serf extremity

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F.A.S.T.®

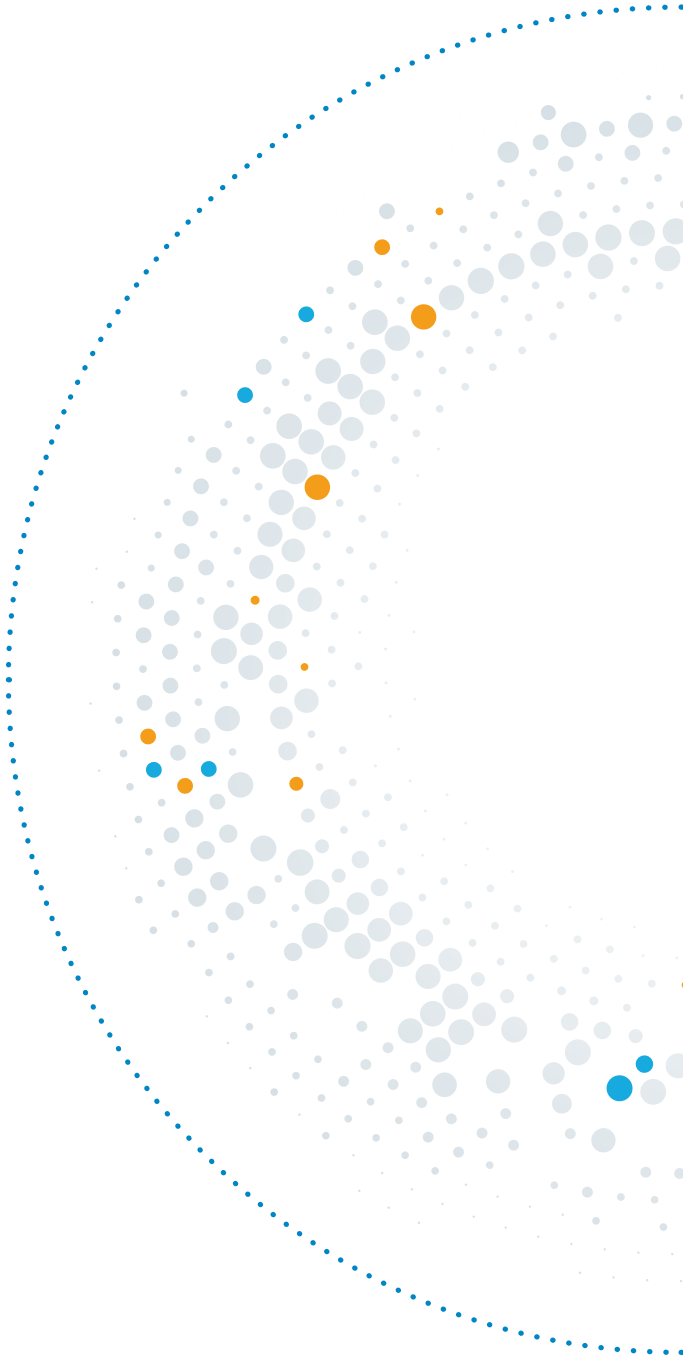
Foot & Ankle Surgery Technologies

PLATES

FORE & MID FOOT

SURGICAL TECHNIQUE

Serf Extremity introduces its new range of **F.A.S.T.®** Plating System specifically dedicated to extremities surgery.
This range has been developed in close cooperation with expert surgeons and is dedicated to a wide panel of surgical indications of forefoot & midfoot surgery.
The ergonomics and interchangeability of the associated instruments, which were reduced in number and size, were considered at each stage of the **F.A.S.T.®** range development.



