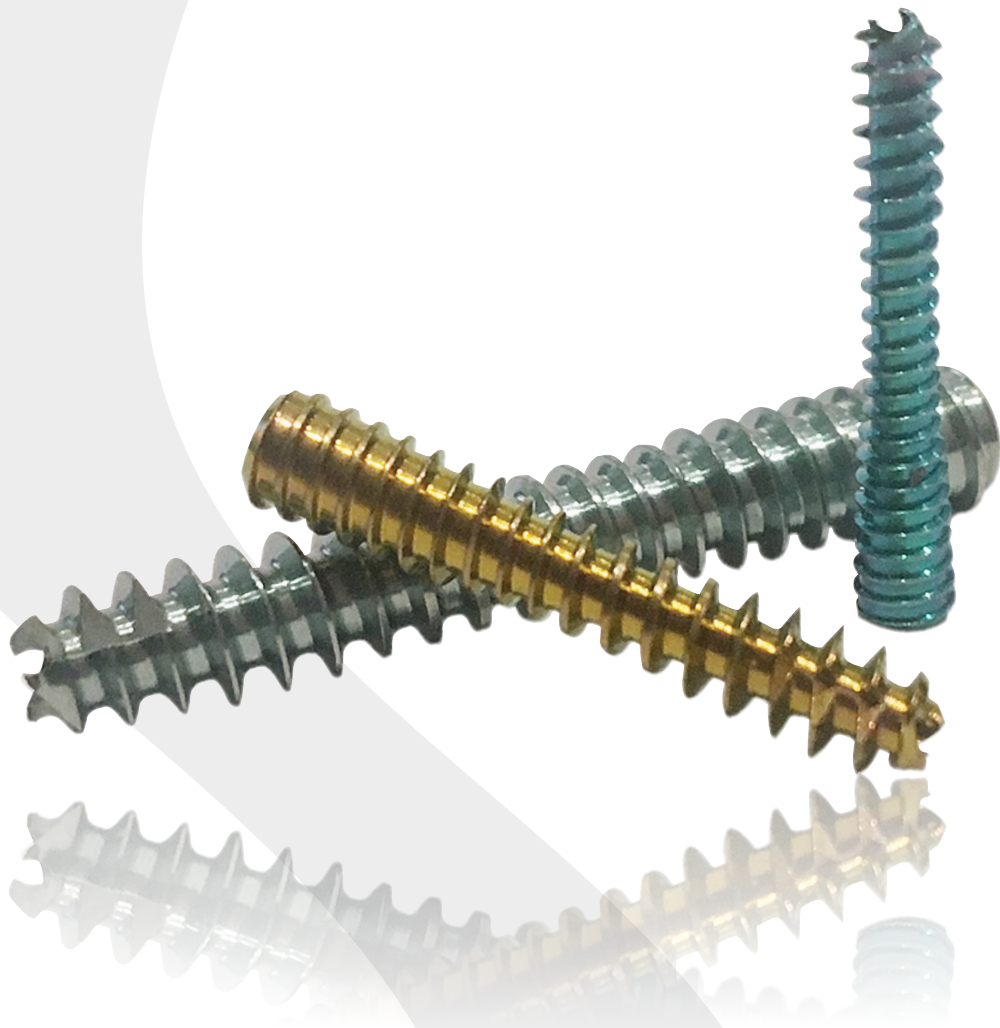


FuzeFix

Max FT System



Fusion
ORTHOPEDICS

Surgical Technique

DESCRIPTION OF THE MEDICAL DEVICE

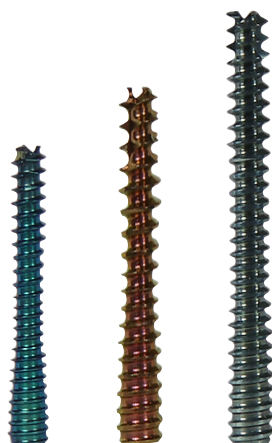
The FuzeFix Max FT System consists of cannulated, fully threaded headless bone screws are offered in 2.5mm to 4.5mm diameters with lengths ranging from 8mm to 60mm. System instrumentation includes drill bits, proximal reamers, K-wires, guides, depth gauges, screw removal tools, driver shafts, and handles to facilitate the placement of the screws. The implants are intended for single use only. Instruments designed for bone removal are intended for single use only, such as: drill bits, countersinks, reamers, and K-wires.

