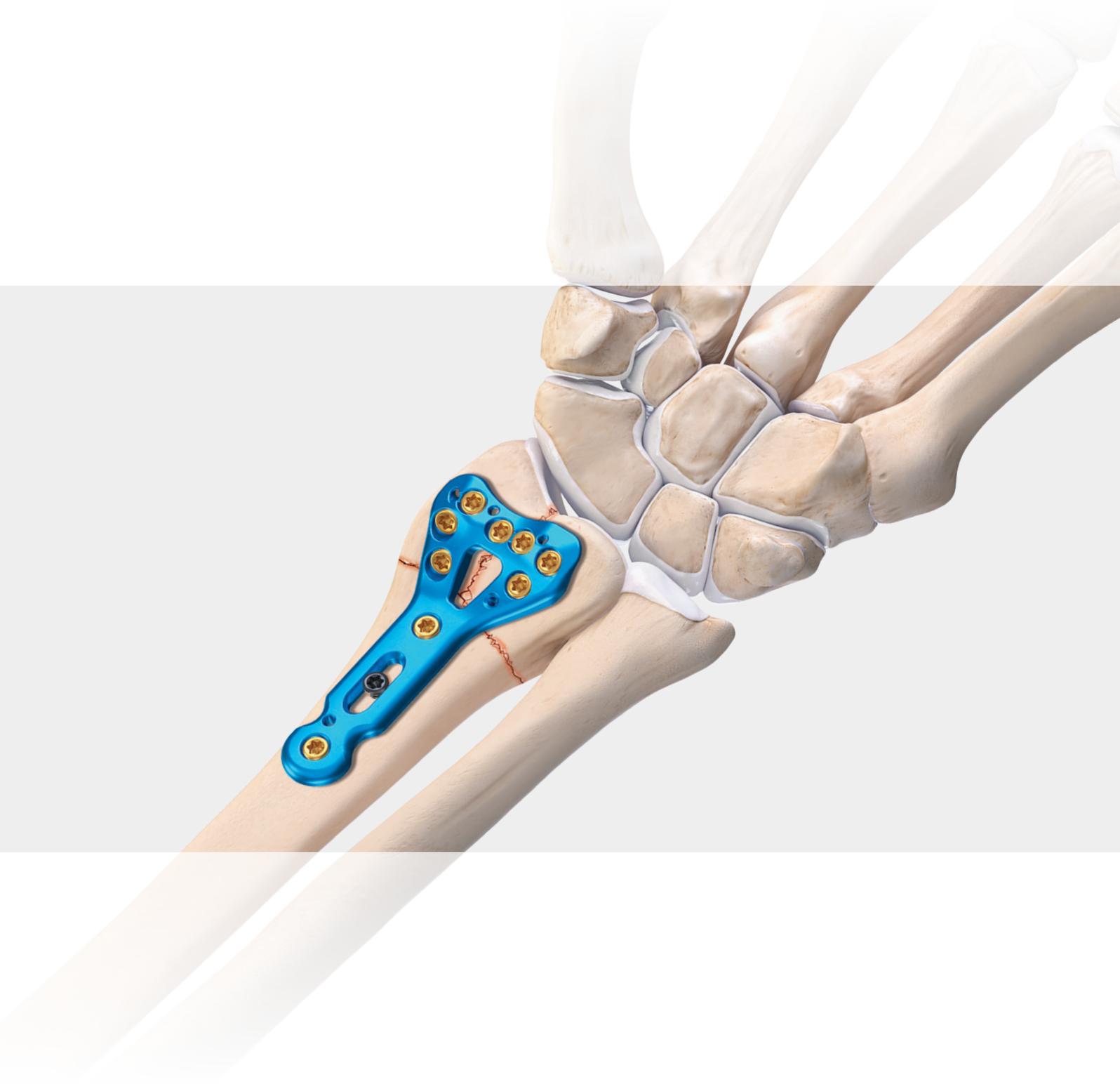


# 2.4 mm Distal Radius Plate Sterile Implant Kit

Surgical Technique



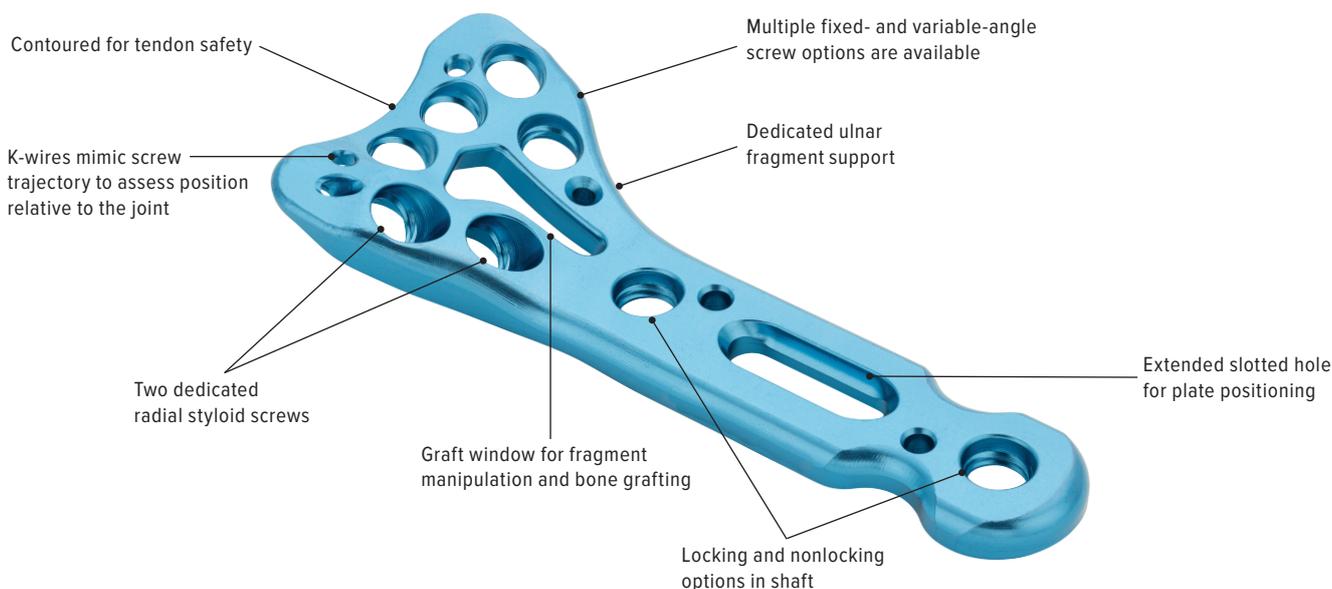


# 2.4 mm Volar Distal Radius Plate Implant

## Introduction

The Sterile Volar Distal Radius Plate Implant Kit offers an all-inclusive solution for volar distal radius fracture fixation.

- **Sterile**—All implants and instruments are sterile-packaged and ready to use.
- **Innovative**—KreuLock™ locking compression screws combine the proven technology of the Headless Compression FT screws with a locking screw head to provide gradual compression across bone fragments.
