



## MiniMIS Short Stem

**BEST QUALITY**  
  
MADE IN GERMANY

### MINIMIS SHORT STEM

#### For a cementless anchoring in the femur

The cementless short stem MiniMIS is particularly suitable for younger patients who may require several more replacement surgeries in the future.

The MiniMIS stem offers the surgeon a surgical technique that saves as much bone as possible and is gentle on soft tissue. For the patient, this means early mobilization. Due to its design, the MiniMIS stem can be used with different femoral neck angles. A stable proximal fixation in the femoral neck both medial-lateral and ventral-dorsal is crucial.

The MiniMIS stem is made of a high-strength titanium alloy TiAl6V4 ISO 5832-3. The rough-blasted surface provides excellent conditions for secondary osseointegration. The stem is available in 11 standard sizes to accommodate different anatomies.

In addition, there are two different lateralized variants (SL and NL) in 9 sizes each.

The MiniMis can be combined with the well-known acetabular systems and femoral heads from our portfolio.

For easier revision, an extraction thread M6 is available on the stem axis.



## PRODUCT DESCRIPTION

- Anchoring: cementless
- Material: Titanium alloy TiAl6V4 ISO 5832-3 rough blasted
- Cone: 12/14
- Combinable with: Metal and ceramic femoral heads
- Variant: Standard N, CCD 133°  
Lateralised SL, CCD 124°  
Lateralised NL, CCD 124°
- Sizes: Standard N 11 sizes  
Lateralised SL 9 sizes  
Lateralised NL 9 sizes

## INSTRUMENTS

Implantation of the MiniMIS hip stem requires only a small number of basic instruments. The universal instrument set contains all necessary instruments for opening and creating the implant implant bed as well as the trial components required for trial positioning. In addition, it provides the instruments for correcting the implant position of hip stems during surgery.

The implant-specific rasp design supports a minimally invasive surgical technique. For this purpose, the rasp teeth have been placed more narrowly to reduce canting. This simultaneously facilitates intramedullary axis finding and optimizes insertion around Adam's arch. To achieve a

correct implant bed, the rasp is designed to be both cutting and compressing.

The rasps are made of high-quality hardened stainless steels. They are CNC ground and then plasma polished. This results in longevity of the instruments and easy reprocessing.

The instrument sets can be delivered in our Monolite trays.

visualisation line



Difference in SL to N:  
lateralisation 3 mm  
shortening 4 mm

Difference in NL to N:  
lateralisation 4.8 mm  
no shortening