INDICATIONS FOR USE

The FuzeFix Max FT System is intended for use in the stabilization and fixation of bone fractures, osteotomies, non-unions, and reconstruction, tendon reattachment, and arthrodesis of the hand, foot, wrist, and ankle. The FuzeFix Max FT System is indicated for: Osteochondral fragments (talar vault, femoral condyle), apical fragments (radial head, patellarrim, navicular, metacarpal/ metatarsal), cancellous fragments (talus), Carpal, metacarpal, and small hand bone, tarsal and metatarsals, phalanges, I ntra-articular fractures, ankle, proximal and distal humerus, proximal and distal radius, proximal and distal ulna, osteochondral fixation and fractures, Osteochondritis Dissecans, Fixation of fractures and osteotomies about the knee, Oblique fractures of the fibula, Reconstructive surgeries of the foot, and malleolar fixation. Not intended for use in the spine.

CONTRAINDICATIONS

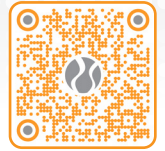
- Local or systemic, acute or chronic inflammation;
- Active infection or inflammation;
- Growing patients with open epiphyses;
- Poor or insufficient bone stock;
- Metal sensitivity or allergic reaction to foreign bodies;
- Material conditions that preclude cooperation with the rehabilitation regimen.



Screw Set-Up	Screw Diameter	Color	Driver size	Minor Diameter	K-Wire
	2.5mm	Aqua	2.0mm	1.6mm	0.9mm
	3.5mm	Bronze	2.3mm	1.9mm	1.1mm
	4.5mm	Silver	2.9mm	2.7mm	1.4mm

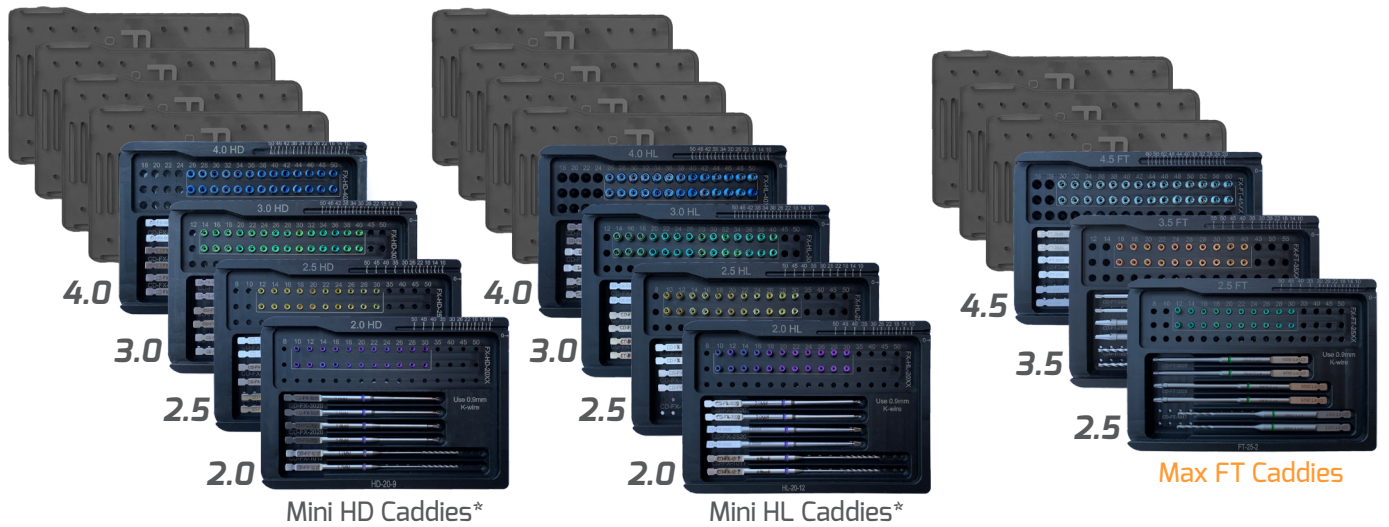
Part Of The
FuzeFix Modular Tray

Scan to learn more
about our Modular
Tray Environment.



