

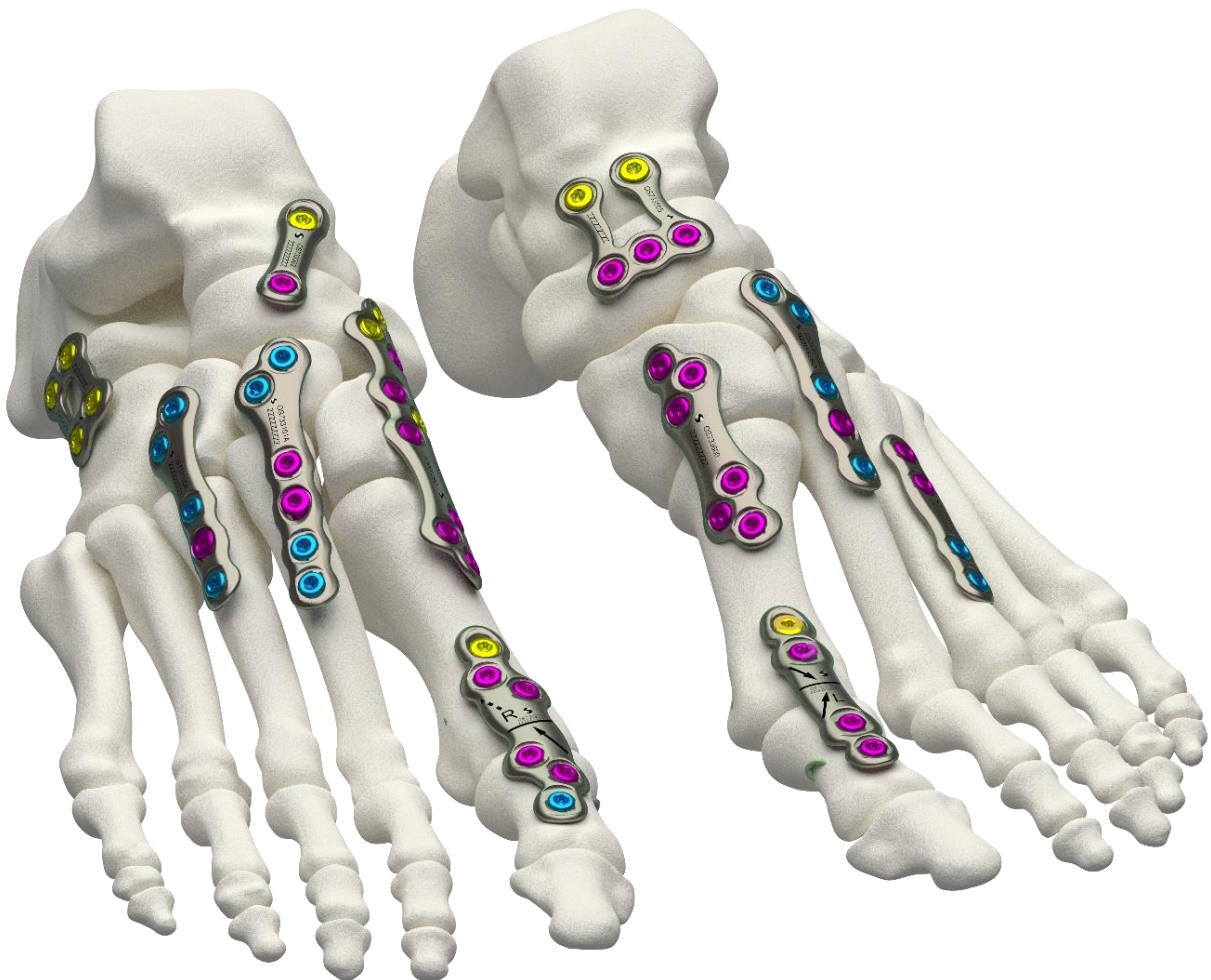
VOLITION™

PLATING SYSTEM

Foot Plates

featuring

V-Lock™ Technology



OrthoSolutions
Group

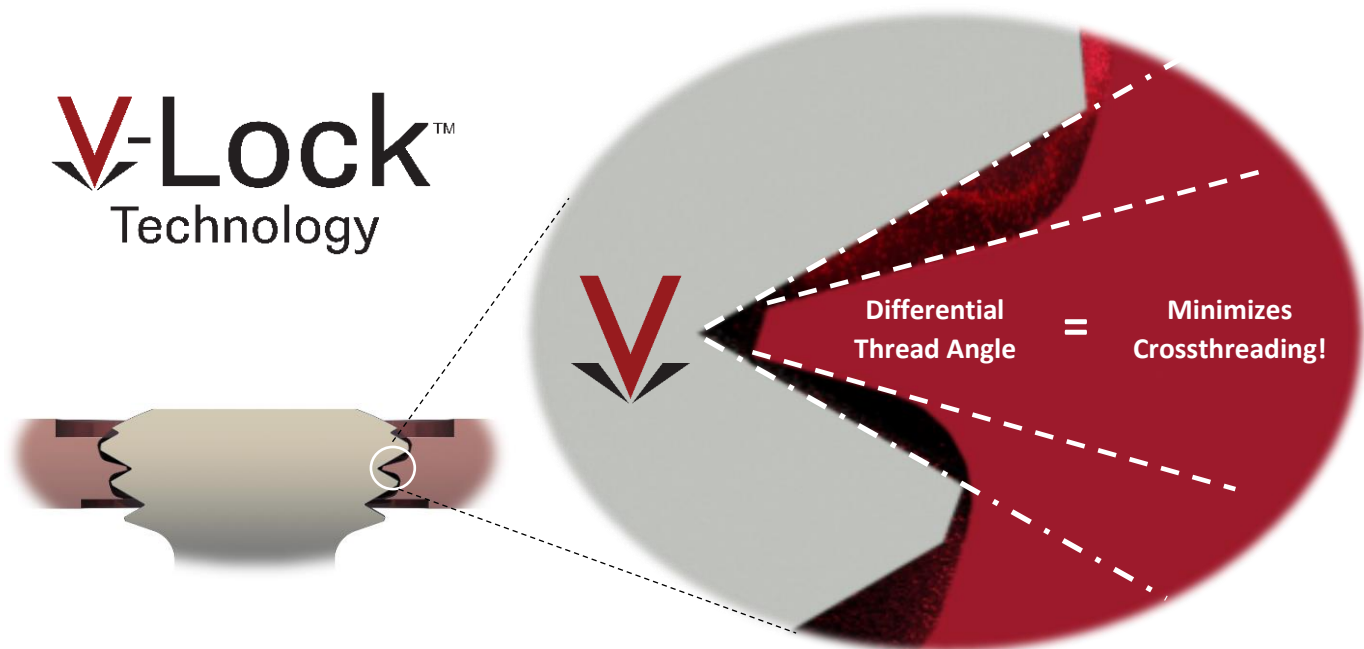


Advantages of VOLITION™ Plating:

- Type II anodized plates **increases fatigue strength** by roughly 25% compared to Type III, thereby **reducing risk of device fracture**
- Type II anodize plates produce anti-galling properties + Type III anodize screws result in **minimizing cold-welding for easier implant removal**, if required
- Utilization of V-Lock™ Technology minimizes cross-threading between an off-axis locking screw and plate thereby **increasing overall construct strength**
- **Optimization of plate strength** by not needing to utilize softer plate material/alloy which allows screws to plastically deform/tap into it
- **Preservation of debris-free wound site** as no implementation of screw coating. Some coatings, such as a TiN coat, enable metal-tapping of the plate, and can flake off over time leaving debris
- Generous fillets creating soft edges and transitions on the plates along with ultra-low profile nature result in **minimizing the likelihood of soft tissue irritation**

