

DYNANITE

Product Technique and Highlights

The DynaNite® Nitinol Staple Combines Low-Profile Compressive Fixation With Easy-to-Use Instrumentation

- Low-profile, 1.0 mm bridge height available in sizes: 9 mm × 7 mm, 9 mm × 10 mm, 11 mm × 10 mm, 11 mm × 12 mm, and 11 mm × 15 mm staples
- Greater compression than competitor staples used for midfoot and forefoot applications (size 20 mm × 20 mm)¹
- Fourteen different sizes offered in a combination of bridge widths and leg lengths
- Easy-to-use instrumentation makes insertion quick and accurate
- Staple is delivered preloaded on the DynaNite delivery device; the staple is also reloadable should it be required
- Trocar-tipped alignment pins provide a great bite in bone and are particularly useful for fluoroscopy
- Ergonomically designed DynaNite delivery device allows the surgeon to control the opening of the staple legs
- Drill guide “windows” facilitate easy location of staple legs in drilled holes
- Sold in single-use disposable kits

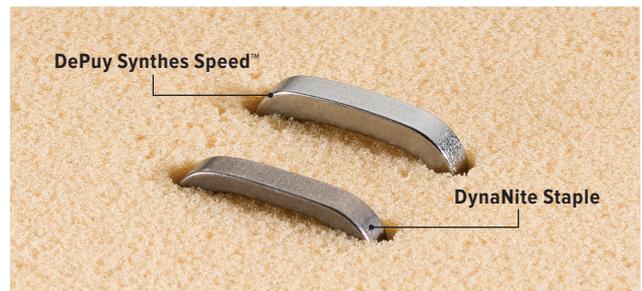
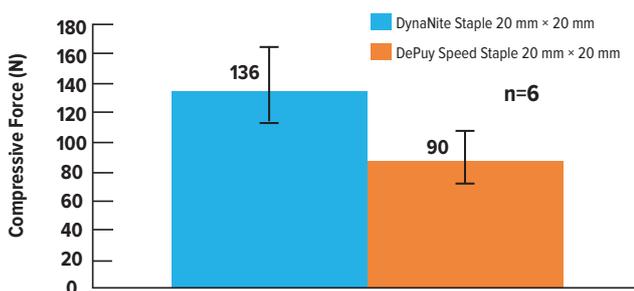


Image depicts a DynaNite low-profile staple, available in sizes: 9 mm × 7 mm, 9 mm × 10 mm, 11 mm × 10 mm, 11 mm × 12 mm, and 11 mm × 15 mm

DynaNite 20 mm x 20 mm Staple Exhibits 51% More Compressive Force Than DePuy Synthes Speed 20 mm x 20 mm Staple¹



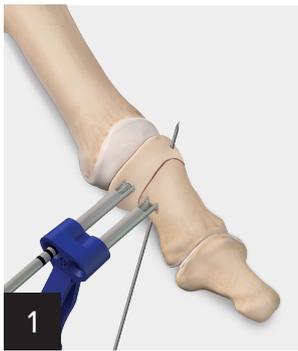
Reference

1. Arthrex, Inc. LA1-00068-EN (APT 3322). Naples, FL; 2017.

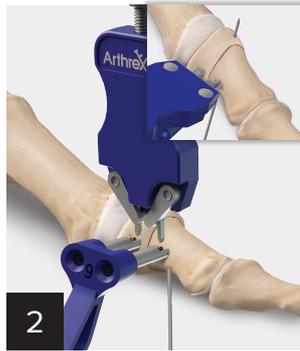


Adjustable Staple Legs

DynaNite® Nitinol Staple for Akin Osteotomy Surgical Technique



Center the DynaNite drill guide across the osteotomy site. Use the DynaNite drill bit to drill 2 holes at the osteotomy site. **Note: The drill bit is laser marked to help drill to the correct depth.**



Use the windows in the drill guide to help position the tips of the staple legs into the drilled holes.



Once the DynaNite staple is inserted and seated against the bone, turn the delivery device knob counterclockwise until the staple is no longer under tension with the delivery device. Slide the delivery device away from the staple.



The low-profile DynaNite staple is seated flush to the cortical surface.

