



## Expersus Hip Stem

**BEST QUALITY**  
  
MADE IN GERMANY

### EXPERSUS HIP STEM

#### For a cementless or cemented anchoring in the femur

##### **cementless treatment**

In the cementless version the Expersus Hip Stem is made of titanium alloy Ti6Al4V (ISO 5832-3) and comes with a 12/14 cone. The stem can be combined with both metal and ceramic femoral heads. Apart from the polished neck area, the cementless Expersus Stem has an all-round titanium plasma spray and hydroxyapatite coating. The coating accelerates growth of the bone onto the implant, thereby promoting stable and long-term fixation. In order to cater for the various femoral anatomies of the patients, the femoral stem comes in 9 sizes with a standard CCD of 125° and 135° variant. The body of the stem has a double tapered shape to ensure both self-clamping as well as the necessary rotational stability.

##### **cemented treatment (CE approval in process)**

In the cemented version the Expersus Hip Stem is made of implant steel (5832-9) and comes with a 12/14 cone. It has a smooth satin finish surface and a fully polished cone area and can be combined with both metal and ceramic femoral heads. In order to cater for the various femoral anatomies of the patients, the cemented stem comes in 9 sizes for the standard CCD of 125° and in 10 sizes for the CCD of 135°. The body of the stem has a double tapered shape to ensure both self-clamping as well as the necessary rotational stability.



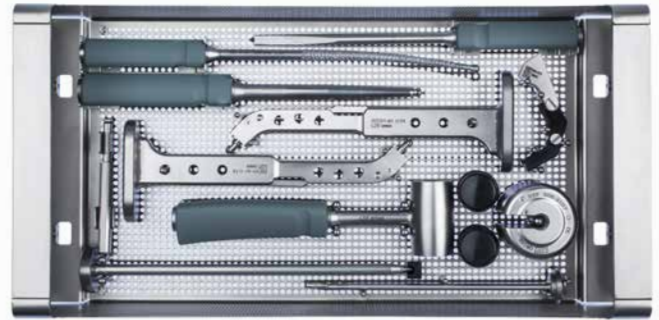
## PRODUCT DESCRIPTION

- Anchoring:  
cemented and  
cementless
- Material:  
Implant steel and  
Ti6Al4V with TPS and HA coating
- Cone:  
12/14
- Combinable with:  
Metal and ceramic femoral heads
- Variant:  
Standard  
CCD angle: 125° and 135°
- Sizes:  
cemented 125° 9 sizes  
135° 10 sizes  
cementless 125° & 135° 9 sizes

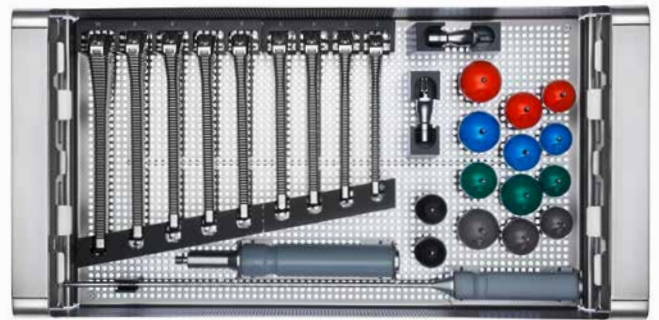
## INSTRUMENTS

Both stem versions of the Expersus Hip Stem can be inserted with the same instrument set and the same surgical technique. For the modular rasps there are two trial cones available with the corresponding offsets which serve the purpose of intraoperative trial repositioning and are therefore used for confirming the pre-operatively selected implant size and version. Compared to the cemented Expersus Hip Stems, the rasps are oversized by 1 mm by means of an equal all-round cement coating.

In addition the instruments are equipped with a modern, ergonomically shaped silicone handle system which meets all cleaning and sterilization requirements. Both sets can be supplied in our Monolite trays. The instrument trays are crafted out of a single piece from high-quality stainless steel. The system is characterized by its light weight and can be stacked as desired.



Basic Instrument Set Expersus Hip Stem



Rasp Instrument Set Expersus Hip Stem

