

Variable Angle LCP Forefoot/Midfoot System 2.4/2.7. Procedure specific plates for osteotomies, arthrodeses and fractures of the foot.

Compression technology

Variable angle locking technology

Anatomic and procedure specific implants



This publication is not intended for distribution in the USA.

Instruments and implants approved by the AO Foundation.

Variable Angle LCP Forefoot/Midfoot System 2.4/2.7.

Procedure specific plates for osteotomies, arthrodeses and fractures of the foot.

Features and Benefits

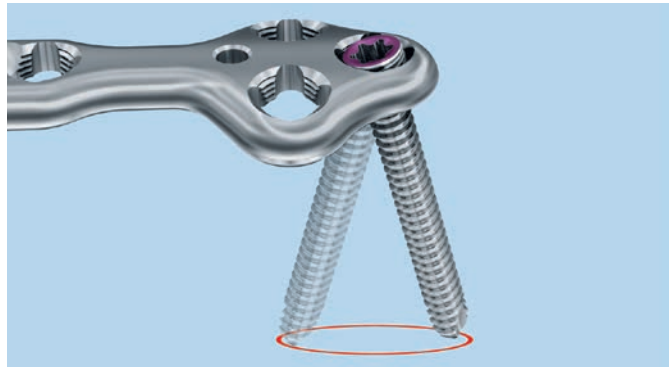
Compression technology

Compression holes used with compression wires and forceps allow for tactile compression up to 4 mm. Stop feature allows quick and easy preliminary fixation of the plate to the bone, eliminating the need for plate holding forceps.



Variable angle locking technology

Plates feature variable angle locking holes with or without a dynamic compression portion. Four columns of threads in the VA locking holes provide four threaded locking points between the plate and the VA locking screw. The result is a fixed-angle construct at the desired screw angle. Screw holes allow up to 15° off-axis screw angulation in all directions.



Decreased risk of soft tissue irritation

Low-profile plates with rounded edges and highly polished surface decrease the risk of soft tissue irritation.



System Indications

The **Straight Fusion Plates, T-Fusion Plates, L-Fusion Plates, Cloverleaf Fusion Plates and X-Plates** of the Variable Angle LCP Forefoot/Midfoot System 2.4/2.7 are indicated for fractures, deformations, revisions and replantations of bones (e.g. tarsals, metatarsals and phalanges) and bone fragments, particularly in osteopenic bone.

The **1st MTP Fusion Plate** of the Variable Angle LCP Forefoot/Midfoot System 2.4/2.7 is indicated for deformations of the first metatarsophalangeal (MTP) joint (Hallux Rigidus) and fractures, nonunions and replantations of the first metatarsal bone, particularly in osteopenic bone.

The **Opening Wedge Plate** of the Variable Angle LCP Forefoot/Midfoot System 2.4/2.7 is indicated for deformations (e.g. hallux valgus), nonunions, and replantations of the first metatarsal bone, particularly in osteopenic bone.

The **1st TMT Fusion Plates** of the Variable Angle LCP Forefoot/Midfoot System 2.4/2.7 are indicated for deformations of the first tarsometatarsal (TMT) joint (Hallux valgus) and fractures, nonunions and replantations of the first metatarsal bone, particularly in osteopenic bone.

The **TMT Fusion Plate** of the Variable Angle LCP Forefoot/Midfoot System 2.4/2.7 is indicated for deformations of the second and third tarsometatarsal (TMT) joint and fractures, deformations, nonunions and replantations of the second and third metatarsal bone, particularly in osteopenic bone.

The Synthes **VA Locking Tarsal Plates** are intended for the fixation of fractures, osteotomies, nonunions, replantations, and fusions of the Cuboid and Navicular bones, particularly in osteopenic bone.

The **Mesh Plate**, part of the Variable Angle LCP Forefoot/Midfoot System 2.4/2.7, is indicated for fractures, deformations, severe osteoarthritis and non- and mal-unions in the forefoot and midfoot, particularly in osteopenic bone.

Variable Angle LCP Forefoot/Midfoot System 2.4/2.7. Procedure specific plates for osteotomies, arthrodeses and fractures of the foot.

