ST

SURGICAL
TECHNIQUE

enovis

TIGER CANNULATED SCREW SYSTEM

SCREW SYSTEM

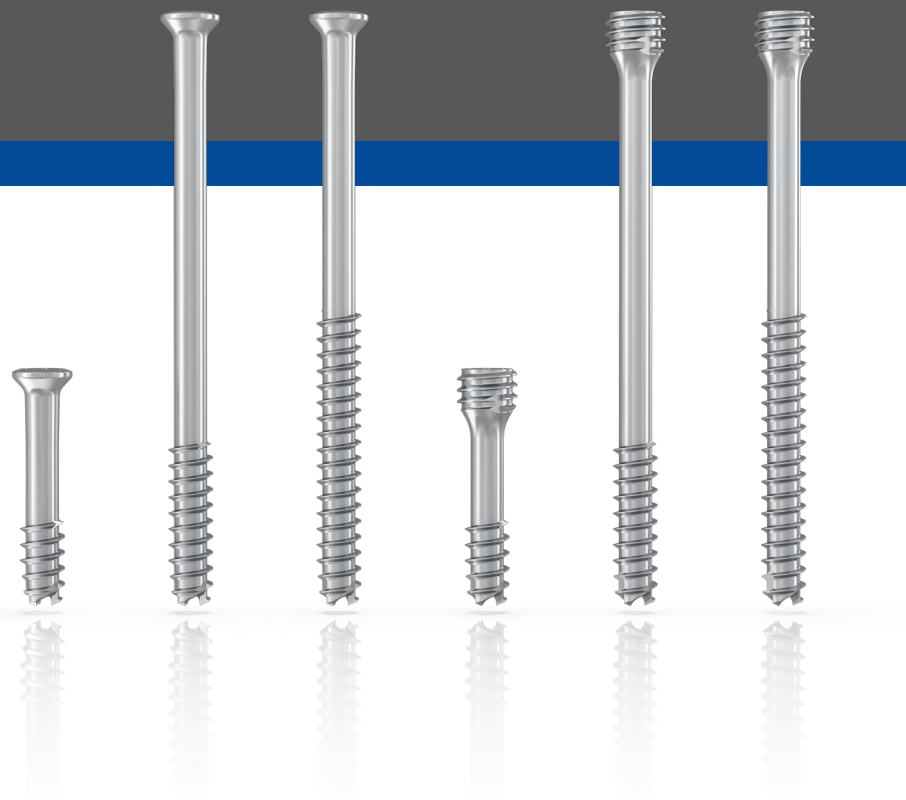

TABLE OF CONTENTS

Enovis™ is a manufacturer of orthopedic implants and does not practice medicine. This surgical technique was prepared in conjunction with licensed health care professionals. The treating surgeon is responsible for determining the appropriate treatment, technique(s), and product(s) for each individual patient.

See package insert for complete list of potential adverse effects, contraindications, warnings and precautions.

A workshop training is recommended prior to performing your first surgery. All non-sterile devices must be cleaned and sterilized before use.

Multi-component instruments must be disassembled for cleaning. Please refer to the corresponding assembly/disassembly instructions, if applicable. Please remember that the compatibility of different product systems has not been tested unless specified otherwise in the product labeling.

The surgeon must discuss all relevant risks including the finite lifetime of the device with the patient.

FEATURES

The Tiger Cannulated Screw System includes self drilling, self tapping lag screws offered in a comprehensive range of sizes to tackle indications covering the forefoot, midfoot, hindfoot, and ankle and diverse patient anatomies.

INDICATIONS, CONTRAINDICATIONS, & WARNINGS

INDICATIONS

TIGER CANNULATED SCREW SYSTEM

The Tiger Cannulated Screw System is indicated for fixation of fractures, non-unions, arthrodeses, and osteotomies of bones appropriate for the size of the device.

TIGER HEADLESS CANNULATED SCREW SYSTEM

The Tiger Headless Cannulated Screw System is indicated for fixation of fractures, non-unions, arthrodeses, and osteotomies of the small bones in the hand and foot.

CONTRAINDICATIONS

TIGER CANNULATED SCREW SYSTEM & TIGER HEADLESS CANNULATED SCREW SYSTEM

Use of the Tiger Cannulated Screw System and the Tiger Headless Cannulated Screw System is contraindicated in cases of active or suspected infection or in patients who are immunocompromised; in patients previously sensitized to titanium; or in patients with certain metabolic diseases. It is further contraindicated in patients exhibiting disorders that would cause the patient to ignore the limitations of internal fixation.