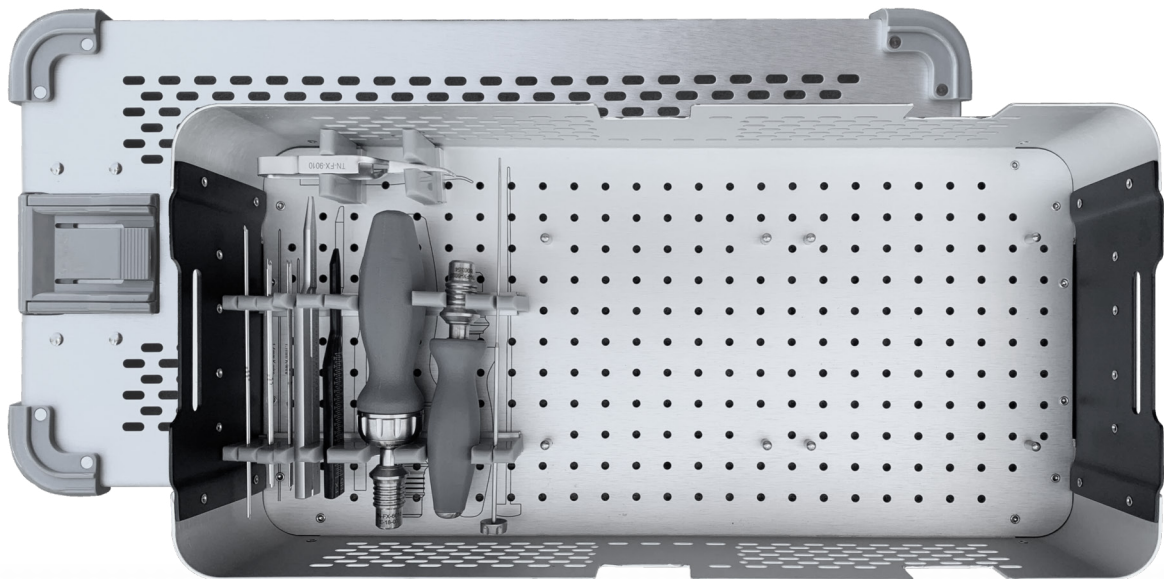
Caddies

Mini HD & HL* and Max FT



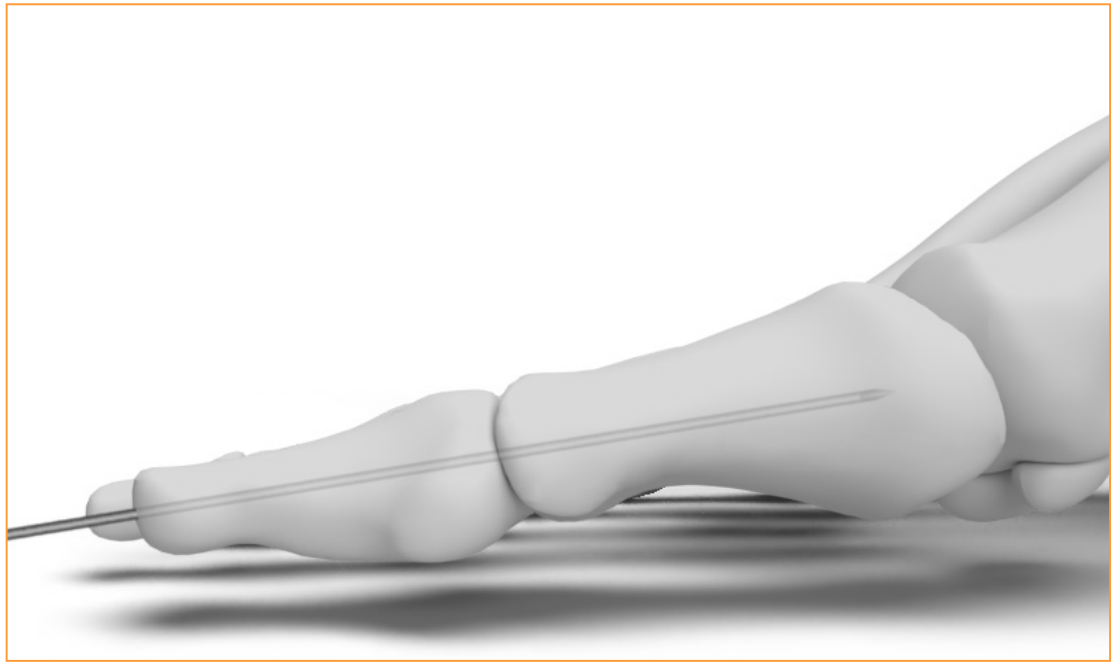
Modular Tray

Fits up to 4 caddies



Modular Tray

*Find the Mini Surgical Technique Guide at fusionorthopedics.com/library

**1**

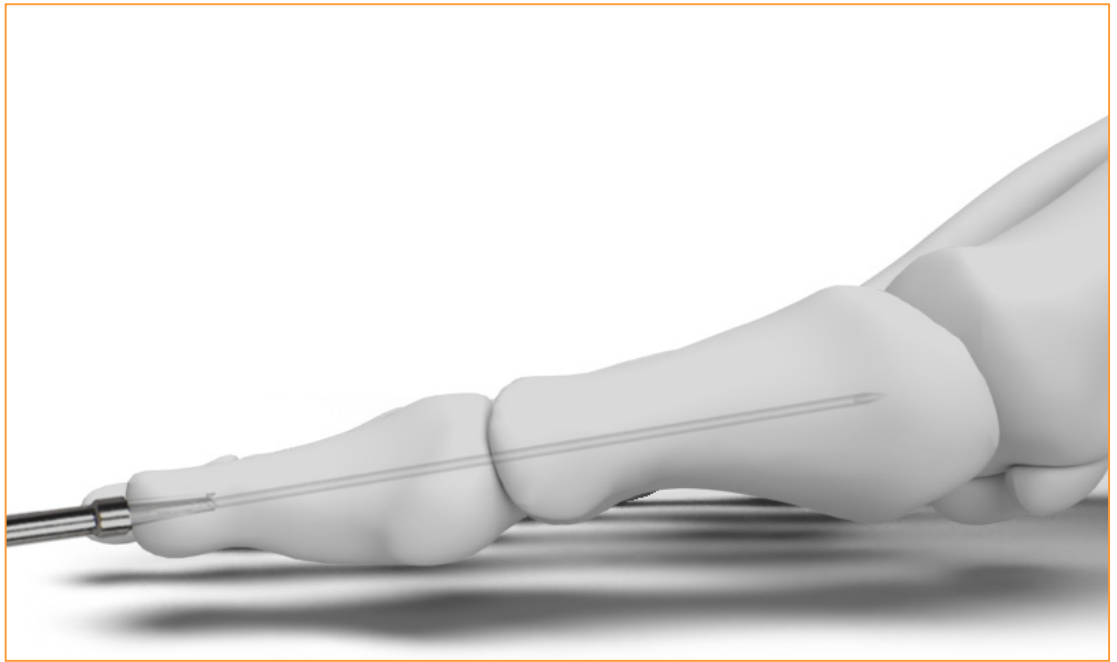
Insert a K-wire proximally through the Hallux and into the Proximal Phalanx. Confirm positioning under fluoroscopy.

**2**

Make a short transverse incision in the tip of the distal phalanx and slide the depth gauge