Variable Angle LCP General Fusion Plates 2.4/2.7

OX.211.262 – Straight Fusion Plates 2.4 / 2.7, VA locking
OX.211.263 (2 or 4 Holes)



OX.211.256 – L-Fusion Plates 2.4 / 2.7, VA locking
OX.211.261 (2 or 4 Holes, Left and Right)



OX.211.253 – T-Fusion Plates 2.4 / 2.7, VA locking
OX.211.254 (2 Holes)



OX.211.255 T-Fusion Plates 2.4 / 2.7, VA locking
(4 Holes)



OX.211.265 T-Fusion Plates 2.4 / 2.7, VA locking
(7 Holes)



OX.211.250 – Cloverleaf Fusion Plates 2.4 / 2.7,
OX.211.252 VA locking
(2 or 4 Holes)



OX.211.201 – X-Plates 2.4 / 2.7, VA locking
OX.211.204 (Extra-Small, Small, Medium, Large)

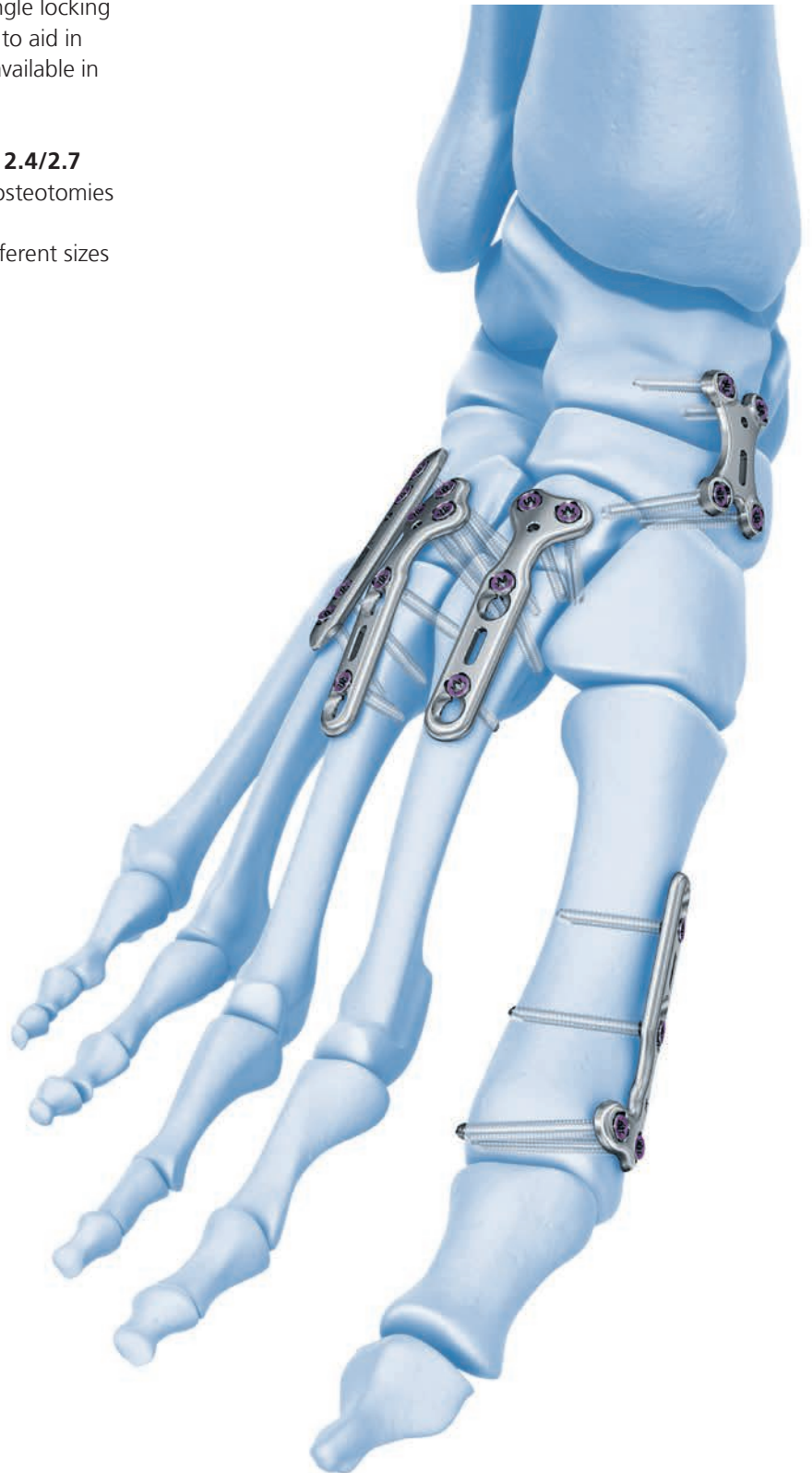


For full ordering information and product details please refer to surgical technique "Variable Angle LCP Forefoot/Midfoot System 2.4/2.7" (036.001.232).

The general fusion plates consist of variable angle locking and cortex screws, and a compression feature to aid in reconstructive foot surgery. The implants are available in stainless steel and titanium alloy.

Variable Angle LCP General Fusion Plates 2.4/2.7

- Low-profile plates for a variety of fusions, osteotomies and fractures
- All general fusion plates are available in different sizes



Variable Angle LCP Forefoot/Midfoot System 2.4/2.7. Procedure specific plates for osteotomies, arthrodeses and fractures of the foot.

Variable Angle LCP MTP Fusion Plates 2.4/2.7

