



**SURGICAL
INNOVATIONS**

HAND & FOOT

Innovative Simplicity





Z-Staples

International patented **EU/US/CHN**



Z-SnapOff Screws

(Compression Screws flat head)

International patented **EU/US/CHN**



Z-Screws cannulated / headless

(Double Compression / Round head compression / Neutralisation)



Z-Screwdriver Technology

International patented **EU/US/CHN**

Z-Medical

We offer | Innovative Simplicity



- › Various USPs/product provide advantages in sales & marketing
- › “Ready to use” sterile implants with 7 years shelf-life
- › Full traceability by UDI
- › Reusable instruments available



**SURGICAL
INNOVATIONS**

Z-Compression Screws

Innovative Simplicity



Innovative Simplicity | Z-Compression & Neutralisation Screws

Features

Z-Double Thread
Compression Screws /
headless



Ø3/Ø4
Ø5/Ø6
Ø7,2/Ø8

Z-Compression Screws /
round head



Ø3/Ø4
Ø5/Ø6
Ø7,2/Ø8

Z-Neutralisation Screws /
headless

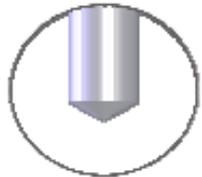


Ø3/Ø4
Ø5/Ø6
Ø7,2/Ø8

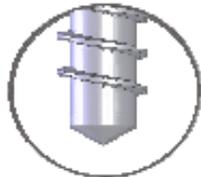
Indication

- › Internal fixation of bone fractures, osteotomies or arthrodesis in feet and hands, as well as trauma surgery.
- › Especially: Radius fractures, Fractures of distal and proximal humerus, Patella fractures, Proximal tibia fractures, Fractures of the Malleolus, Talus fractures, Calcaneus

Innovative Simplicity | Z-Double Thread Compression Screws



Self drilling



Self tapping



**Pre-driving
max. 200rpm**



ZM Drive

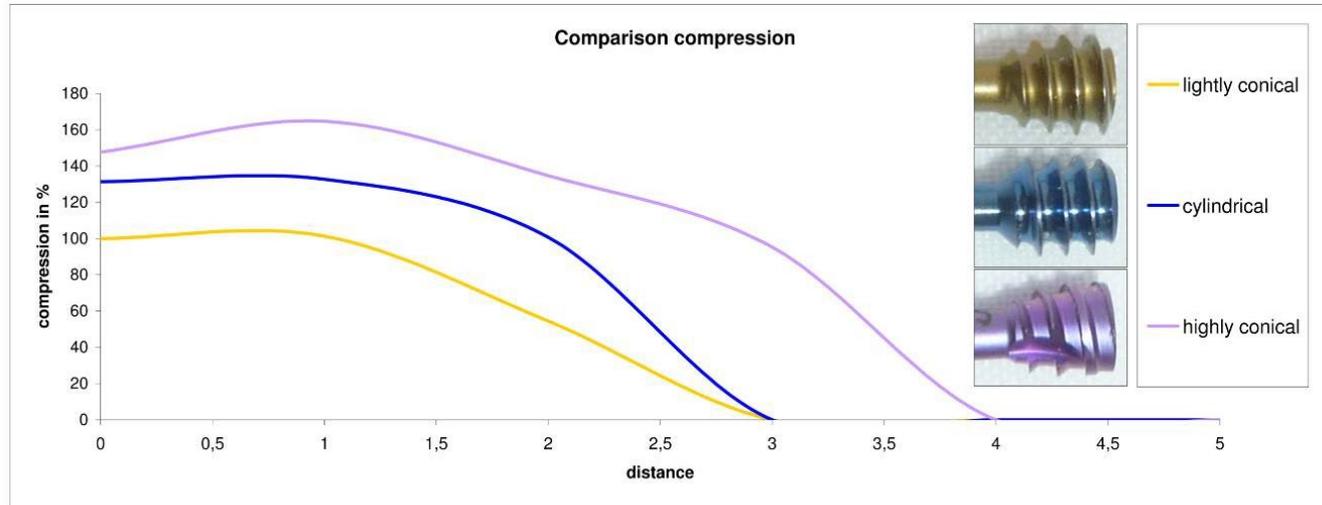


Rounded head

- › Large cannulation enables the use of rigid $\varnothing 2,2\text{mm}$ K-wire
- › ZM Drive with big TORX diameter for power transmission

Innovative Simplicity | Z-Double Thread Compression Screws

Compression Comparison



Especially aligned thread wings to get a higher compression



Strong conical (Z-Medical)



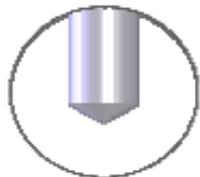
Slight conical (competition)



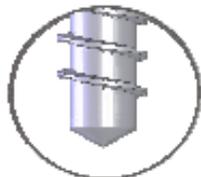
Cylindrical (competition)



Innovative Simplicity | Z-Compression Screw / round head



Self drilling



Self tapping



**Pre-driving
max. 200rpm**



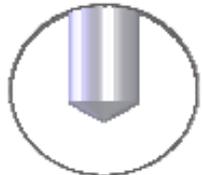
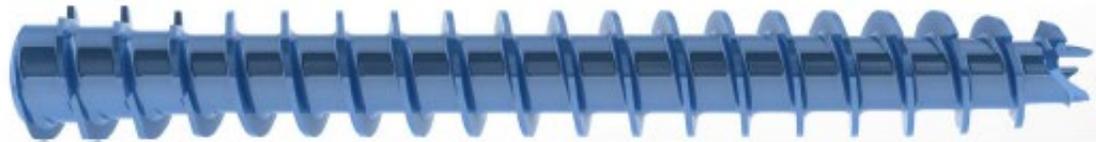
ZM Drive



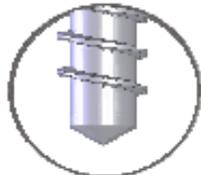
Rounded head

- › Large cannulation enables the use of rigid $\varnothing 2,2\text{mm}$ K-wire
- › ZM Drive with big TORX diameter for power transmission

Innovative Simplicity | Z-Neutralisation Screws / headless



Self drilling



Self tapping



Pre-driving
max. 200rpm



ZM Drive



Rounded head

- › Large cannulation enables the use of rigid $\varnothing 2,2\text{mm}$ K-wire
- › ZM Drive with big TORX diameter for power transmission



+



Reusable instruments for all types of screws available!

=





Innovative Simplicity | Z-Compression Screws



Z-Speed Drive System

- > Screw insertion
- > Screw length determination via k-wire



Innovative Simplicity | Z-Compression Screws

Features

- › Optimized thread design for high, long lasting and controlled compression
- › Self-drilling and self-tapping
- › Large cannulation enables the use of rigid $\varnothing 2,2\text{mm}$ K-wire
- › Z-Speed Drive System for screw insertion and screw length determination via k-wire
- › “All in one” Step drills for screw shaft preparation and head counter sink
- › Reusable instruments



**SURGICAL
INNOVATIONS**

Z-Medical® GmbH + Co. KG
Gänsäcker 38, 78532 Tuttlingen
Germany

fon: +49 (0) 7462 94 55 40

fax: +49 (0) 7462 94 55 49

email: info@z-medical.de

web: www.z-medical.de

Follow us:



Z-Medical® GmbH + Co. KG