



Ankle Fusion Plating System

The ankle fusion plating system is a new type of polyaxial plating system for ankle arthrodesis. The system provides a complete solution for tibiotalar (TT) and tibiotalocalcaneal (TTC) arthrodesis.

The anatomically adapted plates allow ventral, anterolateral, dorsal or lateral access. The screws can be placed either polyaxially or monoaxially. A clear color-coded instrument set completes the innovative system.

Ankle Fusion Plate TT, anterolateral






Optional temporary fixation with K-Wires

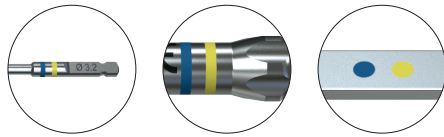
The oblong hole allows axial compression

Compression hole for cannulated screws \varnothing 7.3 mm




Talus fixation due to polyaxial screw holes

Cortical Screw \varnothing 4.5 mm
Locking Cancellous Bone Screw \varnothing 6.5 mm

-  Drill Bit \varnothing 3.2 mm
-  Drill Guide 3.2 mm
-  Double Drill Guide 3.2 / ML






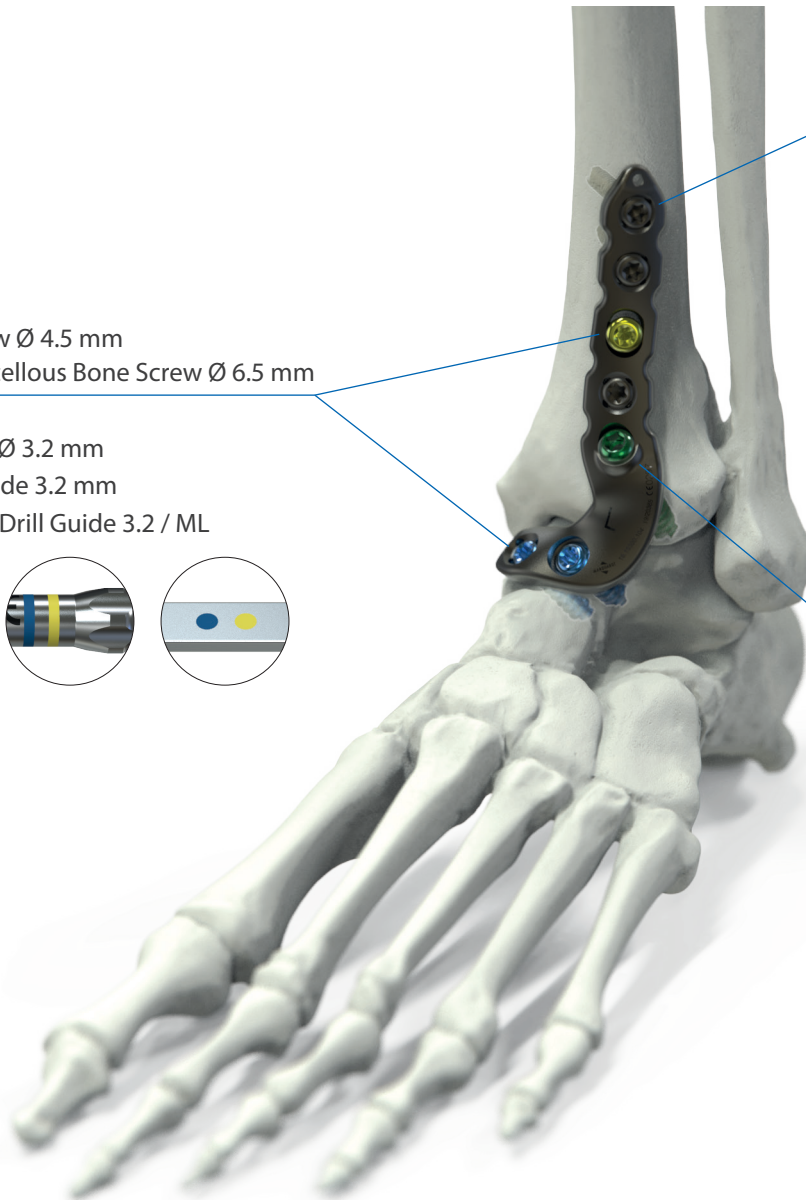
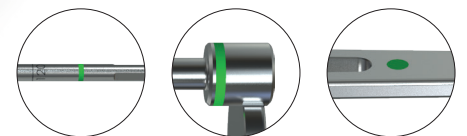
Locking Cortical Screw \varnothing 5.0 mm

