

stryker®

Osteosynthesis

T2™

Proximal Humeral Nail

Proximal Humeral Nailing System



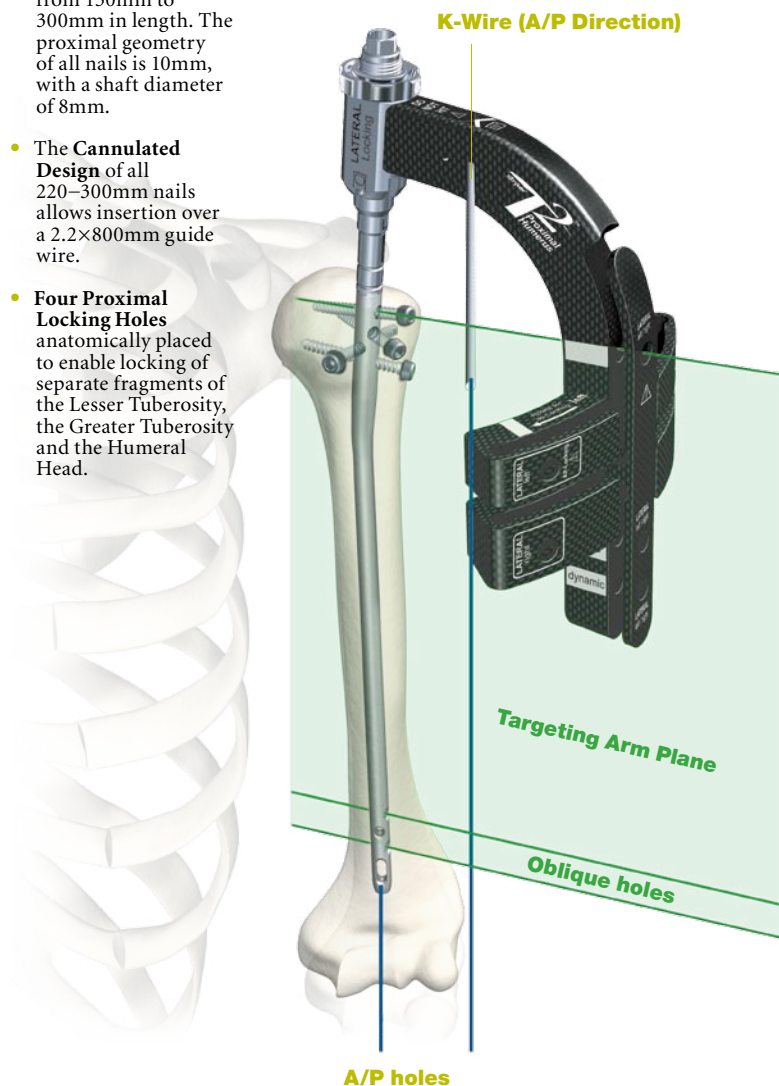
T2™

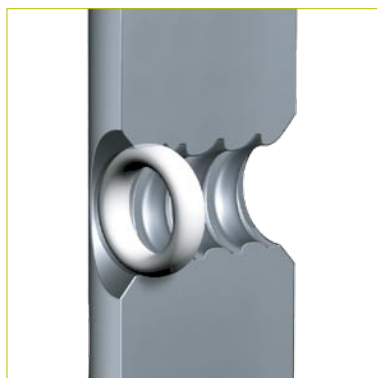
Proximal Humeral Nail

The **T2™ Proximal Humeral Nail** for the treatment of complex proximal humeral fractures, and those with diaphyseal extension.

Unique design features include:

- **Implant sizes** range from 150mm to 300mm in length. The proximal geometry of all nails is 10mm, with a shaft diameter of 8mm.
- The **Canulated Design** of all 220–300mm nails allows insertion over a 2.2×800mm guide wire.
- **Four Proximal Locking Holes** anatomically placed to enable locking of separate fragments of the Lesser Tuberosity, the Greater Tuberosity and the Humeral Head.





- **Proximal Locking Holes in the nail are threaded.** Thus, the holding strength of the Locking Screws will not depend on purchase in the often poor cancellous bone. The Locking Screws can also provide firm anchoring for suture augmentation of the Tuberosity fragment.
- **Proximal Locking Holes in the nail have a nylon bushing.** This will further improve the holding strength of the screws **and helps avoid** screw back out. It also stops screw toggle, thereby **minimizing** mechanical destruction of osteopenic bone.
- **6° curvature** of the nail allows insertion at the standard insertion point, i.e. lateral entry just inside the Greater Tuberosity, or central insertion, i.e. through the articular surface at the top of the humeral head. The central insertion improves fixation through interference between the subchondral bone at the entry point and the proximal end of the nail.
- **Left and right versions**, designed to reduce possible **interference** with the axillary nerve.
- **End Caps, of three different heights** in 2 mm increments, allow fine adjustment to the length of the nail and optimize the purchase of the nail in the entrance hole.
- Distal Oblong Hole allows **dynamic locking**.
- The Distal AP Holes for all 220–300mm implants are strategically located to offer **freehand locking in “Real AP Plane”**, while maintaining ability of placing all proximal screws in their respective landmarks.
- All implants of the T2™ Proximal Humeral Nail System are made of type II anodized titanium alloy (Ti6Al4V) for enhanced biomechanical and biomedical performance.

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