OX.211.230 – 1st MTP Fusion Plates 2.4/2.7,VA Locking,
OX.211.235 small (0°, 5° or 10°, Left and Right)



OX.211.236 – 1st MTP Fusion Plates 2.4/2.7,VA Locking,
OX.211.241 medium (0°, 5° or 10°, Left and Right)



OX.211.242 – 1st MTP Fusion Plates 2.4/2.7, VA Locking,
OX.211.243 large (5°, Left and Right)



OX.211.244 – 1st MTP Fusion Plates 2.4/2.7, VA Locking,
OX.211.245 for Revision (0°, Left and Right)



Proximal and distal reamers

- Used to prepare articulating joint surfaces for fusion – specifically between metatarsals and phalanges
- Cannulated for use over a Kirschner wire for better control
- 14–24 mm reamers accept 1.6 mm Kirschner wire
- Quick coupling
- Proximal reamer is concave-shaped and forms the sphere on the joint surface
- Distal reamer is convex-shaped and forms the pocket in the joint surface
- Leading-edge radius to prevent soft tissue damage



For full ordering information and product details please refer to surgical technique "Variable Angle LCP 1st MTP Fusion Plates 2.4/2.7" (036.001.234).

Variable Angle LCP MTP Fusion Plates 2.4/2.7

- Anatomic, low-profile plates designed specifically for first MTP arthrodesis
- 10° of valgus integrated into all first MTP fusion plates

Small and medium plates

- Small and medium plates are offered in 3 different dorsiflexion angles: 0°, 5°, 10°
- Left and right plates

