

# Quick Reference Technique Guide

**STEP 1**

Make a longitudinal incision, on the dorsal side. Denude articular cartilage.

**STEP 7**

Reduce the joint and advance guidewire retrograde to desired placement in mid-foot.

**STEP 2**

Insert Ø1.6mm Guidewire dorsal and parallel to metatarsal axis.

**STEP 8**

Place an optional provisional Ø1.6mm Guidewire through the joint to provide additional stability through remaining procedural steps.

**STEP 3**

Measure length of metatarsal implant with Depth Gage.

**STEP 9**

Use the size appropriate Cannulated Drill to open the dorsal cortex.

*Note: DO NOT ADVANCE DRILL PAST TMT JOINT*

Metatarsal Implant	Window Drill Ø
Small	Ø3.4mm
Medium	Ø4.5mm
Large	Ø6.0mm

**STEP 4**

Open canal with Ø3.0mm Drill and remove guidewire. Progressively ream to desired size.

*Note: DO NOT POWER REAMERS, use AO Quick Connect Handle*

**STEP 10**

Place the Depth Gauge over the guidewire and record the length.

*Note: After measurement, advance guidewire 10mm to secure in place thru pilot drilling step.*

**STEP 5**

Align proper Metatarsal Implant to Implant Driver. Insert metatarsal implant until flush or just below metatarsal base. Align dorsal window to desired orientation.

**STEP 11**

Using the appropriately sized Drill, advance to measured lag screw length.

*Note: Implant Guide can be used as a tissue protector*

Implant	Pilot Drill
Small	Ø3.0mm
Medium	Ø3.4mm
Large	Ø4.5mm

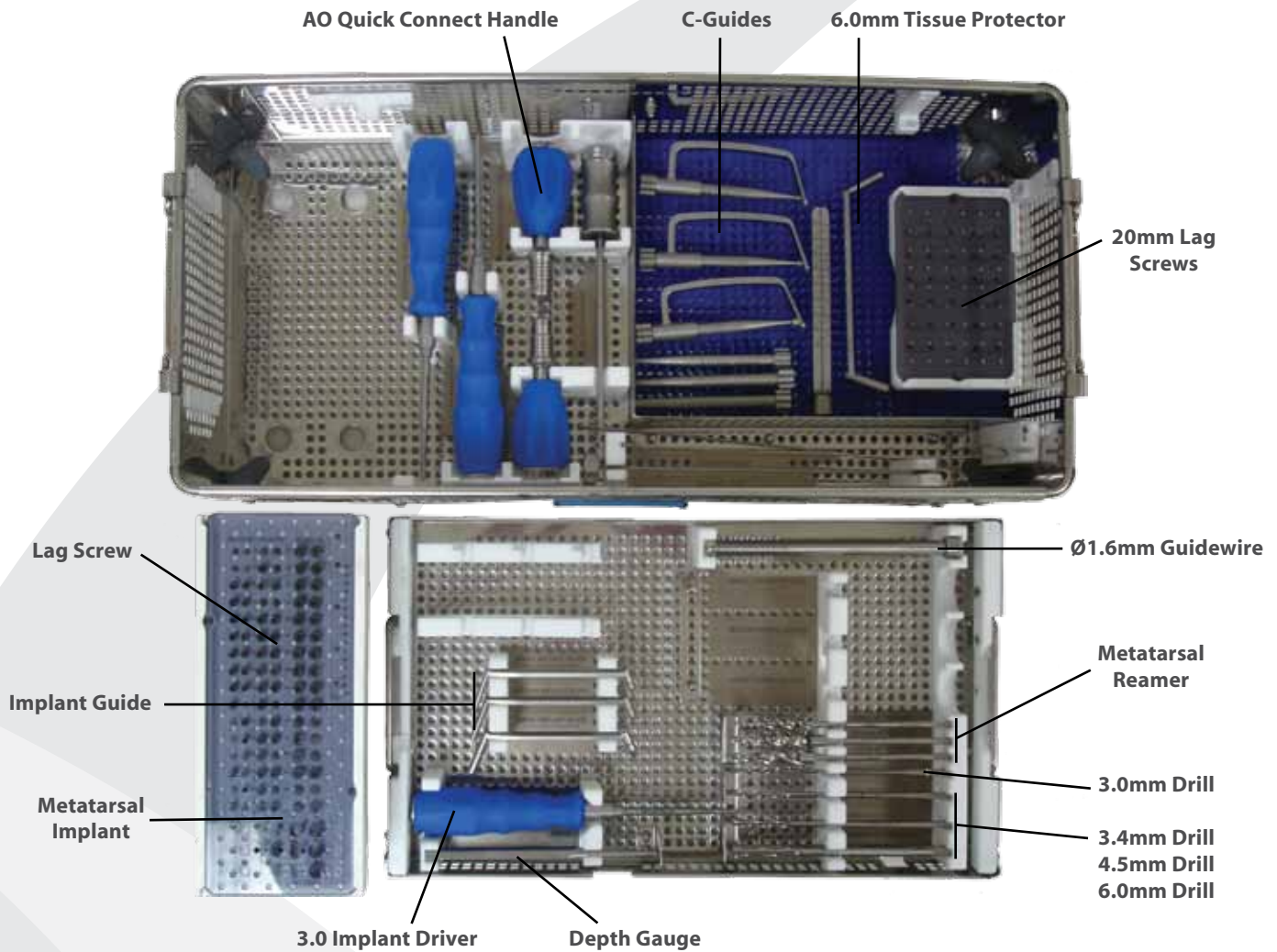
**STEP 6**

Use the corresponding Implant Guide to guide the lag screw guidewire in antegrade direction through metatarsal.

**STEP 12**

Select proper length Lag Screw, insert with Implant Driver until increase in torque is felt and lag screw is confirmed to be properly seated.

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## Implant & Instruments (Listed In Order of Use)

#	Description
1	Ø1.6mm Guidewire
2	Depth Gauge
3	Ø3.0mm Drill
4	Metatarsal Reamer
5	AO Quick Connect Handle
6	Metatarsal Implant
7	3.0 Implant Driver
8	Implant Guide
9	Cannulated Drill
10	Lag Screw
11	20mm Lag Screws
A	6.0mm Tissue Protector
B	C-Guides

### Metatarsal Implant Sizes

Catalog #	Description	Length
102-120XX*	Small Metatarsal Implant – 6.0mm x XXmm	45mm, 50mm, 55mm
102-220XX*	Medium Metatarsal Implant – 8.0mm x XXmm	50mm, 55mm, 60mm
102-320XX*	Large Metatarsal Implant – 9.0mm x XXmm	45mm, 50mm, 55mm

\*XX Denotes Implant Length

### Lag Screw Sizes

Lag Screw Length	Small Ø4.0mm Lag Screw	Medium Ø5.0mm Lag Screw	Large Ø6.5mm Lag Screw
20mm – 100mm*	102-40XXX**	102-50XXX**	102-65XXX**

\*5mm Increments    \*\*XXX Denotes Screw Length

### Drill Selection

Implant Size	Lag Screw Ø	Metatarsal Pilot Ø	Window Drill Ø	Lag Screw Drill Ø
Small	Ø4.0	Ø3.0	Ø3.4	Ø3.0
Medium	Ø5.0	Ø3.0	Ø4.5	Ø3.4
Large	Ø6.5	Ø3.0	Ø6.0	Ø4.5