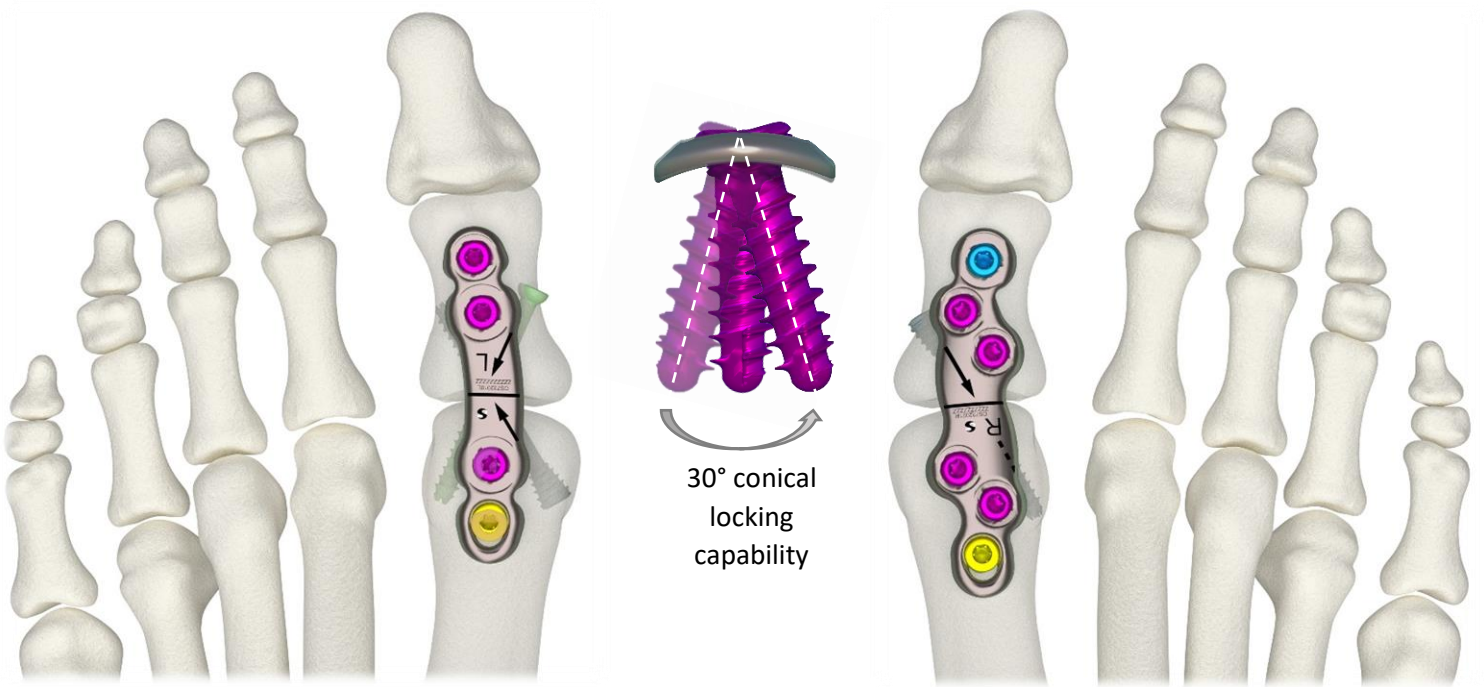
Advantages of V-Lock™ Technology:

- Patent-pending plate/screw interface allows smooth, **easy locking** on or off-axis
- Proprietary technology (PCT/US19/60895)_incorporates a differential thread angle at the interface, allowing variable axis locking with **minimal cross-threading**
- **Minimizes pushing of the screw** away from desired trajectory and towards perpendicular upon insertion
- **Decreased propensity to strip** plate/screw interface due to minimal cross-threading



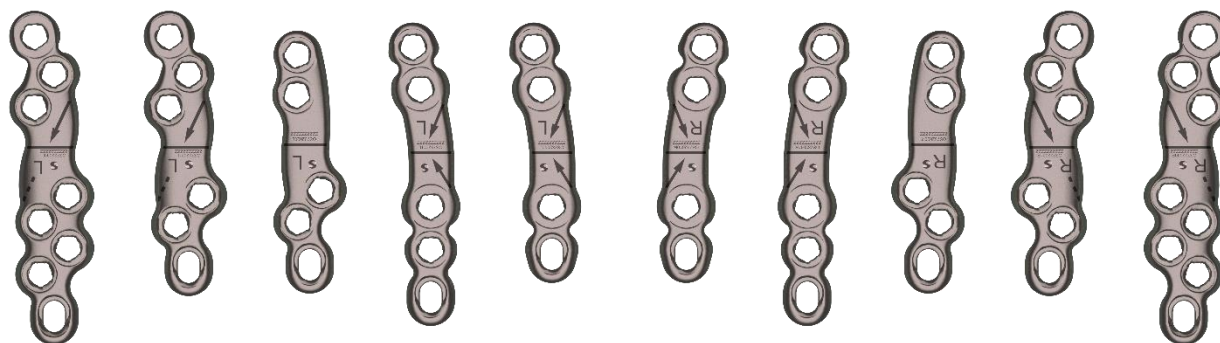
VOLITION™ Screw Features:

