

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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TECHNOLOGIES

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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