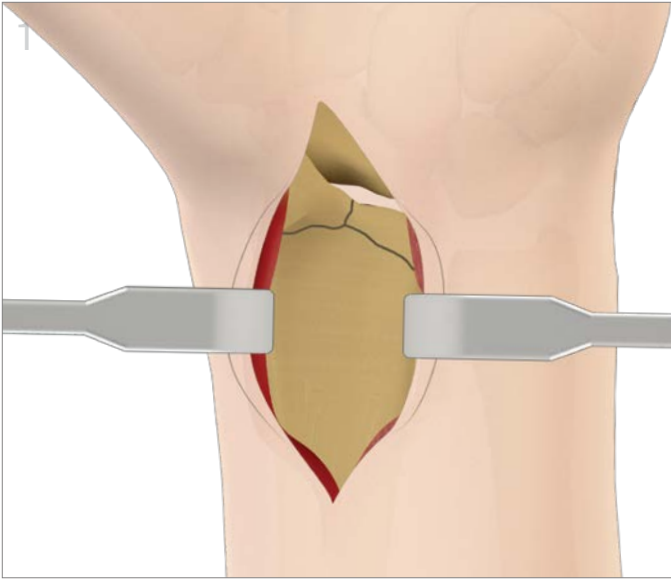


Volar Buttress Pin™

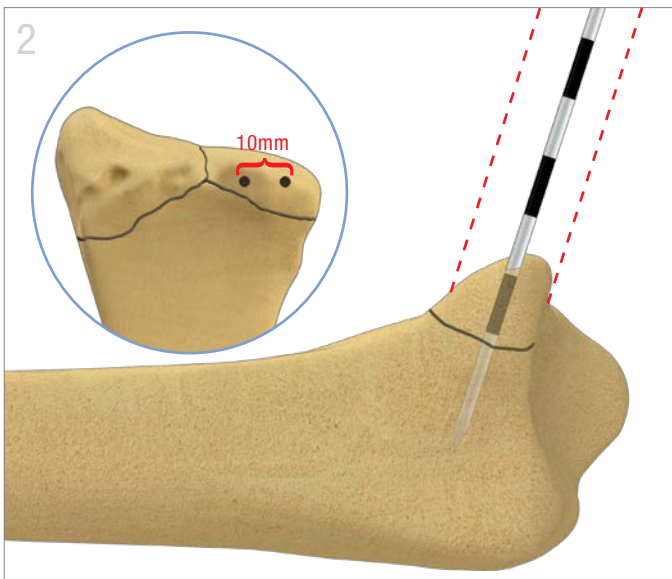
•• Wrist Fixation System 3





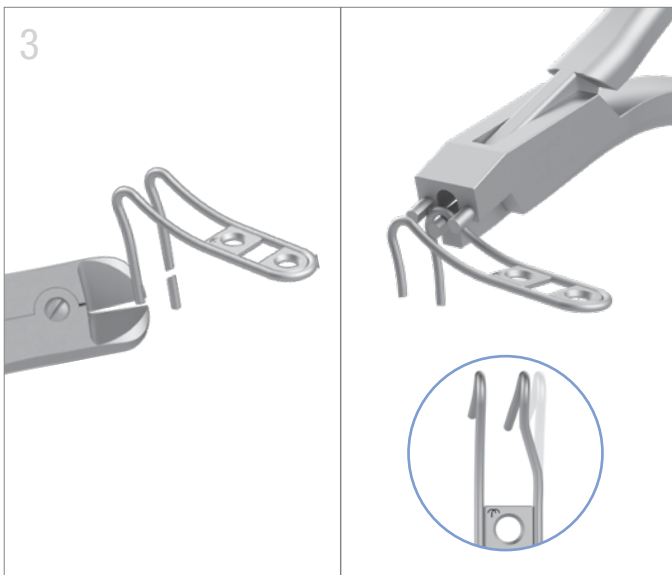
Volar Rim Exposure

- With a volar or volar ulnar approach, expose the distal radius by reflecting the pronator quadratus
- Exposure can be continued for up to 1-2 mm beyond the distal radial ridge, but avoid detaching the volar ligaments