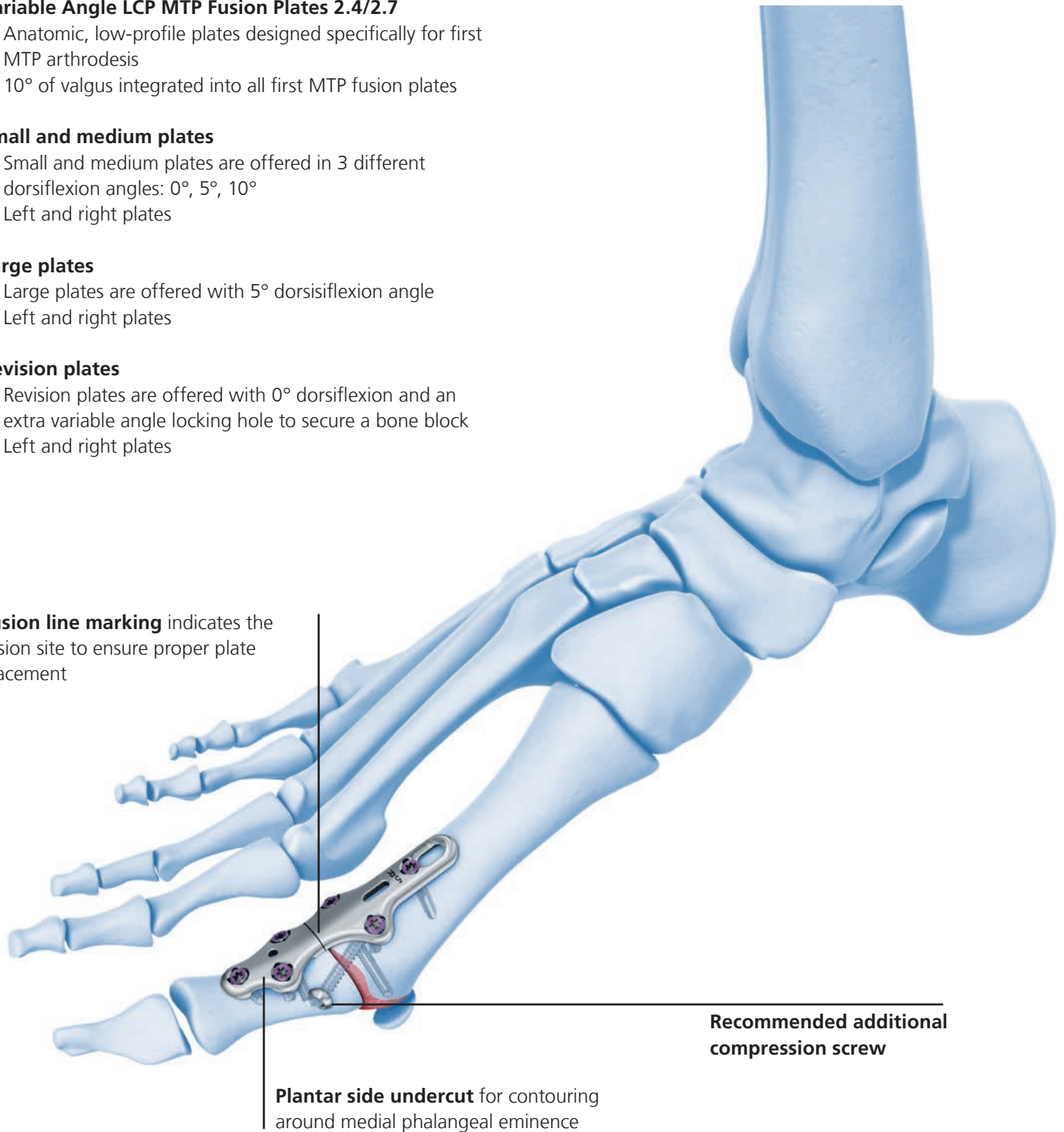
Large plates

- Large plates are offered with 5° dorsiflexion angle
- Left and right plates

Revision plates

- Revision plates are offered with 0° dorsiflexion and an extra variable angle locking hole to secure a bone block
- Left and right plates

