

# KNEE REPLACEMENTS



## Product Parameters

- Anatomically-shaped component, i.e. L and R version
- Wide size range (six sizes)
- Material: cobalt alloy CoCrMo (ISO 5832-4)

## We provide the customers with

- Application of Rapid Prototyping method
- Design and manufacture of mould for pressing wax patterns
- Processing of casting technology
- Manufacture of casting in required quantity, quality and time

## Quality Guaranteed

- The foundry uses the latest equipment and vacuum furnaces
- Strict manufacture conditions guarantee output quality (AS 9100 Rev. C, ISO 14001:2004, NADCAP)
- X-ray inspection of parts
- Chemical analysis of castings
- 3D dimensional inspection of castings

## Other Groups of Foundry Products



## Transport Industry

### Wheels, blades and turbocharger components

The castings are made of IN 713C and IN 713LC alloys.  
Diameter range:  $\varnothing 50 \div \varnothing 400$  mm  
Weight range: 0.15  $\div$  44 kg

## Power Industry

### Rotor and stator blades of gas combustion turbines

The castings are made of IN 738C, IN 713LC, Mar M247 and B1914 materials.  
Dimension range: 50 - 400 mm  
Weight range: 0.1  $\div$  6.2 kg

## Aerospace Industry

### Turbine Engine Rotors and Guide Wheels and Auxiliary Power Units Rotors and Guide Wheels

Wheels of small gas combustion turbines are made of IN 713LC and IN 792-5A materials.



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