- **Compact**—The kit is designed to take up a minimum amount of shelf space to allow for better storage.
- **Quality**—The instrumentation meets Arthrex's high standards for quality and reliability.

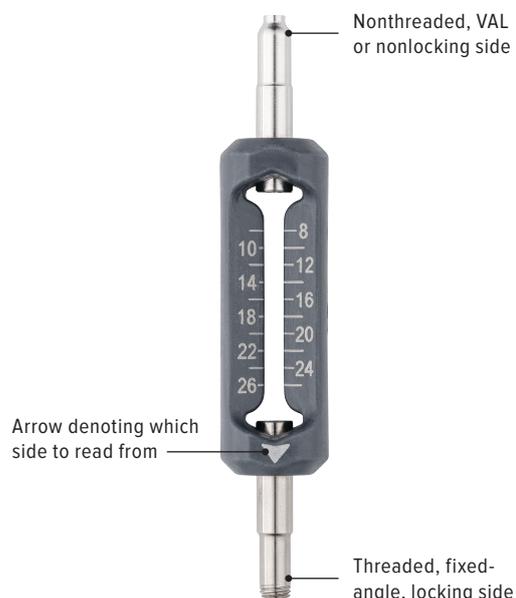


## Variable-Angle Locking Drill Guide Use

The gray drill guide is used for both the nonlocking cortical screws and the 2.4 mm KreuLock locking compression screws. The 2.4 mm KreuLock locking compression screws can be used as both variable-angle locking (VAL) and fixed-angle locking screws.