over the K-wire until it contacts bone. Determine the length of the screw by examining the end of the wire in relation to the marks on the depth gauge. If it is intended to drive the screw below the surface of the distal phalanx, this must be accounted for in sizing the screw.

Note:

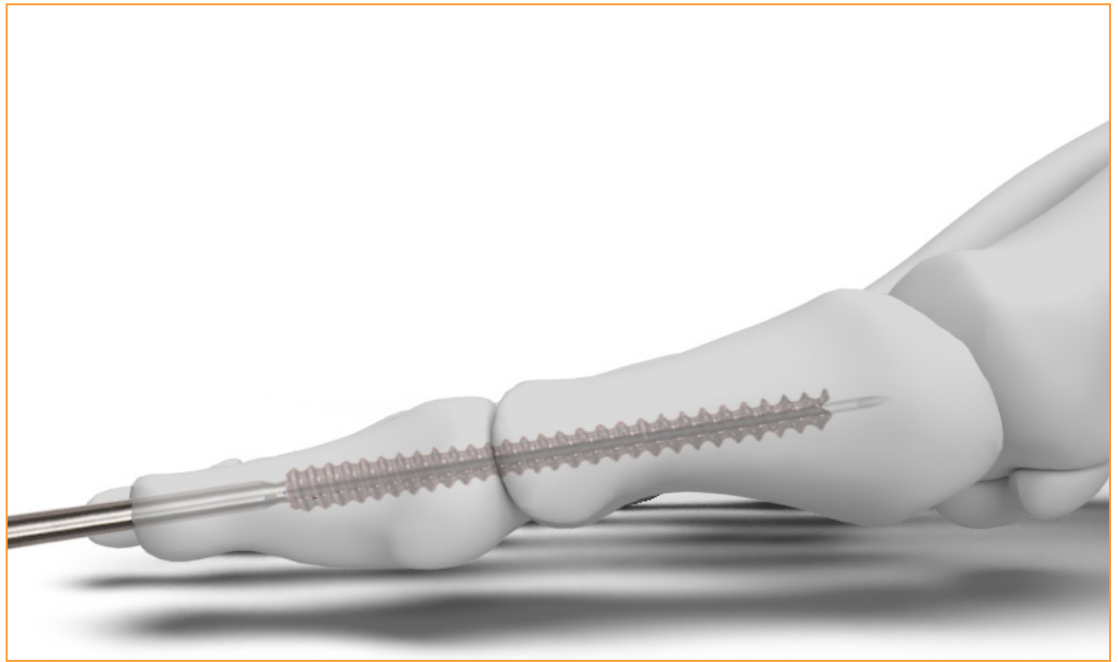
For Headed Screws, countersinking should always be applied BEFORE screw length measurement. For Headless Screws, Countersinking should always be applied AFTER screw length measurement.