Access to the F.A.S.T.® plates Instruction Manual: http://doc.serf.fr/0213.pdf

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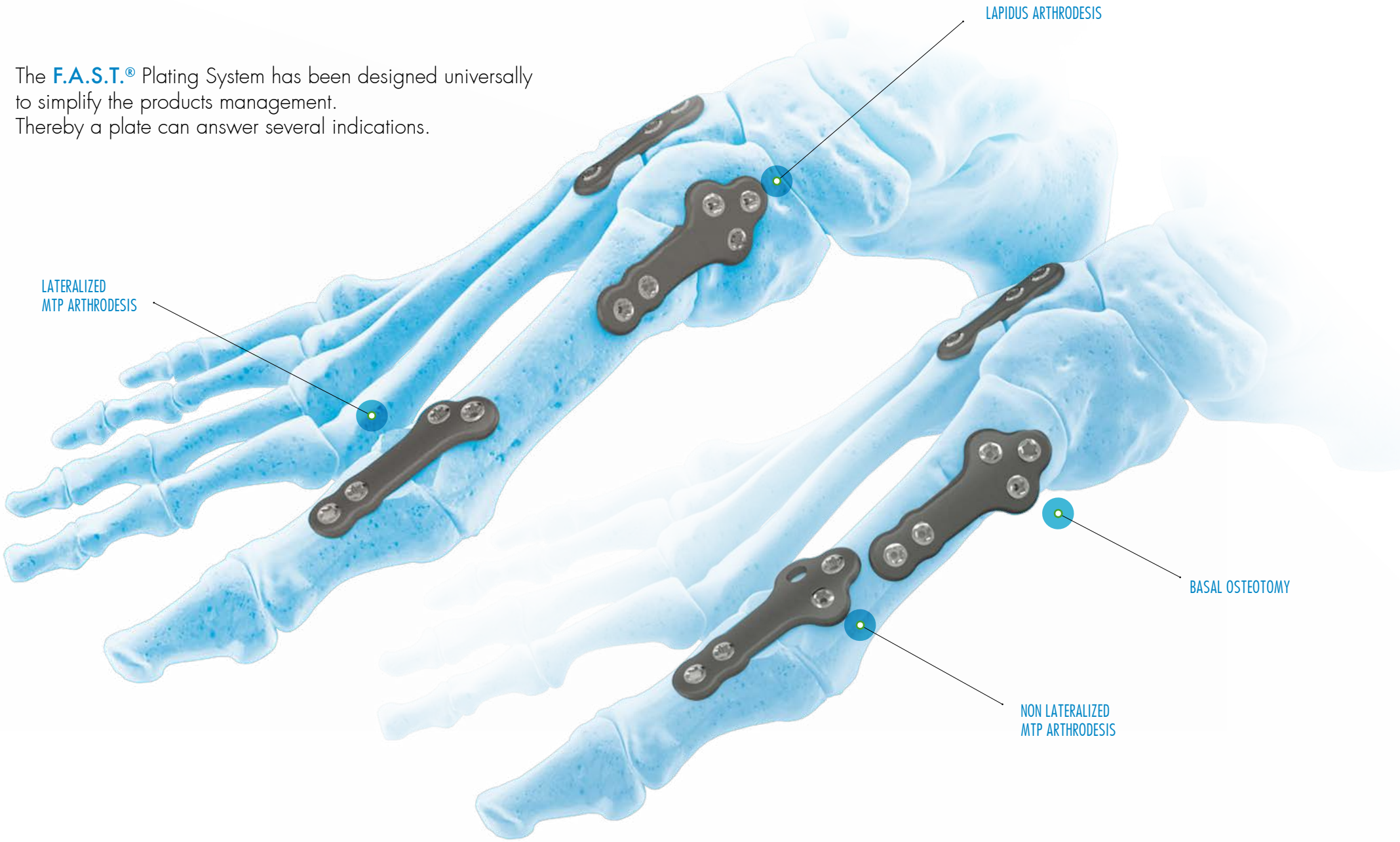
TECHNICAL FEATURES

The **F.A.S.T.**® Plating System has been designed universally to simplify the products management.
Thereby a plate can answer several indications.



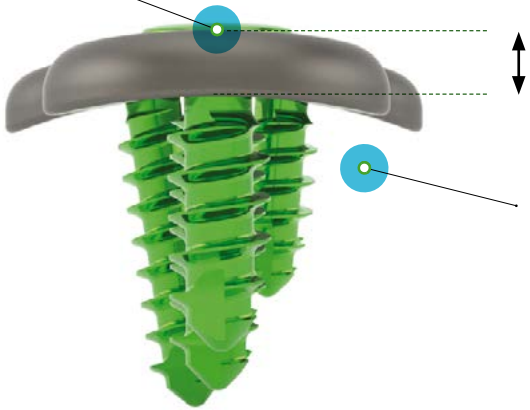
Raw Material : Titanium TA6V ELI ISO 5832-3

MINIMAL INVASIVE RANGE

Due to its size of 30 mm, the **F.A.S.T.®** range of plates allows a minimally invasive approach.

MONOAXIAL LOCKING SYSTEM

The locking screws allow a monoaxial locking. To avoid cold welding, the plates are anodized type II.