-  Drill Bit \varnothing 4.2 mm
-  Drill Guide 4.2
-  Double Drill Guide 4.2 / ML

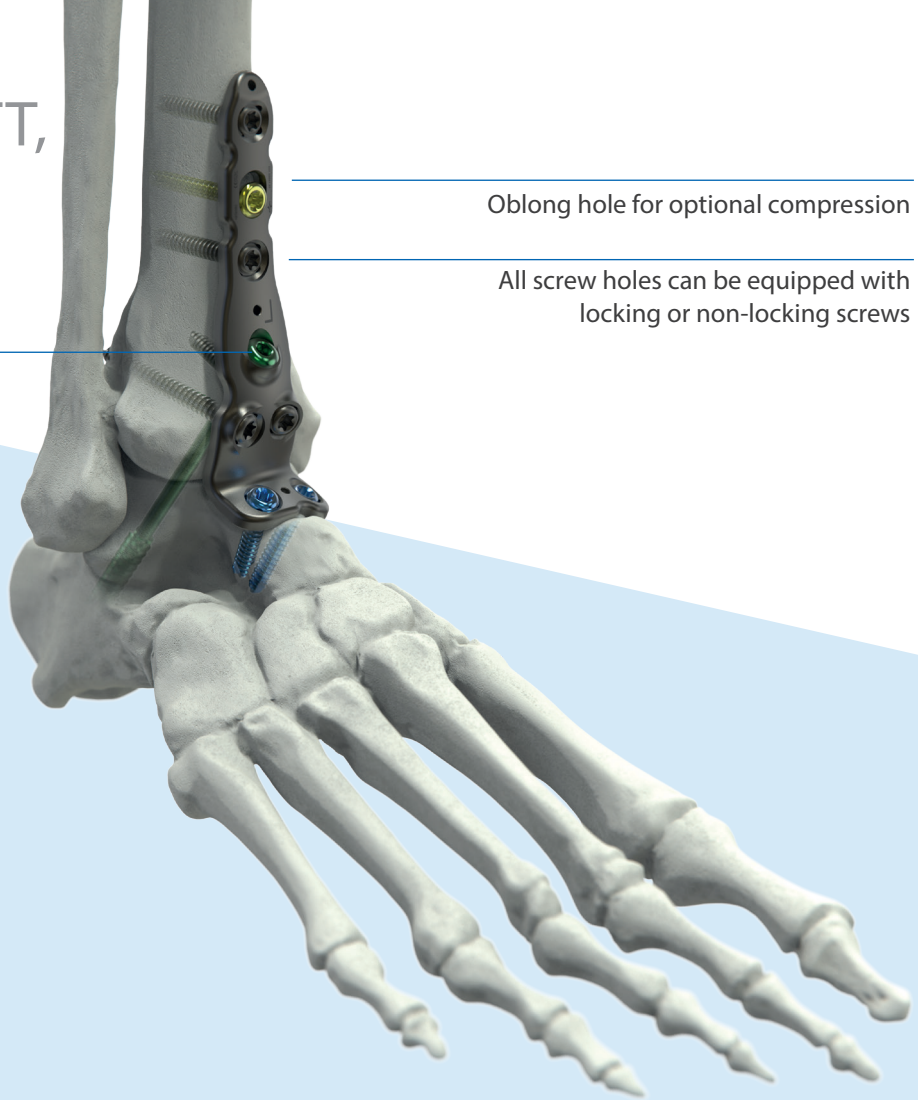


Cannulated Screw \varnothing 7.3 mm

-  Drill Bit \varnothing 5.0 mm
-  Centering Sleeve 5.0 for K-Wire
-  Drill Guide 5.0