**3**

To minimize irritation where soft tissue coverage is minimal, slide the appropriately sized countersink over the guide wire until the tip contacts bone and rotate back and forth to create the necessary recess in the bone.

**4**

Especially in dense cortical bone, pre-drilling the near cortex is recommended to reduce the axial force necessary to insert the screw. Select the appropriate Calibrated Drill FT and place over the K-wire. Drill across the joint into the proximal phalanx to the desired depth. If it is intended to drive the screw below the surface of the distal phalanx, this must be accounted for in the drill depth.



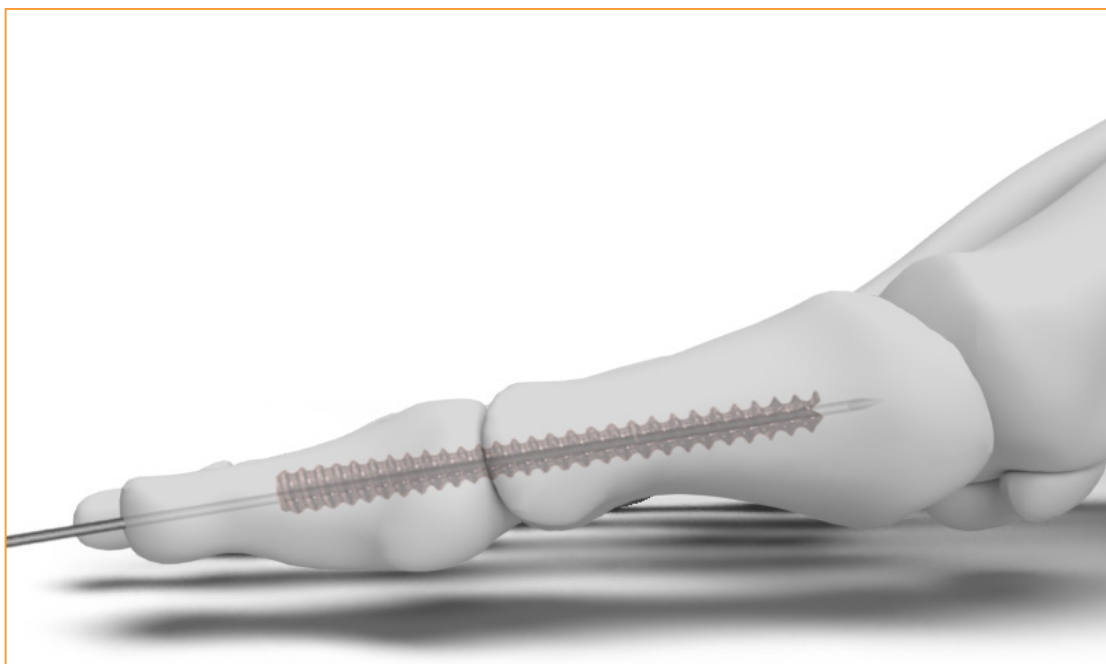
5

For screw insertion, remove the correct sized Headless FT Screw from the screw block and slide over the K-wire. Load the corresponding Torx Driver onto the handle. Drive the screw until the desired compression is achieved.



