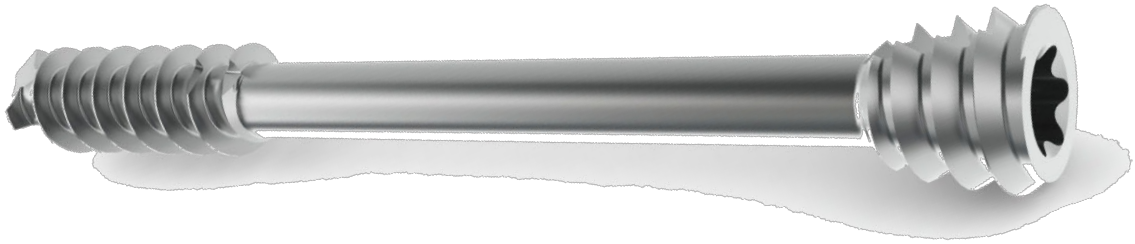


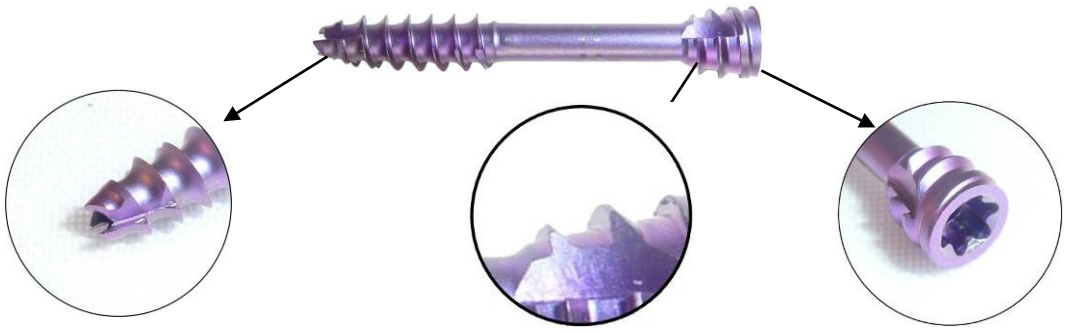
Z-Double Thread Compression Screw with Z-Speed Drive System

With development of the colour-coded Z-Double compression screw and the corresponding intelligent instruments, Z-Medical® has specifically optimized all known problem areas of systems available on the market (insufficient compression area, insufficient adjustment possibilities and continuation of compression, unnecessary pre-drilling at normal bone density, large number of operational steps which often lead to the necessity of opening a new sterile set for a single screw).
The screws and instruments thus offer highest convenience, can be applied safely and come along with considerable savings.

Indication
The Z-Medical Z-Double Thread Compression Screws, Z-Compression Screws and Z-Neutralisation Screws are indicated for fixation of bone fractures or bone reconstruction. Examples included:

- Fixation of bone fragments or small bone fractures
- Fracture management in the foot and hand
- Arthrodesis in hand, foot or ankle surgery
- Mono or Bi-cortical osteotomies in the foot and hand

Z-Double Thread Compression Screws cannulated Ø3/Ø4
Lengths 10 to 36mm, graduated in 2mm steps

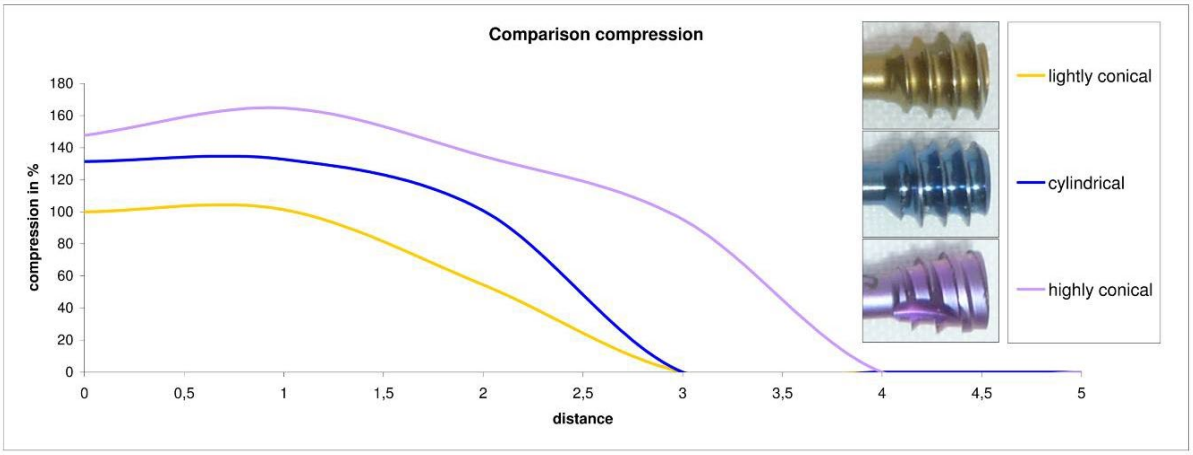


Self-drilling / self-cutting at regular bone density, optimized edges of thread for higher compression

Conical threaded front end with aggressive flanks for continuing compression.