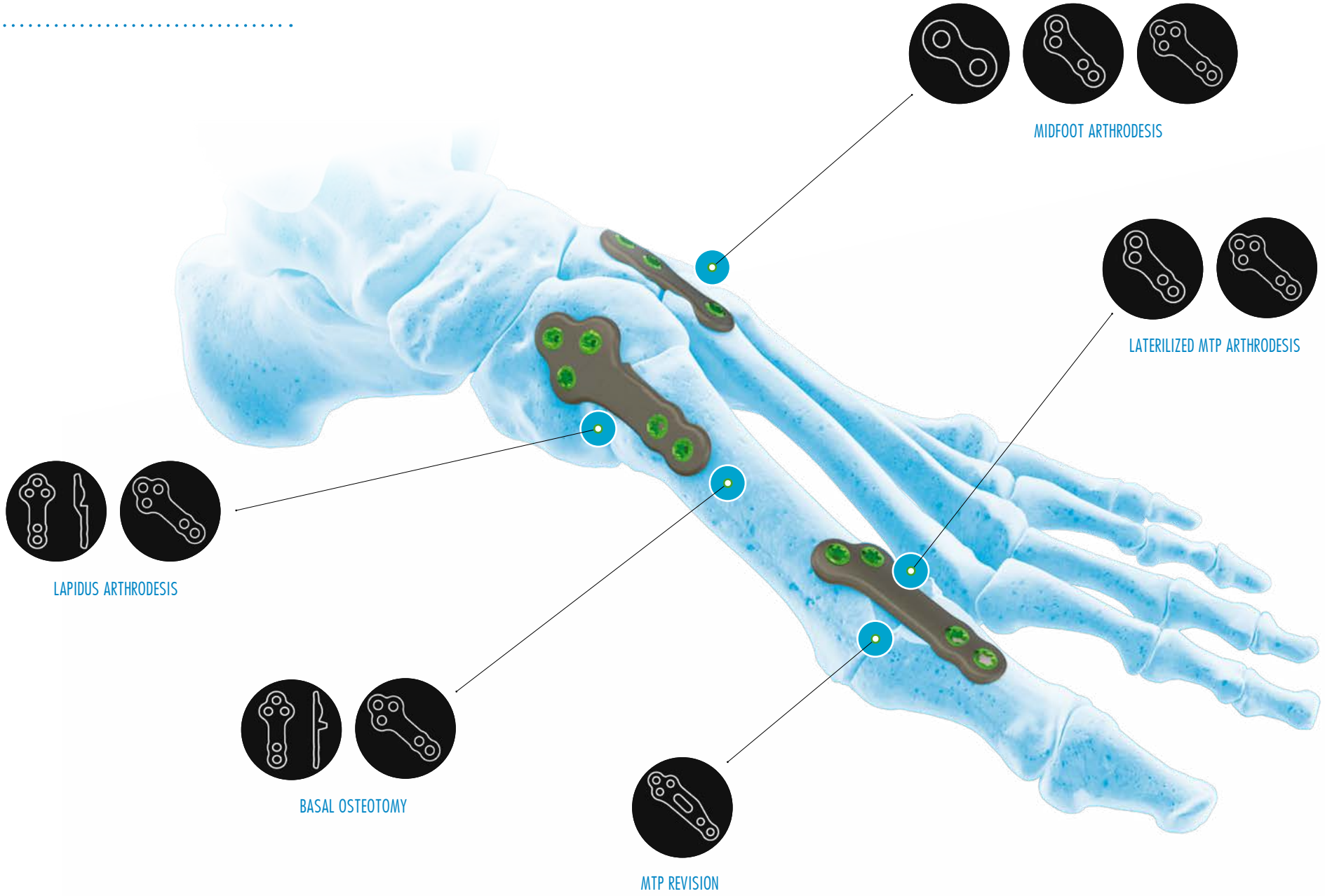
LOW PROFIL LOCKING SYSTEM

Locking screws head has the same thickness of the plate which limits the risk of soft tissue irritation.

PREHENSIVE HEXALOBULAR INPRINT

The locking and non-locking screws have been designed with an Hexalobular internal driving feature which provides high torx transmission while minimizing the potential for screw head stripping.
F.A.S.T.® screws have a Hexalobular inprint in order to transmit the tightening torque without risk deterioration of the screw.
(Furthermore the screwdriver is prehensive)

