

Compression FT Screw System

2.5 Micro, 3.5 Mini, and 4.0 Standard



Arthrex® 

Features and Benefits

Hexalobe provides additional stability and torque transfer in the Mini and Standard screw sizes.



The headless, cannulated, titanium 2.5 Micro, 3.5 Mini, and 4.0 Standard Compression FT screws can be used for a wide range of indications in the upper and lower extremities. They are intended for repairing intra-articular and extra-articular fractures and nonunions of small bones and small bone fragments, arthrodesis, and osteotomies. The variable-stepped pitch headless design reduces the risk of profile complications, provides compression, and allows for simplified insertion. With these screws, surgeons can now achieve zero-profile stable fixation.

- Variable-Stepped Thread Pitch – Wider thread pitch at the tip of the screw enters the bone faster than each trailing thread, compressing the fragments progressively as the screw is advanced.
- Headless – Titanium screws can be implanted intra-articularly and extra-articularly with minimal risk of impingement or soft-tissue irritation.
- Self-tapping Flutes – Two sets of cutting flutes ease insertion after drilling and facilitate efficient OR time.
- Multiple Screw Options – Including 2.5, 3.5, and 4.0
- Cannulated – Assists accurate placement for both percutaneous and open procedures.
- Improved Torque Transmission – Hexalobe recess in 3.5 and 4.0 Compression FT screws and hex drive for 2.5 screw.

Foot and Ankle

Applications in the foot and ankle include osteochondral defects (OCDs), fractures, osteotomies, and arthrodesis of the tarsals, metatarsals, and phalanges. From bunion correction to trauma management, the headless Compression FT screw provides excellent compression and holding power.¹ For lower extremity surgery, the Compression FT screw may be inserted either percutaneously or in an open procedure. Accurate placement of the screw can be ensured by using the cannulated instrumentation in the set.

Hand, Wrist, and Elbow

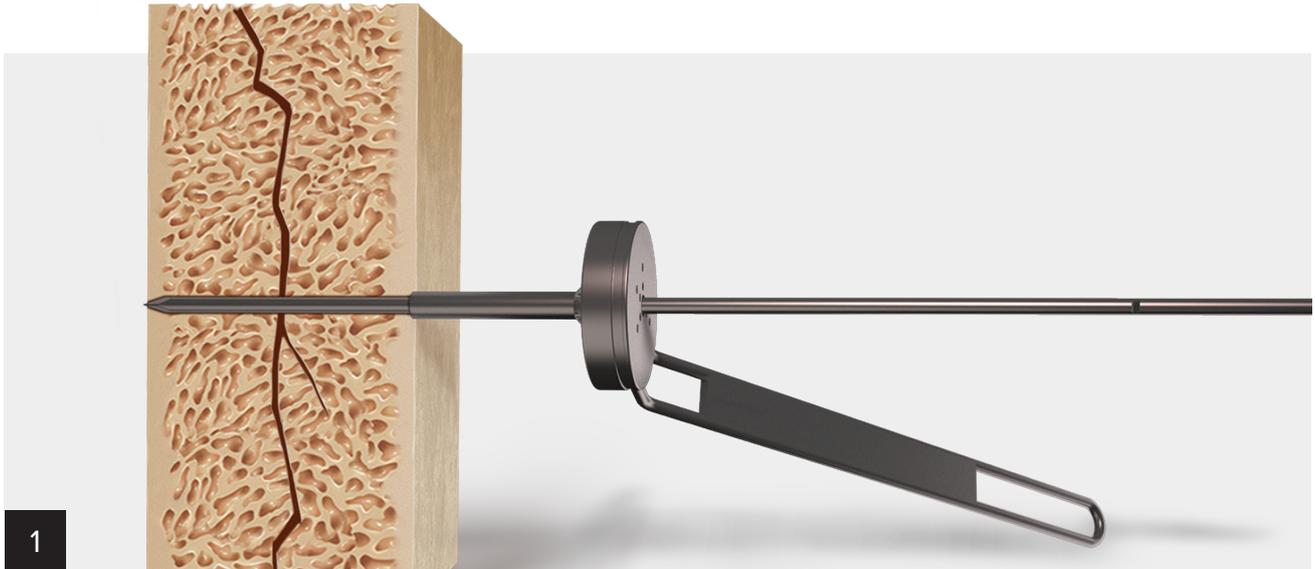
For upper extremity surgery, the Compression FT screw is an excellent solution for complications such as hardware prominence and postoperative imaging. Fixation of small bones of the hand, such as carpals and metacarpals, is another situation where the compression and zero-prominence benefits of the screw come into play. For upper extremity surgery, the Compression FT screw may be inserted either percutaneously, with arthroscopic assistance, or in an open procedure. Accurate placement of the screw can be ensured by using the cannulated instrumentation and screws provided in the set.