The nonthreaded side of the drill guide allows a 20° cone of variability for each screw option in the head and locking shaft holes of the plate. To properly engage the drill guide, press the nonthreaded end of the guide firmly into the plate hole until a positive stop is felt at the maximum angulation.

**Note: The arrow on either side of the guide denotes which laser marking side should be used to find the correct length screw. The arrow should be pointing down toward the bone to read the correct length.**



## 2.4 mm Distal Radius Plate Sterile Implant Kit

### Packaging



### Inner Tray Contents

#### Instrumentation

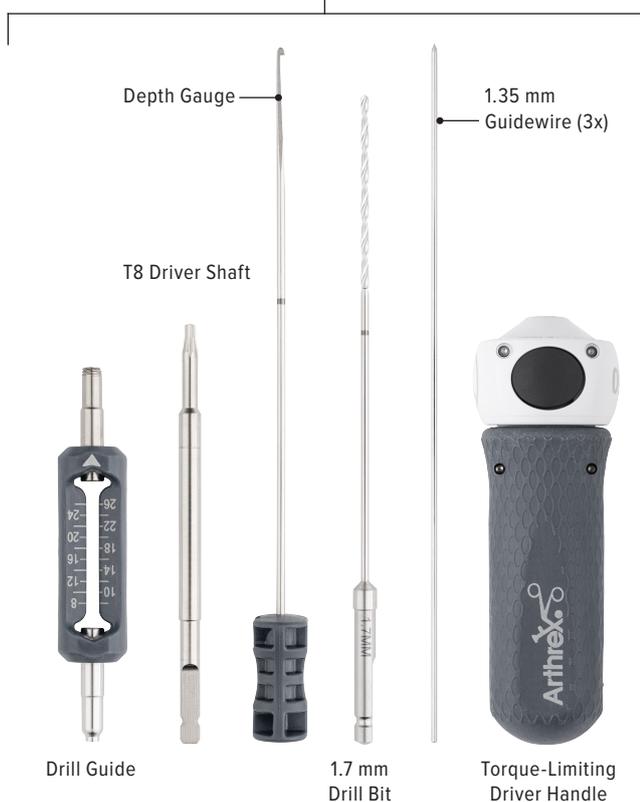


#### Implant

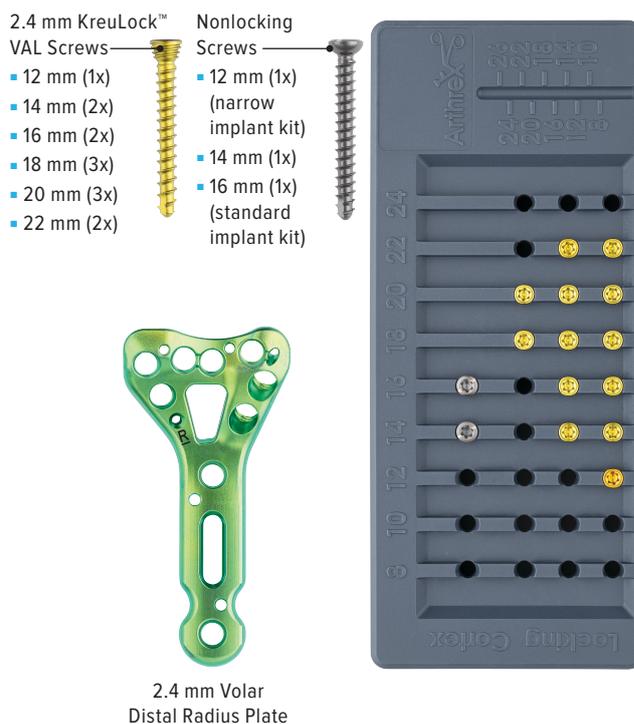


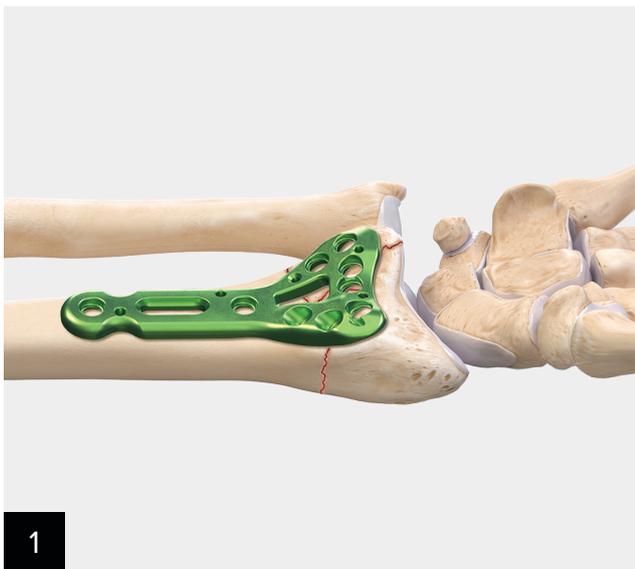
### Contents Within the Kit

#### Instrument Level Contents

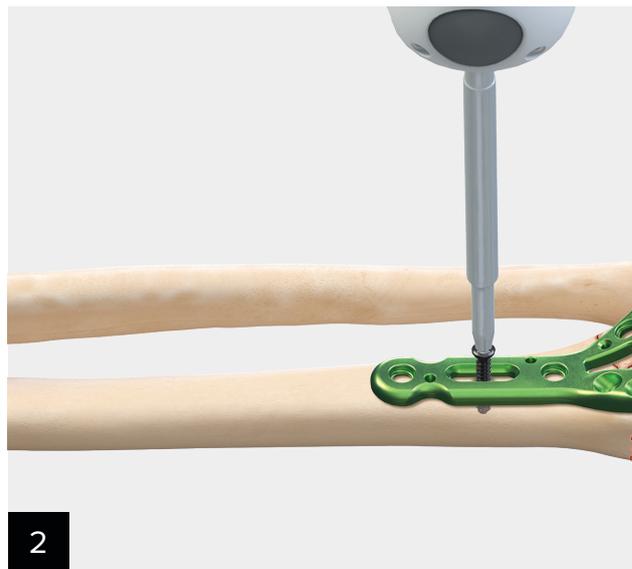


#### Implant Level Contents

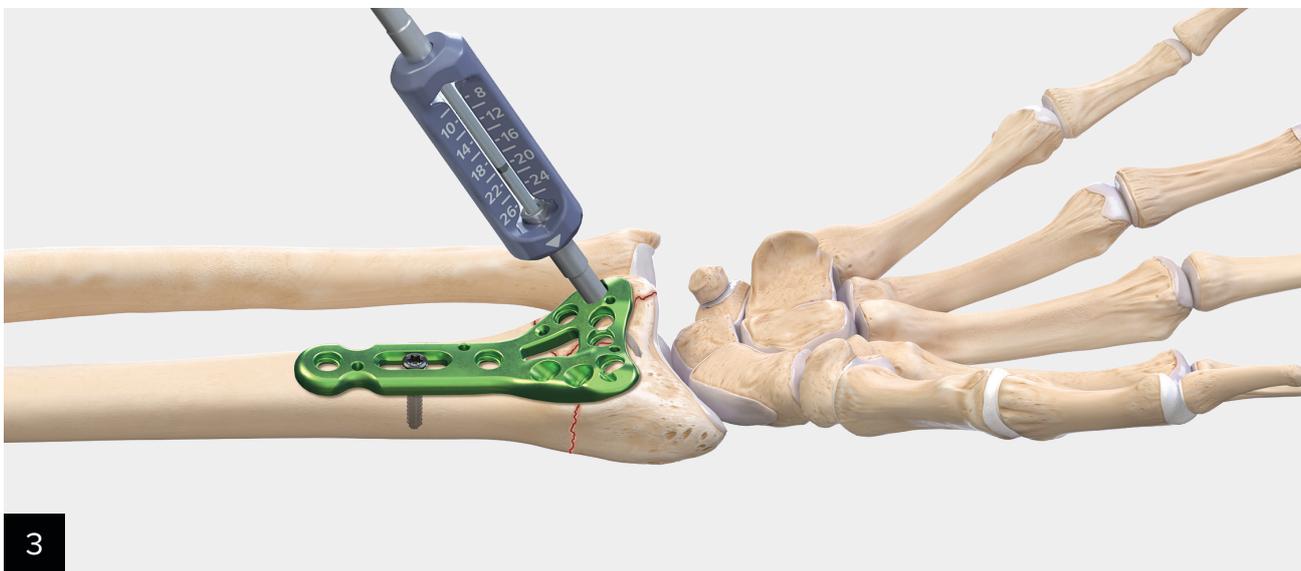




After reducing the fracture manually, use fluoroscopy to evaluate the site. Use the sterile trial