at [MetricMD.com](http://MetricMD.com)

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(830) 535-6300

U.S. Federal Law restricts this device to sale by or on the order of a physician  
SuperStaple™ Patents 9,743,926; 9,339,268; 9,017,331; other patents pending  
SuperScaffold™ Patents 9,907,585; other patents pending



SuperStaple™

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A02-001-02 (IR)



# SuperStaple<sup>TM</sup>

## Nitinol Bone Fixation System

### STABLE

High strength and force insure  
stable fixation

### SIMPLE

ZeroPrep<sup>TM</sup> pre-loaded insertion system  
with instantly active implant

### VERSATILE

Sizes for all fore, mid, and rear foot  
reconstructions

### FUSION

Dynamic compression  
for bone healing



**METRIC<sup>®</sup>**  
BRINGING BONES TOGETHER<sup>TM</sup>

# SuperStaple™ Design Features



## Patented SigmaArc™

- High strength and compression forces
- Low bone profile minimizes tissue disruption
- Contracts to bring bones together
- Most uniform compression available

## ZeroPrep™ Pre-loaded Insertion System

- Simple push-in technique
- Disposable instrumentation
- Room temperature storage
- No activation required
- Minimally invasive procedure



### Product Sizes

**S**

P/N 21401

Dimensions: 9 x 9 x 9 1.5mm

Compression Force: 8.2 lbf

P/N 16801

Dimensions: 11 x 10 x 10 1.5mm

Compression Force: 10.9 lbf

P/N 16901

Dimensions: 11 x 13 x 15 1.5mm

Compression Force: 11.3 lbf

P/N 17001

Dimensions: 13 x 10 x 10 1.5mm

Compression Force: 9.6 lbf

P/N 17101

Dimensions: 15 x 12 x 12 1.5mm

Compression Force: 10.9 lbf

**M**

P/N 17201

Dimensions: 15 x 12 x 12 2.0mm

Compression Force: 13.5 lbf

P/N 17301

Dimensions: 18 x 18 x 15 2.0mm

Compression Force: 16.3 lbf

P/N 17401

Dimensions: 20 x 20 x 20 2.0mm

Compression Force: 18.6 lbf

**L**

P/N 17501

Dimensions: 20 x 20 x 20 2x3mm

Compression Force: 21.4 lbf

P/N 22001

Dimensions: 25 x 25 x 25 2x3mm

Compression Force: 26 lbf

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A01-008-01 (J)

**METRIC**  
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# SuperStaple™

## For the Foot and Ankle

Sizes for All Rear, Mid, and Forefoot

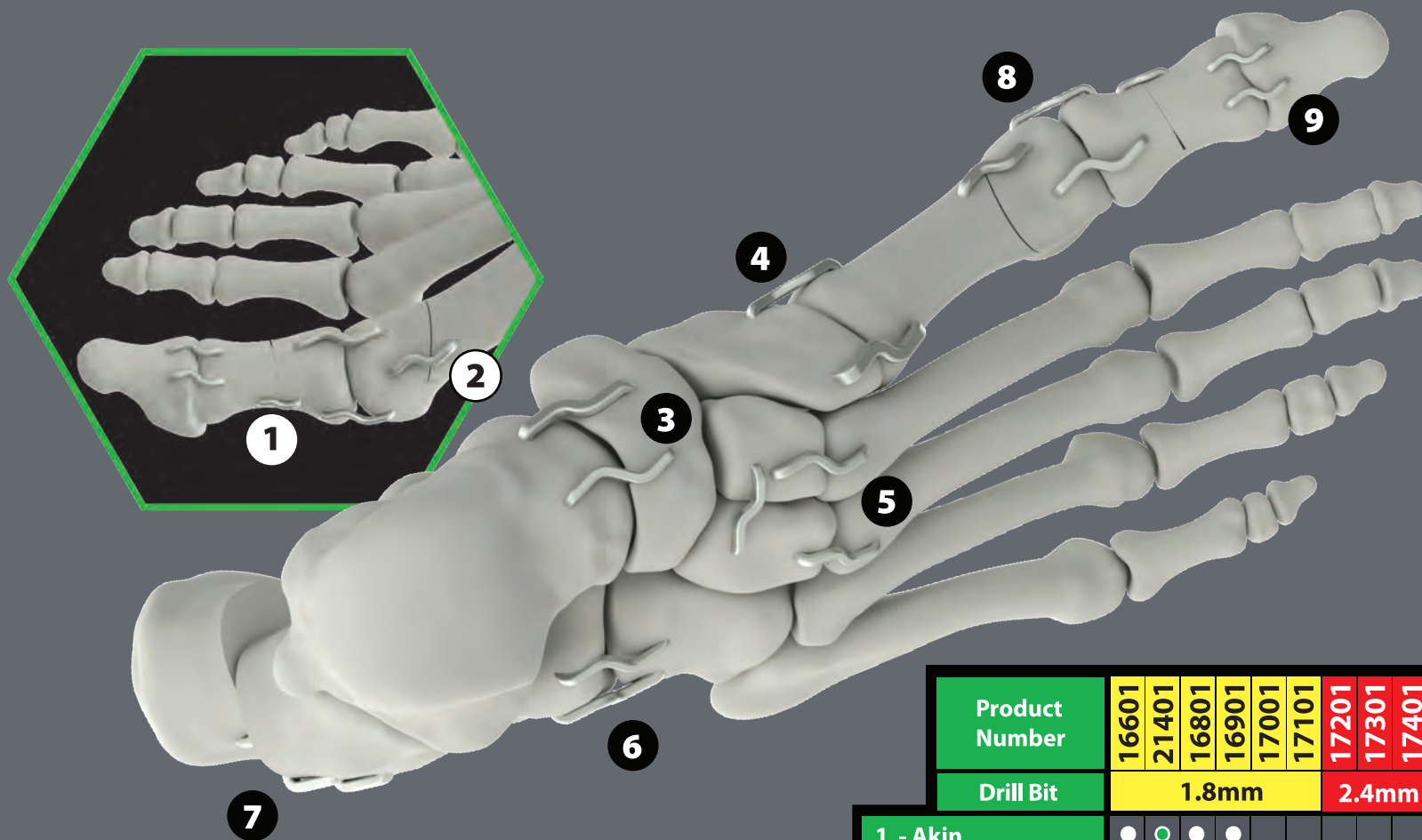
High Instantaneous Compression

Minimally Invasive Procedure

Optimized for Fusion







# SuperStaple™

## Common Procedures

Product Number	16601	21401	16801	16901	17001	17101	17201	17301	17401	17501	22001	20063	20083	20103
Drill Bit	1.8mm						2.4mm			3.0mm				
1 - Akin	●	○	●	●										
2 - Chevron/Austin				●	●	○								
3 - Talonavicular								●	●	○	●			
4 - Lapidus							○	●	●	○				
5 - LisFranc						○	○	●	●	●				
6 - Calcaneocuboid								○	●	○				
7 - Calcaneal							●	●	●	○	●	●	○	●
8 - Hallux						●	○	○			●			
9 - IPJ		○	●											

Disclaimer: Sizes are based on common surgical observations, implant selection is at the physician's discretion

○ = most common  
● = optional

SuperStaple™ Patents 9,743,926; 9,451,957; 9,339,268; 9,017,331; other patents pending  
SuperSTEP™ Patents 8,721,646 B2; 9,451,955 B2  
Device is Limited to Use By or Sale To a Licensed Physician