INDICATIONS



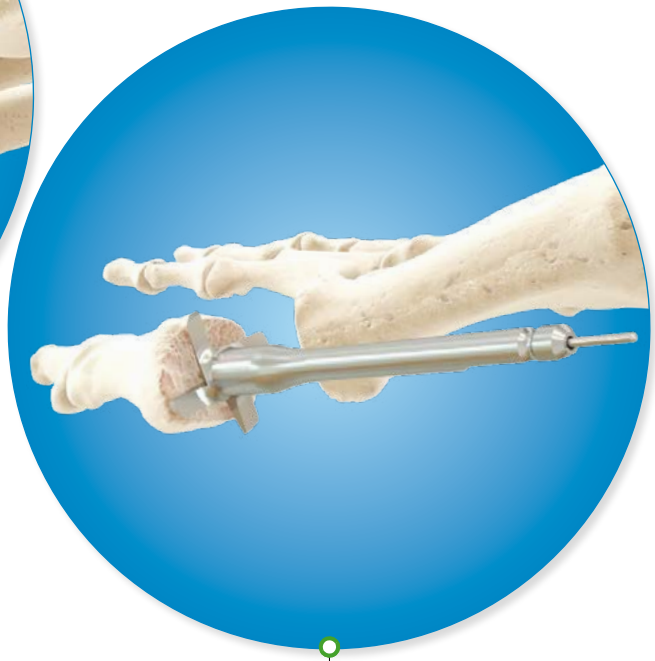
SURGICAL TECHNIQUE

1

Dislocate the MTP joint in order to expose the head of the metatarsal and the proximal phalanx.

2

Center the Ø 1.6 k-wire in the metatarsal head. Remove the cartilage with the universal concave reamer.

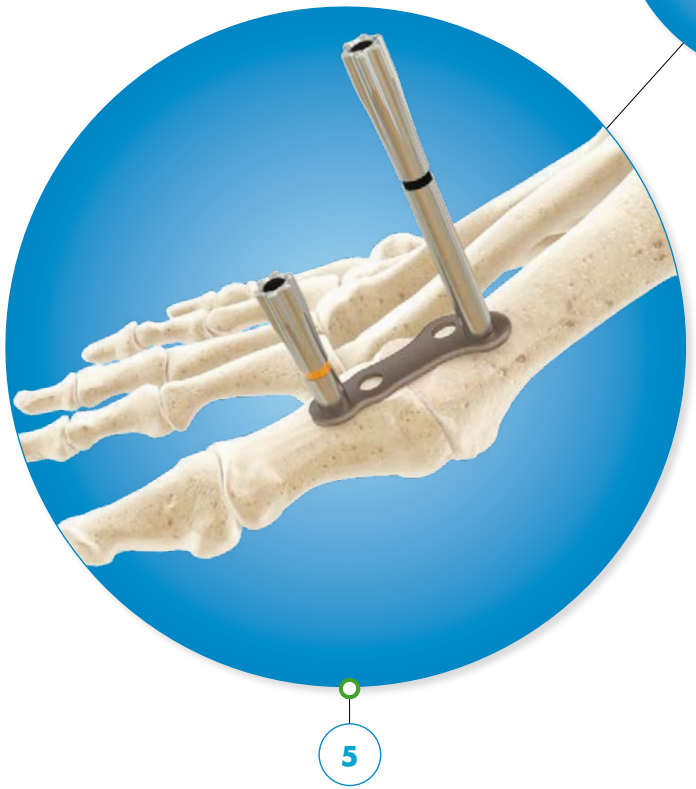


3

Expose the phalangeal joint and introduce the Ø 1.6 k-wire in the center. Ream the cartilage with the universal convex reamer.

4

Fix temporally the joint with a k-wire.