Ankle Fusion Plate TT, anterior

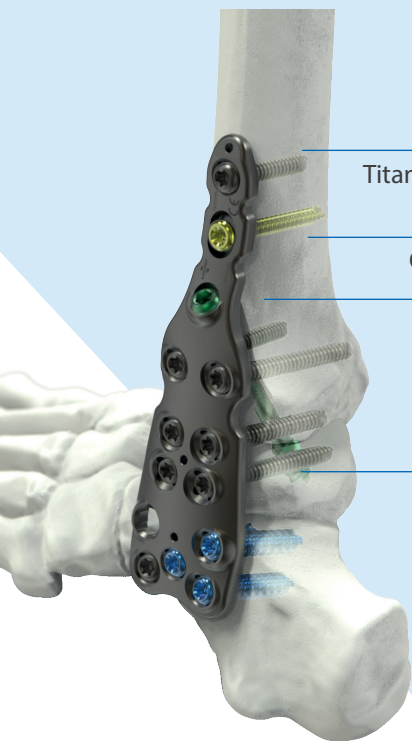


Oblong hole for optional compression

All screw holes can be equipped with locking or non-locking screws

Compression hole for \varnothing 7.3 mm transfixation screw

Ankle Fusion Plate TTC, lateral



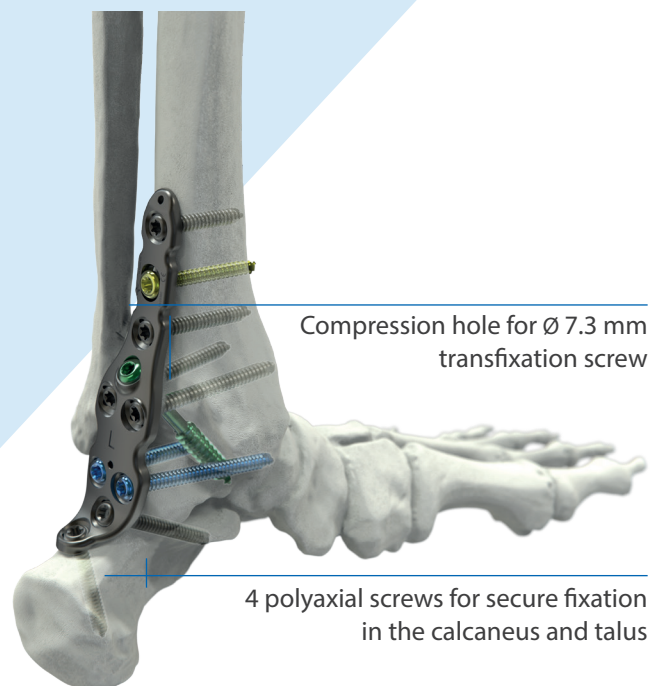
Titanium implants with type II anodization

Oblong hole for optional compression

Compression hole for \varnothing 7.3 mm transfixation screw

Stable fixation for talus and calcaneus via 9 polyaxial screw holes

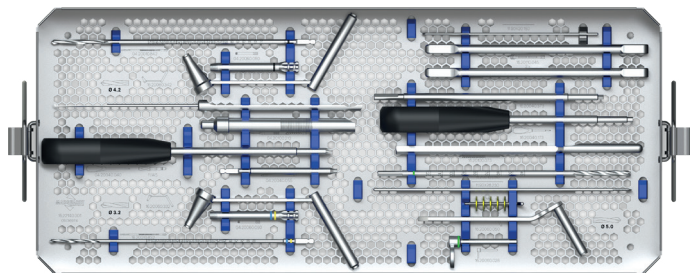
Ankle Fusion Plate TTC, posterior



Compression hole for \varnothing 7.3 mm transfixation screw

4 polyaxial screws for secure fixation in the calcaneus and talus

Ankle Fusion Plating System



Instruments



Ankle Fusion Plate TT, anterolateral
 16.15300.1XX(S) left 16.15300.0XX(S) right
 Holes 4, 6
 Length 93, 118 mm



Ankle Fusion Plate TT, anterior
 16.15350.1XX(S) left 16.15350.0XX(S) right
 Holes 3, 5
 Length 102, 130 mm



Cortical Screw Ø 4.5 mm, self-tapping
 04.03745.XXX Length 20-50 mm



Locking Cortical Screw Ø 5.0 mm, self-tapping
 04.05755.XXX Length 20-60 mm



Locking Cancellous Bone Screw Ø 6.5 mm, self-tapping
 04.05800.XXX Length 20-60 mm



Ankle Fusion Plate Template

16.15xxx.xxx 1 = Implant
 16.25xxx.xxx 2 = Template
 Templates are available for all plate types



Ankle Fusion Plate TTC, posterior
 16.15200.1XX(S) left 16.15200.0XX(S) right
 Holes 3, 5
 Length 108, 136 mm



Ankle Fusion Plate TTC, lateral
 16.15100.00X(S)
 Holes 3, 5
 Length 119, 147 mm



Cannulated Ø 7.3 mm, self-tapping
 08.03916.XXX Length 45-100 mm



Cannulated Ø 7.3 mm, self-tapping
 08.03932.XXX Length 50-100 mm



Cannulated Ø 7.3 mm, self-tapping
 08.03900.XXX Length 50-100 mm

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Note:
 This description is not sufficient for immediate application of the instruments. Further information is available in the detailed surgical technique.
 Maintenance, care and preparation of Marquardt instruments can be found in the corresponding instructions.