Fusion line marking indicates the fusion site to ensure proper plate placement



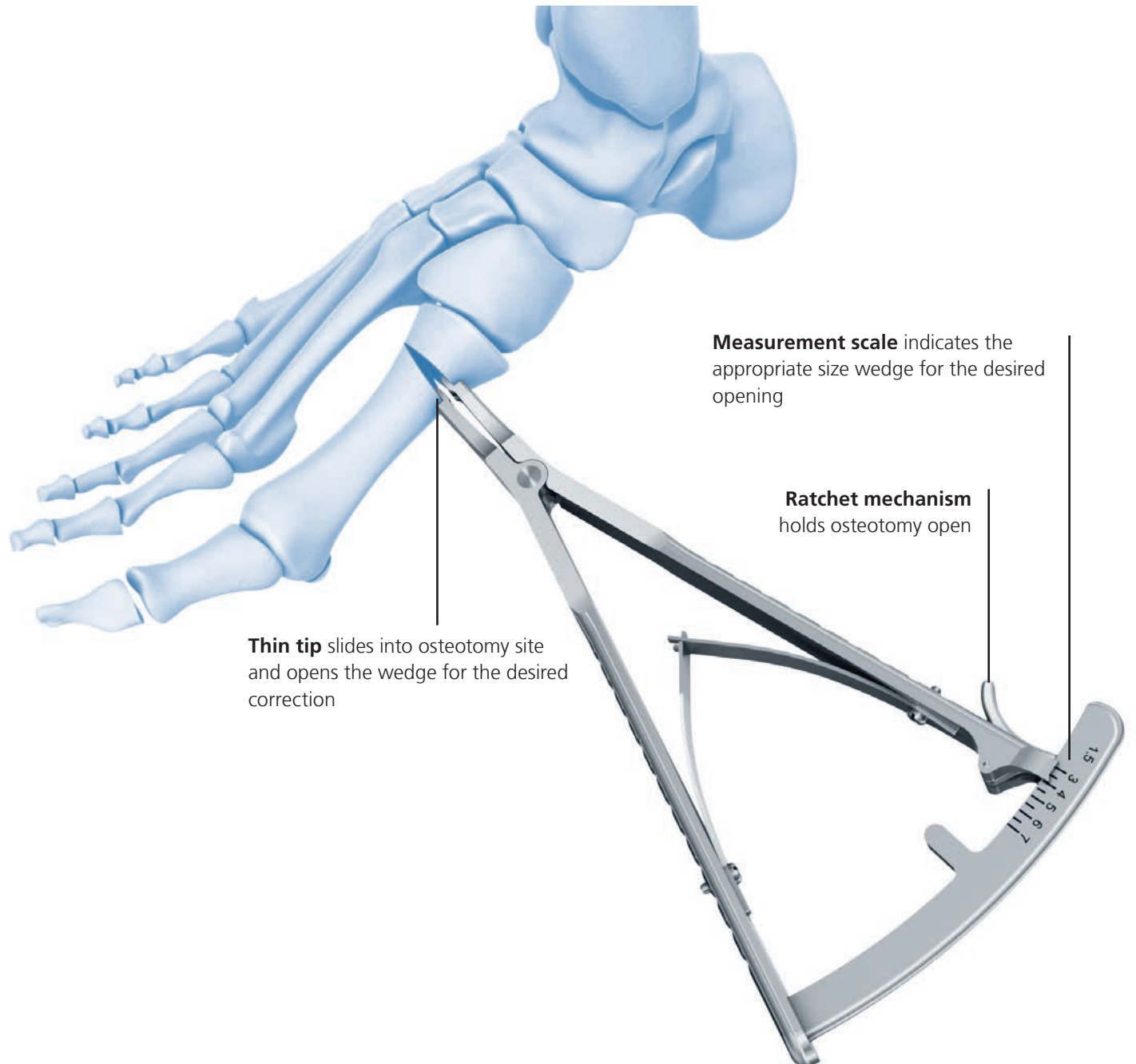
**Recommended additional
compression screw**

Plantar side undercut for contouring
around medial phalangeal eminence

Variable Angle LCP Forefoot/Midfoot System 2.4/2.7. Procedure specific plates for osteotomies, arthrodeses and fractures of the foot.

Variable Angle LCP Opening Wedge Plates 2.4/2.7

OX.211.210 – Opening Wedge Plates 2.4 / 2.7, VA locking
OX.211.215 (Without Spacer or with 3 / 4 / 5 / 6 / 7 mm Spacer)

