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Comprehensive portfolio of products for traumatology, including systems designed for fractures fixation and deformities correction of extremities and pelvis.



Wide range of advanced solutions for cervical and thoraco-lumbar stabilization of spine, including pedicle screw systems for open and MIS procedures, various interbody devices and fixation plates.



Instruments and implants for cranio-maxillofacial surgeries, dedicated for fracture fixations, reconstructions, distractions and orthognathic surgeries.



## VARIABLE ANGLE LOCKING SCREWS

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To bring medical solutions

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# VARIABLE ANGLE LOCKING SCREWS



# VARIABLE ANGLE LOCKING SCREWS

## Design of perfect connection

- increased strength of the screw-plate connection
- facilitated implant removal - cobalt alloy material eliminated risk of cold welding occurrence
- cobalt alloy material increased strength of the screw
- simple insertion procedure

## Total compatibility

- VA screws compatible with all plate systems
- interchangeable usage with standard locking screws in all locking holes

## 30° angulation cone

- +/-15° angulation of locking hole axis
- fixed-angle connection at the desired screw angle
- many possibilities in fixation and freedom while surgery

## Re-lock possibility

- correction of locked screw direction
- up to 3 lockings without significant influence at screw-plate connection strength

## Rounded head edge

- minimized soft-tissue irritation

## Torx drive

- excellent self-retaining feature
- improved torque transmission

## Optimized thread profile

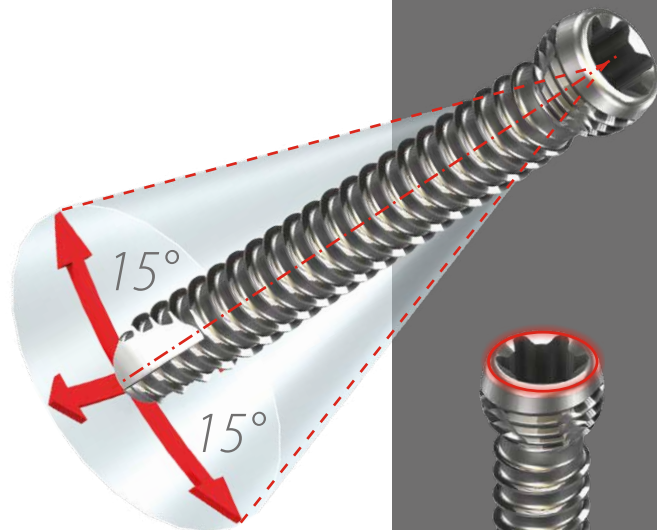
- insertion efficiency
- increased pullout resistance
- large core diameter improve bending and shear strength

## Sharp self-tapping flutes

- facilitated screw insertion
- reduced operative time and efficient procedure

## Blunt tip

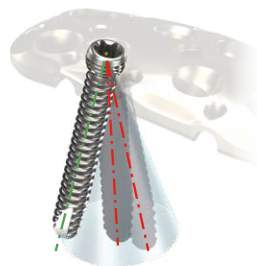
- minimized soft-tissue irritation



Initial screw insertion  
-INCORRECT



1st screw direction change  
-INCORRECT



2nd screw direction change –  
CORRECT!

Example