- Ø2.7, Ø3.5 & Ø4.0mm screw diameters offered can be used in non-lock, fixed angle lock and variable angle locking (30° conical capability) modalities
- Self-tapping, yet blunt tip **minimizes potential soft tissue irritation**
- NL screw design of cancellous-type OD/ID ratio with hybrid-type pitch **producing an increased purchase**
- Cheater's lag/bite upon insertion satiates tactile feedback; tapered ID in the neck **significantly increases bending strength**
- Ø3.5mm cannulated screws housed within set for additional fixation needs

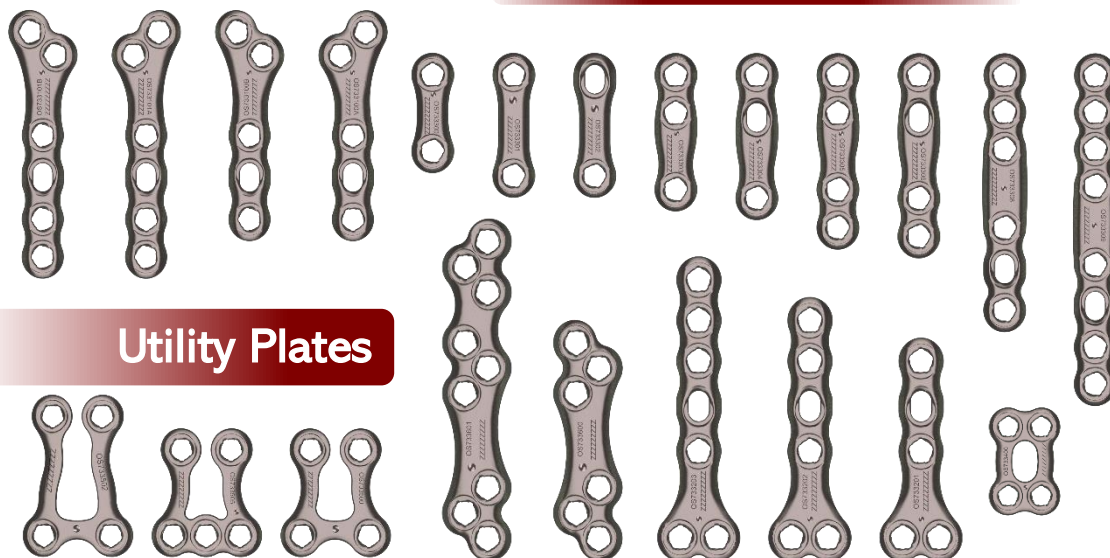


VOLITION™ Foot Plate Features:

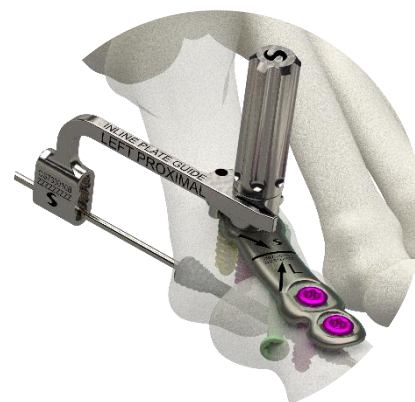
- Volition™ Anatomic MTP/MPJ plates
 - Patent-pending designs (US 29/782,603)
 - Five variations within the family satisfying surgeon preference and patient need's
 - Patent-pending targeting guide for cross-screws (US 63/059,439) allows surgeon preference to shoot it proximal -> distal or distal -> proximal
 - Proprietary design of in-line plate actual offers ability to shoot cross-screws in both orientations in conjunction with the plate for superior rigidity with minimal hardware
- Volition™ Simple plates
 - Ten variations within the family provide ample options
 - Available in dynamic or static options in 2, 3, 4, 6 & 8 hole plates
- Volition™ Split & Box plates
 - Patent-pending designs (US 29/782,614)
 - Unique independent leg flexion of the Split-Plates allows superior contourability across atypical anatomy
- Volition™ T & Y plates
 - Seven variations within the family provide ample choices
 - Each plate variant includes dynamic compression slots
- Volition™ Universal Plates
 - Offered in Short and Long variants



MTPJ Fusion Plates



Utility Plates



OrthoSolutions
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Rx only

Caution: Federal Law (USA)
restricts this device to sale by
or on the order of a physician

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Consult
instructions
for use

CE
2797²



Surgeon must be
fully trained in the
surgical technique

² CE marking and the notified body number is applied per part number and
appears on the device packaging, or the device if applicable.