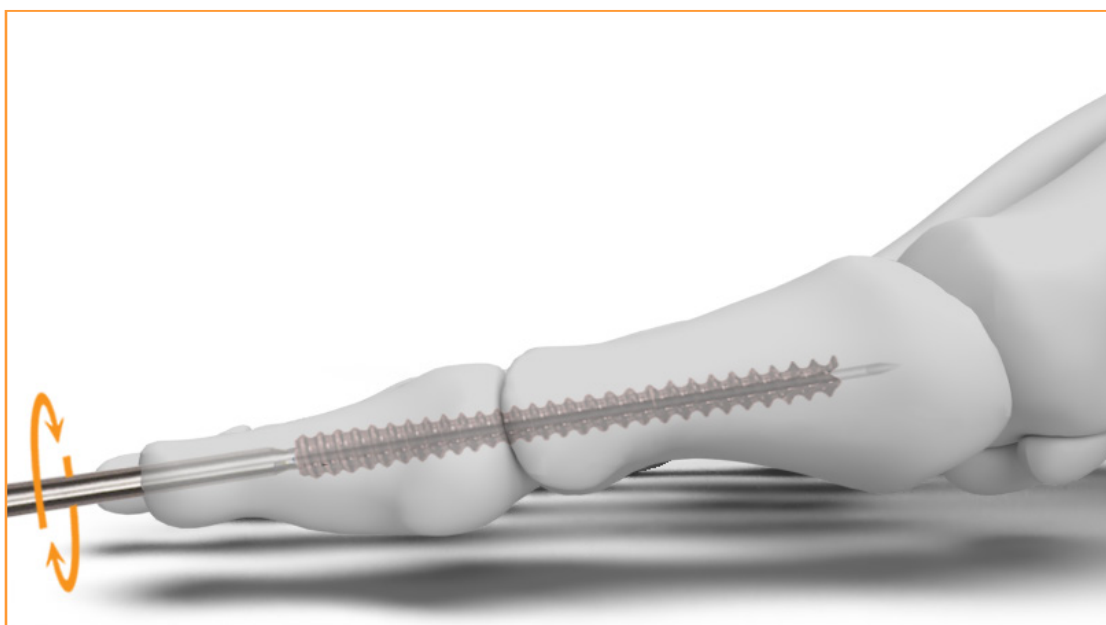
6

After final insertion, remove the driver and verify screw position with fluoroscopy. After final position has been verified, remove and discard the K-wire.



1

Create a small incision in the tip of the Phalanx and insert a wire into the cannula of the screw. If the screw is buried, a burr or reamer may be used to expose the screw head.



2

Insert the Driver over the wire to guide it into the torx interface of the screw. Rotate counter-clockwise to explant.

If removal of the implant is required do to revision or failure of the device, the surgeon should contact Fusion Orthopedics using the contact information found at the end of this manual to receive instructions for returning the explanted device for investigation.



FT 2.5mm	Description	Non-Sterile
	FT 2.5mm x 8mm	FX-FT-2508
	FT 2.5mm x 10mm	FX-FT-2510
	FT 2.5mm x 12mm	FX-FT-2512
	FT 2.5mm x 14mm	FX-FT-2514
	FT 2.5mm x 16mm	FX-FT-2516
	FT 2.5mm x 18mm	FX-FT-2518
	FT 2.5mm x 20mm	FX-FT-2520
	FT 2.5mm x 22mm	FX-FT-2522
	FT 2.5mm x 24mm	FX-FT-2524
	FT 2.5mm x 26mm	FX-FT-2526
	FT 2.5mm x 28mm	FX-FT-2528
	FT 2.5mm x 30mm	FX-FT-2530
	FT 2.5mm x 32mm	FX-FT-2532
	FT 2.5mm x 34mm	FX-FT-2534
	FT 2.5mm x 36mm	FX-FT-2536
	FT 2.5mm x 38mm	FX-FT-2538
	FT 2.5mm x 40mm	FX-FT-2540