WARNINGS

1. Re-operation to remove or replace implants may be required at any time due to medical reasons or device failure. If corrective action is not taken, complications may occur.
2. Use of an undersized screw in areas of high functional stresses may lead to implant fracture and failure.
3. Plates and screws, wires, or other appliances of dissimilar metals should not be used together in or near the implant site.
4. Instruments, guide wires and screws are to be treated as sharps.
5. Re-use of devices indicated as single use can result in decreased mechanical and clinical performance of devices.

1. PREPARE JOINT

Place a bone clamp to create the necessary compression across the osteotomy or fusion site (when applicable).

NOTE: This step is very important if bone is very dense and in arthrodesis, as the axial force necessary for inserting the Tiger Cannulated Screw could temporarily distract the fragments at the fracture/arthrodesis line.

2. INSERT K-WIRE

Insert an appropriately sized K-wire to the correct length under image intensification (FIGURE 1). Avoid bending the K-wire when placing into the bone by inserting in 15mm-20mm increments.

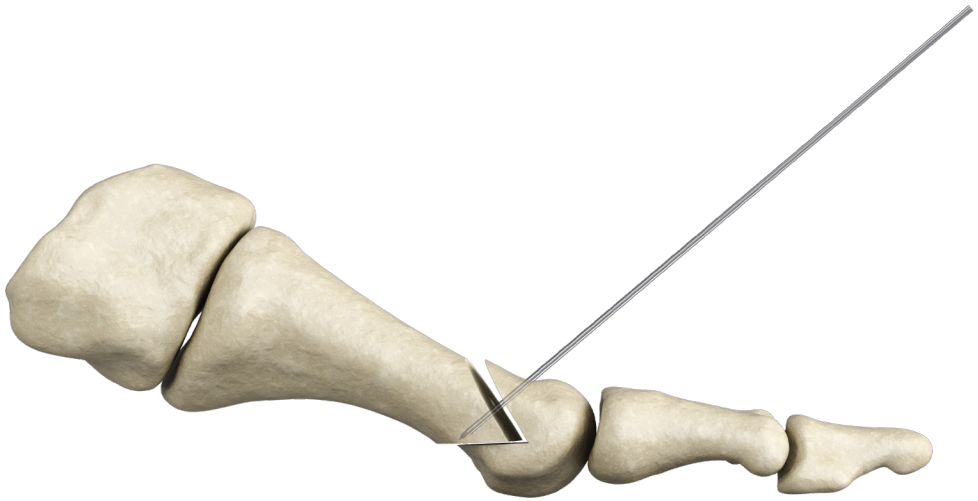

FIGURE 1

3. DETERMINE SCREW LENGTH

Measure for the desired screw length by examining the end of the K-wire in relation to the marks on the depth gauge.

FIGURE 2

4. PRE-DRILL

Pre-drill the proximal cortex with the appropriately sized proximal drill to provide proper clearance for screw head placement (FIGURE 3).

NOTE: If the headed screw is used, substitute this step by sliding the appropriately sized countersink over the guide wire until the countersink tip contacts bone. Rotate the countersink clockwise and counterclockwise to create the necessary recess in the bone.

5. PRE-DRILL DENSE BONE

It is recommended to pre-drill in cases of dense bone, when using a screw over 24mm, or when passing through three or more cortices.

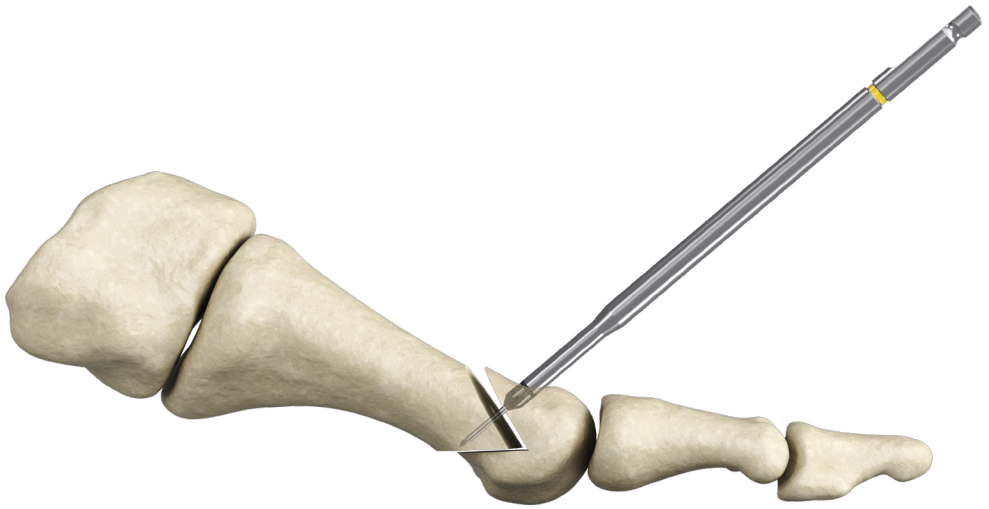

FIGURE 3

6. INSERT SCREW

Remove the desired Tiger Cannulated Screw from the screw block. Slide the screw over the K-wire (FIGURE 4).

