

FEMORAL COMPONENTS



AEROSPACE • INVESTMENT CASTING • CRYOGENICS • SURFACE TREATMENT

WE ARE SPECIALIZED MANUFACTURER

We cast knee replacements for the orthopaedic industry. We have mastered the technology of precision casting of more than ten different types of cobalt-based superalloy castings to produce them. Our foundry technicians are directly involved in developing other types of components. Our foundry uses state-of-the-art equipment

and adheres to strict production conditions, which give customers a guarantee of high-quality castings for any use. For inspections, we use both X-ray inspection methods and chemical analysis of castings, as well as their 3D dimensional inspection and FPI-testing.



WHY PBS

We spent years developing, manufacturing, and improving many products in aerospace, engineering, casting and cryogenic fields. Most of these divisions and many of our products are used by major players in those fields. However, very few products ever reach the everyday consumer. But one of our products that do end up (literally) touching people at an individual level is our femoral component castings.

Our involvement in creating our cast femoral component for knee replacement brings us a great deal of pride and gratitude, knowing that we are taking part in an essential part of the process which helps many people worldwide receive the ability to walk better.

FEMORAL COMPONENTS

We have been producing high quality femoral components since 2010.

Our precision casting foundry uses state-of-the-art equipment and adheres to strict production conditions. This gives our customers a guarantee of

high-quality castings for any use. For inspections, we use both X-ray inspection methods and chemical analysis of castings, as well as their 3D dimensional inspection and FPI-testing. Highest quality assured.

QUALITY ASSURANCE

- › State-of-the art equipment
- › X-ray inspection
- › 3D dimensional inspection

- › FPI inspection
- › Production since 2010



JOINT REPLACEMENTS

- › 4,000 pcs produced annually
- › R and L version
- › 6 different sizes

TIBIAL PLATES

- › 2,000 pcs produced annually
- › Different sizes

MATERIAL

CoCrMao

ABOUT US

PBS is a globally recognized engineering brand with a history of over two hundred years.

The company specializes in the R&D and manufacturing of turbine engines, APUs, and ECS systems designed for unmanned aerial vehicles, medium helicopters, and airplanes.

PBS also develops and produces cryogenic equipment for the world's largest manufacturers of gas liquefaction systems.

PBS Foundry is one of the leading suppliers of nickel and cobalt-based superalloy castings in Europe.



DOA



POA & MOA



AS 9100,
ISO 9001 & ISO 14001



Non-destructive
testing (PT, RT)



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