

# OsteoCentric®

## Integrated Locking Proximal Humerus System

**UnifiMI®** technology resists multi-planar and multi-directional loads through Mechanical Integration.

**UnifiMI®** is designed to engage twice as much bone when loaded in any direction as compared to standard screws.

**UnifiMI®** 4.0mm screw fastener improves bone capture and engagement in good and compromised bone.



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## 4.0mm Fasteners

### Part Numbers

340-6014 to 340-6060

### Lengths

14-60mm, 2 mm increments

## 4.0mm Fastener Instruments

### Part Numbers

110103  
120005  
120007

### Description

2.5mm Hex Driver w/AO Adapter  
2.8mm Drill 165mm, Calibrated  
4.0 x 110mm Standard Tap

## 3.5mm Fasteners

### Part Numbers

335-1010 to 335-1050  
335-1055  
335-1060

### Lengths

10-50mm, 2 mm increments  
55mm  
60mm

## 3.5mm Fastener Instruments

### Part Numbers

110013  
110014  
110028  
110444  
110103

### Description

2.5mm Drill Bit 110mm  
2.5 x 145mm Drill Bit  
3.5mm Drill Bit  
3.5mm Tap  
2.5mm Hex Driver w/AO Adapter

## Proximal Humerus Plates

### Part Numbers

316-03-090  
316-05-115  
316-07-140

### Number of Holes

3  
5  
7

### Length (mm)

90mm  
115mm  
140mm

## Other Instruments

### Part Numbers

110205  
110302  
110310  
110500  
110522  
110702  
120001  
120002  
120003  
120004  
120006  
120008  
120009  
120010  
120011  
130010

### Description

Depth Gauge, 60mm  
Silicone Handle, AO QC, 25mm x 135mm  
QC T-Handle  
Countersink  
3.5mm/2.5mm Universal Drill Sleeve  
2.5mm Hex Driver with Silicone Handle  
K-Wire Sleeve  
Drill Sleeve  
Screw Insertion Sleeve  
Wire Depth Gauge  
Threaded Drill Guide  
Metaphyseal Drill Guide  
1.5Nm Torque Limiter  
3.5mm Hex Driver  
Metaphyseal Drill Guide, Short  
1.60, K-wire, Trocar, Smooth, 150mm

### References:

DeBaun, M., Swinford, S., Chen, M., Thio, T., Behn, A., Lucas, J., Bishop, J. and Gardner, M., 2020. Biomechanical comparison of bone-screw-fasteners versus traditional locked screws in plating female geriatric bone. *Injury*, 51(2), pp.193-198.

Ha Vo, Lawrence Webb, Bich Nguyen, Trung Le, "SMV Orthopedic Company Bone-Screw-Fastener Resistance Against Multi-Directional Forces and Bending Moments", Orthopaedic & Tissue Mechanics Laboratory, Mercer University, Date of the Study.



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