Reference

1. Arthrex, Inc. LA1-0487-EN. Naples, FL; 2014.

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Establish the entry point for fixation and introduce the appropriate guidewire across the fracture or fusion site. Confirm the accurate wire placement position and appropriate depth under imaging.

Note: A parallel drill guide is available to aid in wire placement and protect soft tissues during guidewire placement. If the fragment is unstable, it may be helpful to place a second parallel guidewire, using the parallel drill guide to stabilize and help prevent rotation of the fragment.



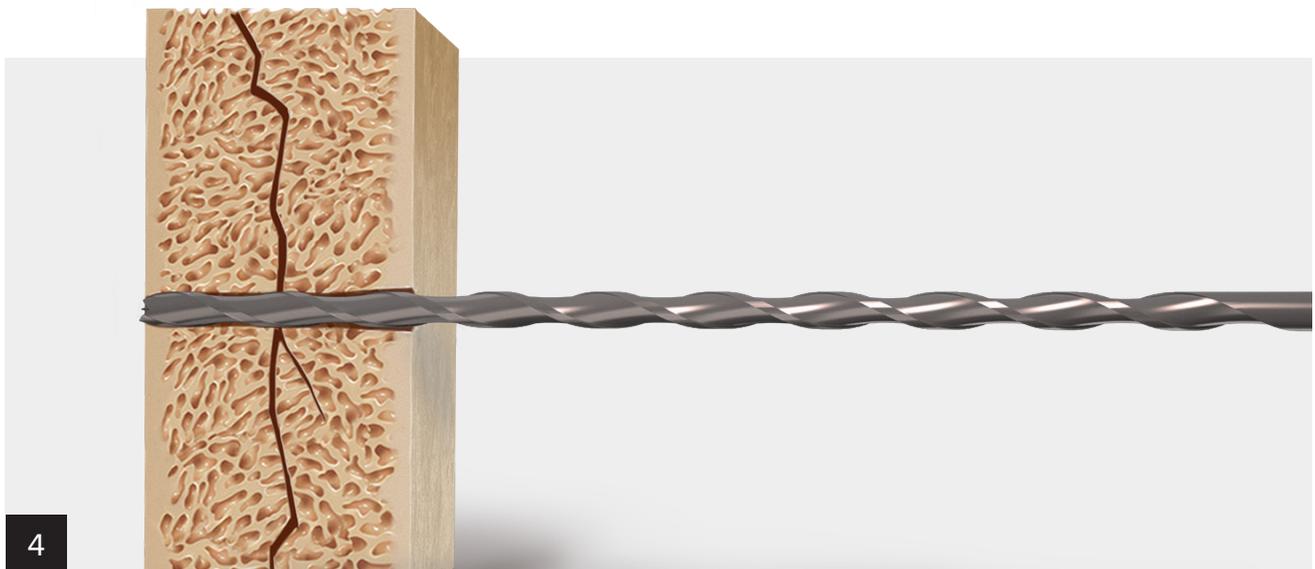
Measure the initial guidewire length using the depth device. It may be necessary to subtract from this length if the desired screw placement is to be buried beneath the bone surface and to account for compression achieved.

After measuring the appropriate screw depth, advance the guidewire through the far cortex of the operative site to minimize the risk of accidental withdrawal of the guidewire while drilling.

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Use the appropriate size profile drill over the guidewire to break the cortical bone layer. Drill to the laser line for flush screw head prominence or hard stop to countersink screw head 2 mm.



Use the appropriate size straight drill bit to ream the entire length of the selected screw path. It is important to drill the entire length to prevent distraction of distal fragments.

Use the 2.0 mm straight, cannulated drill bit for the 2.5 Micro Compression FT™ screws and the 2.7 mm straight, cannulated drill bit for the 3.5 Mini Compression FT™ screws. Use the 3.2 mm straight, cannulated drill bit for the 4.0 Standard Compression FT screw.