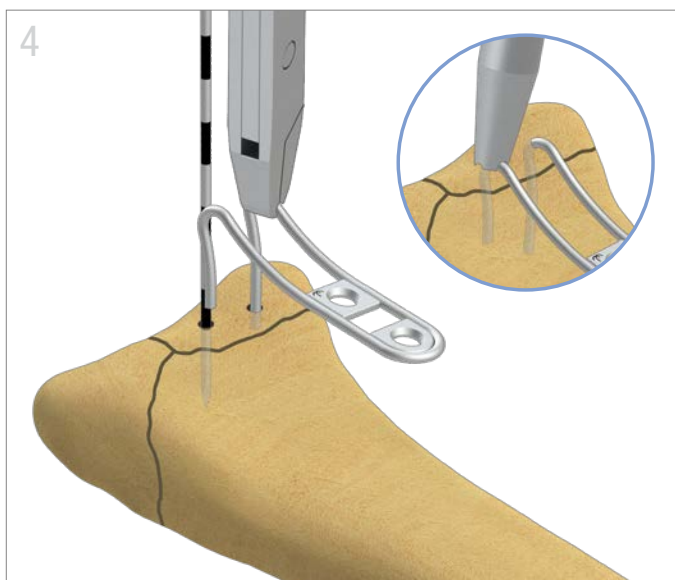
Implant Positioning

- With a 10° lateral x-ray, identify the trajectory of the central axis of the volar rim.
- Insert a 1.1mm (.045") K-wire through the apex of the volar rim down the central axis of the volar rim.
- Insert a second K-wire parallel to the first, separated approximately 10 mm. Confirm placement with X-ray.



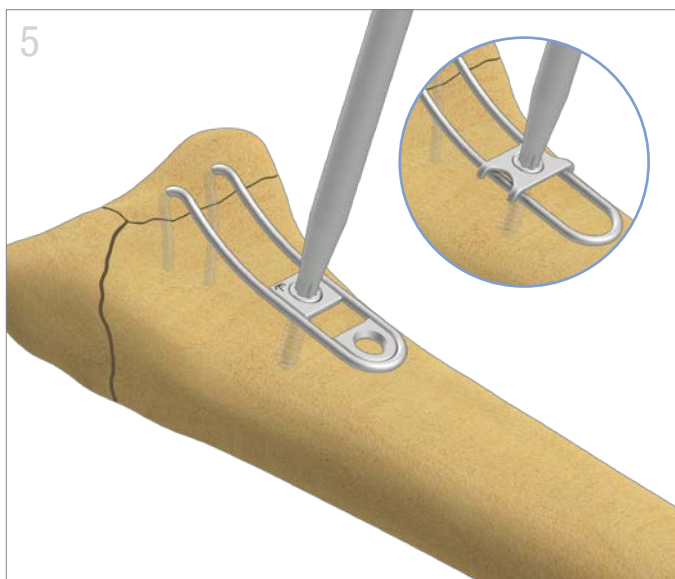
Implant Preparation

- Cut the legs of the Volar Buttress Pin to the desired length, leaving one leg approximately 3mm longer than the other.
- The leg trajectory as well as the separation between the legs can be modified as needed using the Wire Bender.