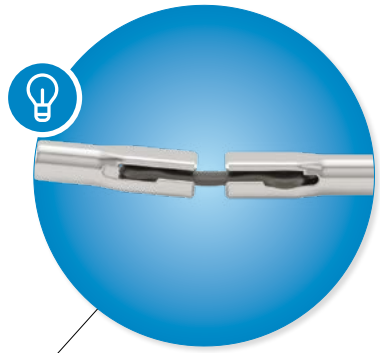
5

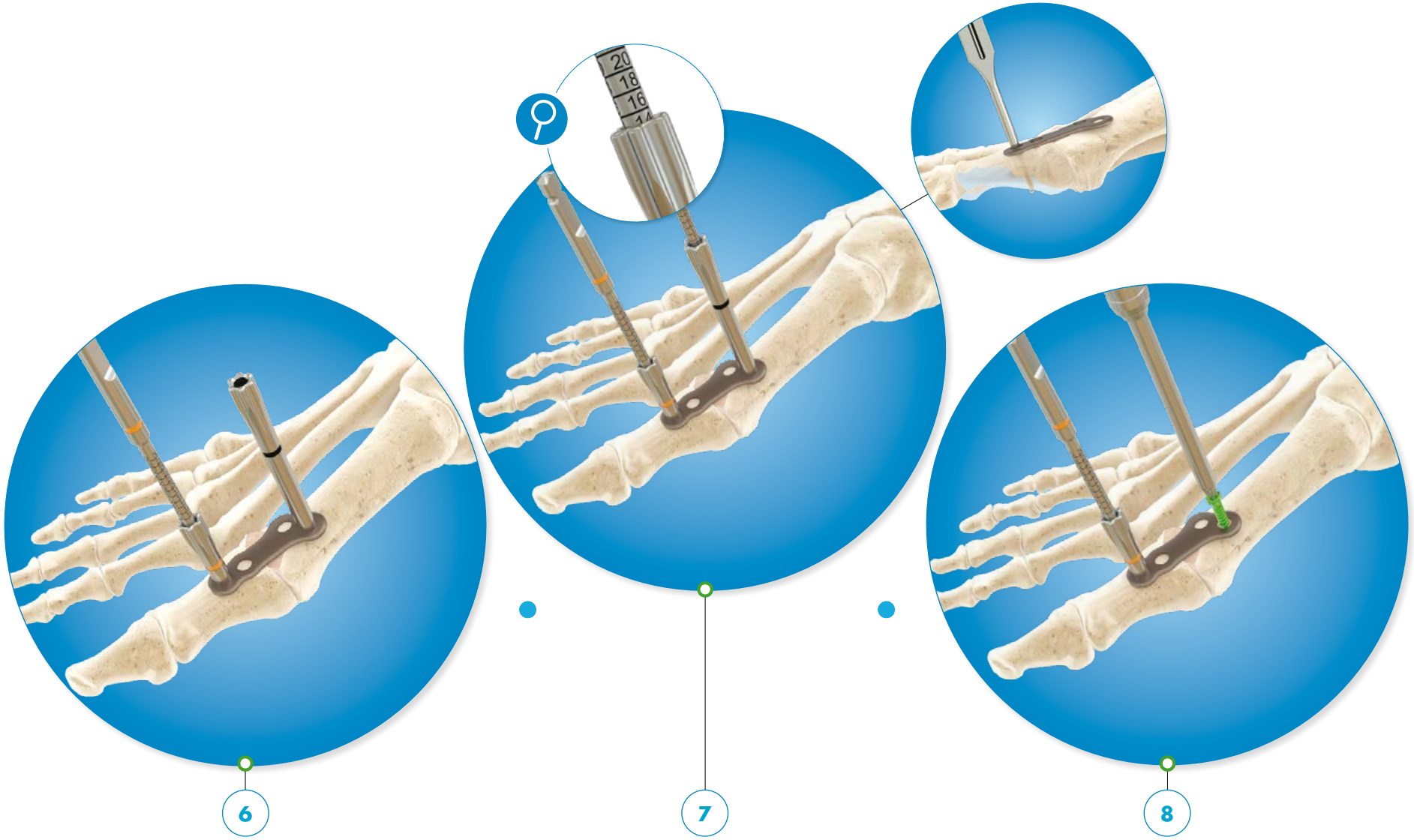
Prepare the suitable plate with the drill guides:

~the short (orange ring) in the distal threaded hole

~the long (black ring) in the proximal threaded hole.

It is possible to bend the plates with the 2 AO benders.





6

Drill the distal hole with the short graduated drill (orange ring) and leave it in place.

7

Drill the proximal hole with the long graduated drill (black ring). Measure the screw length either directly with the graduation on the drill or thanks to the depth gauge.

8

Remove the long drill and the guide and then insert the proper screw.

9

Put the long drill guides (black ring) in the middle holes, drill and measure the length screw.

10

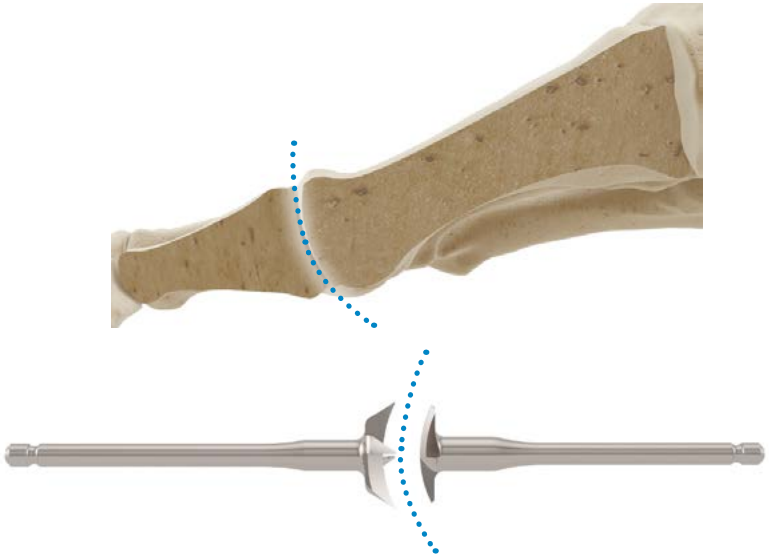
Insert the proper screws.