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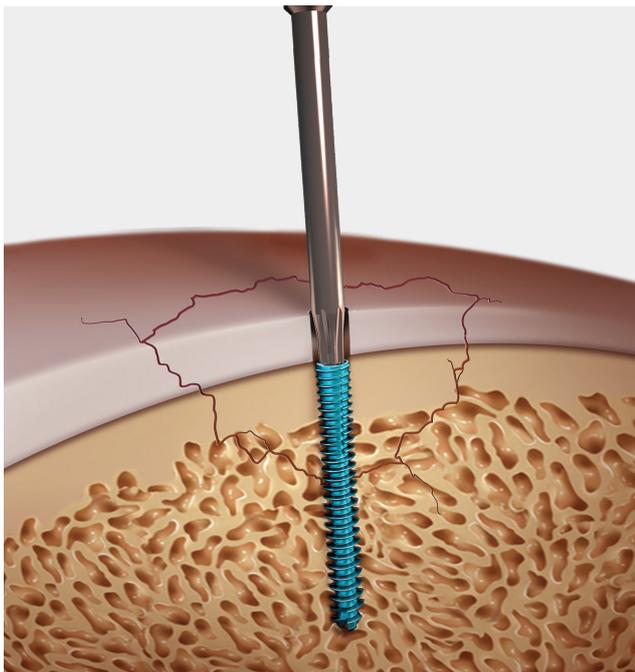
Insert the correctly sized screw with the appropriate driver. If resistance is met upon insertion, or if distraction occurs, stop, remove the screw, redrill the entire length with the appropriate cannulated drill, and reinsert the screw. Dense bone may require downsizing the screw length.



Confirm placement and length of the screw on imaging, ensuring that both leading and trailing edges of the screw are placed beneath the surface if desired. Finally, remove the guidewires.

Note: If postoperative screw removal is necessary, use the appropriate solid driver option.

Ordering Information



Compression FT Screw System (AR-8738S)

Product Description	Item Number
Instruments	
Depth Device	AR-8737-51
Obturator for Drill Guide	AR-8737-44
Percutaneous Drill Guide	AR-8737-43
Screwdriver Handle, ratcheting	AR-8950RH
Guidewire Plunger	AR-8737-56
Screw Holding Forceps	AR-8941F
Percutaneous Pin Clamp	AR-8737-57
Compression FT Screw System Instrument Case	AR-8738C
2.5 Micro Compression FT™ Screw Instruments	
Driver, cannulated, 1.5 mm hex	AR-8737-37
Driver, solid, 1.5 mm hex	AR-8737-45
Profile Drill, Micro	AR-8737-46
Parallel Drill Guide	AR-8737-48
Screw Extractor/Trephine	AR-8737-59
3.5 Mini Compression FT™ Screw Instruments	
Driver, T10 hexalobe, cannulated	AR-8737-38
Driver, T10 hexalobe, solid	AR-8950SD-10
Profile Drill, Mini	AR-8737-47
Parallel Drill Guide	AR-8737-49
Screw Extractor/Trephine	AR-8737-59
4.0 Standard Compression FT Screw Instruments	
Driver, T10 hexalobe, cannulated	AR-8737-38
Driver, T10 hexalobe, solid	AR-8950SD-10
Profile Drill, standard	AR-8737-54
Parallel Drill Guide	AR-8737-55
Screw Extractor/Trephine	AR-8737-60

Product Description	Item Number
Implants	
2.5 Micro Compression FT Screws*	
8 mm-14 mm (1 mm increments)	AR-8725-08H – 14H
16 mm-50 mm (2 mm increments)	AR-8725-16H – 50H
3.5 Mini Compression FT Screws*	
12 mm-60 mm (2 mm increments)	AR-8730-12H – 60H
4.0 Standard Compression FT Screws	
16 mm-60 mm (2 mm increments)	AR-8740-16H – 60H

Disposables (not included in set)

