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Comprehensive portfolio of products for traumatology. Including systems designed for fractures fixation, deformity corrections associated with extremities and pelvis.



Wide range of advanced products for cervical and thoraco-lumbar stabilization of spine. Including pedicle screws systems for open and MIS procedures, various interbody devices and plates.



Medical devices and implants for cranio-maxillofacial. 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
- facilitate implant removal - cobalt alloy material eliminated risk of cold welding occurrence
- cobalt alloy material increases strength of the screw
- simple insertion procedure

## Total compability

- VA screws compible with all system plates
- 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

- minimize soft-tissue irritation

## Torx drive

- excellent self-retaining feature
- improved torque transmission

## Optimized thread profile

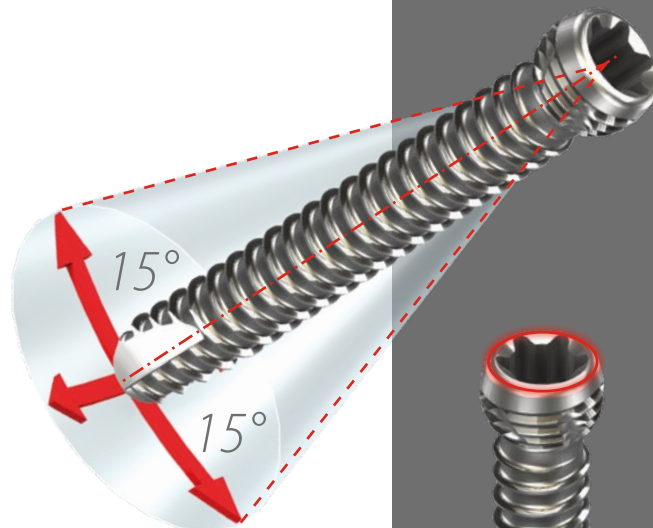
- insertion efficiency
- increased pullout resistance
- large core diameter improve bending and shear strength

## Sharp self-tapping flutes

- facilitate screw insertion
- reduced operative time and efficient procedure

## Blunt tip

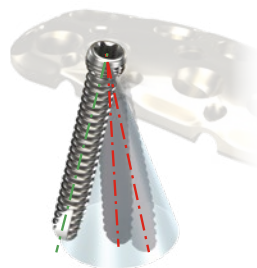
- minimize soft-tissue irritation



Initial screw insertion  
-INCORRECT



1st screw direction change  
-INCORRECT направления



2nd screw direction change –  
CORRECT!

Example