11

Final assembly

SPECIFIC FEATURES

UNIVERSAL REAMERS



The concave / convex reamers have a shape that allows them to have congruent surfaces between the metatarsal and the phalanx.
With only one size and shape, they only work on the area in contact.

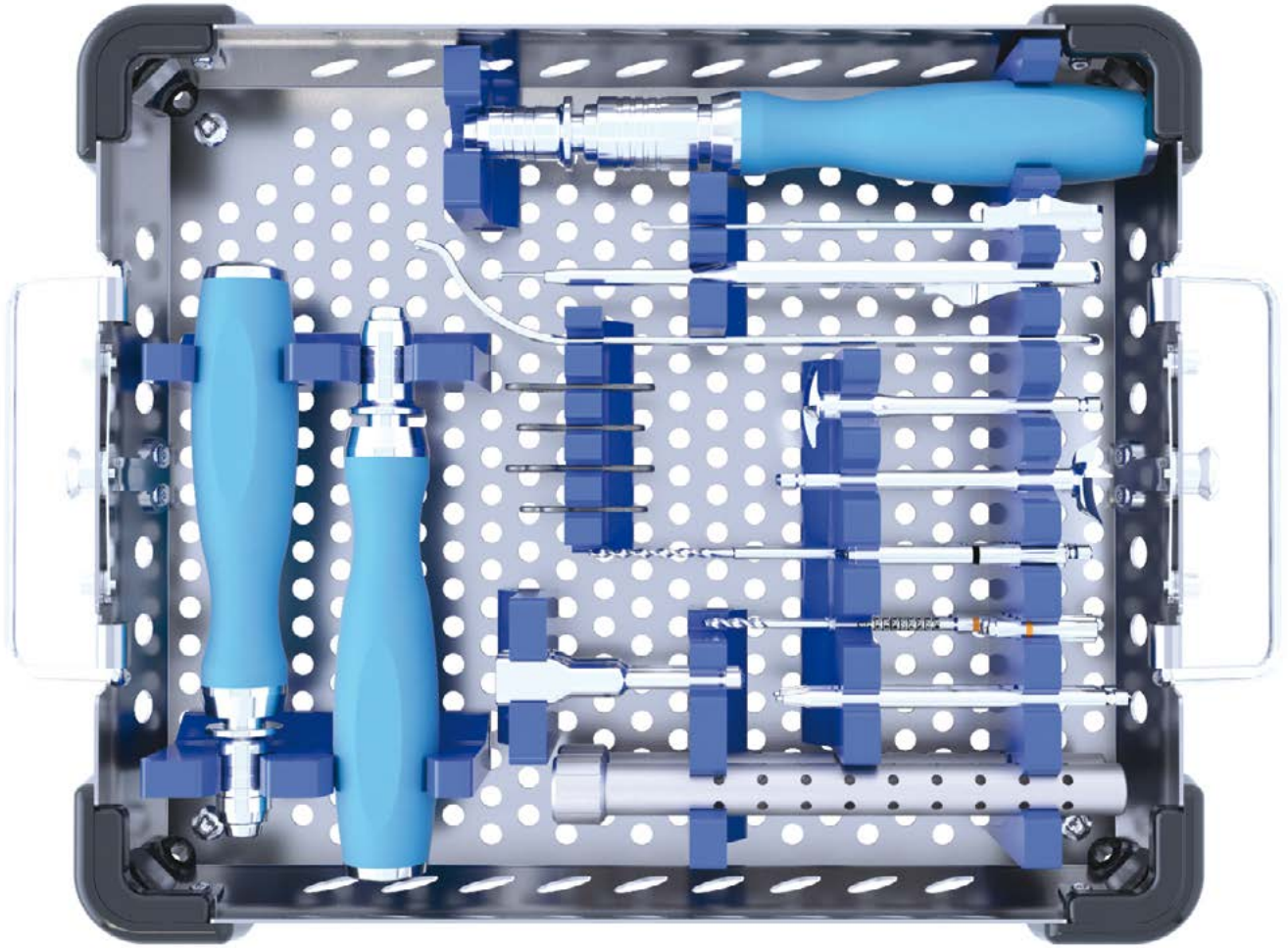
BENDER

The plates can be bended with the 2 AO benders.
The distal slot allows to position the plate longitudinally and the central slot can bend the plate transversely.