Product Description	Item Number
2.5 Micro Compression FT Screws	
Drill Bit, straight, cannulated, 2 mm	AR-8737-34
Drill Bit, straight, cannulated, 2.2 mm (hard bone option)	AR-8737-58
Guidewire w/ Trocar Tip, 0.034 in (0.86 mm), laser-marked	AR-8737-39
Guidewire w/ Double Trocar Tip, 0.034 in (0.86 mm), laser-marked	AR-8737-39KD
Guidewire w/ Trocar Tip, threaded, 0.034 in (0.86 mm), laser-marked	AR-8737-40
3.5 Mini Compression FT Screws	
Drill Bit, straight, cannulated, 2.7 mm	AR-8737-35
Guidewire w/ Trocar Tip, 0.045 in (1.1 mm), laser-marked	AR-8737-41
Guidewire w/ Double Trocar Tip 0.045 in (1.1 mm), laser-marked	AR-8737-41KD
Guidewire w/ Trocar Tip, threaded, 0.045 in (1.1 mm), laser-marked	AR-8737-42
4.0 Standard Compression FT Screws	
Drill Bit, straight, cannulated, 3.2 mm	AR-8737-50
Guidewire w/ Trocar Tip, 0.045 in (1.1 mm), laser-marked	AR-8737-41
Guidewire w/ Double Trocar Tip 0.045 in (1.1 mm), laser-marked	AR-8737-41KD
Guidewire w/ Trocar Tip, threaded, 0.045 in (1.1 mm), laser-marked	AR-8737-42

*2.5 Micro and 3.5 Mini Compression FT screws and instrumentation are also available in the QuickFix™ Cannulated Screw Set (AR-8737S).



Ordering Information

Optional

Product Description	Item Number
Compression FT Screw System Caddy, common instruments	AR-8738C-01
Compression FT Screw System Caddy, Micro	AR-8738C-02
Compression FT Screw System Caddy, Mini	AR-8738C-03
Compression FT Screw System Caddy, Standard	AR-8738C-04

Literature

Product Description	Item Number
The Arthrex Compression FT Screw Product and Technique Highlights	LS1-0487-EN

Multimedia

Product Description	Item Number
Compression Screw - Chevron, animation	AN1-00030-EN
Triple Arthrodesis for Cavus Foot Utilizing 6.7 mm LPS Cannulated Screws, StimuBlast®, 4.0 Standard Compression FT Screws and Double Compression Plate, Presented by Anand Vora, MD, video	VID1-00265-EN

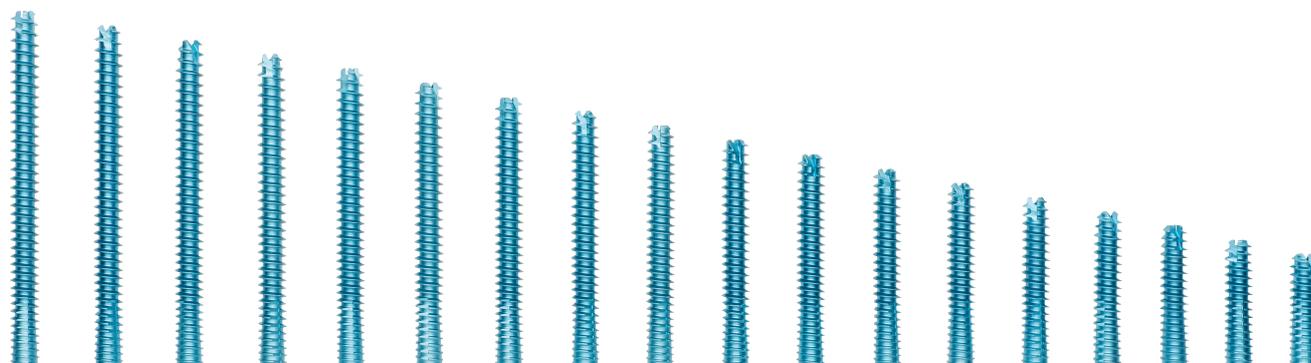
Products advertised in this brochure/surgical technique guide may not be available in all countries. For information on availability, please contact Arthrex Customer Service or your local Arthrex representative.



2.5 Micro Compression FT™ Screws, Cannulated – 8 mm-50 mm



3.5 Mini Compression FT™ Screws, Cannulated – 12 mm-60 mm



4.0 Standard Compression FT Screws, Cannulated – 16 mm-60 mm



This description of technique is provided as an educational tool and clinical aid to assist properly licensed medical professionals in the usage of specific Arthrex products. As part of this professional usage, the medical professional must use their professional judgment in making any final determinations in product usage and technique. In doing so, the medical professional should rely on their own training and experience and should conduct a thorough review of pertinent medical literature and the product's directions for use. Postoperative management is patient-specific and dependent on the treating professional's assessment. Individual results will vary and not all patients will experience the same postoperative activity level or outcomes.

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