plate to determine which Volar Plate Implant Kit is appropriate for the bone. Once the appropriate plate width is determined, open the sterile implant kit.

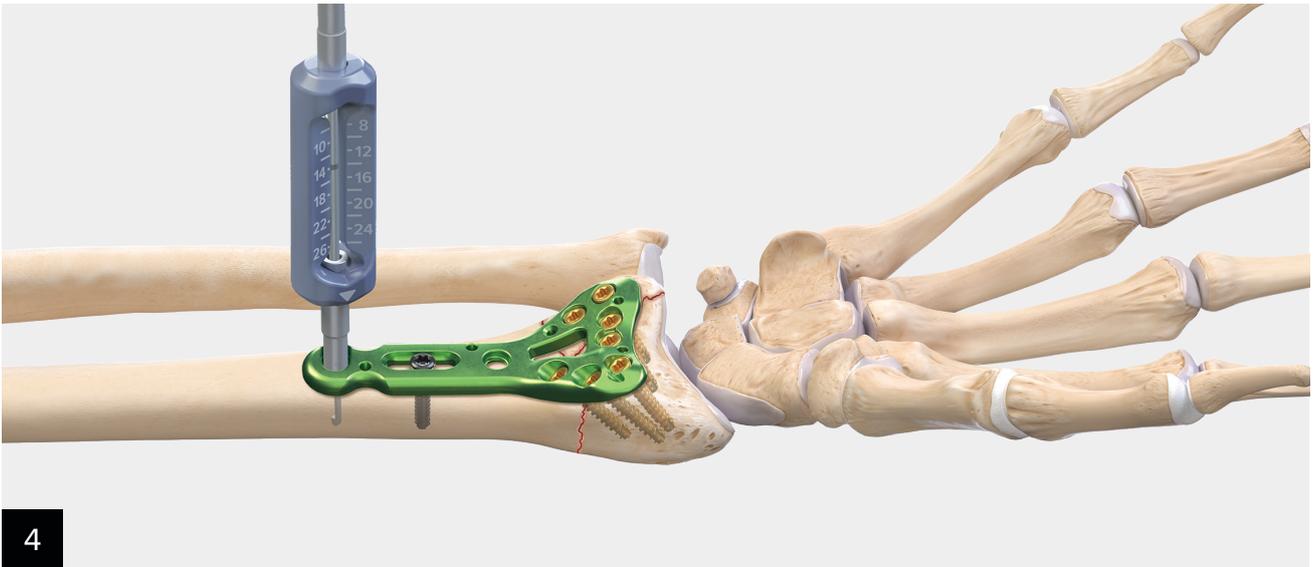


Using the 1.7 mm drill bit and nonthreaded end of the drill guide, drill, measure, and place a 2.4 mm nonlocking cortical screw through the slot in the plate shaft. The position of the plate relative to the articular surface can subsequently be fine-tuned by loosening and sliding the plate proximal or distal, if necessary.