INSTRUMENTATION

F.A.S.T.® PLATE TRAY

DESCRIPTION	GS1
PLATES TRAY	3663165004541
AO RATCHET HANDLE	3663165004497
AO QUICK COUPLING HANDLE	3663165003490
UNIVERSAL DEPTH GAUGE 10-30MM	3663165004466
MTP ELEVATOR	3663165004480
BENDER	3663165004473
TORX T10 PREHENSIVE SCREWDRIVER	3663165004381
SHORT GRADUATED DRILL 10-30MM	3663165004411
LONG GRADUATED DRILL 10-30MM	3663165004428
SHORT DRILLING GUIDE	3663165004442
LONG DRILLING GUIDE	3663165004459
UNIVERSAL CONCAVE REAMER	3663165004398
UNIVERSAL CONVEX REAMER	3663165004404
K-WIRE Ø 1.6 - L80MM	3663165004435
TRIAL FAST PLATE 30MM	3663165004503
TRIAL FAST PLATE 35MM	3663165004510
TRIAL FAST SYNTHESIS 30MM	3663165004527
TRIAL FAST SYNTHESIS 35MM	3663165004534



REFERENCES

35 mm 30 mm 30 mm 35 mm

MTP F.A.S.T.® PLATES

DESCRIPTION	GS1
LEFT STANDARD 35MM	3663165004299
RIGHT STANDARD 35MM	3663165004305
LEFT MINI INVASIVE 30MM	3663165004312
RIGHT MINI INVASIVE 30MM	3663165004329

30 mm 35 mm

SYNTHESIS F.A.S.T.® PLATES

DESCRIPTION	GS1
FORE/MIDFOOT 30MM	3663165004220
FORE/MIDFOOT 35MM	3663165004237

45 mm

REVISION F.A.S.T.® PLATES

DESCRIPTION	GS1
MTP LEFT	3663165004367
MTP RIGHT	3663165004374

35 mm

BASAL F.A.S.T.® PLATE

DESCRIPTION	GS1
3MM	3663165004282
4MM	3663165004275
5MM	3663165004268

18 mm 26 mm 30 mm

UNISERSAL F.A.S.T.® PLATE

DESCRIPTION	GS1
18MM	3663165004336
26MM	3663165004343
30MM	3663165004350

35 mm

LAPIDUS F.A.S.T.® PLATE

DESCRIPTION	GS1
2MM	3663165004244
3MM	3663165004251

∅ 2.7

LOCKED

DESCRIPTION	GS1
10	3663165003780
12	3663165003797
14	3663165003803
16	3663165003810
18	3663165003827
20	3663165003834
22	3663165003841
24	3663165003858
26	3663165003865
28	3663165003872
30	3663165003889

NOT LOCKED

DESCRIPTION	GS1
10	3663165004008
12	3663165004015
14	3663165004022
16	3663165004039
18	3663165004046
20	3663165004053
22	3663165004060
24	3663165004077
26	3663165004084
28	3663165004091
30	3663165004107