Optimal force transmission, self retaining drive, easier to re-implant through conical proximal ending.

Comparison of compression



Highly conical
Z-Medical

Lightly conical

cylindrical

Unlike its competitors, the thread flanks of both threads of the Z-Medical® screws are directed towards each other. This prevents fractures of thin bone fragments and therefore allows the usage of the screws on small fragments or in connection with large corrections instead of mini compression screws.
The bigger shaped thread flanks of the small thread, combined with the highly conical threaded front end with aggressive thread flanks, yield a maximum of continuing compression.
The screws can be screwed in bone-flush and still have a big adjustment range for compression.

Your benefits:

- optimal availability by individual sterile packaging, 7 years durability
- implants and packaging are colour coded
- fewer operational steps and therefore shortened time of surgery
- optimal adjustment of low- and high-compression through innovative design of the screw head
- with the usage of our innovative implants and instruments there is no need to utilize elaborate sets of instruments meaning enormous cost savings in connection with your sterilization

Your financial benefit:

- with these cost savings the charges for the implants can be largely covered

Z-Double Thread Compression Screws cannulated, single sterile packaged


C01 001 Ø3/Ø4 10mm


C01 002 Ø3/Ø4 12mm


C01 003 Ø3/Ø4 14mm


C01 004 Ø3/Ø4 16mm


C01 005 Ø3/Ø4 18mm


C01 006 Ø3/Ø4 20mm


C01 007 Ø3/Ø4 22mm


C01 008 Ø3/Ø4 24mm


C01 009 Ø3/Ø4 26mm


C01 010 Ø3/Ø4 28mm

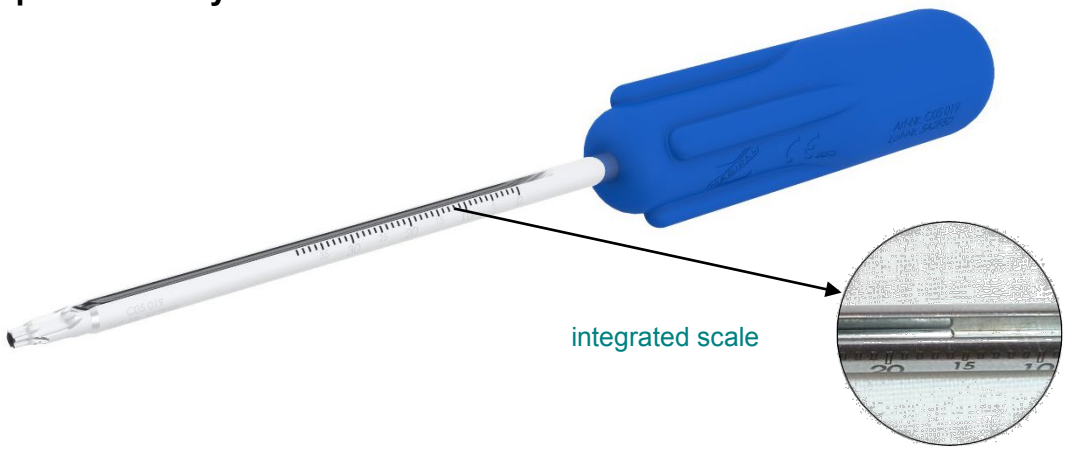

C01 011 Ø3/Ø4 30mm


C01 012 Ø3/Ø4 32mm


C01 013 Ø3/Ø4 34mm


C01 014 Ø3/Ø4 36mm

Z-Speed Drive System



Your benefits:

- fewer operational steps and therefore shortened time of surgery
- with the usage of our innovative implants and instruments there is no need to utilize elaborate sets of instruments
- meaning enormous cost savings in connection with your sterilization

Your financial benefit:

- with these cost savings the charges for the implants can be largely covered

Instruments reusable

C05 019
Z-Screw Driver ZM8
Instrument with integrated depth gauge, cannulated

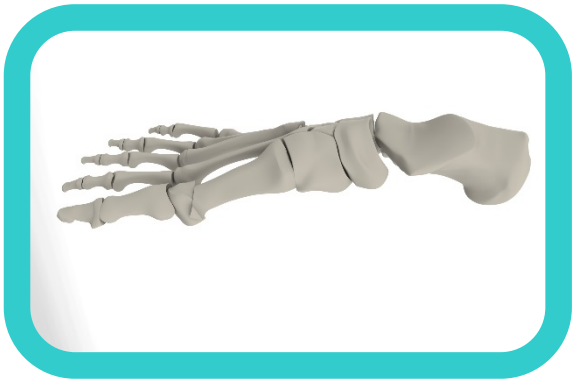
Instruments sterile

C01 022 S
Z-Guide Wire Ø1,0x80mm, Hollow grinding trocar round
2 pieces sterile packaged

