



## SPC Hip Stem

**BEST QUALITY**  
  
MADE IN GERMANY

### SPC HIP STEM

#### For a cementless anchoring in the femur

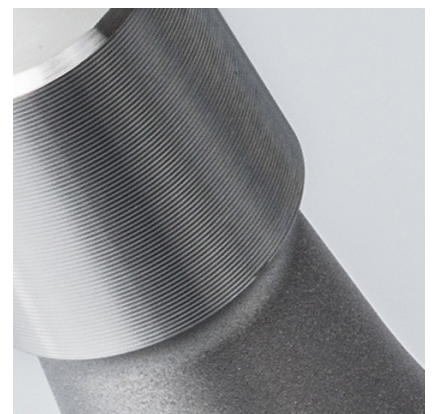
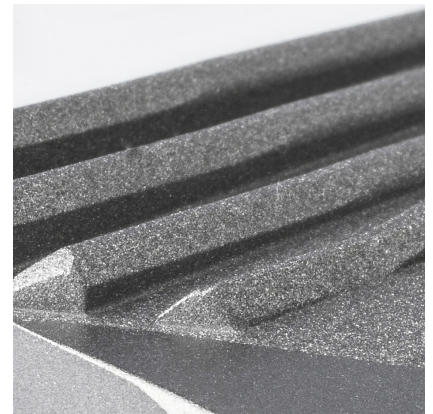
The principle of the SPC hip stem is based on the findings of Prof. Lorenzo Spotorno. The product has been tried and tested for more than 20 years. Made of a titanium wrought alloy (ISO 5832-11) and fitted with a 12/14 cone, the stem can be combined with both metal and ceramic femoral heads.

For the various femoral anatomies of the patients the SPC hip stem is available in 13 sizes, each with three different CCD angles. There is therefore a wide range available for the reconstruction of the natural geometry of the joint using the biochemical parameters of center of rotation, leg length and CCD angle. The primary anchorage is carried out in accordance with the press-fit principle. After preparation of the implant bed, the double conical-shaped body of the

stem is pressed metaphysically into the cortico-spongious bone.

A high degree of primary stability is achieved by the spongiosa-compressing ribs, so that almost all

relative movement is excluded and the secondary anchorage improved at the same time. The secondary anchorage is finally achieved by osteointegration, which is promoted by the osteophilic titanium alloy and the roughness of the surface.



## PRODUCT DESCRIPTION

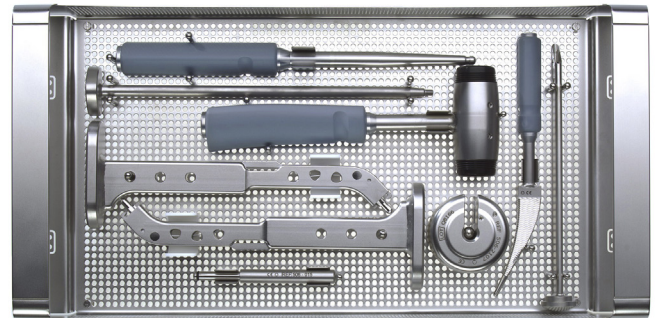
- Anchoring: cementless
- Material: Ti6Al7Nb (ISO 5832-11) rough surface, blasted
- Cone: 12/14
- Combinable with: Metal and ceramic femoral heads
- Variant: Standard  
CCD angle: 125°, 135°, 145°
- Sizes: 13 sizes

## INSTRUMENTS

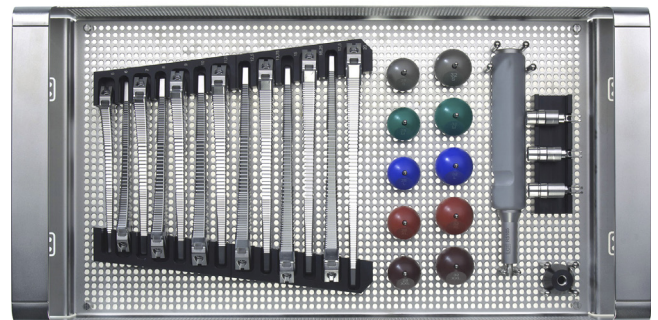
All implant versions of the SPC hip stem can be incorporated with the same set of instruments and the same operating techniques. For the modular rasps there are various test cones available with the corresponding angles which serve the purpose of intraoperative trial repositioning and are therefore used for confirming the pre-operatively selected implant size and version.

All instruments are equipped with an ergonomically formed silicone grip system which meets all cleaning and sterilization requirements. The rasps are made of premium-grade hardened stainless steels. They are CNC grounded and subsequently plasma-polished. This makes the instruments particularly durable and facilitates easy preparation.

Both the basic instrument set and the rasp instrument set can be supplied in our Monolite trays. The instrument trays are crafted out of a single piece and are made of premium grade stainless steel. The system is characterized by its light weight and can be stacked as desired.



Basic Instrument Set SPC Hip Stem



Rasp Instrument Set SPC Hip Stem