∅ 3.2

LOCKED

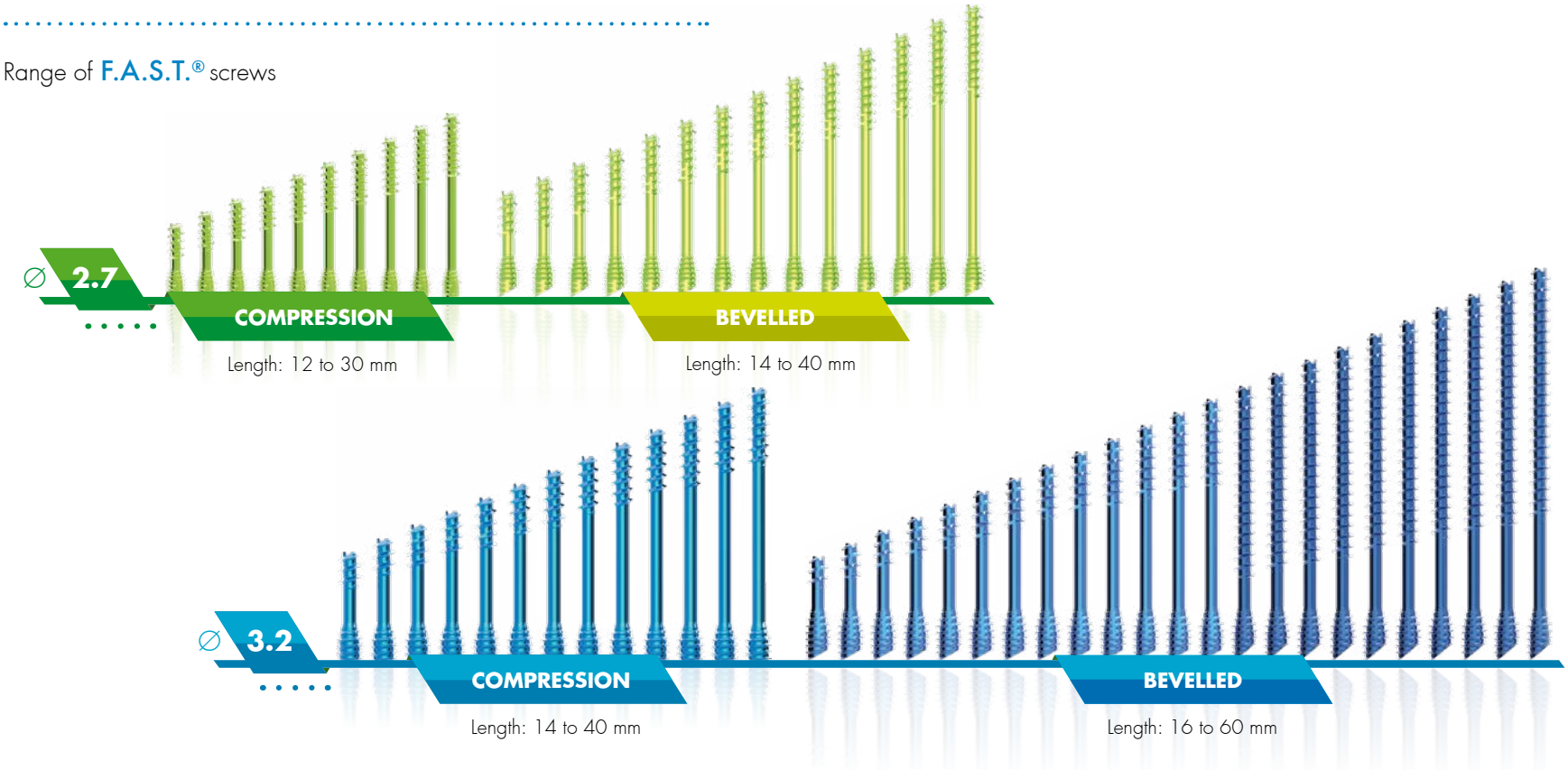
DESCRIPTION	GS1
10	3663165003896
12	3663165003902
14	3663165003919
16	3663165003926
18	3663165003933
20	3663165003940
22	3663165003957
24	3663165003964
26	3663165003971
28	3663165003988
30	3663165003995

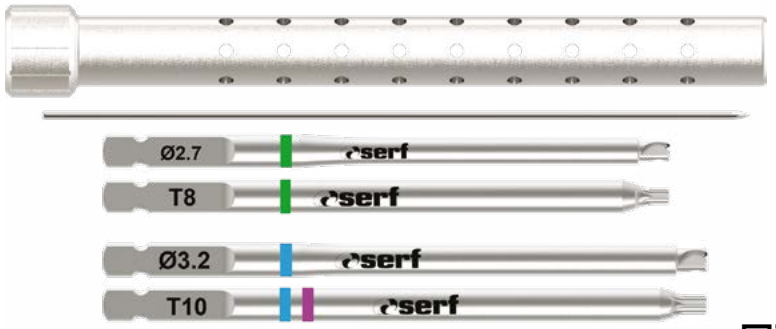
NOT LOCKED

DESCRIPTION	GS1
10	3663165004114
12	3663165004121
14	3663165004138
16	3663165004145
18	3663165004152
20	3663165004169
22	3663165004176
24	3663165004183
26	3663165004190
28	3663165004206
30	3663165004213

ASSOCIATED PRODUCTS

Range of **F.A.S.T.®** screws





INSTRUMENTS POUR VIS CANULÉES F.A.S.T.® VASECMP2

DESCRIPTION	REFERENCE
F.A.S.T.® Ø 2.7 SCREWDRIVER	3663165003384
F.A.S.T.® Ø 3.2 SCREWDRIVER	3663165003391
K-WIRE Ø 1.2 L120mm	3663165003476
COUNTERSINK Ø2.7	3663165003421
COUNTERSINK Ø3.2	3663165003438

Access to the F.A.S.T.® screw Instruction Manual: http://doc.serf.fr/0212.pdf

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F.A.S.T.® are medical devices labelled CE 0459 with the MED. Instructions must be read before use. In case of doubt, please contact SERF's local distributor.

CE 0459

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