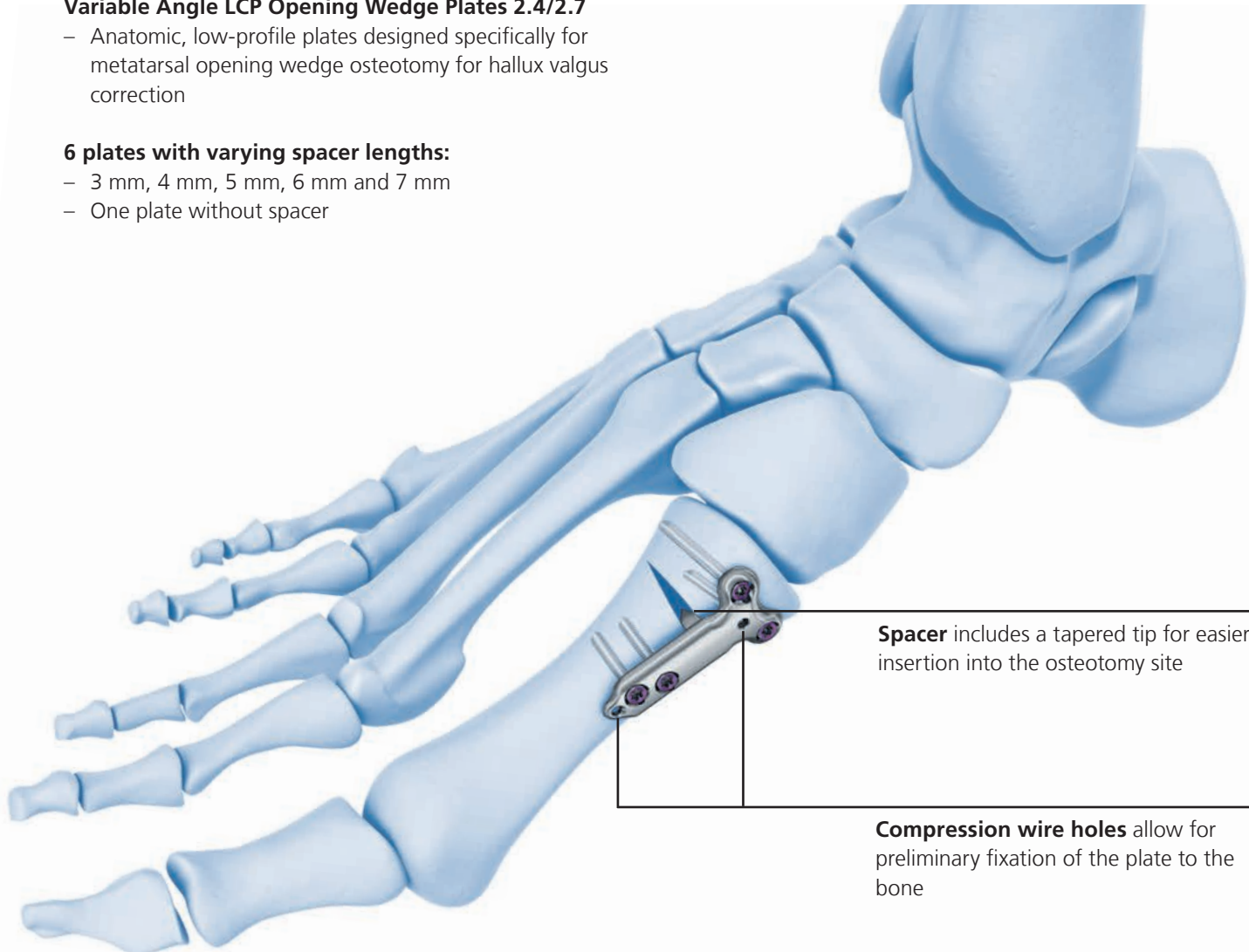


Variable Angle LCP Opening Wedge Plates 2.4/2.7

- Anatomic, low-profile plates designed specifically for metatarsal opening wedge osteotomy for hallux valgus correction

6 plates with varying spacer lengths:

- 3 mm, 4 mm, 5 mm, 6 mm and 7 mm
- One plate without spacer



Spacer includes a tapered tip for easier insertion into the osteotomy site

Compression wire holes allow for preliminary fixation of the plate to the bone

For full ordering information and product details please refer to surgical technique "Variable Angle LCP Opening Wedge Plates 2.4/2.7" (036.001.236).

Variable Angle LCP Forefoot/Midfoot System 2.4/2.7. Procedure specific plates for osteotomies, arthrodeses and fractures of the foot.

