



FOOT & ANKLE



INTELLIGENTLY
DESIGNED.

MEDLINE **ARROW-LOK® Digital Fusion System**
Optimal Stability. Intentional Simplicity. Maximum Versatility.

ARROW-LOK® Digital Fusion System



INTELLIGENT DESIGN.

Designed to be simple, easy to use and effective, the ARROW-LOK® Digital Fusion System includes implants and corresponding instruments designed to improve upon the performance of existing fusion devices used for fixation of osteotomies, arthrodeses and reconstruction in the lesser toes following corrective procedures.

Optimal Stability
Anchors in dense subchondral bone

Intentional Simplicity
Fundamental departure from over-complicated implant systems

Maximum Versatility
Options for multiple clinical indications and anatomies

Patented Design

Three-dimensional arrows facilitate insertion while providing resistance to pullout, longitudinal migration and rotational forces.

Elongated Form

The long design allows ARROW-LOK to anchor in dense, subchondral bone at the base of the proximal phalanx, ensuring excellent stability.

Uniform Strength

ARROW-LOK's uniform shaft dimension maximizes implant strength by avoiding potential stress-risers found in more complex implant designs.

Intuitive Technique

Simple, familiar surgical technique and instrumentation for repeatable and optimal patient outcomes.



Options for Multiple Indications

ARROW-LOK offers more length options for versatility and patient-customized fixation.

Proximal Interphalangeal Joint Fusion



NORMAL
MIDDLE
PHALANX

SHALLOW
MIDDLE
PHALANX

REVISING AN
IM IMPLANT

Distal Interphalangeal Joint Fusion



NORMAL
MIDDLE
PHALANX

SHALLOW
MIDDLE
PHALANX

Proximal Interphalangeal Joint and Distal Interphalangeal Joint Fusion

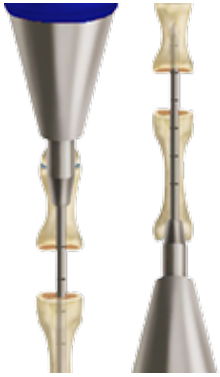


SHALLOW
MIDDLE
PHALANX

NORMAL
MIDDLE
PHALANX

Surgical Technique*

1 Ream



- » Following resection, create a pilot hole in the intramedullary canal of the proximal phalanx with the reamer
- » Take care not to ream past the subchondral bone at the base of the proximal phalanx. Verify proper placement fluoroscopically
- » Place the depth gauge over the reamer to measure the length of the intramedullary canal of the proximal phalanx
- » Create a pilot hole in the intramedullary canal of the middle phalanx with the reamer



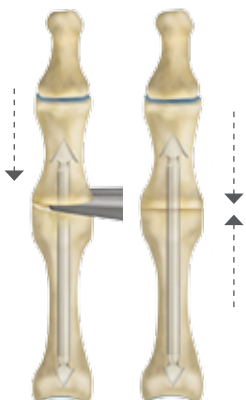
2 Broach

- » Prepare the pilot hole in the middle phalanx with the broach
- » Broach until resistance is felt, typically between 7 mm to 10 mm
- » Note the insertion depth of the broach
- » Do not broach the proximal phalanx



3 Insert

- » Determine implant length by adding the previously measured depths in the proximal and middle phalanges
- » Grasp the implant with the insertion forceps at the depth corresponding to the reaming depth in the proximal phalanx
- » Insert the smaller 2.5 mm arrow into the proximal phalanx, passing through the intramedullary canal, and firmly anchoring the implant into the dense, subchondral bone at the base of the proximal phalanx



4 Compress

- » While keeping the insertion forceps engaged, grasp the digit and insert the distal aspect of the implant into the broached aspect of the middle phalanx
- » Manually compress the proximal and middle phalanges until they both touch the insertion forceps, release the insertion forceps, and finally compress to advance the implant to its final seated position

*For PIPJ Fusion.