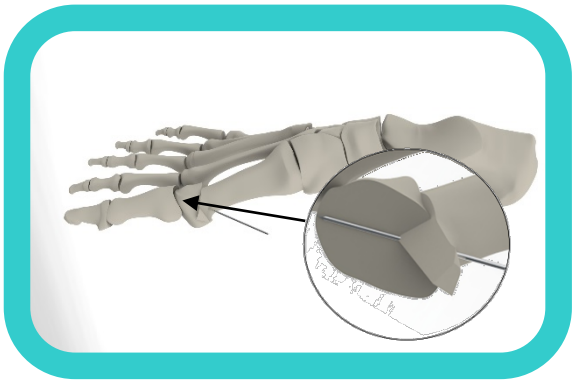
Optional instruments

C01 035
Z-Cannulated Step Drill bit Ø2/Ø3 10-36mm colour-coded
Adjustable "All-in-one" instrument for drilling and lowering the countersink in one step

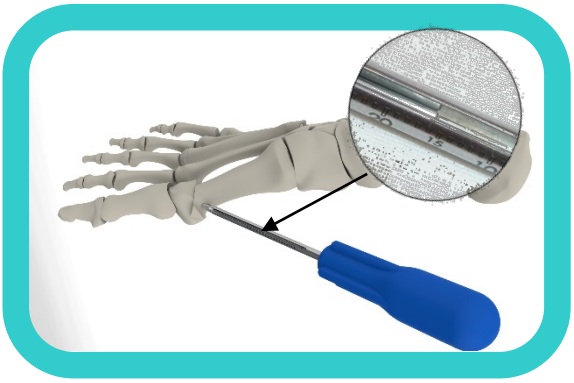
Technical Guide



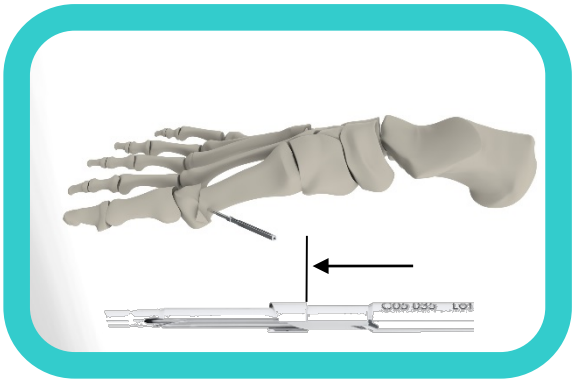
1. Preparation of the osteotomy with standard operation techniques



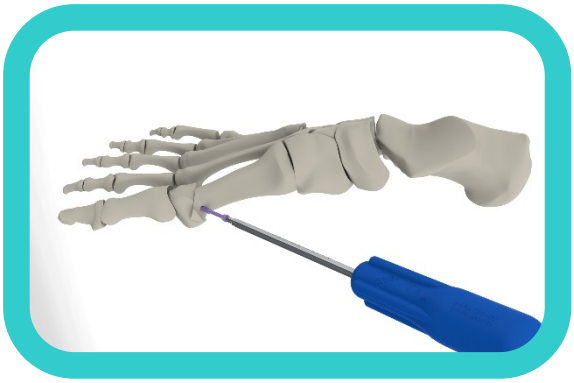
2. Feed in the Guide Wire until the desired depth is reached. If necessary, adjust the depth and direction of the wire



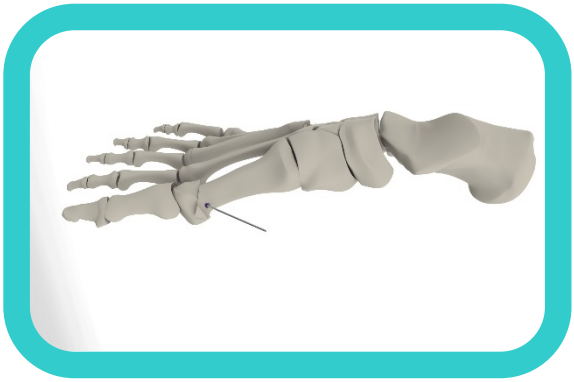
3. Positioning of the screw driver on the Guide Wire and determination of the screw length



4. Pre-drilling with a step drill. The marking respectively the ledge indicates the ideal depth



5. Positioning of the screw on the Guide Wire followed by the insertion of the former into the latter as well as by setting the compression



6. Removal of the Guide Wire. The screw should be flush with the bone surface

Made in
Germany

Presented by:

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Version 3