TRILLIANT™

DJO®

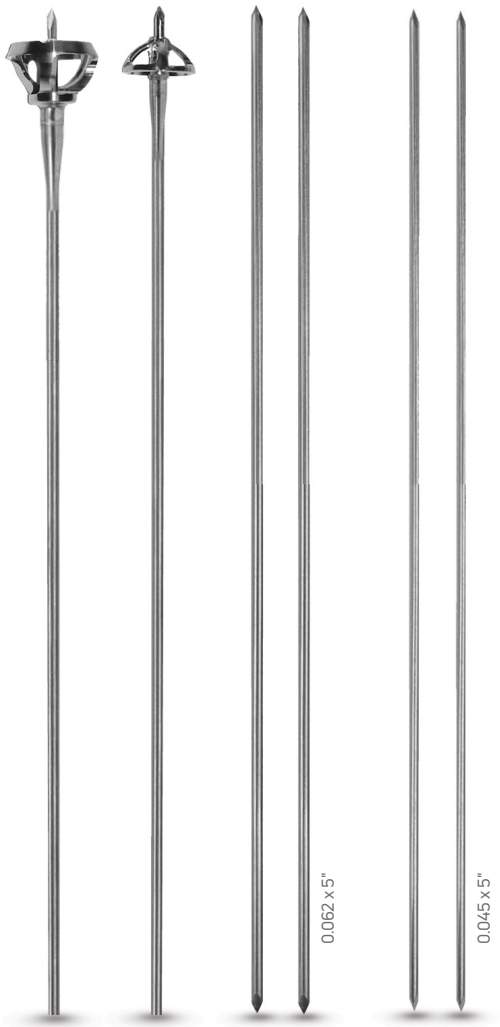
HTR® "HEATER" STERILE IMPLANT SYSTEM

The HTR (Hammer Toe Reaming) Implant System consists of a concave and convex reamer set to create a matching hemispherical joint interface through uniform articular tissue removal for joint arthrodesis.

HAMMER TOE CORRECTION

- Matching ball and socket geometry to provide infinite degrees of freedom while maintaining joint apposition
- Hemispherical reaming design provides up to 200% more bone to bone contact surface area compared to traditional linear cuts
- Enclosed circumferential cutting concave reamer intended to minimize soft tissue interference

HTR® IMPLANT SYSTEM

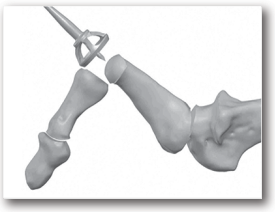


10mm HTR Kit

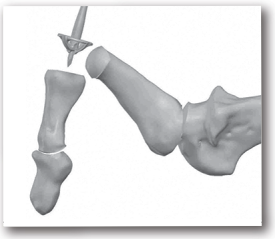
Part Number	220-08-003	220-10-003
Diameter	8mm	10mm

SURGICAL TECHNIQUE

STEP 1: Expose the joint space dorsal of the proximal interphalangeal joint.



STEP 2A: Using a wire pin driver, resurface the head of the proximal phalanx with the concave reamer until the desired correction is achieved. Make sure to initiate the reamer down the center axis of the joint.



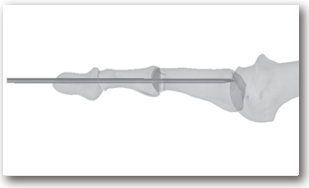
STEP 2B: Using a wire pin driver, resurface the base of the middle phalanx with the convex reamer until the desired correction is achieved. Make sure to initiate the reamer down the center axis of the joint.

STEP 3: Using a wire pin driver and appropriate size K-wire, insert the K-wire centrally into the middle phalanx, drilling towards the distal phalanx.

STEP 4: Position the distal phalanx in the desired position and continue inserting the K-wire, maintaining a central position. Continue driving proximal to distal until the K-wire is protruding through the distal phalanx. Assure that the K-wire is sufficiently exposed to allow for capture with the wire pin driver.

STEP 5: With the wire pin driver, retract the K-wire until the proximal end is only exposed 1 to 2mm.

STEP 6: Extend the digit to obtain proper alignment between the K-wire and proximal phalanx. Surgeon judgement should be used to ensure sagittal plane stability and toe purchase.



STEP 7: Drive the K-wire to engage the proximal phalanx.

Certain system features covered under U.S. Patent No. 9,060,789.
FDA cleared 510(k) K121008.
Trilliant products are made in the U.S.A.

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