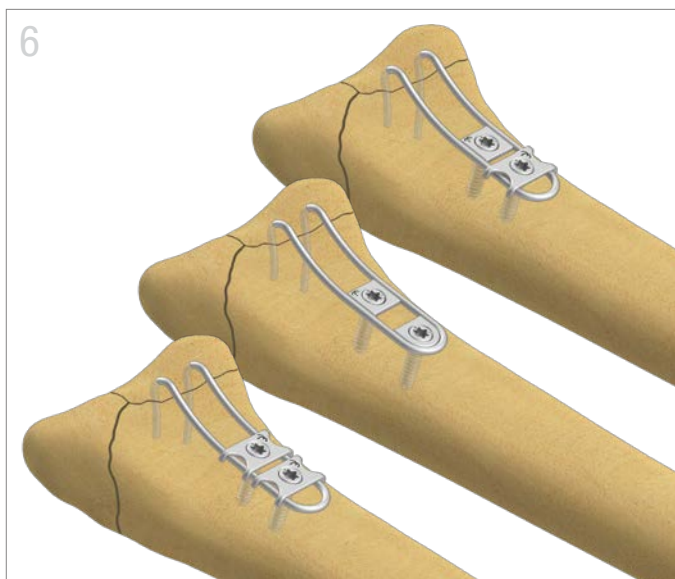
Buttress Pin Insertion

- At the apex of the bend, apply a Pin Clamp aligned to the long leg.
- Position the tip of the longest leg adjacent to the entry site in the bone of the respective K-wire.
- As the K-wire is removed, immediately engage the hole with the tip of the leg.
- Carefully switch the Pin Clamp to the shorter leg and repeat.
- Complete seating of each leg into the bone using the impactor.



Proximal Fixation

- Align the proximal portion of the Volar Buttress Pin to the shaft.
- Use the 1.8 mm (blue) drill with GUIDE-1.8/2.4 to drill a hole for the 2.4mm cortical bone screw either through the attached implant washer or in the desired position for a free washer.
- Measure and insert the appropriate 2.4 mm cortical bone screw. If a free washer is used, pre-mount the washer on the screw prior to insertion.



Final Fixation

- Insert an additional fixation through a second attached implant washer or with a free washer. Typically, this supplemental fixation is applied after all other fragments are secured.

All components are **Wrist Fixation System 3 (WS3)** items. All implants made from surgical grade stainless steel.



Cortical Screw,
2.4mm

Screw Table

	TRX2.4-XX
Length	10-32mm *
Drill	1.8mm
Guide	GUIDE-1.8/2.4
Driver	Torx 8

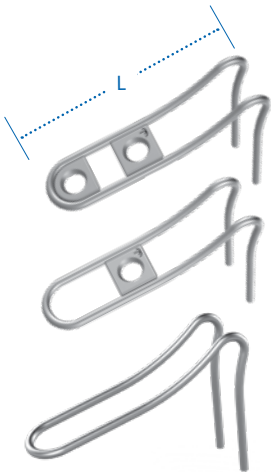
* 2mm increments

Volar Buttress Pin™

- VBP32-1 32mm
- VBP32-2 32mm
- VBP42-1 42mm
- VBP42-2 42mm

- VBP32 32mm
- VBP42 42mm

L = length



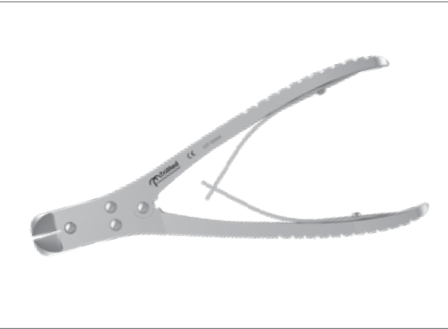
Wire Bender

BNDWIR-1.1



Wire Cutter

WIRECUTR



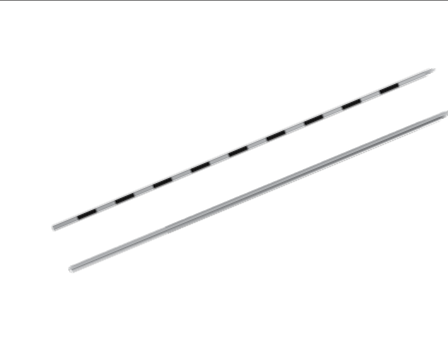
Washer

WASHR-2.4 1 Hole



K-Wire

WIRE-1.1/100
WIRE-1.6/100



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The technique presented is one suggested surgical technique. The decision to use a specific implant and the surgical technique must be based on sound medical judgment by the surgeon that takes into consideration factors such as the circumstances and configuration of the injury.

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For indications, contraindications, warnings and precautions related to TriMed Wrist Fixation System reference IFU on trimedortho.com/ifu.

See trimedortho.com/patents for all patent information.