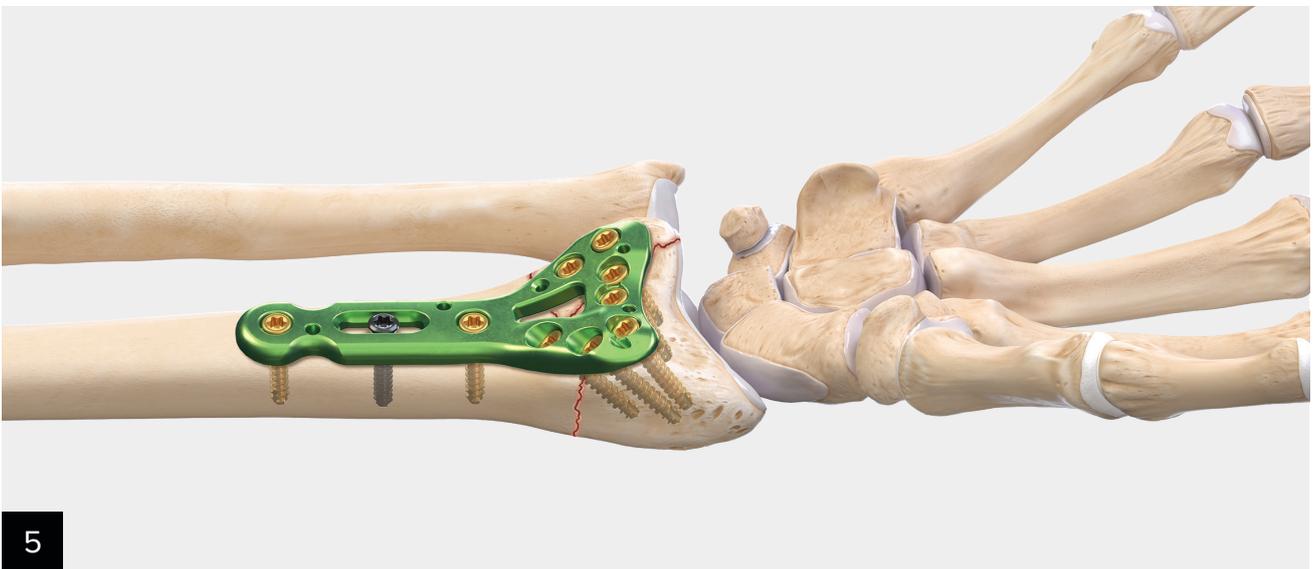
After the plate is secured onto the shaft, use the drill guide to place either VAL KreuzLock™ screws or nonlocking cortical screws into the distal plate holes. After drilling, the depth probe can be used to confirm screw lengths. Note the arrow on the drill guide faces the bone when reading off the 20 mm screw length.

**Note: The screws included in the implant kit are bell-curved and allow for buttress fixation for most distal radius fractures. If a specific length screw is needed, sterile, single-packed screws are available in separate packaging.**



Once the distal screws are placed to stabilize the fracture fragments, insert the threaded side of the drill guide into the locking shaft holes to place the remaining 2.4 mm screws. Confirm reduction under fluoroscopic imaging.

**Note: A sterile removal driver is also available in case of implant removal.**



Final fixation.

## Ordering Information

### 2.4 mm Volar Distal Radius Plate Kit Convenience Packs

Product Description	Item Number
Distal radius plate sterile implant kit 2.4 mm volar DR plate, narrow, right, 3H, KreuLock™ screws	AR-8924VNR-03CLDS
Distal radius plate sterile implant kit 2.4 mm volar DR plate, narrow, left, 3H, KreuLock screws	AR-8924VNL-03CLDS
Distal radius plate sterile implant Kit 2.4 mm volar DR plate, standard, right, 3H, KreuLock screws	AR-8924VSR-03CLDS
Distal radius plate sterile implant kit 2.4 mm volar DR plate, standard, left, 3H, KreuLock screws	AR-8924VSL-03CLDS

### 2.4 mm Volar Distal Radius Trial Plates

Product Description	Item Number
2.4 Volar distal radius trial plates, sterile	AR-8924VT-S

### 2.4 mm Volar Distal Radius Removal Driver

Product Description	Item Number
2.4 Volar distal radius system removal driver, sterile	AR-8924VD-S



### Sterile Screws (Individually Packed)

Product Description	Item Number
VAL screw, 2.4 mm, sterile	AR-8724V-xxS
Nonlocking cortical screw, 2.4 mm, sterile	AR-8916CX24-xxS
Spare screw caddy	DS-8924BX

## Additional Distal Radius Fracture Fixation Options



### Wrist Plating System

Volar and Fragment-Specific Plating



### Small External Fixation System



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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US patent information