DynaNite Nitinol SuperMX Compression Staples

Product Description	Item Number
SuperMX Staple, 15 mm × 15 mm	AR-8719MX-1515
SuperMX Staple w/ Instruments, 15 mm × 15 mm	AR-8719MXDS-1515
SuperMX Staple, 18 mm × 15 mm	AR-8719MX-1815
SuperMX Staple w/ Instruments, 18 mm × 15 mm	AR-8719MXDS-1815
SuperMX Staple, 18 mm × 18 mm	AR-8719MX-1818
SuperMX Staple w/ Instruments, 18 mm × 18 mm	AR-8719MXDS-1818
SuperMX Staple, 20 mm × 15 mm	AR-8719MX-2015
SuperMX Staple w/ Instruments, 20 mm × 15 mm	AR-8719MXDS-2015
SuperMX Staple, 20 mm × 20 mm	AR-8719MX-2020
SuperMX Staple w/ Instruments, 20 mm × 20 mm	AR-8719MXDS-2020
SuperMX Staple, 25 mm × 20 mm	AR-8719MX-2520
SuperMX Staple w/ Instruments, 25 mm × 20 mm	AR-8719MXDS-2520

DynaNite Nitinol Compression Staples

Product Description	Item Number
DynaNite Nitinol Staple, 9 mm × 7 mm	AR-8717-0907
DynaNite Nitinol Staple w/ Instruments, 9 mm × 7 mm	AR-8717DS-0907
DynaNite Nitinol Staple, 9 mm × 10 mm	AR-8717-0910
DynaNite Nitinol Staple w/ Instruments, 9 mm × 10 mm	AR-8717DS-0910
DynaNite Nitinol Staple, 11 mm × 10 mm	AR-8717-1110
DynaNite Nitinol Staple w/ Instruments, 11 mm × 10 mm	AR-8717DS-1110
DynaNite Nitinol Staple, 11 mm × 15 mm/12 mm	AR-8717-111512

Product Description	Item Number
DynaNite Nitinol Staple w/ Instruments, 11 mm × 15 mm/12 mm	AR-8717DS-111512
DynaNite Nitinol Staple, 13 mm × 10 mm	AR-8718-1310
DynaNite Nitinol Staple w/ Instruments, 13 mm × 10 mm	AR-8718DS-1310
DynaNite Nitinol Staple, 13 mm × 15 mm/12 mm	AR-8718-131512
DynaNite Nitinol Staple w/ Instruments, 13 mm × 15 mm/12 mm	AR-8718DS-131512
DynaNite Nitinol Staple, 15 mm × 12 mm	AR-8718-1512
DynaNite Nitinol Staple w/ Instruments, 15 mm × 12 mm	AR-8718DS-1512
DynaNite Nitinol Staple, 15 mm × 15 mm	AR-8719-1515
DynaNite Nitinol Staple w/ Instruments, 15 mm × 15 mm	AR-8719DS-1515
DynaNite Nitinol Staple, 18 mm × 15 mm	AR-8719-1815
DynaNite Nitinol Staple w/ Instruments, 18 mm × 15 mm	AR-8719DS-1815
DynaNite Nitinol Staple, 18 mm × 18 mm	AR-8719-1818
DynaNite Nitinol Staple w/ Instruments, 18 mm × 18 mm	AR-8719DS-1818
DynaNite Nitinol Staple, 18 mm × 18 mm/15 mm	AR-8719-181815
DynaNite Nitinol Staple w/ Instruments, 18 mm × 18 mm/15 mm	AR-8719DS-181815
DynaNite Nitinol Staple, 20 mm × 15 mm	AR-8719-2015
DynaNite Nitinol Staple w/ Instruments, 20 mm × 15 mm	AR-8719DS-2015
DynaNite Nitinol Staple, 20 mm × 20 mm	AR-8719-2020
DynaNite Nitinol Staple w/ Instruments, 20 mm × 20 mm	AR-8719DS-2020
DynaNite Nitinol Staple, 25 mm × 20 mm	AR-8719-2520
DynaNite Nitinol Staple w/ Instruments, 25 mm × 20 mm	AR-8719DS-2520
Optional	
Sizing Guide	AR-8717T
Forefoot Sizing Kit	AR-8717FSK

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.