FT 3.5mm	Description	Non-Sterile
	FT 3.5mm x 12mm	FX-FT-3512
	FT 3.5mm x 14mm	FX-FT-3514
	FT 3.5mm x 16mm	FX-FT-3516
	FT 3.5mm x 18mm	FX-FT-3518
	FT 3.5mm x 20mm	FX-FT-3520
	FT 3.5mm x 22mm	FX-FT-3522
	FT 3.5mm x 24mm	FX-FT-3524
	FT 3.5mm x 26mm	FX-FT-3526
	FT 3.5mm x 28mm	FX-FT-3528
	FT 3.5mm x 30mm	FX-FT-3530
	FT 3.5mm x 32mm	FX-FT-3532
	FT 3.5mm x 34mm	FX-FT-3534
	FT 3.5mm x 36mm	FX-FT-3536
	FT 3.5mm x 38mm	FX-FT-3538
	FT 3.5mm x 40mm	FX-FT-3540
	FT 3.5mm x 42mm	FX-FT-3542
	FT 3.5mm x 44mm	FX-FT-3544
	FT 3.5mm x 46mm	FX-FT-3546
	FT 3.5mm x 48mm	FX-FT-3548
	FT 3.5mm x 50mm	FX-FT-3550



FT 4.5mm	Description	Non-Sterile
	FT 4.5mm x 20mm	FX-FT-4520
	FT 4.5mm x 22mm	FX-FT-4522
	FT 4.5mm x 24mm	FX-FT-4524
	FT 4.5mm x 26mm	FX-FT-4526
	FT 4.5mm x 28mm	FX-FT-4528
	FT 4.5mm x 30mm	FX-FT-4530
	FT 4.5mm x 32mm	FX-FT-4532
	FT 4.5mm x 34mm	FX-FT-4534
	FT 4.5mm x 36mm	FX-FT-4536
	FT 4.5mm x 38mm	FX-FT-4538
	FT 4.5mm x 40mm	FX-FT-4540
	FT 4.5mm x 42mm	FX-FT-4542
	FT 4.5mm x 44mm	FX-FT-4544
	FT 4.5mm x 46mm	FX-FT-4546
	FT 4.5mm x 48mm	FX-FT-4548
	FT 4.5mm x 50mm	FX-FT-4550
	FT 4.5mm x 52mm	FX-FT-4552
	FT 4.5mm x 54mm	FX-FT-4554
	FT 4.5mm x 56mm	FX-FT-4556
	FT 4.5mm x 58mm	FX-FT-4558
	FT 4.5mm x 60mm	FX-FT-4560



FuzeFix Max FT	Description	Color	Non-Sterile
	Calibrated Drill FT Cannulated 1.7mm	Aqua	CD-FT-1017
	Calibrated Drill FT Cannulated 2.1mm	Bronze	CD-FT-1021
	Calibrated Drill FT Cannulated 3.0mm	Silver	CD-FT-1030



FuzeFix Max FT	Description	Color	Non-Sterile
	Driver Torx FT 2.5mm	Aqua	CD-FT-3025
	Driver Torx FT 3.5mm	Bronze	CD-FT-3035
	Driver Torx FT 4.5mm	Silver	CD-FT-3045



FuzeFix Max FT	Description	Color	Non-Sterile
	Removal Driver Torx FT 2.5mm	Aqua	CD-FT-9025
	Removal Driver Torx FT 3.5mm	Bronze	CD-FT-9035
	Removal Driver Torx FT 4.5mm	Silver	CD-FT-9045



FuzeFix Max FT	Description	Color	Non-Sterile
	Proximal Reamer FT Cannulated 2.5mm	Aqua	CD-FT-2025
	Proximal Reamer FT Cannulated 3.5mm	Bronze	CD-FT-2035
	Proximal Reamer FT Cannulated 4.5mm	Silver	CD-FT-2045

K-Wires	Description	Non-Sterile
	K-wire Standard 0.9mm	CD-FX-0009
	Threaded 0.9mm	CD-FX-0509
	Standard 1.1mm	CD-FX-0011
	Threaded 1.1mm	CD-FX-0511
	Standard 1.4mm	CD-FX-0014
	Threaded 1.4mm	CD-FX-0514



Handle	Description	Non-Sterile
	Driver Ratcheting	TN-FX-6010
	Driver Non-Ratcheting	TN-FX-6020



Forceps	Description	Non-Sterile
	Screw Holding Forceps	TN-FX-9010



FuzeFix Max FT	Description	Non-Sterile
	Depth Gauge FT	TN-FX-8025

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Fusion Orthopedics does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery. The information presented is intended to demonstrate the breadth of Fusion Orthopedics' product offerings. A surgeon must always refer to the package insert, product label, and instructions for use before using any Fusion Orthopedics product. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your representative if you have questions about the availability of products in your area.

FDA Cleared

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Rev 1



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