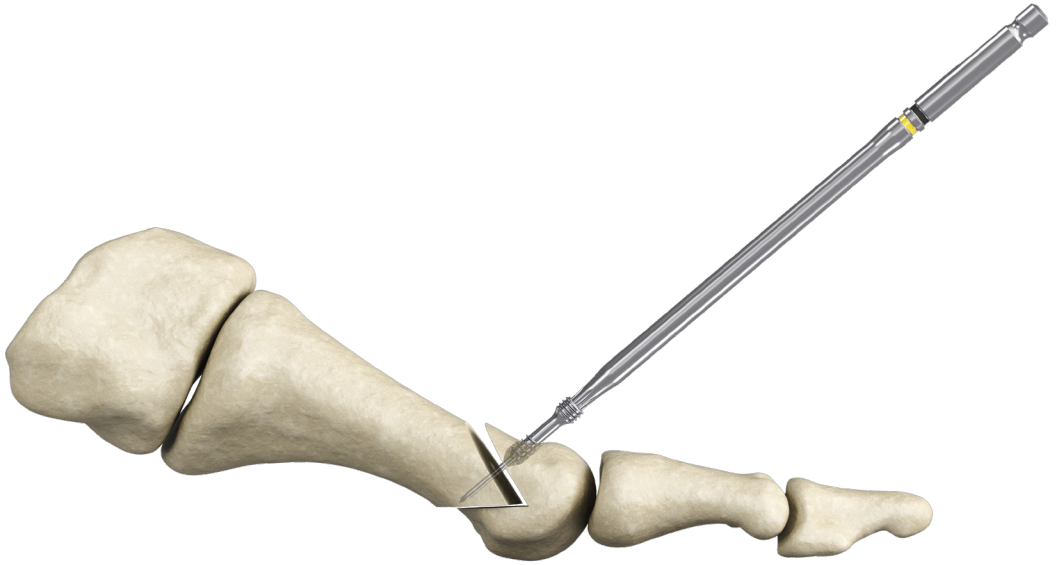

FIGURE 4

7. COMPRESS

Using the screw driver and appropriate driver shaft, drive the Tiger Cannulated Screw into bone, rotating clockwise until desired compression is achieved. (FIGURE 4).

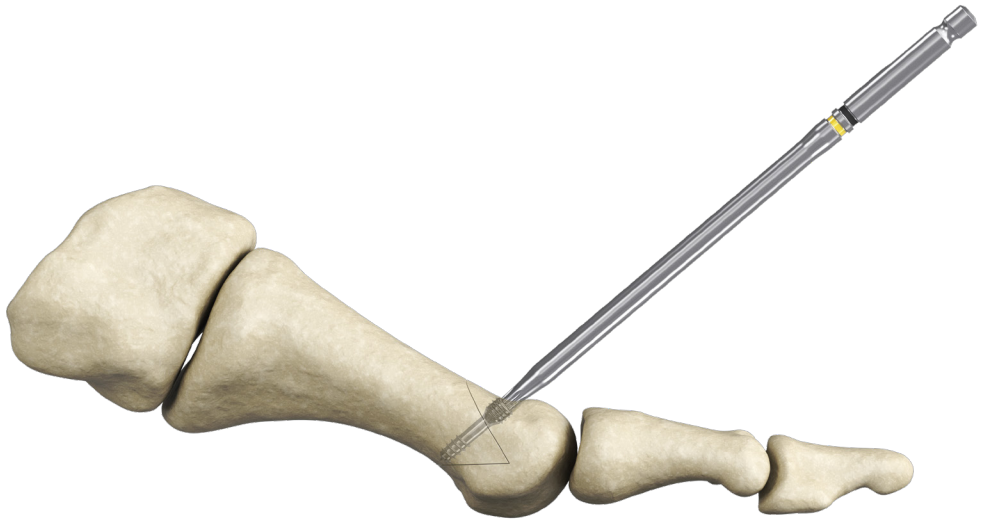

FIGURE 5

8. CHECK FINAL PLACEMENT

Remove and discard the K-wire (FIGURE 6).

FIGURE 6

NOTES

enovis™

T 800.495.2919 F 877.778.3864

Trilliant Surgical, LLC
727 North Shepherd Drive, Suite 100 I Houston, TX 77007 I U.S.A.
enovis.com/foot-and-ankle

MK-10558 Rev 1

ORDERING INFORMATION