Actual Size Shown


13 mm
Straight


16 mm
Straight



19 mm
Straight or 10°


22 mm
Straight or 10°


25 mm
Straight or 10°


28 mm
Straight or 10°


30 mm
Straight or 10°


33 mm
Straight or 10°


35 mm
Straight or 10°


40 mm
Straight


45 mm
Straight


50 mm
Straight

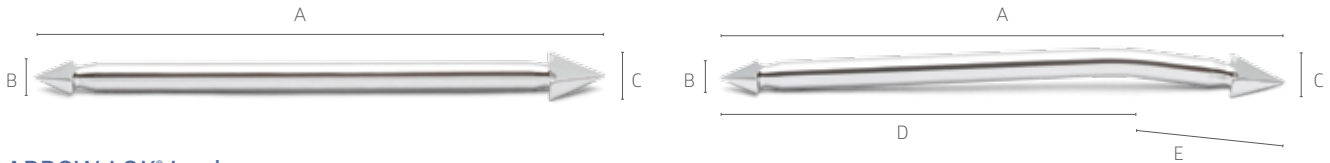
Anatomic Versatility

12 different length options, ranging from 13 mm to 50 mm, and straight and 10-degree angled options address multiple clinical indications and variations in patient anatomy.

Multiple Applications

Clinical indications include primary and revision PIPJ, DIPJ and PIPJ/DIPJ of the 2nd, 3rd, 4th and 5th digits.

Product Specifications and Ordering Information



ARROW-LOK® Implants

Item No.	Description	Overall Implant Length A	Proximal Arrow Tip Width B	Distal Arrow Tip Width C	Proximal Segment Shaft Length D	Distal Segment Shaft Length E
M21-353513	ARROW-LOK Straight, 13 mm	13 mm	3.5 mm	3.5 mm	—	—
M21-353516	ARROW-LOK Straight, 16 mm	16 mm	3.5 mm	3.5 mm	—	—
M21-253519	ARROW-LOK Straight, 19 mm	19 mm	2.5 mm	3.5 mm	—	—
M21-253522	ARROW-LOK Straight, 22 mm	22 mm	2.5 mm	3.5 mm	—	—
M21-253525	ARROW-LOK Straight, 25 mm	25 mm	2.5 mm	3.5 mm	—	—
M21-253528	ARROW-LOK Straight, 28 mm	28 mm	2.5 mm	3.5 mm	—	—
M21-253530	ARROW-LOK Straight, 30 mm	30 mm	2.5 mm	3.5 mm	—	—
M21-253533	ARROW-LOK Straight, 33 mm	33 mm	2.5 mm	3.5 mm	—	—
M21-253535	ARROW-LOK Straight, 35 mm	35 mm	2.5 mm	3.5 mm	—	—
M21-253540	ARROW-LOK Straight, 40 mm	40 mm	2.5 mm	3.5 mm	—	—
M21-253545	ARROW-LOK Straight, 45 mm	45 mm	2.5 mm	3.5 mm	—	—
M21-253550	ARROW-LOK Straight, 50 mm	50 mm	2.5 mm	3.5 mm	—	—
M27-253519	ARROW-LOK 10° Plantar Angle, 19 mm	19 mm	2.5 mm	3.5 mm	11 mm	8 mm
M27-253522	ARROW-LOK 10° Plantar Angle, 22 mm	22 mm	2.5 mm	3.5 mm	13 mm	9 mm
M27-253525	ARROW-LOK 10° Plantar Angle, 25 mm	25 mm	2.5 mm	3.5 mm	16 mm	9 mm
M27-253528	ARROW-LOK 10° Plantar Angle, 28 mm	28 mm	2.5 mm	3.5 mm	19 mm	9 mm
M27-253530	ARROW-LOK 10° Plantar Angle, 30 mm	30 mm	2.5 mm	3.5 mm	21 mm	9 mm
M27-253533	ARROW-LOK 10° Plantar Angle, 33 mm	33 mm	2.5 mm	3.5 mm	24 mm	9 mm
M27-253535	ARROW-LOK 10° Plantar Angle, 35 mm	35 mm	2.5 mm	3.5 mm	26 mm	9 mm

ARROW-LOK® Instrumentation

Item No.	Description
M95-3000	Reamer, 1.1 x 150 mm
M95-3200	Depth Gauge
M95-3500	Broach, 3.5 mm
M95-9820	Drill Bit, 2.0 mm
M95-1000	Insertion Forceps, Standard
M95-1500	Insertion Forceps, Tapered



To schedule a case with ARROW-LOK, contact your Medline Representative or visit medline.com/footandankle for more information.



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