



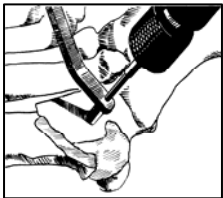
M3-X Lag Screw
Extremity Fixation System

Surgical Technique Guide

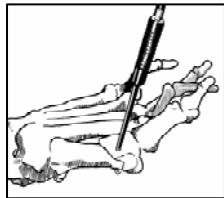
Instructions for Use

Osteomed M3-X Lag Screws

1. Place a bone clamp to create the necessary compression across the osteotomy or fusion site (when applicable). **Note:** This step is very important in arthrodesis and in very dense bone, as the axial force necessary for inserting the lag screw could temporarily distract the fragments at the fracture/arthrodesis line.
2. With the assistance of the drill guide, drill appropriate diameter pilot hole according to the screw size.
3. Insert the depth gauge until it passes through the distal cortex. Retract the stem until the lip of the device catches onto the distal cortex. Slide the sleeve of the instrument until it is flush against the bone. The measurement can be read on the flat of the device.
4. Countersink if necessary.
5. Retrieve the chosen screw from the VisiDisk with the appropriate driver stem and insert lag screw.
6. Drive the screw to compress the osteotomy.



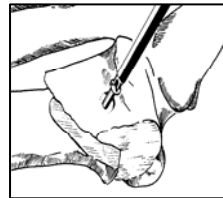
Step 2



Step 3



Step 4



Step 5



Step 6

Screw and Pilot Drill Specifications

Major Thread Diameter	Minor Thread Diameter	Thread Pitch	Smooth Shank Diameter	Head Diameter	Head Height	Pilot Drill	Lengths Available (2mm increments)
1.2	0.7	0.5	1.0	2.1	0.8	1.0	6-16mm
2.0	1.2	1.0	1.4	3.0	1.2	1.3	8-22mm
2.4	1.3	1.2	2.0	3.6	1.4	1.8	10-32mm
3.0	1.6	1.5	2.2	4.4	1.8	2.0	12-36mm