Variable Angle LCP TMT Fusion Plates 2.4/2.7

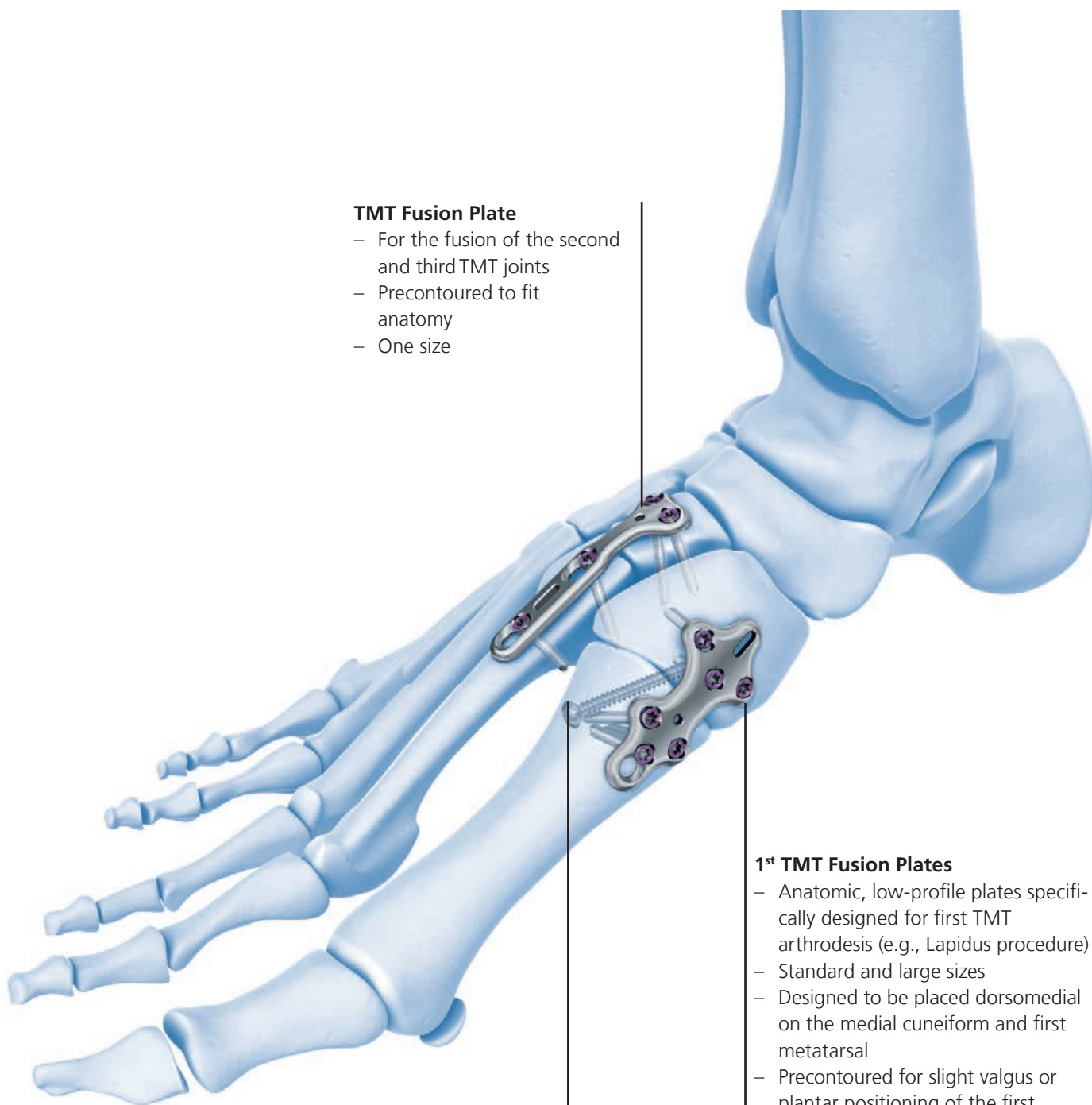
OX.211.246 – 1st TMT Fusion Plates 2.4/2.7,
OX.211.247 VA locking (Standard or Large)



OX.211.266 TMT Fusion Plate 2.4/2.7, VA locking



For full ordering information and product details please refer to surgical technique "Variable Angle LCP TMT Fusion Plates 2.4/2.7" (036.001.238).



TMT Fusion Plate

- For the fusion of the second and third TMT joints
- Precontoured to fit anatomy
- One size

1st TMT Fusion Plates

- Anatomic, low-profile plates specifically designed for first TMT arthrodesis (e.g., Lapidus procedure)
- Standard and large sizes
- Designed to be placed dorsomedial on the medial cuneiform and first metatarsal
- Precontoured for slight valgus or plantar positioning of the first metatarsal, depending on plate placement

Recommended additional compression screw

Implant Removal

Implant Removal

In case the physician decides to remove the implants, implants can be removed by using general surgical instruments. In case of difficult removal circumstances, a Screw Extraction Set is available with corresponding instructions (036.000.917).

